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December 18, 2018, revised January 11, 2019

Women for a Healthy Environment

5877 Commerce Street Pittsburgh, PA 15206 Attn: Ms. Kara Rubio

Healthy Schools PA Coordinator

and

Pine-Richland School District

702 Warrendale Rd Gibsonia, PA 15044 Attn: Mr. Gary Zang

Facilities Director

Re: Potable Water Lead Screening

Pine-Richland School District - 7 Facilities
Pine-Richland, Allegheny County, PA

PSI Project No. 08163144-14

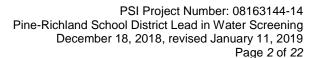
Dear Ms. Rubio and Mr. Zang:

In accordance with your request, Professional Service Industries, Inc. (PSI), an Intertek company, conducted a lead water screening of client-defined potable water sources at the Pine Richland School District facilities. PSI's sampling included 290 "first draw" samples on November 9, 2018 and 20 follow-up samples on December 6 or 7, 2018 in the following school buildings in the Pine Richland School District:

- Eden Hall Upper Elementary School
- Hance Elementary School
- Richland Elementary School
- Wexford Elementary School
- Pine-Richland Middle School
- Pine-Richland High School
- Pine-Richland High School Stadium

PSI was given authorization to conduct the lead-in-water screening by Mr. Gary Zang, Facilities Manager for the Pine-Richland School District referencing PSI Proposal 0816-230333.







SCOPE

Water samples were collected from the identified potable water outlets selected by the client. The samples were collected from 290 potable water sources, including faucets, water fountains, and ice machines. In all, 290 "first draw" samples were collected on November 9, 2018, and an additional 20 samples were collected on December 6 or 7, 2018 from locations that were not properly flushed prior to the November 9, 2018 sampling event. A "first draw" sample is defined as the first water to come out of the tap after an 8hour period of inactivity, but no more than 18-hours. The sample locations were determined by the client. Of the 290 samples collected in November, forty-eight (48) samples had lead concentrations above the laboratory analytical detection limit of 1.0 ppb. Of those 48 samples, sixteen (16) had lead concentrations above 5.0 ppb, with six (6) of those being above the EPA upper limit of 20.0 ppb. The six (6) locations exceeding 20.0 ppb were isolated and removed from service. Upon further review, it was determined that the majority of the sixteen (16) samples that exceeded 5.0 ppb were not flushed prior to the November 9, 2018 sampling event. Therefore, the locations where lead concentrations exceeded 5.0 ppb were flushed and re-sampled on December 6 or 7, 2018.

METHODOLOGY

PSI's inspectors collected a total of two hundred ninety (290) "first draw" water samples from potable drinking water outlets on November 9, 2018. Twenty (20) additional samples were collected on December 6 or 7, 2018. The "first draw" water samples were collected directly from water fountains or faucets which had been isolated from service for approximately 8-18 hours. The samples were collected directly into laboratory-supplied 250 ml bottles containing a HNO₃ preservative solution.

The samples were packed in a cooler and transmitted under chain of custody to Pace Analytical Laboratories located at 575 Broad Hollow Road, in Melville, NY 11747 for analysis. This laboratory is a PA certified drinking water laboratory (PA Cert # 68-00350) accredited by the PA Department of Environmental Protection (PA DEP). The samples were analyzed for lead and copper content by laboratory method EPA 200.8.

While the EPA drinking water recommended 'action level' for lead in Schools for drinking water at the tap is 0.020 milligrams per liter (mg/L) or 20 ug/L or 20 ppb, the **proposed PA Statewide Standard** for Lead in School drinking water maximum contaminant level is **5 ppb**. The EPA's "Lead and Copper Rule" (LCR) for Public Water suppliers (5CFR26460-26564) established an Action Level of 0.015 mg/L (15 ug/L or 15 ppb) for lead based on the 90th percentile level of tap water samples (1 L samples).

Public Water Supply Testing vs. Testing at Schools

It is important to note that the lead testing protocol used by public water systems is aimed at identifying system-wide problems rather than problems at outlets in individual buildings. Moreover, the protocols for sample size and sampling procedures are different. Under the LCR for public water systems, a lead action level of 15 ppb is established for 1 L samples taken by public water systems at high risk residences. If more than 10 percent of the samples at residences exceed



15 ppb, system-wide corrosion control treatment may be necessary. The 15-ppb action level for public water systems is therefore a trigger for treatment rather than an exposure level.

- EPA recommends that schools collect 250 ml first-draw samples from water fountains and outlets, and that the water fountains and/or outlets be taken out of service if the lead level exceeds 20 ppb. The sample was designed to pinpoint specific fountains and outlets that require remediation (e.g. water cooler replacement). The school sampling protocol maximizes the likelihood that the highest concentrations of lead are found because the first 250 ml are analyzed for lead after overnight stagnation.
- Some other local, State (such as NY State), and other agencies have adopted the more conservative lead action level of 15 ug/L (ppb).
- Women for a Healthy Environment recommends that the outlet be remediated if lead concentrations are between 5 and 10 ppb, and the outlet be taken out of service if the lead exceeds 10 ppb.

Lead was detected above the laboratory analytical detection limit of 1.0 ppb in forty-eight (48) of the 290 samples collected. Of those 48 samples, sixteen (16) had lead concentrations above 5.0 ppb, with six (6) of those being above the EPA upper limit of 20.0 ppb. The six (6) locations exceeding 20.0 ppb were isolated and removed from service and are bolded below. The sixteen locations above the lowest allowable limit (5.0 ppb) were:

Eden Hall Upper Elementary School

• ED-52 Kitchen Kettle Middle – 5.1 ppb

Hance Elementary School

- H-19 Sink Room 124 10.1 ppb
- H-35 Water Fountain Playground 5.1 ppb
- H-45 Kitchen Braising skillet sprayer 25.5 ppb

Pine-Richland Elementary School

- PR-05 Kitchen Sink by Room C113 #1 11.3 ppb
- PR-06 Kitchen Sink by Room C113 #2 30.1 ppb
- PR-23 Sink Room 007 6.8 ppb
- PR-30 Water Fountain Room 104 5.6 ppb

Wexford Elementary School

- W-04 Kitchen Kettle Right 12.3 ppb
- W-05 Kitchen Kettle Left 24.1 ppb
- W-33 Sink Room B116 11.7 ppb

Pine-Richland Middle School

MS-05 Kitchen Kettle – 14.4 ppb



Pine-Richland High School

- HS-30 Kitchen Kettle, Outside Storage Room C, Left 114 ppb
- HS-31 Kitchen Kettle, Outside Storage Room C, Middle 387 ppb
- HS-32 Kitchen Kettle, Outside Storage Room C, Right 232 ppb
- HS-41 Water Fountain Room 114 8.4 ppb

Upon receipt of the analytical results, PSI contacted the school to notify the District, and the **six** locations that **exceeded 20.0** ppb were **removed from service**. However, upon further review, it was determined that the majority of the sixteen (16) samples that exceeded 5.0 ppb were not flushed prior to the November 9, 2018 sampling event. Therefore, the locations where lead concentrations exceeded 5.0 ppb were flushed and re-sampled on December 6 or 7, 2018. The results of the December 6 and 7, 2018 resampling are provided in Table 8.0 and discussed below:

Eden Hall Upper Elementary School

• ED-52 Kitchen Kettle Middle – <1.0 ppb

Hance Elementary School

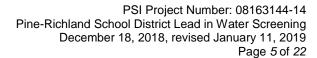
- H-19 Sink Room 124 < 1.0 ppb
- H-35 Water Fountain Playground Flushed & resampled 12/20/18, concentration <1.0 ppb
- H-45 Kitchen Braising skillet sprayer Samples were collected from both the hot and cold water spigots, as well as flush samples. All samples were < 5.0 ppb.

Pine-Richland Elementary School

- PR-05 (PR-100) Kitchen Prep Sink by Room C113 #1 < 1.0 ppb
- PR-06 Kitchen Wash Sink by Room C113 #2 Resampled both rinse sinks (left and right) on 12/20/18, concentrations were 13.5 ppb (left) and 31.8 ppb (right). A sign identifying this location as non-potable water was installed until the faucets can be replaced and re-sampled.
- PR-8 (PR 101F) Kitchen Kettle < 1.0 ppb
- PR-23 Sink Room 007 < 1.0 ppb
- PR-30 Water Fountain Room 104 2.3 ppb

Wexford Elementary School

- W-04 Kitchen Kettle cold 3.3 ppb
- W-4H Kitchen Kettle hot < 1.0 ppb
- W-4HF Flush Kitchen Kettle Hot < 1.0 ppb
- W-4CF Flush Kitchen Kettle cold < 1.0 ppb
- W-05 Kitchen braising pan sprayer Sample W-05 collected from this location had a concentration of 7.9 ppb following the December 2018 resampling. The flush sample from this location had a concentration < 1.0 ppb. Therefore, until such time as the sprayer





can be replaced, it will be flushed for approximately 2-minutes prior to use

- W-05F Flush of Kitchen braising pan sprayer < 1.0 ppb
- W-33 Sink Room B116 4.5 ppb

Pine-Richland Middle School

- MS-05 Kitchen Kettle 3.4 ppb
- MS-5F Kitchen kettle flush < 1.0 ppb

Pine-Richland High School

- HS-30 Kitchen Kettle, Outside Storage Room C, Left Removed from Service
- HS-31 Kitchen Kettle, Outside Storage Room C, Middle Removed from service
- HS-32 Kitchen Kettle, Outside Storage Room C, Right Removed from service
- HS-41 Water Fountain Room 114 < 1.0 ppb

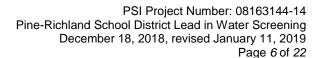
Detailed sample summary tables for each of the buildings sampled, including sample numbers and sources sampled, sample location and the laboratory results, are provided as attachments to this report, along with the laboratory analytical reports.

CONCLUSIONS

The EPA's "Lead and Copper Rule" (LCR) for Public Water suppliers (5CFR26460-26564) established an Action Level of 0.015 mg/L (15 ug/L or 15 ppb) for lead based on the 90th percentile level of tap water samples (1 L samples). EPA has recommended that schools collect 250 ml first draw water samples with an action Level of 20 ppb. New York State has further recommended that an Action Level for lead in drinking water be set at 15 ppb. For purposes of this report, the Woman for a Healthy Environment Action Level of 5 ppb has been set.

Based on the water sampling results, it appears as though the lead concentrations of the first draw water samples collected at the Pine Richland School buildings were within the recommended action levels, with the exception of two (2) locations:

- Sample W-05 collected from the Wexford Elementary kitchen braising pan sprayer had a concentration of 7.9 ppb following the December 2018 re-sampling and the flush sample from this location had a concentration < 1.0 ppb. Therefore, until such time as the sprayer can be replaced, it will be flushed for approximately 2minutes prior to use.
- Two locations from the Richland Elementary kitchen wash sinks were resampled on 12/20/18. The concentrations were 13.5 ppb (left) and 31.8 ppb (right). A sign identifying this location as non-potable water was installed until the faucets can be replaced and re-sampled.





RECOMMENDATIONS

The EPA recommends that "at a minimum, every outlet that is regularly used for cooking and drinking should be sampled." Periodic, routine testing is recommended. Regular testing can be valuable because it establishes a record of the water quality.

If any changes are made in the plumbing system, PSI recommends testing the outlets prior to regular use.

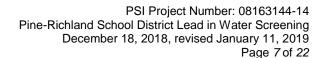
WARRANTY

The field observations, measurements, and research reported herein are considered sufficient in detail and scope to form for the analysis of the selected water quality parameters. The investigation and conclusions presented herein are based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report.

The water quality sampling and analysis has been developed to provide the client with information regarding select parameter concentrations in the water samples collected at the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the work.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. PSI does not accept responsibility for changes in the state of the art, nor for changes in the regulations. PSI believes that the findings and conclusions provided in this report are reasonable. However, no other warranties are implied or expressed.

This report for the above referenced property represents the product of PSI's professional expertise and judgment in the environmental and industrial hygiene consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the client.





PSI appreciates you selecting our services for your needs. Please contact us at 412-922-4000 x 383 should you have any questions regarding this report.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Jennifer Jacobs

Environmental Technician

Jamifu E. Jacoles

Michael Kopar, CIE

Project Manager

Attachments: Drinking Water Sampling Tables

Laboratory Analysis Report & Chain of Custody Records



850 Poplar Street Pittsburgh, PA 15220 phone: 412.922.4000 fax: 412.922.4043 intertek.com/building psiusa.com

TABLE 1.0 DRINKING WATER SAMPLES Eden Hall Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
E-01	Sink	Rm 204 Break Rm	First Draw	ND
E-02	Sink	Rm230 Guidance Office	First Draw	ND
E-03	Sink	Nurse Main Sink	First Draw	ND
E-04	Sink	Rm 236 Exam	First Draw	ND
E-05	WF	Rm 632	First Draw	ND
E-06	WF	Outside Rm 625 L	First Draw	ND
E-07	WF	Outside Rm 625 R	First Draw	ND
E-08	WF	Rm 608	First Draw	ND
E-09	WF	Outside Rm 614	First Draw	ND
E-10	Sink	Rm 803	First Draw	ND
E-11	WF	Outside Rm 814	First Draw	ND
E-12	Sink	Rm 823	First Draw	ND
E-13	WF	Outside Rm 825 L	First Draw	ND
E-14	WF	Outside Rm 825 R	First Draw	ND
E-15	Sink	Rm 832	First Draw	ND
E-16	Sink	Rm 332	First Draw	ND
E-17	Sink	Rm 333	First Draw	ND
E-18	WF	Outside Rm 325 L	First Draw	ND
E-19	WF	Outside Rm 325 R	First Draw	ND
E-20	Sink	Rm 323	First Draw	ND
E-21	Sink	Rm 302	First Draw	ND
E-22	Sink	Rm 308	First Draw	ND
E-23	WF	Outside Rm 314	First Draw	ND
E-24	Sink	Rm 312	First Draw	ND
E-25	Sink	Rm 313	First Draw	ND
E-26	WF	Rm 402 ACT Center L	First Draw	ND
E-27	Sink	Rm 402 ACT Rear L	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
E-28	Sink	Rm 402 ACT Rear R	First Draw	ND
E-29	Sink	Rm 402 ACT Front R	First Draw	ND
E-30	Sink	Rm 404 Library	First Draw	ND
E-31	Sink	Rm 503	First Draw	ND
E-32	Sink	Rm 505	First Draw	ND
E-33	WF	Outside Rm 514	First Draw	ND
E-34	Sink	Rm 513	First Draw	ND
E-35	Sink	Rm 512	First Draw	ND
E-36	Sink	Rm 522	First Draw	ND
E-37	Sink	Rm 523	First Draw	ND
E-38	WF	Outside Rm 525 L	First Draw	ND
E-39	WF	Outside Rm 525 R	First Draw	ND
E-40	Sink	Rm 532	First Draw	ND
E-41	Sink	Rm 533	First Draw	ND
E-42	Sink	Rm 220	First Draw	ND
E-43	Sink	Rm 242 R	First Draw	ND
E-44	Sink	Rm 242 L	First Draw	ND
E-45	WF	Outside Rm 125 L	First Draw	ND
E-46	WF	Outside Rm 125 R	First Draw	ND
E-47	Sink	Rm 125 Faculty	First Draw	ND
E-48	WF	Outside Cafeteria L	First Draw	ND
E-49	WF	Outside Cafeteria R	First Draw	ND
E-50	WF	Inside Cafeteria L	First Draw	ND
E-51	WF	Inside Cafeteria R	First Draw	ND
E-52	Kettle	Kitchen Far Left	First Draw	5.1
E-53	Kettle	Kitchen Middle	First Draw	ND
E-54	Kettle	Kitchen Right	First Draw	1.2
E-55	Sink	Kit Prep by Toaster	First Draw	ND
E-56	Sink	Kit Prep by Dry Storage	First Draw	2.6
E-57	Sink	Kitchen Prep by Door	First Draw	1.9

Bolded results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







November 30, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

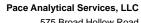
john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E01-204 BREAK RM	Lab ID: 707	1426001	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 11:4	5 7439-92-1	
Sample: E02-230 GUIDANCE	Lab ID: 707	1426002	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 11:5	4 7439-92-1	
Sample: E03- NURSE MAIN SINK	Lab ID: 707	1426003	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:0	3 7439-92-1	
Sample: E04-RM 236 EXAM	Lab ID: 707	1426004	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:0	06 7439-92-1	
Sample: E05- RM 632	Lab ID: 707	1426005	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:1	5 7439-92-1	
Sample: E06-OUTSIDE RM 625 LF	Lab ID: 707	1426006	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:1	8 7439-92-1	



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E07-OUTSIDE RM 625 RF	Lab ID: 707	1426007	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:2	1 7439-92-1	
Sample: E08-RN 608	Lab ID: 707	1426008	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:2	4 7439-92-1	
Sample: E09-OUTSIDE RM 614 F	Lab ID: 707	1426009	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:2	7 7439-92-1	
Sample: E10-RM 803	Lab ID: 707	1426010	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:3	0 7439-92-1	
Sample: E11-OUTSIDE RM 814 F	Lab ID: 707	1426011	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:3	3 7439-92-1	
Sample: E12-RM 823 S	Lab ID: 707	1426012	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:3	6 7439-92-1	



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Sample: E13-OUTSIDE RM 825 L F	Lab ID: 707	1426013	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:3	39 7439-92-1	
Sample: E14-OUTSIDE RM 825 R F	Lab ID: 707	1426014	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:4	12 7439-92-1	
Sample: E15- RM 832	Lab ID: 707	1426015	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:5	51 7439-92-1	
Sample: E16-RM 332	Lab ID: 707	1426016	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:5	55 7439-92-1	
Sample: E17-RM 333	Lab ID: 707	1426017	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 12:5	8 7439-92-1	
			Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Sample: E18-OUTSIDE RM 325 L F	Lab ID: 707	1426018	Odilected. 11/05/					
Sample: E18-OUTSIDE RM 325 L F Parameters	Lab ID: 707	71426018 Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
•		Units	Report Limit		Prepared	Analyzed	CAS No.	Qual



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E19-OUTSIDE RM325 R F	Lab ID: 707	1426019	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:0)4 7439-92-1	
Sample: E20-RM 323	Lab ID: 707	1426020	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200).8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:0	7439-92-1	
Sample: E21-RM 302	Lab ID: 707	1426021	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200).8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:1	6 7439-92-1	
Sample: E22-RM 308	Lab ID: 707	1426022	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200).8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:3	31 7439-92-1	
Sample: E23-OUTSIDE RM 314 F	Lab ID: 707	1426023	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:4	10 7439-92-1	
Sample: E24-RM 312	Lab ID: 707	1426024	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:4	3 7439-92-1	



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E25-RM 313	Lab ID: 707	1426025	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:4	6 7439-92-1	
Sample: E26-RM 4-2 ACT CNTR FL	Lab ID: 707	1426026	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:4	19 7439-92-1	
Sample: E27-RM 402 REAR L	Lab ID: 707	1426027	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:5	2 7439-92-1	
Sample: E28-RM 402 REAR R	Lab ID: 707	1426028	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 13:5	55 7439-92-1	
Sample: E29-RM 402 FRONT R	Lab ID: 707	1426029	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:0)4 7439-92-1	
Sample: E30-LIBRARY 404	Lab ID: 707	1426030	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E31-RM 503	Lab ID: 707	1426031	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:	10 7439-92-1	
Sample: E32-RM 505	Lab ID: 707	1426032	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:	13 7439-92-1	
Sample: E33-OUTSIDE RM 514 F	Lab ID: 707	1426033	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:	16 7439-92-1	
Sample: E34-RM 513	Lab ID: 707	1426034	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:	19 7439-92-1	
Sample: E35-RM 512	Lab ID: 707	1426035	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:2	22 7439-92-1	
Sample: E36-RM 522	Lab ID: 707	1426036	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:2	25 7439-92-1	



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 70/1426								
Sample: E37-RM 523	Lab ID: 707	1426037	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:2	8 7439-92-1	
Sample: E38-OUTSIDE RM 525 LF	Lab ID: 707	1426038	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:3	1 7439-92-1	
Sample: E39-OUTSIDE RM 525 R F	Lab ID: 707	1426039	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:4	0 7439-92-1	
Sample: E40-RM 532	Lab ID: 707	1426040	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 14:4	3 7439-92-1	
Sample: E41-RM 533	Lab ID: 707	1426041	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 15:0	1 7439-92-1	
Sample: E42-RM 220	Lab ID: 707	1426042	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00					



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Sample: E43-RM 242 R SINK	Lab ID: 707	1426043	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/29/18 15:2	26 7439-92-1	
Sample: E44-RM 242 L SINK	Lab ID: 707	1426044	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 15:2	29 7439-92-1	
Sample: E45-OUTSIDE RM125 LF	Lab ID: 707	1426045	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 15:3	32 7439-92-1	
Sample: E46-OUTSIDE RM125 RF	Lab ID: 707	1426046	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 15:3	35 7439-92-1	
Sample: E47-RM125 FACULTY	Lab ID: 707	1426047	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 15:3	88 7439-92-1	
Sample: E48-OUTSIDE CAFTERIA LF	Lab ID: 707	1426048	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Pace Project No.: 7071426								
Sample: E49-OUTSIDE CAFT RF	Lab ID: 707	1426049	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 15:4	4 7439-92-1	
Sample: E50-INSIDE CAFT LF	Lab ID: 707	1426050	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 15:5	3 7439-92-1	
Sample: E51-INSIDE CAFT RF	Lab ID: 707	1426051	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 15:5	6 7439-92-1	
Sample: E52-KETTLE FAR LEFT	Lab ID: 707	1426052	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	5.1	ug/L	1.0	1		11/29/18 15:5	9 7439-92-1	
Sample: E53-KETTLE MIDDLE	Lab ID: 707	1426053	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 16:0	2 7439-92-1	
Sample: E54-KETTLE RIGHT	Lab ID: 707	1426054	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	1.2	ug/L	1.0	1		11/29/18 16:0	5 7439-92-1	



Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Sample: E55-PREP SINK BY TOASTER	Lab ID: 707	1426055	Collected:	11/09/1	00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 16:0	08 7439-92-1	
Sample: E56-PREP SINK BY DRY STORAGE	Lab ID: 707	1426056	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	3.6	ug/L		1.0	1		11/29/18 16:1	11 7439-92-1	
Sample: E57-PREP SINK BY DOOR	Lab ID: 707	1426057	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead	1.9	ug/L		1.0	1		11/29/18 16:1	15 7439-92-1	



QUALITY CONTROL DATA

PINE RICHLAND- EDEN HALL Project:

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

QC Batch: 91985 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071426001, 7071426002, 7071426003, 7071426004, 7071426005, 7071426006, 7071426007, 7071426008, Associated Lab Samples:

7071426019, 7071426010, 7071426011, 7071426012, 7071426013, 7071426014, 7071426015, 7071426016,

7071426017, 7071426018, 7071426019, 7071426020

METHOD BLANK: 424219 Matrix: Water

 $7071426001, 7071426002, 7071426003, 7071426004, 7071426005, 7071426006, 7071426007, 7071426008, \\7071426009, 7071426010, 7071426011, 7071426012, 7071426013, 7071426014, 7071426015, 7071426016, \\7071426011, 7071426011, 7071426011, 7071426011, \\7071426011, 7071426011, 7071426011, \\7071426011, 7071426011, \\7071426011, 7071426011, \\7071426011, 7071426011, \\7071426011,$ Associated Lab Samples:

Blank

Reporting

7071426017, 7071426018, 7071426019, 7071426020

Parameter	Units	Result	Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1.0	0 11/29/18 11:	39		
LABORATORY CONTROL SAMPLE:	424220	Spike	LCS	LCS	% Rec		
Parameter	Units	•	Result	% Rec	Limits	Qualifiers	
Lead	ug/L	50	48.5	97	85-115		
MATRIX SPIKE SAMPLE:	424223						
Parameter	Units	7071426001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1	1.0 2	2.4	113	70-130	
MATRIX SPIKE SAMPLE:	424225						
Parameter	Units	7071426002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<u> </u>	1.0 2	2.9	118	70-130	
SAMPLE DUPLICATE: 424222							
Parameter	Units	7071426001 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0	0		_	
SAMPLE DUPLICATE: 424224							
Parameter	Units	7071426002 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0	0	_	_	

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QUALITY CONTROL DATA

Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Lead

Date: 11/30/2018 02:11 PM

QC Batch: 91986 Analysis Method: EPA 200.8

ug/L

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071426021, 7071426022, 7071426023, 7071426024, 7071426025, 7071426026, 7071426027, 7071426028,

7071426029, 7071426030, 7071426031, 7071426032, 7071426033, 7071426034, 7071426035, 7071426036,

7071426037, 7071426038, 7071426039, 7071426040

METHOD BLANK: 424226 Matrix: Water

 $Associated\ Lab\ Samples: \quad 7071426021, 7071426022, 7071426023, 7071426024, 7071426025, 7071426026, 7071426027, 7071426028, \\ 7071426021, 7071426022, 7071426023, 7071426024, 7071426025, 7071426026, 7071426027, \\ 7071426021, 7071426022, 7071426023, 7071426024, 7071426025, \\ 7071426021, 7071426021, 7071426023, \\ 7071426021, 7071426023, \\ 7071426023, 7071426024, \\ 7071426024, \\ 7071426025, \\ 7071426026, \\ 7071426027, \\ 7071426028, \\ 707142602, \\ 707142602, \\ 707142602, \\ 707$

7071426029, 7071426030, 7071426031, 7071426032, 7071426033, 7071426034, 7071426035, 7071426036,

7071426037, 7071426038, 7071426039, 7071426040

7 67 1 1261		Blank	Reporting				
Parameter	Units	Result	Limit	Analyzed	Qualifie	rs	
Lead	ug/L	<1.0	1.0	11/29/18 13:	10		
LABORATORY CONTROL SAMPLE:	424227						
Parameter	Units	'	CS esult	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	48.4	97	85-115		
MATRIX SPIKE SAMPLE:	424229						
Parameter	Units	7071426021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.5	113	70-130	
MATRIX SPIKE SAMPLE:	424231						
Parameter	Units	7071426022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.4	113	70-130	
SAMPLE DUPLICATE: 424228							
Parameter	Units	7071426021 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)		_	
SAMPLE DUPLICATE: 424230							
Parameter	Units	7071426022 Result	Dup Result	RPD	Qualifiers		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

<1.0

<1.0



QUALITY CONTROL DATA

PINE RICHLAND- EDEN HALL Project:

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

QC Batch: 91988 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071426041, 7071426042, 7071426043, 7071426044, 7071426045, 7071426046, 7071426047, 7071426048, Associated Lab Samples: 7071426049, 7071426050, 7071426051, 7071426052, 7071426053, 7071426054, 7071426055, 7071426056,

7071426057

METHOD BLANK: 424232 Matrix: Water

7071426041, 7071426042, 7071426043, 7071426044, 7071426045, 7071426046, 7071426047, 7071426048, 7071426049, 7071426050, 7071426051, 7071426052, 7071426053, 7071426054, 7071426055, 7071426056, 7071Associated Lab Samples:

Blank

Reporting

Parameter	Units	Result	Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1	.0 11/29/18 14:	46		
LABORATORY CONTROL SAMPLE:	424233						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	48.7	97	85-115		
MATRIX SPIKE SAMPLE:	424235						
Parameter	Units	7071426041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L		1.0 2	2.4	111	70-130	
MATRIX SPIKE SAMPLE:	424237						
Parameter	Units	7071426042 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<	1.0 2	2.6	112	70-130	
SAMPLE DUPLICATE: 424234							
Parameter	Units	7071426041 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1	.0		_	
SAMPLE DUPLICATE: 424236							
Parameter	Units	7071426042 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0		_			

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QUALIFIERS

Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 11/30/2018 02:11 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
7071426001	E01-204 BREAK RM	EPA 200.8	91985	_	
7071426002	E02-230 GUIDANCE	EPA 200.8	91985		
071426003	E03- NURSE MAIN SINK	EPA 200.8	91985		
7071426004	E04-RM 236 EXAM	EPA 200.8	91985		
071426005	E05- RM 632	EPA 200.8	91985		
071426006	E06-OUTSIDE RM 625 LF	EPA 200.8	91985		
071426007	E07-OUTSIDE RM 625 RF	EPA 200.8	91985		
071426008	E08-RN 608	EPA 200.8	91985		
071426009	E09-OUTSIDE RM 614 F	EPA 200.8	91985		
	E10-RM 803	EPA 200.8	91985		
071426011	E11-OUTSIDE RM 814 F	EPA 200.8	91985		
071426012	E12-RM 823 S	EPA 200.8	91985		
071426013	E13-OUTSIDE RM 825 L F	EPA 200.8	91985		
	E14-OUTSIDE RM 825 R F	EPA 200.8	91985		
	E15- RM 832	EPA 200.8	91985		
	E16-RM 332	EPA 200.8	91985		
	E17-RM 333	EPA 200.8	91985		
	E18-OUTSIDE RM 325 L F	EPA 200.8	91985		
	E19-OUTSIDE RM325 R F	EPA 200.8	91985		
	E20-RM 323	EPA 200.8	91985		
	E21-RM 302	EPA 200.8	91986		
	E22-RM 308	EPA 200.8	91986		
071426023	E23-OUTSIDE RM 314 F	EPA 200.8	91986		
071426024	E24-RM 312	EPA 200.8	91986		
071426025	E25-RM 313	EPA 200.8	91986		
071426026	E26-RM 4-2 ACT CNTR FL	EPA 200.8	91986		
071426027	E27-RM 402 REAR L	EPA 200.8	91986		
071426028	E28-RM 402 REAR R	EPA 200.8	91986		
071426029	E29-RM 402 FRONT R	EPA 200.8	91986		
071426030	E30-LIBRARY 404	EPA 200.8	91986		
071426031	E31-RM 503	EPA 200.8	91986		
071426032	E32-RM 505	EPA 200.8	91986		
071426033	E33-OUTSIDE RM 514 F	EPA 200.8	91986		
071426034	E34-RM 513	EPA 200.8	91986		
071426035	E35-RM 512	EPA 200.8	91986		
071426036	E36-RM 522	EPA 200.8	91986		
071426037	E37-RM 523	EPA 200.8	91986		
071426038	E38-OUTSIDE RM 525 LF	EPA 200.8	91986		
071426039	E39-OUTSIDE RM 525 R F	EPA 200.8	91986		
071426040	E40-RM 532	EPA 200.8	91986		
	E41-RM 533	EPA 200.8	91988		
	E42-RM 220	EPA 200.8	91988		
	E43-RM 242 R SINK	EPA 200.8	91988		
071426044	E44-RM 242 L SINK	EPA 200.8	91988		
071426045	E45-OUTSIDE RM125 LF	EPA 200.8	91988		
071426046	E46-OUTSIDE RM125 RF	EPA 200.8	91988		
7071426047	E47-RM125 FACULTY	EPA 200.8	91988		
071426048	E48-OUTSIDE CAFTERIA LF	EPA 200.8	91988		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- EDEN HALL

Pace Project No.: 7071426

Date: 11/30/2018 02:11 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071426049	E49-OUTSIDE CAFT RF	EPA 200.8	91988		
7071426050	E50-INSIDE CAFT LF	EPA 200.8	91988		
7071426051	E51-INSIDE CAFT RF	EPA 200.8	91988		
7071426052	E52-KETTLE FAR LEFT	EPA 200.8	91988		
7071426053	E53-KETTLE MIDDLE	EPA 200.8	91988		
7071426054	E54-KETTLE RIGHT	EPA 200.8	91988		
7071426055	E55-PREP SINK BY TOASTER	EPA 200.8	91988		
7071426056	E56-PREP SINK BY DRY STORAGE	EPA 200.8	91988		
7071426057	E57-PREP SINK BY DOOR	EPA 200.8	91988		

WO#:7071426

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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WO#:7071426

PM: JDS Due Date: 12/03/18

CLIENT: PSIC

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Project No./ Lab I.D. DRINKING WATER SAMPLE CONDITIONS 2227079 OTHER 260 ö 653 055 057 053 054 150 7 × GROUND WATER Residual Chlorine (Y/N) age: REGULATORY AGENCY RCRA PA Requested Analysis Filtered (Y/N) 11.45 TIME Site Location STATE 5118 NPDES DATE UST ACCEPTED BY / AFFILIATION Whilliam heemen resq Analysis Test NIA Other Methanol Preservatives COSSEN HOBM Same HCI invoice Information; HNO Company Name OSZH Manager Paco Profile # Section C Pace Cuota Reference: Pace Project Affention: Unpreserved Address: 到 # OF CONTAINERS SAMPLE TEMP AT COLLECTION 11/9/18 DATE TIME 2 COMPOSITE DATE COLLECTED RELINQUISHED BY / AFFILIATION Purchase Order No.: 08163144-14 Project Name: Pine Richland -TIME Madeleine Hoopes/ PSI START 11/9/18 DATE Required Project Information Same U (G=GRAB C=COMP) SAMPLE TYPE MO Project Number (see valid codes to left) **BUOD XIMTAM** Report To: Copy To: dry Stores WHW THE WAS TO Hoaster Matrix Codes Joor Drinking Water
Water
Waste Water
Product
SolkSolid
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Cither イイタナ "4"12-922-4000 FT12-922-4043 Email To: mike.kopar@psiusa.com Pittsburgh PA 15220 3 Requested Due Date/TAT: Standard ADDITIONAL COMMENTS 850 Poplar Street (A-Z, 0-9 / .-) Sample (Ds MUST BE UNIQUE rPOSIN SAMPLEID Required Client Information: Required Clerit information 2 Sompany. PSI 53 Section D 5 5 2 10 11 22 # Mari a

Important Note. By segraing this form you are accepting Place's NET 30 day peyment terms and agreeing to late charges of 1.5% per month for any invoices nat paid writin 30 days.

SIGNATURE of SAMPLER:

(N/A)

Custody Sealed Cooler (Y/N)

Received on (ce (Y/N)

J. ni qmoT

10/9/18

DATE Signed (MM/DD/YY):

Deidre Morrison

SAMPLER NAME AND SKSNATURE PRINT Name of SAMPLER:

ORIGINAL

Page 23 of 24

F-ALL-Q-020rev.07, 15-May-2007



Sample Condition Upon Receipt

Client Name: Project	Pace Analytical						WU#:707	1426
Custedy Sead on Cooler/Box Present: Yes No Seals Intact: Yes No Temperature Blank Present: Yes Mo Seals Intact: Yes No Temperature Blank Present: Yes Mo Packing Material: Bubble Wisp Bubble Bags Zalpic More Diber Type of face: Well Bike More Samples on face, cooling process has begun Cooler Temperature (°C): Cooler Temperature Corrected (°C): Dato Time 5035A kits placed in frozzer Temps bould be above freezing to 6.0°C Cooler Temperature Corrected (°C): Dato Time 5035A kits placed in frozzer Temps bould be above freezing to 6.0°C Dato And Initials of person examining contents: More M	į.	Client N	State of the same		F	Projec		
Courier: Fed Ex_ UPS UPS UPS Client Commercial Pace Other Tracking #: Cracking Material: Bubble Wrap Bubble Bags Ziploc Mone Other Thermmeter Used: #1693 Correction Factor: Samples on itoe, cooling process has begun Cooler Temperature (*C): Cooler Temperature Corrected (*C): Dato and initiats or person examining contents. UPS Mo Packing Material: MA, water sample) Dato and initiats or person examining contents. UPS Mo MN (M, CO, CO, CO, So. TH, TX, or YK (Pricex Imap)? YES MO MN (M, CO, CO, CO, So. TH, TX, or YK (Pricex Imap)? YE		-)2IC				CLIENT: PSIC	rate: 12/03/18
Custody Seal on Cooler/Box Present: Yes No Seals Intact: Yes No Temporature Elank Present: Yes No Packing Material: Bubble Wrap Bubble Bags Ziplo Seals Intact: Yes No Typo of Ioc: Wet Blue Non Yes Seals No Typo of Ioc: Wet Blue Non Yes No Typo of Ioc: Wet Blue Non Yes Samples on Ioc, cooling process has begun Yes No Seals No Se	Courier: Fed Ex UPS USPS Cli	ent Comme	rcial 🗌 Pa	ace Dth	ner		1010	
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Tomp should be above freezing to 6,0°C USDA Regulated Soil (N/A, water sample) Date and Initials of person examining contents:	Thermometer Used: 1H091	Correction	on Factor:	0	$\mathcal{O}_{\underline{}}$	[Samples on ice, cooling	process has begun
Date and Initials of porson examining contents (Cooler Temperature (°C):	Cooler Te	mperature	Correcte	ed (°C):		Date/Time 5035A kits p	laced in freezer
Del samples originate in a quariantine zone within the United Status. AL, AR, CA, FL, GA, ID, LA, MG, NC, Dellar surpriso originate from a foreign source inferentin in NA, NY, OK, OR, SC, TN, TX, or VA (check mapp?) YES NO NA, NY, OK, OR, SC, TN, TX, or VA (check mapp?) YES NO NA, NY, OK, OR, SC, TN, TX, or VA (check mapp?) YES NO NA NA NA NA NA NA NA					Date and	Initials of	nerson examining conte	nts Whalish
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Chain of Custody Relinquished: II Tes to claim queenen,				1				
Chain of Custody Relinquished: Chain of Custody Relinquished: Eves Inho Samples Arrived within Hold Time: Eves Inho Samples Arrived within Hold Time: Eves Inho Samples Arrived within Hold Time: Eves Inho Somethin Analysis (72/br): Ives Inho Somethin Analysis (72/br): Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Triple volume provided for MS/MSD (Ives Inho Sufficient Volume: (Chain of Custody Present:	Yes	□No		1.			
Chain of Custody Relinquished: Sampler Name & Signature on COC: Sampler Labels match COC: Includes datefrimefoll/Analysis Matrix St. Sollt All containers needing preservation have been checked Pres In No In No Sampler Labels match COC: Includes datefrimefoll/Analysis Matrix St. Sollt All containers needing preservation are found to be in compliance with EPA recommendation? (HNO, H1,SO, HC, NaOH-9 Suthide) NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide NAOH-12 Cyanide Exceptions: VOA, Celiforn, TOC/DOC, Oil and Grease, DRORO(S) Suthide Presidual chlorine strips Lot # Positive for Res. Chlorine? Y N Headspace in VOA Vials (>6 mm): Pres Blank Lot # (if applicable): Field Data Required? Y / N Pace Tine Blank Lot # (if applicable): Client Notification/ Resolution: Field Data Required? Y / N Date/Time:		-	October 1		2.			
Sampler Name & Signature on COC:		/			3.			
Samples Arrived within fold Time: Yes		-/-		□N/A	4.			
Short Hold Time Analysis (-72ht):		/			5.			
Rush Turn Around Time Requested:								
Sufficient Volume: (Triple volume provided for MS/MSD) Yes			_		1000			
Correct Containers Used: -Pace Containers Intact:			14-14-16					
Pace Containers Used: TYes							*	
Containers Intact:				_				
Filtered volume received for Dissolved tests Yes No India Note if sediment is visible in the dissolved container. Filtered volume received for Dissolved tests Yes No India Note if sediment is visible in the dissolved container. Filtered volume received for Dissolved tests Yes No India				10				
Sample Labels match COC: -includes date/time/ID/Analysis Matrix SL VOIL All containers needing preservation have been checked lifes No		180000000	2000000	DINE		nte if sedime	ent is visible in the dissolved co	ntainer
-Includes date/time/ID/Analysis Matrix SL MTOIL All containers needing preservation have been checked Eyes No N/A 13. HNO3 H2SO4 NAOH HCI PH paper Lot # HCC5 TUG6 All containers needing preservation are found to be in compliance with EPA recommendation? (HNO5, H2SO4, HCI, NaOH>9 Sulfide, Yes No N/A NAOH+12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRC/G015 (water) Per Method, VOA pH is checked after analysis Samples checked for dechlorination: Yes No N/A KI starch test strips Lot # Positive for Res. Chlorine? Y N Headspace in VOA Vials (>6mm); Yes No N/A Headspace in VOA Vials (>6mm); Yes No N/A Frip Blank Present: Yes No N/A Pace Trip Blank Lot # (if applicable); Field Data Required? Y / N Person Contacted: Date/Time:				LIMA		ote ii sediiii	ent is visions in the dissolved be	mand.
All containers needing preservation have been checked Pyes	A-100 market and a second and a				12.			
pH paper Lot # HC85 1466 All containers needing preservation are found to be in compliance with EPA recommendation? (HNO,, H,SO ₄ , HCI, NaOH>9 Sulfide, DYes DNO DN/A NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRC/i6015 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination: DYes DNO DN/A KI starch test strips Lot # Residual chlorine strips Lot # Headspace in VOA Vials (>6mm): DYes DNO DN/A Trip Blank Present: DYes DNO DN/A Trip Blank Custody Seals Present DYes DNO DN/A Pace Trip Blank Lot # (if applicable): Client Notification/ Resolution: Person Contacted: Date/Time:			67. 1	- Chill	40 [LHNO	ПН8О ПМэОН	L HG
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO, H ₂ SO ₄ , HCI, NaOH>9 Sulfide, MAOH>12 Cyanide) Exceptions; VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination:	to the second se	LiYes	LINo	LINA	13.	1 11103	112304 114a011	ППО
compliance with EPA recommendation? (HNO., H ₂ SO ₄ , HCI, NaOH>9 Sulfide, DYes DNO DN/A NAOH>12 Cyanide) Exceptions; VOA, Coliform, TOC/DOC, Oil and Grease, DRO/80155 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination: DYes DNO DN/A KI starch test strips Lot # Residual chlorine strips Lot # Headspace in VOA Vials (>6mm); DYes DNO DN/A Trip Blank Present: DYes DNO DN/A Trip Blank Custody Seals Present DYes DNO DN/A Pace Trip Blank Lot # (if applicable): Client Notification/ Resolution: Person Contacted: Date/Time:					Sample #			
(HNO., H ₂ SO ₄ , HCI, NaOH>9 Sulfide, MAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination:		/			oumpie ii			
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination: Yes No Nr/A 14. KI starch test strips Lot # Residual chlorine strips Lot # Headspace in VOA Vials (>6mm): Yes No Nr/A 15. Trip Blank Present: Yes No Nr/A 16. Trip Blank Custody Seals Present Yes No Nr/A 16. Trip Blank Lot # (if applicable): Field Data Required? Y / N Date/Time: Person Contacted: Date/Time: Person Contacted: Person Contacted	(HNO ₃ , H₂SO ₄ , HCI, NaOH>9 Sulfide,	□Yes	□No	□N/A	İ			
DRO/8015 (water). Per Method, VOA pH is checked after analysis Samples checked for dechlorination: Yes	NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grea	se,						
Samples checked for dechlorination:	DRO/8015 (water).				Initial when	completed:	Lot # of added preservative:	Date/Time preservative added
KI starch test strips Lot # Residual chlorine strips Lot # Headspace in VOA Vials (>6mm):		□Yes	□No	DNA	14.		+	
Headspace in VOA Vials (>6mm):	Market Control of the							
Trip Blank Present: Yes	Residual chlorine strips Lot #				Po	sitive for Re	es. Chlorine? Y N	
Trip Blank Custody Seals Present	Headspace in VOA Vials (>6mm):	□Yes	□No	AINE	15,			
Pace Trip Blank Lot # (if applicable): Client Notification/ Resolution: Person Contacted: Date/Time:	Trip Blank Present:	□Yes	□No	□N/A	16.			
Client Notification/ Resolution: Field Data Required? Y / N Person Contacted: Date/Time:	Trip Blank Custody Seals Present	□Yes	□No	DNA				
Person Contacted: Date/Time:	Pace Trip Blank Lot # (if applicable):							
result confidence.	Client Notification/ Resolution:				Field Data I	Required?	Y / N	*
Comments/ Resolution:	Person Contacted:			-	D:	ate/Time:		
	Comments/ Resolution:							



TABLE 2.0 DRINKING WATER SAMPLES Hance Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
H-01	Sink	Office	First Draw	ND
H-02	WF	Office Bathroom	First Draw	ND
H-03	Sink	Main Nurse Office	First Draw	ND
H-04	Sink	Nurse Exam F	First Draw	1.0
H-05	WF	Rm 104 Gym	First Draw	ND
H-06	WF	Rm 113 Music	First Draw	ND
H-07	WF	Rm 108 L	First Draw	1.1
H-08	WF	Rm 108 R	First Draw	ND
H-09	WF	Rm 107	First Draw	ND
H-10	Sink	Rm 106	First Draw	ND
H-11	Sink	Rm 117	First Draw	ND
H-12	Sink	Rm 118	First Draw	ND
H-13	WF	Outside Rm 117	First Draw	ND
H-14	WF	Outside Rm 121	First Draw	ND
H-15	Sink	Rm 121	First Draw	4.5
H-16	Sink	Rm 120	First Draw	ND
H-17	Sink	Rm 119	First Draw	ND
H-18	WF	Garage	First Draw	3.0
H-19	Sink	Rm 124	First Draw	10.1
H-20	WF	Outside Library	First Draw	ND
H-21	Sink	Rm 127	First Draw	ND
H-22	WF	Rm 128	First Draw	ND
H-23	WF	Rm 129	First Draw	ND
H-24	WF	Rm 130	First Draw	ND
H-25	WF	Rm 131	First Draw	ND
H-26	WF	Rm 132	First Draw	ND
H-27	WF	Rm 134	First Draw	ND
H-28	WF	Rm 133	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
H-29	WF	Outside Rm 139	First Draw	ND
H-30	WF	Outside Rm 140	First Draw	ND
H-31	Sink	Rm 139	First Draw	ND
H-32	Sink	Rm 140	First Draw	ND
H-33	WF	Rm 155	First Draw	ND
H-34	WF	Rm 138	First Draw	ND
H-35	WF	Playground	First Draw	5.1
H-36	WF	Rm 136	First Draw	ND
H-37	WF	Rm 137	First Draw	ND
H-38	WF	Faculty Rm 145	First Draw	ND
H-39	Sink	Rm 141	First Draw	ND
H-40	WF	Rm 144	First Draw	ND
H-41	WF	Rm 142	First Draw	ND
H-42	WF	Rm 143	First Draw	ND
H-43	WF	Outside Gym	First Draw	ND
H-44	Sink	Conference Rm 105	First Draw	ND
H-45	Kettle	Braising Skillet Sprayer	First Draw	25.5
H-46	Kettle	Kitchen Kettle (Right)	First Draw	3.2
H-47	Sink	Kitchen Main	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





Pace Analytical www.pacelabs.com

Melville, NY 11747 (631)694-3040

CERTIFICATIONS

Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 70/1428								
Sample: H1-OFFICE SINK	Lab ID: 707	1428001	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 22:5	52 7439-92-1	
Sample: H2-BATH F IN OFFICE	Lab ID: 707	1428002	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 23:0)1 7439-92-1	
Sample: H3-NURSE MAIN F	Lab ID: 707	1428003	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 23:1	6 7439-92-1	
Sample: H4-NURSE 102 B EXAM F	Lab ID: 707	1428004	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	1.0	ug/L	1.0	1		11/29/18 23:1	9 7439-92-1	
Sample: H5-RM 104 GYM F	Lab ID: 707	1428005	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 23:2	22 7439-92-1	
Sample: H6-RM 113 MUSIC F	Lab ID: 707	1428006	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 70/1428									
Sample: H7-RM 108 F	Lab ID: 707	1428007	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	8.00						
Lead	1.1	ug/L		1.0	1		11/29/18 23:2	9 7439-92-1	
Sample: H8-RM 108 F	Lab ID: 707	1428008	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 23:3	1 7439-92-1	
Sample: H9-RM 107 F	Lab ID: 707	1428009	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 23:3	5 7439-92-1	
Sample: H10-RM 106 SINK	Lab ID: 707	1428010	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 23:3	8 7439-92-1	
Sample: H11- RM 117	Lab ID: 707	1428011	Со	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 23:4	1 7439-92-1	
Sample: H12-RM 118	Lab ID: 707	1428012	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/29/18 23:5	0 7439-92-1	



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 70/1428								
Sample: H13-OUTSIDE RM 117 F	Lab ID: 707	1428013	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	8.00					
Lead	<1.0	ug/L	1.0	1		11/29/18 23:5	3 7439-92-1	
Sample: H14-OUTSIDE RM 121 F	Lab ID: 707	1428014	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 23:5	66 7439-92-1	
Sample: H15-RM 121	Lab ID: 707	1428015	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	4.5	ug/L	1.0	1		11/29/18 23:5	9 7439-92-1	
Sample: H16-RM 120	Lab ID: 707	1428016	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:0	2 7439-92-1	
Sample: H17-RM 119	Lab ID: 707	1428017	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:0	5 7439-92-1	
Sample: H18-GARAGE F	Lab ID: 707	1428018	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 7071428								
Sample: H19-RM 124	Lab ID: 707	1428019	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	10.1	ug/L	1.0	1		11/30/18 00:1	1 7439-92-1	
Sample: H20-OUTSIDE LIBRARY F	Lab ID: 707	1428020	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:1	4 7439-92-1	
Sample: H21-RM 127 SINK	Lab ID: 707	1428021	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:2	9 7439-92-1	
Sample: H22-RM 128	Lab ID: 707	1428022	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:3	88 7439-92-1	
Sample: H23-RM 129	Lab ID: 707	1428023	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:4	7 7439-92-1	
Sample: H24-RM 130	Lab ID: 707	1428024	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 00:5	0 7439-92-1	



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 70/1428								
Sample: H25-RM 131	Lab ID: 707	1428025	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.	0 1		11/30/18 00:5	53 7439-92-1	
Sample: H26-RM 132	Lab ID: 707	1428026	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.	0 1		11/30/18 01:0)2 7439-92-1	
Sample: H27-RM 134	Lab ID: 707	1428027	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.	0 1		11/30/18 01:0	05 7439-92-1	
Sample: H28-RM 133	Lab ID: 707	1428028	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.	0 1		11/30/18 01:0	08 7439-92-1	
Sample: H29-OUTSIDE RM 139 F	Lab ID: 707	1428029	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.	0 1		11/30/18 01:	11 7439-92-1	
Sample: H30-OUTSIDE RM 140	Lab ID: 707	1428030	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limi	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0							



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

ults —— rtical Meth	1428031 Units nod: EPA 20		Report Limit	8 00:00 DF	Received: Prepared	11/15/18 11:45 Analyzed	Matrix: Drinking CAS No.	Water Qual
rtical Meth		 00.8	Report Limit	DF	Prepared	Analyzed	CAS No.	Oual
	nod: EPA 20	00.8						— Quai
<1.0		00.0						
	ug/L		1.0	1		11/30/18 01:1	7 7439-92-1	
ID: 707	1428032	Co	lected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
ults	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
rtical Meth	nod: EPA 20	8.00						
<1.0	ug/L		1.0	1		11/30/18 01:2	0 7439-92-1	
ID: 707	1428033	Co	lected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
ults	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
rtical Meth	nod: EPA 20	8.00						
<1.0	ug/L		1.0	1		11/30/18 01:2	3 7439-92-1	
ID: 707	1428034	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
ults	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
rtical Meth	nod: EPA 20	8.00						
<1.0	ug/L		1.0	1		11/30/18 01:2	6 7439-92-1	
ID: 707	1428035	Co	lected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
ults	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
rtical Meth	nod: EPA 20	8.00						
5.1	ug/L		1.0	1		11/30/18 01:2	9 7439-92-1	
ID: 707	1428036	Co	llected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
ults	Units		Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
rtical Meth	nod: EPA 20	8.00						
<1.0	ug/L		1.0	1		11/30/18 01:3	8 7439-92-1	
	rtical Meth <1.0 ID: 707 Ilts rtical Meth <1.0 ID: 707 Ilts rtical Meth <1.0 ID: 707 Ilts rtical Meth <1.0 ID: 707 Ilts rtical Meth 5.1 ID: 707 Ilts rtical Meth	tical Method: EPA 20 1D: 7071428033 alts	tical Method: EPA 200.8 <1.0	tical Method: EPA 200.8 <1.0	Tical Method: EPA 200.8	tical Method: EPA 200.8 <1.0	tical Method: EPA 200.8 1.0 ug/L 1.0 1 11/30/18 01:2 1.0 ug/L 1.0 1 11/30/18 01:2 1.0 ug/L 1.0 1 11/30/18 11:45 1.0 ug/L 1.0 1 11/30/18 11:45 1.0 ug/L 1.0 1 11/30/18 01:2 1.0 ug/L 1.0 1 11/30/18 11:45 1.0 ug/L 1.0 1 11/30/18 01:2 tical Method: EPA 200.8 1.0	



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Pace Project No.: 7071428								
Sample: H37-RM 137	Lab ID: 707	1428037	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 01:4	12 7439-92-1	
Sample: H38-RM 145 FACULTY	Lab ID: 707	1428038	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 01:4	14 7439-92-1	
Sample: H39-RM 141	Lab ID: 707	1428039	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 01:4	18 7439-92-1	
Sample: H40-RM 144	Lab ID: 707	1428040	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 01:5	50 7439-92-1	
Sample: H41-RM 142	Lab ID: 707	1428041	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/29/18 22:2	22 7439-92-1	
Sample: H42-RM 143	Lab ID: 707	1428042	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Sample: H43-OUTSIDE GYM F	Lab ID: 707	1428043	Collected: '	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report I	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/29/18 22:2	28 7439-92-1	
Sample: H44- RM 105 CONF	Lab ID: 707	1428044	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report I	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/29/18 22:3	37 7439-92-1	
Sample: H45-KITCHEN L KETTLE	Lab ID: 707	1428045	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report I	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	25.5	ug/L		1.0	1		11/29/18 22:4	10 7439-92-1	
Sample: H46- KITCHEN R KETTLE	Lab ID: 707	1428046	Collected: 1	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report I	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	3.2	ug/L		1.0	1		11/29/18 22:4	13 7439-92-1	
Sample: H47-KITCHEN MAIN SINK	Lab ID: 707	1428047	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report I	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 13:3	30 7439-92-1	



PINE RICHLAND- HANCE Project:

Pace Project No.: 7071428

QC Batch: 92855 Analysis Method:

EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description:

200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071428041, 7071428042, 7071428043, 7071428044, 7071428045, 7071428046

METHOD BLANK: 428808 Matrix: Water

Associated Lab Samples:

7071428041, 7071428042, 7071428043, 7071428044, 7071428045, 7071428046

Blank

50

Reporting

Parameter

Parameter

Parameter

Parameter

Parameter

Parameter

Date: 12/03/2018 12:25 PM

Units

Result

Limit Analyzed

Qualifiers

Lead

Lead

Lead

Lead

ug/L

Units

ug/L

ug/L

Units

ug/L

<1.0

1.0 11/29/18 21:08

97

3.7

4.6

0

1

LABORATORY CONTROL SAMPLE: 428809

Spike Conc.

LCS Result

1.3

2.0

1.3

2.0

LCS % Rec % Rec Limits

Qualifiers

7071892062 Units Result

Spike Conc.

2

2

1.4

2.0

48.6

MS Result

MS % Rec

117

131

85-115

% Rec Limits

70-130

70-130 M1

Qualifiers

MATRIX SPIKE SAMPLE:

MATRIX SPIKE SAMPLE:

428813

428811

7071892063 Result

Spike Conc.

MS Result

MS % Rec % Rec Limits

Qualifiers

SAMPLE DUPLICATE: 428810

ug/L

ug/L

7071892062 Units Result

Dup Result

RPD

Qualifiers

Lead

Lead

SAMPLE DUPLICATE: 428812

7071892063 Result Units

Dup Result

RPD

Qualifiers

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



PINE RICHLAND- HANCE Project:

Pace Project No.: 7071428

Lead

Date: 12/03/2018 12:25 PM

QC Batch: 92911 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071428001, 7071428002, 7071428003, 7071428004, 7071428005, 7071428006, 7071428007, 7071428008, Associated Lab Samples:

7071428009, 7071428010, 7071428011, 7071428012, 7071428013, 7071428014, 7071428015, 7071428016,

7071428017, 7071428018, 7071428019, 7071428020

METHOD BLANK: 428925 Matrix: Water

 $7071428001, 7071428002, 7071428003, 7071428004, 7071428005, 7071428006, 7071428007, 7071428008, \\7071428009, 7071428010, 7071428011, 7071428012, 7071428013, 7071428014, 7071428015, 7071428016, \\7071428010, 7071428010, 7071428010, 7071428010, 7071428010, 7071428010, 7071428010, \\7071428010, 7071428010, 7071428010, 7071428010, \\7071428010, 7071428010, 7071428010, \\7071428010, 7071428010, \\7071428010, 7071428010, \\7071428010, 7071428010, \\7071428010, 7071428010, \\7071428010, 7071428010, \\7071428010, 7071428010, \\70714280$ Associated Lab Samples:

Blank

Reporting

7071428017, 7071428018, 7071428019, 7071428020

Parameter	Units	Result	Limit	Analyzed	Qualific	ers	
Lead	ug/L	<1.0	1.0	11/29/18 22:	46		
LABORATORY CONTROL SAMPLE:	428926	Conillia	1.00	1.00	0/ Da-		
Parameter	Units		LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	49.4	99	85-115		
MATRIX SPIKE SAMPLE:	428928						
Parameter	Units	7071428001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.		2.6	12		
MATRIX SPIKE SAMPLE:	428930						
Parameter	Units	7071428002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.	.0 2	3.0	130	70-130	
SAMPLE DUPLICATE: 428927							
Parameter	Units	7071428001 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.()			
SAMPLE DUPLICATE: 428929							
Parameter	Units	7071428002 Result	Dup Result	RPD	Qualifiers		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

<1.0

<1.0

ug/L



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

SAMPLE DUPLICATE:

Date: 12/03/2018 12:25 PM

Lead

Parameter

428935

QC Batch: 92912 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071428021, 7071428022, 7071428023, 7071428024, 7071428025, 7071428026, 7071428027, 7071428028,

7071428029, 7071428030, 7071428031, 7071428032, 7071428033, 7071428034, 7071428035, 7071428036,

7071428037, 7071428038, 7071428039, 7071428040

METHOD BLANK: 428931 Matrix: Water

Associated Lab Samples: 7071428021, 7071428022, 7071428023, 7071428024, 7071428025, 7071428026, 7071428027, 7071428028,

Blank

7071428029, 7071428030, 7071428031, 7071428032, 7071428033, 7071428034, 7071428035, 7071428036,

Reporting

7071428037, 7071428038, 7071428039, 7071428040

Result Qualifiers Parameter Units Limit Analyzed Lead 11/30/18 00:17 ug/L <1.0 LABORATORY CONTROL SAMPLE: 428932 LCS LCS % Rec Spike Parameter Units Conc. Result % Rec Limits Qualifiers Lead ug/L 50 49.3 99 85-115 MATRIX SPIKE SAMPLE: 428934 7071428021 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers <1.0 2 2.8 115 70-130 Lead ug/L MATRIX SPIKE SAMPLE: 428936 7071428022 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L <1.0 2 2.4 119 70-130 SAMPLE DUPLICATE: 428933 7071428021 Dup **RPD** Parameter Units Result Result Qualifiers <1.0 <1.0 Lead ug/L

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

Dup

Result

<1.0

RPD

Qualifiers

7071428022

Result

<1.0

Units

ug/L



Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

QC Batch: 92915 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071428047

METHOD BLANK: 428943 Matrix: Water

Associated Lab Samples: 7071428047

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Lead ug/L <1.0 1.0 11/30/18 09:46

LABORATORY CONTROL SAMPLE: 428944

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Lead ug/L 50 48.0 96 85-115

MATRIX SPIKE SAMPLE: 428946

7071869021 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers <1.0 2 107 70-130 2.4 Lead ug/L

MATRIX SPIKE SAMPLE: 428948

7071869022 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L 1.5 2 3.5 102 70-130

SAMPLE DUPLICATE: 428945

 Parameter
 Units
 Result Result Result
 RPD Qualifiers

 Lead
 ug/L
 <1.0</td>
 <1.0</td>

SAMPLE DUPLICATE: 428947

Date: 12/03/2018 12:25 PM

 Parameter
 Units
 Result Result Result
 RPD Qualifiers

 Lead
 ug/L
 1.5
 1.4
 8

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 12/03/2018 12:25 PM

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- HANCE

Pace Project No.: 7071428

Date: 12/03/2018 12:25 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
7071428001	H1-OFFICE SINK	EPA 200.8	92911	_	
071428002	H2-BATH F IN OFFICE	EPA 200.8	92911		
071428003	H3-NURSE MAIN F	EPA 200.8	92911		
071428004	H4-NURSE 102 B EXAM F	EPA 200.8	92911		
071428005	H5-RM 104 GYM F	EPA 200.8	92911		
071428006	H6-RM 113 MUSIC F	EPA 200.8	92911		
071428007	H7-RM 108 F	EPA 200.8	92911		
071428008	H8-RM 108 F	EPA 200.8	92911		
071428009	H9-RM 107 F	EPA 200.8	92911		
071428010	H10-RM 106 SINK	EPA 200.8	92911		
071428011	H11- RM 117	EPA 200.8	92911		
071428012	H12-RM 118	EPA 200.8	92911		
071428013	H13-OUTSIDE RM 117 F	EPA 200.8	92911		
071428014	H14-OUTSIDE RM 121 F	EPA 200.8	92911		
071428015	H15-RM 121	EPA 200.8	92911		
071428016	H16-RM 120	EPA 200.8	92911		
071428017	H17-RM 119	EPA 200.8	92911		
071428018	H18-GARAGE F	EPA 200.8	92911		
071428019	H19-RM 124	EPA 200.8	92911		
071428020	H20-OUTSIDE LIBRARY F	EPA 200.8	92911		
071428021	H21-RM 127 SINK	EPA 200.8	92912		
071428022	H22-RM 128	EPA 200.8	92912		
071428023	H23-RM 129	EPA 200.8	92912		
071428024	H24-RM 130	EPA 200.8	92912		
071428025	H25-RM 131	EPA 200.8	92912		
071428026	H26-RM 132	EPA 200.8	92912		
071428027	H27-RM 134	EPA 200.8	92912		
071428028	H28-RM 133	EPA 200.8	92912		
071428029	H29-OUTSIDE RM 139 F	EPA 200.8	92912		
071428030	H30-OUTSIDE RM 140	EPA 200.8	92912		
071428031	H31-RM 139	EPA 200.8	92912		
071428032	H32-RM 140	EPA 200.8	92912		
071428033	H33- RM 135	EPA 200.8	92912		
071428034	H34-RM 138	EPA 200.8	92912		
071428035	H35-PLAYGROUND F	EPA 200.8	92912		
071428036	H36-RM 136	EPA 200.8	92912		
071428037	H37-RM 137	EPA 200.8	92912		
071428038	H38-RM 145 FACULTY	EPA 200.8	92912		
071428039	H39-RM 141	EPA 200.8	92912		
071428040	H40-RM 144	EPA 200.8	92912		
071428041	H41-RM 142	EPA 200.8	92855		
071428042	H42-RM 143	EPA 200.8	92855		
071428043	H43-OUTSIDE GYM F	EPA 200.8	92855		
071428044	H44- RM 105 CONF	EPA 200.8	92855		
071428045	H45-KITCHEN L KETTLE	EPA 200.8	92855		
7071428046	H46- KITCHEN R KETTLE	EPA 200.8	92855		
071428047	H47-KITCHEN MAIN SINK	EPA 200.8	92915		

WO#:7071428

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. At relevant fields must be completed accurately

		HANDER MINISTER.		The second secon			Contract Con	The same of the same	
PSI	Report To: Same	Affention:	Same				222	2227079	
Address: 850 Poplar Street	Copy To:	Company Name	/ Name-	\ \text{\tiny{\text{\tiny{\text{\tin}\text{\tex{\tex	REGULATORY AGENCY	AGENCY			
		Address:			NPDES	GROUND WATER	WATER IX	DRINKING WATER	TER
	Purchasa Order No.: 08163144-14	Pace Quota Reference:	g		T UST	RCRA	L.	OTHER	1
-4043	Han	Pace Project	ŭ		Site Location				
		Pace Prefile #:	*0		STATE:	PA			
				Requested A	Requested Analysis Filtered (Y/N)	(N/A) F			
Section D Required Clent information MATRIX / CODE	(1) el ci		Preservatives	‡n/∆					
	WW T WW STATE			1			(A)A)		
Sample 1Ds MUST BE UNIQUE Tissue Other	MATRIX CODE (SAMPLE TEMP AT C	1 ₂ SO ₄ HOD 1CI 125 ₂ O ₃ 140H 150H 150H 150H 150H 150H 150H 150H 15	bs9-			enholdD leublee		
HI- Office Sink	V G 11/9/18				-	ļ		Pace Project No./ Lab 1.D.	30 I.L
2 1/2- Bath F in 60	Lie I						600		
- Myr Se Main		500000					8		
H4- NWISE 102 BYAM	mF						004		
104 6				592			00	la.	
THE KIN 113 (1) MASIC F							900		
01							00		
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10 HIO- KM 106 SINK							8 3	-	
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12							7		
ADDITIONAL COMMENTS	RELINGUISHED BY / AFFILIATION	DATE TIME		ACCEPTED BY / AFFILIATION	DATE	TIME	SAM	SAMPLE CONDITIONS	
	Madeleine Hoopes/ PSI	11/9/18	Lullian	Hallow	11115/18	SPI			
				A control of the cont					
		SAMPLER NAME AND SIGNATURE					-	18	15
0	ORIGINAL	PRINT Name of SAMPLER: De	Deidre Morrison			I	(N/A)	(N/)	elnte (M)
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant feets must be completed accurately.

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	Copy Io.			Company Name:	mė:		REGULATORY AGENCY	/ AGENCY		
-				Addrass:			NPDES	GROUND WATER	WATER (X	DRINKING WATER
	Purchase Order No.: 081	08163144-14		Pace Quote			T ust	☐ RCRA		OTHER
~	Project Name: Pine Richland	chland - Ha	MIP	Pace Project Manager			Site Location			
	Project Number:			Pace Profile #			STATE	PA		
						Requested A	Requested Analysis Filtered (Y/N)	(N/A) pe		
Matrix Codes	E S	COLLECTED	Q		Preservatives	ĝ N /A.				
Drinking Water Water Wasle Water Preduct Soll/Solid	CECKABE CECC	COMPOSITE CC START E	COMPOSITE						(N/A)	
Sample IDs MUST BE UNIQUE This sue) BOOD XIRTAM	TWE	E F TA 9MPLE TEMP AT 0	# OF CONTAINER: Hoppseaved H ₂ SO ₄	HNO ₃ HCI Vachi HCI Vatherol	nester Test Test best			saldual Chlorine	
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ADDITIONAL COMMENTS	RELINGUISHED	RELINQUISHED BY / AFFILIATION	DATE	TIME .	ACCEPT	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMP	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	es/ PSI	11/9/18		Millian	an heer	\$1 S111	11:45		
Ido	ODIOINIAI	SAMPLER NAM	SAMPLER NAME AND SKGNATURE	E E				ľ	+	JÐ
5	122101	PRINT	PRINT Name of SAMPLER:		Deidre Morrison			1	o bevi	stody d Cool
*		SIGNA	SIGNATURE of SAMPLER:			DATE Signed	10/0/10	T	eses	elee

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Pace Analytical

Pace Project No./ Lab I.D. DRINKING WATER (N/A) 3 02 028 026 Samples Intact 8 (00) SAMPLE CONDITIONS F-ALL-Q-020rev.07, 15-May-2007 2227079 OTHER (N/A) te ere ere Custody Sealed Cooler 5 × Received on lce (Y/N) GROUND WATER Residual Chlorine (Y/N) Temp in *C Page: REGULATORY AGENCY RCRA PA Requested Analysis Filtered (Y/N) 57: TIME STATE Site Location NPDES 1115118 10/9/18 DATE UST DATE Signed (MM/DD/YY): ACCEPTED BY / AFFILIATION lian thena read × 1 tesT sisylenA1 TNI Other lonsriteM Important Note By signing this form you are accepting Place's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid writin 30 days. Preservatives LOSZSZBN Deidre Morrison HOBN Same HCI Invoice Information: HNO3 Company Name Pade Cuota Reference: Pade Project Manager Pado Profilo #: *OSEH Section C Attention: Address: Unpreserved TIME # OF CONTAINERS SAMPLER NAME AND SIGNATURE SAMPLE TEMP AT COLLECTION PRINT Name of SAMPLER: SIGNATURE of SAMPLER: 11/9/18 DATE TIME Hance COMPOSITE DATE COLLECTED RELINGUISHED BY / AFFILIATION Purchase Order No. 08163144-14 Project Name: Pine Richland -TIME START Madeleine Hoopes/ PSI 11/9/18 DATE Section B Required Project Information: Same 9 (G=GRAB C=COMP) SAMPLE TYPE Project Number (see valid codes to left) MATRIX CODE Report To: ORIGINAL Copy To MAN POST POST PO Matrix Codes MATRIX / CODE Drinkung Water Water Waste Water Product Sol/Solid Oil Wipe Arrin Tasus 39 772-922-4000 FT12-922-4043 Email To: mike.kopar@psiusa.com T Pittsburgh PA 15220 3 equested Due Date/TAT: Standard 0 ADDITIONAL COMMENTS 850 Poplar Street (A-Z, 0-97,-) Sample IDs MUST BE UNIQUE SAMPLE ID 3 ξ X Section A Required Client Information: Required Clent Information Company: PSI Section D 10 12 ITEM # 7 40 40 co Page 19 of 22

Pace Analytical **

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

Pag market

0707070		REGULATORY AGENCY	NPDES GROUND WATER IX DRINKING WATER	☐ RCRA		STATE: PA	Analysis Filtered (Y/N)		(AVA)	anhold Slaubia	Pace P	033	033	850	039	्रे कि	Ĵ,	30	770	07/5	240	DATE SAMPLE CONDITIONS	1112/18 (1:42		(M)	Temp Temp Custo
Irvoice Information: Attention:	Same	Name:	Address:	Pace Quota	Pace Project Manager SIR		Requested Anal	Preservatives Y		OF CONTAINER Analysis Test Analysis Test Analysis Test Analysis Test	0 NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN											TIME ACCEPTED BY / AFFILIATION	Wallian heren		Daidra Morrison	DATE Signed
			The state of the s	-14	- Hanle			COLLECTED	COMPOSITE COMPOSITE CT		TIME DATE TIME											латюн	s/ PSI 11/9/18	SAMPI FE NAME AND RECHATIOS	PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:
Required Project Information: Report To: Same		Copy To:		Purchase Order No.: 0816	Project Name: Pine Richland	Project Number		(hell of	S o o o	NATRIX CODE (6)	-1-5			7	-							RELINQUISHED BY / AFFILIATION	Madeleine Hoopes/ PSI		ORIGINAL	
соправу: PSI		850 Poplar Street	Pittsburgh PA 15220		~	-		Section D Matrix Codes Required Clean Information MATRIX / CODE	Water Water Water Wase Water Product SolfSold	Sample (Ds MUST BE UNIQUE Tassue Other	H35-Plavarana F X	436- RM 136	H37- KM (37	NHO - S	1459 - Nm 141	L KW	4113 - Um 1112	443 - Outs, Cleyerin F	444 - Rm 105 Conf	445- Kitchen L. Kette	TYPE KITHER KETTE	ADDITIONAL COMMENTS			00 0	

WO#:7071428

PM: JDS Due Date: 12/03/18 CLIENT: PSIC

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

	sadanan i cjora silanggani.			The same of the sa						
PSI	Report To: Same		Апениол:	Same				70707	7079	
Address: 850 Poplar Street	Copy To:		Сопралу Мате:	sme:		REGULATORY AGENCY	AGENCY			
			Addness:			NPDES	GROUND WATER	WATER IX	DRINKING WATER	WATER
r@psiusa.com	Purchase Order No.: 08163144-14		Pace Guota Reference:			T UST	RCRA			
~		Hance	Pace Project Manager			Site Location				
	Project Number:		Pace Profile #:			STATE	PA			
				1-00-10 to 10-10-10 to 10-10 t	-	Requested Analysis Filtered (Y/N)	(N/A) pe	g T		
Required Clean information MATRIX / CODE	E E			Preservatives	N/A					
Water Waste Water Waste Water Product SoldSold	WW T WAT COMPOSITE START	CONFOCUE	s		1	101111111111111111111111111111111111111		(N/A)		
Sample IDs MUST BE UNIQUE Tasses Other	(중중단) BODS (STAMAR) SAMPLE TYPE (6		I OF CONTAINER	100 101 1826203 1826203	redr JeeT alaylanA DS9.			esiduel Chlodne		
H47- Kitchen Main Sin	DW G 11/9/18	DATE		7 7 7 X	1	#	1		Pace Project No./ Lab I.D.	/Lab l.
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ADDITIONAL COMMENTS	RELINGUISHED BY / AFFICATION	DATE	TIME	ACCEPTE	ACCEPTED BY / AFFILIATION	DATE	TIME	SAM	SAMPLE CONDITIONS	50
	Madeleine Hoopes/ PSI	11/9/18		Willian D	hence	xilisii)	1.45			
								-		
	-	SAMPLER NAME AND SIGNATURE						++	18	12
5	PRIN PRIN	PRINT Name of SAMPLER:	Deidr	Deidre Morrison			D" ni c	(N/N)	tody (N)	oguj si (N)
	SIGNAT	ATURE of SAMPLER.			DATE Signed		Т	900	suo leeli V)	A)



Sample Condition Upon Receipt

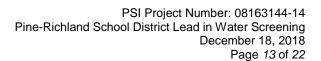
Long Interest Languages	Client Na	me:			Pr	W(0#:70714	128
	Onone ma	PSIC						e: 12/03/18
Courier:	at Commerc	ial 🗆 Pa	re Dth	er			ENT: PSIC	e: 12/03/18
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Tracking #:				Was Calls	-		Towns of the District	Name of the Contract of the Co
Custody Seal on Cooler/Box Present: [Ye		-		Yes No				Present: Yes No
Packing Material: Bubble Wrap Bubble I	Bags ∏Ziploc	None	Dther	2			Type of Ice: Wet	Blue None
Thermometer Used: TH091	Correction	Factor:	_0	$\cdot \bigcirc$		L	Samples on ice, cooling	ng process has begun
Cooler Temperature (°C):	Cooler Tem	perature	Correcte	ed (°C):		72-line	Date/Time 5035A kits	placed in freezer
Temp should be above freezing to 6.0°C								1 de 1 1 1
USDA Regulated Soil (\subseteq N/A, water sample)			Date and	Initia	ls of	person examining con	tents: Walling 11
Did samples originate in a quarantine zone within the			FL, GA, ID	, LA, MS, NC,				a foreign source (internationally,
NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question, fi	YES _		Chacklin	nt (E.I.C.Or	10) an	nd inc		rto Rico)? Yes No
If Yes to either question, ii	ii out a Regui	ateu son	CHECKII	51 (1 -11-0-0)	ioj an	id ille	COMMENTS:	raperwork.
Chain of Custody Present:	Yes	□No		1.			2331111211121	
Chain of Custody Filled Out:	Dyes	□No		2.			-	
Chain of Custody Pilicu Od. Chain of Custody Relinquished:	□yes	□No	-	3.				
Sampler Name & Signature on COC:	Dires	□No	□N/A	4.				
Samples Arrived within Hold Time:	□ Yes	□No	CLI WAY	5.				
	□Yes	ENO		6.				
Short Hold Time Analysis (<72hr):	□Yes	DNO		7.				
Rush Turn Around Time Requested: Sufficient Volume: (Triple volume provided for MS/MSI		□No		8.				
	Yes	□No		9.				
Correct Containers Used:	□Yes	□No					180	
-Pace Containers Used:	Yes	□No		10.				
Filtered volume received for Dissolved tests	□Yes	□No	□N/A		lote if s	sedime	nt is visible in the dissolved	container
	Yes	□No	LINA	12.		2001110	The violent in the dissolved	outenior.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL Matrix Matrix SL Matrix Matrix SL Matrix 7	Шио		1000					
-Includes date/time/ID/Analysis Matrix SL M All containers needing preservation have been checker		□No	□N/A	13.	J HNO	n.	☐ H₂SO₄ ☐ NaOH	□ HCI
pH paper Lot # HC \$ 57466	Lites	L140	LINA	10.		~ ·		21101
All containers needing preservation are found to be in				Sample #				
compliance with EPA recommendation?								1
(HNO ₃ , H₂SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	□No	□N/A					
NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease				1 101 - 1		1		lo a gran and add
DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when	compi	etea:	Lot # of added preservative	e: Date/Time preservative added
Samples checked for dechlorination:	□Yes	□No	EN/A	14.			T.	
KI starch test strips Lot #	L103		13,000					
Residual chlorine strips Lot#				Po	ositive	for Res	s Chlorine? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	DNA	15.				
Trip Blank Present:	□Yes	□No	□N/A	16.				
Trip Blank Custody Seals Present	□Yes	□No	-DN/A					
Pace Trip Blank Lot # (if applicable):							,	
Client Notification/ Resolution:				Field Data	Requi	red?	Y / N	20
Person Contacted:				D	ate/T	ime:		
Comments/ Resolution:								
A								



TABLE 3.0 DRINKING WATER SAMPLES Pine-Richland Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
PR-01	Sink	Rm B 109	First Draw	ND
PR-02	WF	Outside Rm 112	First Draw	ND
PR-03	Filler	Outside Rm 113	First Draw	ND
PR-04	Sink	Kitchen by Freezer	First Draw	ND
PR-05	Sink	Kitchen prep by C113	First Draw	11.3
PR-06	Sink	Kitchen rinse by C113	First Draw	30.1
PR-07	Sink	Kitchen by A113	First Draw	ND
PR-08	Kettle	Kitchen	First Draw	3.6
PR-09	WF	Outside Rm 115	First Draw	1.1
PR-10	WF	Outside Rm 117	First Draw	ND
PR-11	Sink	Rm 119	First Draw	1.5
PR-12	WF	Outside Rm 103 L	First Draw	ND
PR-13	Filler	Outside Rm 103	First Draw	ND
PR-14	WF	Outside Rm 103 R	First Draw	ND
PR-15	WF	Outside Rm 218	First Draw	ND
PR-16	WF	Outside Rm 219	First Draw	ND
PR-17	Filler	Outside Rm 219	First Draw	ND
PR-18	Sink	Rm 218	First Draw	ND
PR-19	WF	Outside Rm J200 L	First Draw	ND
PR-20	Filler	Outside Rm J200	First Draw	ND
PR-21	WF	Outside Rm J200 R	First Draw	ND
PR-22	WF	Outside Rm 007	First Draw	ND
PR-23	Sink	Rm 007	First Draw	6.8
PR-24	WF	Outside Rm 015	First Draw	ND
PR-25	Sink	Basement Lounge	First Draw	1.4
PR-26	WF	Gym Outside Boys Locker Rm	First Draw	ND
PR-27	WF	Gym Outside Girls Locker Rm	First Draw	ND







Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
PR-28	WF	Rm 001	First Draw	ND
PR-29	Sink	Rm 001	First Draw	ND
PR-30	WF	Rm 104	First Draw	5.6
PR-31	WF	Rm 106	First Draw	1.1

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Sample: PR-001-RM B	B 109	Lab ID: 70	71871001	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 15:2	22 7439-92-1	
Sample: PR-002-WF 0	OUTSIDE RM	Lab ID: 70	71871002	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 15:4	10 7439-92-1	
Sample: PR-003-WF F		Lab ID: 70	71871003	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 15:4	19 7439-92-1	
Sample: PR-004-KIT.	BY FREEZER	Lab ID: 70	71871004	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 15:5	52 7439-92-1	
Sample: PR-005-KIT. C113	SINK 1 BY	Lab ID: 70	71871005	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	: Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	00.8						
Lead		11.3	ug/L		1.0	1		11/30/18 15:5	55 7439-92-1	
Sample: PR-006-KIT. C113	SINK 2 BY	Lab ID: 70	71871006	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Paramete	rs	Results	Units	Report	: Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drir	nking Water	Analytical Me	thod: EPA 2	8.00						



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Pace Project No.: 7071871								
Sample: PR-007-KIT. SINK BY A113	Lab ID: 707	1871007	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200.	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 16:0	7439-92-1	
Sample: PR-008-KIT. KETTLE	Lab ID: 707	1871008	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200.	.8					
Lead	3.6	ug/L	1.0	1		11/30/18 16:1	0 7439-92-1	
Sample: PR-009-WF OUTSIDE 115	Lab ID: 707	1871009	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200.	.8					
Lead	1.1	ug/L	1.0	1		11/30/18 16:1	3 7439-92-1	
Sample: PR-010-WF OUTSIDE 117	Lab ID: 707	1871010	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200.	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 16:1	6 7439-92-1	
Sample: PR-011-SINK RM 119	Lab ID: 707	1871011	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200.	.8					
Lead	1.5	ug/L	1.0	1		11/30/18 16:1	9 7439-92-1	
Sample: PR-012-WF OUTSIDE 103	Lab ID: 707	1871012	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	.8					



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Sample: PR-013-WF FILLER OUSIDE 103	Lab ID: 707	71871013	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200).8						
Lead	<1.0	ug/L		1.0	1		11/30/18 16:2	5 7439-92-1	
Sample: PR-014-R WF OUTSIDE 103	Lab ID: 707	71871014	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200).8				•		
Lead	<1.0	ug/L		1.0	1		11/30/18 16:2	8 7439-92-1	
Sample: PR-015-WF OUTSIDE 218	Lab ID: 707	71871015	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200	0.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 16:3	1 7439-92-1	
Sample: PR-016-WF OUTSIDE 219	Lab ID: 707	71871016	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200	0.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 16:3	4 7439-92-1	
Sample: PR-017-WF FILLER OUTSIDE 219	Lab ID: 707	71871017	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200	0.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 16:4	3 7439-92-1	
Sample: PR-018-SINK INSIDE 218	Lab ID: 707	71871018	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200	0.8						
200.0 MLT ICT WIS DITIKING Water	, , , , , , , , , , , , , , , , , , , ,		-						



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

•	PR-019-LWF OUTSIDE J200	Lab ID: 707	1871019	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8					
Lead		<1.0	ug/L	1.0	1		11/30/18 16:4	9 7439-92-1	
Sample:	PR-020-WF FILLER OUTSIDE J200	Lab ID: 707	1871020	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8					
Lead		<1.0	ug/L	1.0	1		11/30/18 16:5	2 7439-92-1	
	PR-021-RWF OUTSIDE J200	Lab ID: 707	1871021	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8				•	
Lead		<1.0	ug/L	1.0	1		11/30/18 17:0	2 7439-92-1	
Sample:	PR-022-WF OUTSIDE 007	Lab ID: 707	1871022	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8					
Lead		<1.0	ug/L	1.0	1		11/30/18 17:1	1 7439-92-1	
Sample:	PR-023-SINK INSIDE 007	Lab ID: 707	1871023	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8			,		•
Lead		6.8	ug/L	1.0	1		11/30/18 17:2	26 7439-92-1	
Sample:	PR-024-WF OUTSIDE 015	Lab ID: 707	1871024	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	T ICPMS Drinking Water	Analytical Meth	hod: EPA 20	0.8					
Lead		<1.0	ug/L	1.0	1		11/30/18 17:2	9 7439-92-1	



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Sample: PR-025 SINK BASEMENT LOUNGE	Lab ID: 7	7071871025	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8					
Lead	1.4	ug/L	1.0	1		11/30/18 17:3	2 7439-92-1	
Sample: PR-026 WF IN GYM OUT BOYS LCKR	Lab ID: 7	7071871026	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 17:3	5 7439-92-1	
Sample: PR-027 WF IN GYM OUT GIRL LCKR	Lab ID: 7	7071871027	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 17:3	88 7439-92-1	
Sample: PR-028 WF IN 001	Lab ID: 7	7071871028	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 17:4	1 7439-92-1	
Sample: PR-029 SINK IN 001	Lab ID: 7	7071871029	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 17:4	4 7439-92-1	
Sample: PR-030 WF IN 104	Lab ID: 7	7071871030	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8					

(631)694-3040



ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Sample: PR-031 WF IN 106	Lab ID: 7	071871031	Collected: 11/09/1	18 00:00	Received: 11	/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	1.1	ug/L	1.0	1		12/01/18 00:4	7439-92-1	



PINE RICHLAND-RICHLAND ELE Project:

Pace Project No.: 7071871

D-----

Date: 12/03/2018 12:23 PM

QC Batch: 92918 Analysis Method: EPA 200.8

11...:4...

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071871001, 7071871002, 7071871003, 7071871004, 7071871005, 7071871006, 7071871007, 7071871008, Associated Lab Samples:

7071871009, 7071871010, 7071871011, 7071871012, 7071871013, 7071871014, 7071871015, 7071871016,

7071871017, 7071871018, 7071871019, 7071871020

METHOD BLANK: 428956 Matrix: Water

 $7071871001, 7071871002, 7071871003, 7071871004, 7071871005, 7071871006, 7071871007, 7071871008, \\7071871009, 7071871010, 7071871011, 7071871012, 7071871013, 7071871014, 7071871015, 7071871016, \\$ Associated Lab Samples:

Blank

Reporting

O. . - I:6: - --

7071871017, 7071871018, 7071871019, 7071871020

Parameter	Units	Result	Limit	Analyzed	Qualifier	rs	
Lead	ug/L	<1.0	1.0	11/30/18 15:	16		
LABORATORY CONTROL SAMPLE:	428957						
Parameter	Units	Spike LC Conc. Res		LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	48.0	96	85-115		
MATRIX SPIKE SAMPLE:	428960					_	
Parameter	Units	7071871001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.5	115	70-130	
MATRIX SPIKE SAMPLE:	428962						
Parameter	Units	7071871002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	3.0	110	70-130	
SAMPLE DUPLICATE: 428959							
Parameter	Units	7071871001 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0			_	
SAMPLE DUPLICATE: 428961							
Parameter	Units	7071871002 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)		_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

QC Batch: 92921 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071871021, 7071871022, 7071871023, 7071871024, 7071871025, 7071871026, 7071871027, 7071871028,

7071871029, 7071871030

METHOD BLANK: 428965 Matrix: Water

Associated Lab Samples: 7071871021, 7071871022, 7071871023, 7071871024, 7071871025, 7071871026, 7071871027, 7071871028,

7071871029, 7071871030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1.0	·		<u> </u>	
LABORATORY CONTROL SAMPLE:	428966				_		
Parameter	Units	•	_CS esult	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	47.3	95	85-115		
MATRIX SPIKE SAMPLE:	428968	7074074004	0.11			ov. 5	
Parameter	Units	7071871021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	0 2	2.6	115	70-130	
MATRIX SPIKE SAMPLE:	428970		• "				
Parameter	Units	7071871022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	0 2	2.5	111	70-130	
SAMPLE DUPLICATE: 428967							
Parameter	Units	7071871021 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)		_	
SAMPLE DUPLICATE: 428969							
Parameter	Units	7071871022 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)	_	_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

QC Batch: 92987 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071871031

METHOD BLANK: 429226 Matrix: Water

Associated Lab Samples: 7071871031

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Lead ug/L <1.0 1.0 11/30/18 23:16

LABORATORY CONTROL SAMPLE: 429227

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Lead ug/L 50 48.2 96 85-115

MATRIX SPIKE SAMPLE: 429229

7071873001 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers <1.0 2 70-130 ug/L 2.5 110 Lead

MATRIX SPIKE SAMPLE: 429231

7071873002 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L <1.0 2 2.3 110 70-130

SAMPLE DUPLICATE: 429228

 Parameter
 Units
 Result Result Result
 RPD
 Qualifiers

 Lead
 ug/L
 <1.0</td>
 <1.0</td>

SAMPLE DUPLICATE: 429230

Date: 12/03/2018 12:23 PM

 Parameter
 Units
 Result Result Result
 RPD Qualifiers

 Lead
 ug/L
 <1.0</td>
 <1.0</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:23 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-RICHLAND ELE

Pace Project No.: 7071871

Date: 12/03/2018 12:23 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071871001	PR-001-RM B 109	EPA 200.8	92918		
7071871002	PR-002-WF OUTSIDE RM 112	EPA 200.8	92918		
7071871003	PR-003-WF FILLER OUTSDE RM 112	EPA 200.8	92918		
7071871004	PR-004-KIT. BY FREEZER	EPA 200.8	92918		
7071871005	PR-005-KIT. SINK 1 BY C113	EPA 200.8	92918		
7071871006	PR-006-KIT. SINK 2 BY C113	EPA 200.8	92918		
7071871007	PR-007-KIT. SINK BY A113	EPA 200.8	92918		
7071871008	PR-008-KIT. KETTLE	EPA 200.8	92918		
7071871009	PR-009-WF OUTSIDE 115	EPA 200.8	92918		
7071871010	PR-010-WF OUTSIDE 117	EPA 200.8	92918		
7071871011	PR-011-SINK RM 119	EPA 200.8	92918		
7071871012	PR-012-WF OUTSIDE 103	EPA 200.8	92918		
7071871013	PR-013-WF FILLER OUSIDE 103	EPA 200.8	92918		
7071871014	PR-014-R WF OUTSIDE 103	EPA 200.8	92918		
7071871015	PR-015-WF OUTSIDE 218	EPA 200.8	92918		
7071871016	PR-016-WF OUTSIDE 219	EPA 200.8	92918		
7071871017	PR-017-WF FILLER OUTSIDE 219	EPA 200.8	92918		
7071871018	PR-018-SINK INSIDE 218	EPA 200.8	92918		
7071871019	PR-019-LWF OUTSIDE J200	EPA 200.8	92918		
7071871020	PR-020-WF FILLER OUTSIDE J200	EPA 200.8	92918		
7071871021	PR-021-RWF OUTSIDE J200	EPA 200.8	92921		
7071871022	PR-022-WF OUTSIDE 007	EPA 200.8	92921		
7071871023	PR-023-SINK INSIDE 007	EPA 200.8	92921		
7071871024	PR-024-WF OUTSIDE 015	EPA 200.8	92921		
7071871025	PR-025 SINK BASEMENT LOUNGE	EPA 200.8	92921		
7071871026	PR-026 WF IN GYM OUT BOYS LCKR	EPA 200.8	92921		
7071871027	PR-027 WF IN GYM OUT GIRL LCKR	EPA 200.8	92921		
7071871028	PR-028 WF IN 001	EPA 200.8	92921		
7071871029	PR-029 SINK IN 001	EPA 200.8	92921		
7071871030	PR-030 WF IN 104	EPA 200.8	92921		
7071871031	PR-031 WF IN 106	EPA 200.8	92987		

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

Pittsburgh PA 15220 Purchase Order No.: 08163144-14 Pittsburgh PA 15220 Purchase Order No.: 08163144-14 Pittsburgh PA 15220 Purchase Order No.: 08163144-14 Project Name: Pine Richland - Appendix No. 1 Project Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - Appendix Name: Pine Richland - A	Same Name:	REGULATORY AG PUST Site Location STATE: WO#: 7	CCY DUND WATER IX	3 WATER
Pittsburgh PA 15220 mike.kopar@psiusa.com Purchase Order No:: 08163144-14 -922-4000 F472-922-4043 Project Name: Pline Richland - Apper R 16/10/10/10/10/10/10/10/10/10/10/10/10/10/	Correpany Name: Address: Record Guote Reference: Record Cuote Reference: Record Cuote Reference: Pace Profile #: Pace Profile #:	REGULATO T NPDES T UST Site Location Site Location Site Location Site Location TOTALS	CY DUND WATER IX	3 WATER
### B50 Poplar Street ### B50 Poplar Street #### B520 ###################################	Address: Address: Peco Ouch Releasing: Peco Ouch Randget: Pace Profile #: Pace Profile #:	Reducation NPDES NPDES UST Site Location STAT MO#	CY DUND WATER IX NA	DRINKING WATER OTHER
Pittsburgh PA 15220 mike.kopar@psiusa.com purchase Crder No.: 08163144-14 922-4000 F712-922-4043 Project Number Project Number Interpretation and Project Number Matrix Coddes Dinking Water DW Water WW ER WW WATER	Address: Peco Quote Reference: Reference: Reference: Paco Profile #: Paco Prof	Requested Analysis Fit MO#	DUND WATER IX	3 WATER
mike.kopar@psiusa.com Purchaso Order No:: 08163144-14 922-4000 F412-922-4043 Project Name: Pine Richland - Apper Richland -	Peed Clubb Reference:	Requested Analysis Fill MO#	s IF	
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PR-001 - WF OUTSIDE FOR 112 1 DIO-003 - WFF, HEST OUTSIDE 12 PR-004 - Kit. By Freezer PR-005-Kit. Sink 1 by C1/3 PR-006-Kit. Sink 1 by C1/3	×	×		00
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SIGNATURE of SAMPLER		DATE Signed 10/9/18	Receip (co (cus Sealed	A) aldmes

CHAIN.-OF.-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

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Pittsburgh PA 15220			Address:			NPDES	GROUND WATER	WATER IX	DRINKING WATER	ATER
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14		Pace Guota Reference:		2	r ust	F RCRA	<u>L</u>	OTHER	1
PY 72-922-4000 FT12-922-4043	Project Name: Pine Richland - R	hland FIF.	Pace Project Manager			Site Location				
	Project Number:		Pace Profile #:			STATE	PA			
						Requested Analysis Filtered (Y/N)	(N/A) pa			
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R-OIT WA Filler outs	10219 .									7
6 PR-018 sink inside 218	80									0
9 Lint outside 5200									1	2
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

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Address: 850 Poplar Street	Copy To:	Con	Company Name:			REGUL	REGULATORY AGENCY	ENCY			
		Add	Address:			NP L	NPDES	GROUND WATER	NATER IX	DRINKING WATER	WATER
1	Purchase Order No.: 08163144-14	Pace	Pace Quote Reference:		-1	□ UST	_	RCRA	-	OTHER _	
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Sample IDs MUST BE UNIQUE Tessue Cher) BOOD XINTAM	SAMPLE TEMP AT (# OF CONTAINER	Unpreserved Unpreserved	Methanol Na ₂ S ₂ O ₃ HCI HNO ₃	Other Lead Fest Lead				Residual Chlodne	Pace Project No./ Lab I.D.	, Lab
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e 16	ORIGINAL PRINT Ner	PRINT Name of SAMPLER:	Deidre	Deidre Morrison				Γ	ni qi	stody d Coc	(N/A)
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Sample Condition Upon

WO#:7071871

PM: JDS Due Date: 12/03/18

	Client I	Name:	(CLIEN	NT: PSIC	e: 12/03/18
Courier: Fed Ex UPS USPS C	1145	3	54		<u>)</u>	Temperature Blank	x Present: ☐ Yes No
Custody Seal on Cooler/Box Present:		Seals in		res 🔲 i	NO		
Packing Material: Bubble Wrap Bubbl	e Bags Zip	loc Mone	Dther	0	_	Type of Ice: Wet	(()
Thermometer Used: TH091		ion Factor:		.0	L	」Samples on ice, coo	oling process has begun
Cooler Temperature (°C):	Cooler T	emperature	Correcte	ed (°C):		_ Date/Time 5035A k	its placed in freezer
Temp should be above freezing to 6.0°C USDA Regulated Soil (\subseteq N/A, water samp	ole)			Date a	nd Initials of	person examining co	ontents: OK +10
Did samples originate in a quarantine zone within th NM, NY, OK, OR, SC, TN, TX, or VA (check map)?	YES	☐ NO				including Hawaii and P	om a foreign source (internationally, uerto Rico)?
If Yes to either question	, fill out a Reg	gulated Soil	Checklis	st (F-LI-C	-010) and inc		
	,					COMMENTS	5:
Chain of Custody Present:	Yes	□No		1.			
Chain of Custody Filled Out:	Yes	□No		2.			
Chain of Custody Relinquished:	Yes	□No		3.			
Sampler Name & Signature on COC:	□Yes	ØN₀	□N/A	4.			
Samples Arrived within Hold Time:	Yes	□No		5.			
Short Hold Time Analysis (<72hr):	□Yes	No		6,			
Rush Turn Around Time Requested:	□Yes	, DNO		7.			
Sufficient Volume: (Triple volume provided for MS/N	MSD Yes	□No		8.			
Correct Containers Used:	Yes	□No		9.			
-Pace Containers Used:	☑Yes	□No			•	[:2	
Containers Intact:	Yes	□No		10.			
Filtered volume received for Dissolved tests	□Yes	□No	N/A	11.	Note if sedime	ent is visible in the dissolv	ed container.
Sample Labels match COC:	Yes	□No		12.			
-Includes date/time/ID/Analysis Matrix St	WT OIL						
All containers needing preservation have been checoph paper Lot # 1 (857466	res	□No	□N/A	13.	□ HNO₃	□ H₂SO₄ □ NaC	DH □ HCI
All containers needing preservation are found to be compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide, NAOH>12 Cyanide)	Yes	□No	□N/A	Sample	*		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gre- DRO/8015 (water). Per Method, VOA pH is checked after analysis.	ase,			Initial w	hen completed:	Lot # of added preserva	ative: Date/Time preservative added
Samples checked for dechlorination:	□Yes	□No	N/A	14.			
KI starch test strips Lot #						011	
Residual chlorine strips Lot #			,	1 State	Positive for Re	es. Chlorine? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	ON/A	15.			
Trip Blank Present:	□Yes	□No	EN/A	16.			
Trip Blank Custody Seals Present	□Yes	□No	ZN/A				
Pace Trip Blank Lot # (if applicable):							
Client Notification/ Resolution:				Field Da	ata Required?	Y / N	E
Person Contacted:					_Date/Time:		
Comments/ Resolution:							
4							

^{*} PM (Project Manager) review is documented electronically in LIMS.



TABLE 4.0 DRINKING WATER SAMPLES Wexford Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
W-01	Sink	Main Office	First Draw	ND
W-02	Sink	Main Nurse Office	First Draw	ND
W-03	Sink	Kitchen Food Prep	First Draw	1.6
W-04	Kettle	Kitchen Kettle	First Draw	12.3
W-05	sprayer	Kitchen braising	First Draw	24.1
W-06	WF	Outside Nurse Office	First Draw	ND
W-07	WF	Outside Music Rm D115	First Draw	ND
W-08	WF	Rm C136	First Draw	ND
W-09	WF	Rm 130	First Draw	ND
W-10	WF	Rm C1229	First Draw	ND
W-11	WF	Rm C135	First Draw	ND
W-12	WF	Rm C128	First Draw	ND
W-13	WF	Locker Area R	First Draw	ND
W-14	WF	Rm C102	First Draw	1.7
W-15	Sink	Rm C101	First Draw	1.6
W-16	WF	Locker Area L	First Draw	ND
W-17	WF	Rm C121	First Draw	ND
W-18	WF	Rm C117	First Draw	ND
W-19	WF	Rm C119	First Draw	ND
W-20	WF	Rm C118	First Draw	ND
W-21	WF	Rm C120	First Draw	ND
W-22	WF	Rm C104	First Draw	1.5
W-23	Sink	Rm C112	First Draw	ND
W-24	WF	Rm C111	First Draw	ND
W-25	WF	Rm C110	First Draw	1.9
W-26	WF	Outside Rm C110	First Draw	ND
W-27	Sink	Teachers Lounge	First Draw	ND
W-28	WF	Rm B121	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
W-29	WF	Rm B120	First Draw	ND
W-30	Sink	Rm B119	First Draw	1.8
W-31	WF	Kindergarten Locker Area L	First Draw	ND
W-32	WF	Kindergarten Locker Area R	First Draw	ND
W-33	Sink	Rm B116	First Draw	11.7
W-34	WF	Rm B117	First Draw	ND
W-35	WF	Rm B118	First Draw	1.6
W-36	WF	Rm A112	First Draw	ND
W-37	WF	Outside Rm B108	First Draw	ND
W-38	WF	Rm B106	First Draw	4.4
W-39	WF	Rm B103	First Draw	2.8
W-40	WF	Rm B104	First Draw	1.8
W-41	WF	Rm B105	First Draw	ND
W-42	Sink	Library	First Draw	2.0
W-43	WF	Outside Library	First Draw	ND
W-44	WF	Outside A110	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

(631)694-3040 **Project Manager**

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries

Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Sample: W1-OFFICE MAIN SINK	Lab ID: 70	71869001	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 08:2	1 7439-92-1	
Sample: W2-NURSE MAIN SINK	Lab ID: 70	71869002	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 08:3	0 7439-92-1	
Sample: W3-KITCHEN FOOD PREP SINK	Lab ID: 70	71869003	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	1.6	ug/L	1.0	1		11/30/18 08:4	5 7439-92-1	
Sample: W4-KITCHEN KETTLE R	Lab ID: 70	71869004	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	12.3	ug/L	1.0	1		11/30/18 08:4	8 7439-92-1	
Sample: W5-KITCHEN KETTLE L	Lab ID: 70	71869005	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	24.1	ug/L	1.0	1		11/30/18 08:5	1 7439-92-1	
Sample: W6-OUTSIDE NURSE F	Lab ID: 70	71869006	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	8.00					



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Sample: W7-OUTSIDE D115 MUSIC F	Lab ID: 7	7071869007	Collected: 11/09/1	00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	flethod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 08:5	7 7439-92-1	
Sample: W8-C136	Lab ID: 7	7071869008	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	Method: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:0	0 7439-92-1	
Sample: W9-C130	Lab ID: 7	7071869009	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	flethod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:0	3 7439-92-1	
Sample: W10-C129	Lab ID: 7	7071869010	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	Method: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:0	6 7439-92-1	
Sample: W11-C135	Lab ID: 7	7071869011	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	Method: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:0	9 7439-92-1	
Sample: W12-RMC128	Lab ID: 7	7071869012	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical N	/lethod: EPA 20	 00.8					
200.0 MET TOT MO DITIIKING WATER								



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Pace Project No.: 7071869								
Sample: W13-LOCKER AREA F R	Lab ID: 707	1869013	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:2	2 7439-92-1	
Sample: W14- RM C 102	Lab ID: 707	1869014	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	1.7	ug/L	1.0	1		11/30/18 09:2	5 7439-92-1	
Sample: W15-RM C 101 SINK *	Lab ID: 707	1869015	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	1.6	ug/L	1.0	1		11/30/18 09:2	8 7439-92-1	
Sample: W16-LOCKER AREA F L	Lab ID: 707	1869016	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:3	1 7439-92-1	
Sample: W17-RM C 121 F	Lab ID: 707	1869017	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:3	4 7439-92-1	
Sample: W18-RM C 117	Lab ID: 707	1869018	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 200	0.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:3	7 7439-92-1	



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Pace Project No.: 7071869 Sample: W19-RM C 119	Lab ID: 707	1960010	Collected: 11/09	/19 00:00	Possivod:	11/15/18 11:45	Matrix: Drinking	Mator
•								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 20	8.00					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:4	40 7439-92-1	
Sample: W20-RM C 118	Lab ID: 707	1869020	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:4	43 7439-92-1	
Sample: W21-RCC 120	Lab ID: 707	1869021	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 20	8.00					
Lead	<1.0	ug/L	1.0	1		11/30/18 09:5	58 7439-92-1	
Sample: W22-C104	Lab ID: 707	1869022	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking) Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	hod: EPA 20	00.8					
Lead	1.5	ug/L	1.0	1		11/30/18 10:0	07 7439-92-1	
Sample: W23-C112 SINK	Lab ID: 707	1869023	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 20	8.00					
Lead	<1.0	ug/L	1.0	1		11/30/18 10:1	16 7439-92-1	
Sample: W24-C111	Lab ID: 707	1869024	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	hod: EPA 20	8.00					
Lead	<1.0	ug/L	1.0	1		11/30/18 10:1	19 7439-92-1	



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Pace Project No.: 7071869								
Sample: W25-C110	Lab ID: 707	1869025	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	1.9	ug/L	1.0	1		11/30/18 10:2	22 7439-92-1	
Sample: W26-OUTSIDE C110 F	Lab ID: 707	71869026	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 10:2	25 7439-92-1	
Sample: W27-TEACHERS LOUNGE	Lab ID: 707	71869027	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 12:5	57 7439-92-1	
Sample: W28-RM B 121	Lab ID: 707	1869028	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:0	06 7439-92-1	
Sample: W29-RM B 120	Lab ID: 707	71869029	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:0	9 7439-92-1	
Sample: W30-RM B119 SINK	Lab ID: 707	1869030	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Sample: W31-KINGDERGARTEN LKER AREA FL	Lab ID: 707	1869031	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:1	5 7439-92-1	
Sample: W32-KINGDERGARTEN LKR AREA FR	Lab ID: 707	1869032	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 2	8.00					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:1	8 7439-92-1	
Sample: W33-RM B116 SINK	Lab ID: 707	1869033	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	11.7	ug/L	1.0	1		11/30/18 13:2	1 7439-92-1	
Sample: W34-RM B117	Lab ID: 707	1869034	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:2	24 7439-92-1	
Sample: W35-RM B118	Lab ID: 707	1869035	Collected: 11/09	/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	1.6	ug/L	1.0	1		11/30/18 13:2	7439-92-1	



QUALITY CONTROL DATA

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

QC Batch: 92913 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071869001, 7071869002, 7071869003, 7071869004, 7071869005, 7071869006, 7071869007, 7071869008,

7071869009, 7071869010, 7071869011, 7071869012, 7071869013, 7071869014, 7071869015, 7071869016,

7071869017, 7071869018, 7071869019, 7071869020

METHOD BLANK: 428937 Matrix: Water

Associated Lab Samples: 7071869001, 7071869002, 7071869003, 7071869004, 7071869005, 7071869006, 7071869007, 7071869008,

7071869009, 7071869010, 7071869011, 7071869012, 7071869013, 7071869014, 7071869015, 7071869016,

7071869017, 7071869018, 7071869019, 7071869020

Blank Reporting Parameter Result Limit Qualifiers Units Analyzed Lead <1.0 11/30/18 08:15 ug/L LABORATORY CONTROL SAMPLE: 428938 LCS LCS % Rec Spike Parameter Units Conc. Result % Rec Limits Qualifiers Lead ug/L 50 50.3 101 85-115 MATRIX SPIKE SAMPLE: 428940 7071869001 Spike MS MS % Rec % Rec Parameter Units Result Conc. Result Limits Qualifiers <1.0 2 2.6 116 70-130 Lead ug/L MATRIX SPIKE SAMPLE: 428942 7071869002 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L <1.0 2 3.1 119 70-130 SAMPLE DUPLICATE: 428939 7071869001 Dup **RPD** Parameter Units Result Result Qualifiers <1.0 <1.0 Lead ug/L SAMPLE DUPLICATE: 7071869002 Dup RPD Parameter Units Result Qualifiers Result Lead ug/L <1.0 <1.0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

SAMPLE DUPLICATE: 428947

Date: 12/03/2018 12:24 PM

Lead

Parameter

QC Batch: 92915 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071869021, 7071869022, 7071869023, 7071869024, 7071869025, 7071869026, 7071869027, 7071869028,

7071869029, 7071869030, 7071869031, 7071869032, 7071869033, 7071869034, 7071869035

METHOD BLANK: 428943 Matrix: Water

Associated Lab Samples: 7071869021, 7071869022, 7071869023, 7071869024, 7071869025, 7071869026, 7071869027, 7071869028,

7071869029, 7071869030, 7071869031, 7071869032, 7071869033, 7071869034, 7071869035

Parameter	Units	Result	Reporting Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1	.0 11/30/18 09:	:46		
LABORATORY CONTROL SAMPLE:	428944						
Parameter	Units	'	LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	48.0	96	85-115		
MATRIX SPIKE SAMPLE:	428946						
Parameter	Units	7071869021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1	.0 2	2.4	107	70-130	
MATRIX SPIKE SAMPLE:	428948						
Parameter	Units	7071869022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1	.5 2	3.5	102	70-130	
SAMPLE DUPLICATE: 428945							
Parameter	Units	7071869021 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1	.0			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

Dup

Result

1.4

RPD

8

Qualifiers

7071869022

Result

1.5

Units

ug/L



QUALIFIERS

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:24 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071869

Date: 12/03/2018 12:24 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071869001	W1-OFFICE MAIN SINK	EPA 200.8	92913		
7071869002	W2-NURSE MAIN SINK	EPA 200.8	92913		
7071869003	W3-KITCHEN FOOD PREP SINK	EPA 200.8	92913		
7071869004	W4-KITCHEN KETTLE R	EPA 200.8	92913		
7071869005	W5-KITCHEN KETTLE L	EPA 200.8	92913		
7071869006	W6-OUTSIDE NURSE F	EPA 200.8	92913		
071869007	W7-OUTSIDE D115 MUSIC F	EPA 200.8	92913		
7071869008	W8-C136	EPA 200.8	92913		
071869009	W9-C130	EPA 200.8	92913		
7071869010	W10-C129	EPA 200.8	92913		
7071869011	W11-C135	EPA 200.8	92913		
7071869012	W12-RMC128	EPA 200.8	92913		
071869013	W13-LOCKER AREA F R	EPA 200.8	92913		
7071869014	W14- RM C 102	EPA 200.8	92913		
7071869015	W15-RM C 101 SINK *	EPA 200.8	92913		
071869016	W16-LOCKER AREA F L	EPA 200.8	92913		
071869017	W17-RM C 121 F	EPA 200.8	92913		
071869018	W18-RM C 117	EPA 200.8	92913		
071869019	W19-RM C 119	EPA 200.8	92913		
7071869020	W20-RM C 118	EPA 200.8	92913		
071869021	W21-RCC 120	EPA 200.8	92915		
7071869022	W22-C104	EPA 200.8	92915		
071869023	W23-C112 SINK	EPA 200.8	92915		
071869024	W24-C111	EPA 200.8	92915		
7071869025	W25-C110	EPA 200.8	92915		
7071869026	W26-OUTSIDE C110 F	EPA 200.8	92915		
071869027	W27-TEACHERS LOUNGE	EPA 200.8	92915		
7071869028	W28-RM B 121	EPA 200.8	92915		
071869029	W29-RM B 120	EPA 200.8	92915		
071869030	W30-RM B119 SINK	EPA 200.8	92915		
7071869031	W31-KINGDERGARTEN LKER AREA FL	EPA 200.8	92915		
7071869032	W32-KINGDERGARTEN LKR AREA FR	EPA 200.8	92915		
7071869033	W33-RM B116 SINK	EPA 200.8	92915		
7071869034	W34-RM B117	EPA 200.8	92915		
7071869035	W35-RM B118	EPA 200.8	92915		

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CHAIN-OF-CUSTODY / Analytical Request D WO#: 7071869

是是在"心脏"的 "我们是一个人们是一个人们是一个人们是一个人们是一个人们是一个人们是一个人们是一个人						
Section A Required Cleat Information:	Section B Required Project Information:	Section C Invoice Information:	Jon:	7071869		
	Report To: Same	Attention: S	Same		777	210
Address: 850 Poplar Street	Copy To:	Company Name		REGULATORY AGENCY		
Pittsburgh PA 15220		Address:		☐ NPDES ☐ GROU	GROUND WATER IX	DRINKING WATER
siusa.com	Purchasa Order No.: 08163144-14	Pace Oucta Reference:		☐ UST ☐ RCRA		OTHER
100	Project Name: Pine Richland - Wextorc	Pace Project Manager		Site Location		
T	Project Number	Pace Prefile #:		STATE: PA		
			Requested	Requested Analysis Fittered (Y/N)		
Section D Required Ctent information MATRIX / CODE	(Yel c	ď	Preservatives >			
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W3- Kitchen Toolt	gep shik.					000
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W9- C130						8
W10-0124	7.000				+	0
WII - (155						13
ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE TIME	ACCEPTED BY I AFFILIATION	DATE TIME	SAM	SAMPLE CONDITIONS
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	SAMPLER NAW	IE AND SKGNATURE			uo uo	ralo
Ö	ORIGINAL PRINT Nam	Name of SAMPLER: Deidre	Deidre Morrison		ni qr bevie	ustody NV) (VV)
			DATE Signed	07/0/07	201) dun

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

Pace Analytical www.prediate.com

HOW HARRINGS.	Nequinal Project michiganor.	5	THE PERSON NAMED IN							
Company: PSI	Report To: Same	Allen	Attention: Same	те				222	2227079	
Address: 850 Poplar Street	Copy To:	Com	Company Name:		REGULAT	REGULATORY AGENCY		16		
Pittsburgh PA 15220		Addn	Address:		NPDES	SS CR	GROUND WATER	TER X	DRINKING WATER	WATER
r@psiusa.com	Purchase Order No.: 08163144-14	Pace	Pace Quota Reference:		TSU T	☐ RC	RCRA		OTHER	I
~~	Project Name: Pine Richland - UVEx Lo	5	Pace Project Manager		Site Location					
Standard	Project Number:	Pace	Paco Profile #:		STATE	TE: PA				
				Req	Requested Analysis Filtered (Y/N)	Hered (Y/N	0			
Section D Matrix Codes Required Clent information MATRIX / CODE	(191 o		Pres	Preservatives X						
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5 WILD - LOCKER AREN FIL										20
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ac	SAMPLER NAME AND SIGNATURE	ND SKGNATURE	-				5	EAC	189	tos
5		PRINT Name of SAMPLER:	Deidre Morrison				, uį di	bevic WY)	istody d Cod Y/N)	KVA) lea jui
	SIGNATION	SIGNATURE of CAMPIED.		DATE Signed	Signed		no T	000	eli	

Pace Analytical"

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Clent Information:	Section B Required Project Information:	Section C		Page: of
	Report To: Same	Atlention: Same		9707000
Address: 850 Poplar Street	Сору То:	Company Name:	REGULATORY AGENCY	
Pittsburgh PA 15220		Address:	NPDES	CROHNO WATER O ODDING WATER
Email To: mike.kopar@psiusa.com	Purchaso Order No 08163144-14	Pace Cuota	. 1	RCRA CTUEN COTHER
Phylograms: Pine Richland -	Project Name: Pine Richland - 1/10v	Parachimon.	- no	
Requested Due Date/TAT: Standard	1	Pace Prefile #:	STATE	PA
			Requested Analysis Filtered (Y/N)	YAN)

Section D Matrix Codes Required Clent information MATRIX / CODE	den			ö	COLLECTED			-	Preser	Preservatives		N/A				**********		*		
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	7				PRINT Na	PRINT Name of SAMPLER:	82	Deidr	Deidre Morrison	rison) uj c	(N/A)	(N)	(N/
				NDIS		ATURE of SAMPLER:	62				-	DATE	DATE Signed (MM/DD/YY):	10/6	10/9/18		ĮmoT	1000A 100	pelees	eldmai

Pace Analytical*

Sample Condition Upon Re

WO#:7071869

Client Name: Courier: Fed Ex UPS USPS Client Commercial Pace Dther Tracking #: 4670 1145 3540
Custody Seal on Cooler/Box Present: Yes XVo Seals intact: Yes No Temperature Blank Present: Yes No Type of Ice: Wet Blue None Packing Material: ☐Bubble Wrap ☐Bubble Bags ☐Ziploo None ☐Other Thermometer Used: TH091 Samples on ice, cooling process has begun Correction Factor: Cooler Temperature Corrected (°C): Cooler Temperature (°C): Date/Time 5035A kits placed in freezer Temp should be above freezing to 6.0°C USDA Regulated Soil (N/A, water sample) Date and Initials of person examining contents: Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)?

Yes No NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork. COMMENTS: Chain of Custody Present: -TYes □No Tyes □No Chain of Custody Filled Out: Yes □No Chain of Custody Relinquished: □Yes @No □N/A Sampler Name & Signature on COC: Samples Arrived within Hold Time: **E**Kes □No □Yes No Short Hold Time Analysis (<72hr): Rush Turn Around Time Requested: □Yes MO Sufficient Volume: (Triple volume provided for MS/MSD Wes □No Correct Containers Used: Yes ПМо -Pace Containers Used: Yes . □No 10 Containers Intact: **D**Kes □No 11. Filtered volume received for Dissolved tests □Yes □No Note if sediment is visible in the dissolved container. 12. Yes □No Sample Labels match COC: SI WT OIL -Includes date/time/ID/Analysis All containers needing preservation have been checked □N/A ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ HCI □No pH paper Lot # All containers needing preservation are found to be in Sample # compliance with EPA recommendation? (HNO₃, H₂SO₄, HCI, NaOH>9 Sulfide, □No □N/A NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis Initial when completed: Lot # of added preservative: Date/Time preservative added DINA 14 Samples checked for dechlorination: □Yes □No KI starch test strips Lot # Positive for Res. Chlorine? Y N Residual chlorine strips Lot # **DN/A** Headspace in VOA Vials (>6mm): DNo □Yes DN/A 16 Trip Blank Present: □Yes □No Trip Blank Custody Seals Present □Yes TNo D/N/A Pace Trip Blank Lot # (if applicable): Field Data Required? Y / N Client Notification/ Resolution: Date/Time: Person Contacted: Comments/ Resolution:

^{*} PM (Project Manager) review is documented electronically in LIMS.





December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

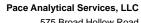
, (631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI

zne Oldroya, intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

Date: 12/03/2018 12:20 PM

Pace Project No.: 70/18/3								
Sample: W24-A112	Lab ID: 707	1873001	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:2	28 7439-92-1	
Sample: W25-OUTSIDE B108 F	Lab ID: 707	1873002	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:3	7439-92-1	
Sample: W26-B106	Lab ID: 707	1873003	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	4.4	ug/L	1.0	1		11/30/18 23:4	6 7439-92-1	
Sample: W27-B103	Lab ID: 707	1873004	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	2.8	ug/L	1.0	1		11/30/18 23:5	60 7439-92-1	
Sample: W28-B104	Lab ID: 707	1873005	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	1.8	ug/L	1.0	1		11/30/18 23:5	3 7439-92-1	
Sample: W29-B105	Lab ID: 707	1873006	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					



Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

Date: 12/03/2018 12:20 PM

Sample: W30-LIBRARY SINK	Lab ID: 707	71873007	Collected:	11/09/1	00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Repoi	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8						
Lead	2.0	ug/L		1.0	1		12/01/18 00:0	05 7439-92-1	
Sample: W31-OUTSIDE LIBRARY F	Lab ID: 707	71873008	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Repoi	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		12/01/18 00:0	08 7439-92-1	
Sample: W32-OUTSIDE A110	Lab ID: 707	71873009	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8	,					_
Lead	<1.0	ug/L		1.0	1		12/01/18 00:1	11 7439-92-1	



QUALITY CONTROL DATA

EPA 200.8

Analyzed

Qualifiers

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

QC Batch: 92987

Parameter

Analysis Method:

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071873001, 7071873002, 7071873003, 7071873004, 7071873005, 7071873006, 7071873007, 7071873008,

7071873009

METHOD BLANK: 429226 Matrix: Water

Units

Associated Lab Samples: 7071873001, 7071873002, 7071873003, 7071873004, 7071873005, 7071873006, 7071873007, 7071873008,

Blank

Result

7071873009

Lead ug/L <1.0 1.0 11/30/18 23:16 LABORATORY CONTROL SAMPLE: 429227 LCS LCS Spike % Rec Parameter Units Conc. Result % Rec Limits Qualifiers 96 48.2 Lead 50 85-115 ug/L MATRIX SPIKE SAMPLE: 429229 7071873001 Spike MS MS % Rec Result % Rec Limits Parameter Units Conc. Result Qualifiers <1.0 Lead 2 2.5 110 70-130 ug/L MATRIX SPIKE SAMPLE: 429231 7071873002 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L <1.0 2 2.3 110 70-130

Reporting

Limit

SAMPLE DUPLICATE: 429228

 Parameter
 Units
 7071873001 Result
 Dup Result
 RPD
 Qualifiers

 Lead
 ug/L
 <1.0</td>
 <1.0</td>
 <1.0</td>

SAMPLE DUPLICATE: 429230

Date: 12/03/2018 12:20 PM

Parameter	Units	7071873002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:20 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-WEXFORD

Pace Project No.: 7071873

Date: 12/03/2018 12:20 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071873001	W24-A112	EPA 200.8	92987		
7071873002	W25-OUTSIDE B108 F	EPA 200.8	92987		
7071873003	W26-B106	EPA 200.8	92987		
7071873004	W27-B103	EPA 200.8	92987		
7071873005	W28-B104	EPA 200.8	92987		
7071873006	W29-B105	EPA 200.8	92987		
7071873007	W30-LIBRARY SINK	EPA 200.8	92987		
7071873008	W31-OUTSIDE LIBRARY F	EPA 200.8	92987		
7071873009	W32-OUTSIDE A110	EPA 200.8	92987		

DRINKING WATER OTHER GROUND WATER X WO#:7071873 REGULATORY AGENCY RCRA PA STATE: NPDES Site Location UST CHAIN-OF-CUSTODY / Analytical Reques The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be c Attention: Same Company Name: Invoice Information; Pacs Guota Reference: Pace Project Manager: Pace Profile #: Section C Address: Project Name: Pine Richland - Wextern Purchase Order No.: 08163144-14 Required Project Information: Same Project Number Section B Report To: Copy To: PAY 2-922-4000 F 412-922-4043 Erreil To: mike.kopar@psiusa.com Pittsburgh PA 15220 Requested Due Date/TAT: Standard Address: 850 Poplar Street Pace Analytical* Section A Required Client Information: Company: PSI

DATE TIME To more in a control of the control of t			-	F		ATRICIONAL CONTRACT	-			1	-		United States States	-	1	requested Analysis Fittered (Y/N)	Ananyan	SFINER	(AW)				
SAMPLE ID Source of the Product of t	Section D Required Clent information	용점	-			ö	LLECTE	0			ч,	reser	vafives		₽N/A								
No. No.	ON AN	/aler			8 %	APOSITE START		NOGRAB	ОПТЕСТІОН	s					ì					(N/A)			
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SAMPLER NAME AND SKGNATURE PRINT Name of SAMPLER: Deidre Morrison SIGNATURE of SAMPLER: Deidre Morrison DATE Signed 10,0119																							
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3							SIGNA	TURE of SA	MPLER						DATE	DATE Signed	10/9	/18		meT		pelea	elgma Y)

F-ALL-Q-020rev.07, 15-May-2007

"Important thole By signing this form you are accepting Pace's NET 30 day payment terms and egreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt

Pace Analytical Long teland Laboratory					WO:	#:7071873
	Client	Name:				
0	D	510			PM: J	24.4
Courier: X Fed Ex UPS USPS C	lient Comn	nercial 🗌 Pa	ice Dth	er	CLIEN	T: PSIC
Tracking #: 4670 11	15	554				
Custody Seal on Cooler/Box Present:	Yes No	Seals	intact:	Yes No		Temperature Blank Present: Yes No
Packing Material: ☐Bubble Wrap ☐Bubb	- 1	olde None	□Dther	_		Type of Ice: Wet Blue None
Thermometer Used: TH091		tion Factor:	/)	\mathcal{O}		Samples on ice, cooling process has begun
Cooler Temperature (°C):		emperature	-	ed (°C):	_	Date/Time 5035A kits placed in freezer
The se second to the state of the state of		emperature	OUTCOL			Date/Time 3033A kits placed in freezer
Temp should be above freezing to 6.0°C USDA Regulated Soil N/A, water sample of the control of	ple)			Date and I	nitials of p	person examining contents: JK 11/5/18
Did samples originate in a quarantine zone within the		s: AL, AR, CA,	FL, GA, ID	, LA, MS, NC,		Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question			I Checklis	st (F-LI-C-010) and incl	ude with SCUR/COC paperwork.
		-				COMMENTS:
Chain of Custody Present:	Plyes	□No		1.		
Chain of Custody Filled Out:	□ Yes	□No		2.		
Chain of Custody Relinquished:	Yes	□No		3.		
Sampler Name & Signature on COC:	□Yes	ENO	□N/A	4.		
Samples Arrived within Hold Time:	Yes	□No		5.		
Short Hold Time Analysis (<72hr):	□Yes	DNo		6.		
Rush Turn Around Time Requested:	□Yes	□No		7.		
Sufficient Volume: (Triple volume provided for MS/N		□No		8.		
Correct Containers Used:	Yes	□No		9.		
	Pres	□No		0.		2
-Pace Containers Used:	-//		-	10.		
Containers Intact:	Yes	□No		- 1000 Con	4-16	4 to 10 to 1
Filtered volume received for Dissolved tests	□Yes,	□No	EN/A		te ii sedime	nt is visible in the dissolved container.
Sample Labels match COC:	Yes	□No		12.		
-Includes date/time/ID/Analysis Matrix SL All containers needing preservation have been chec	WT OIL	MAL DICKET		-	LINIO	THOSE THOM THE
(121111	Yes	□No	□N/A	13.	HNO ₃	☐ H₂SO₄ ☐ NaOH ☐ HCI
pH paper Lot # MC85/4(e)	C			C		3.
All containers needing preservation are found to be compliance with EPA recommendation?	in			Sample #		
(HNO₃, H₂SO₄, HCI, NaOH>9 Sultide,	[]Yes	□No	□N/A			
NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Gre	ase					
DRO/8015 (water).	350,			Initial when o	completed:	Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis						
Samples checked for dechlorination:	□Yes	□No	ANA	14.		Te
KI starch test strips Lot # Residual chlorine strips Lot #				Por	sitive for Re	s, Chlorine? Y N
	ПУсс	□No	O N/A	15.	Silve for the	S. Officials 1 14
Headspace in VOA Vials (>6mm):	□Yes		ON/A	16.		
Trip Blank Present:	□Yes	□No	1	10.		
Trip Blank Custody Seals Present	□Yes	□No	DINIA			
Pace Trip Blank Lot # (if applicable):	-	V ======		Elizabet 5		V 1 N
Client Notification/ Resolution:				Field Data R		Y / N
Person Contacted:				Da	ite/Time:	
Comments/ Resolution:						

^{*} PM (Project Manager) review is documented electronically in LIMS.



TABLE 5.0 DRINKING WATER SAMPLES Pine-Richland Middle School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)	
MS-01	Sink	Kitchen Office	First Draw	ND	
MS-02	Sink	Nurse Office	First Draw	ND	
MS-03	Sink	Office Rm 102	First Draw	ND	
MS-04	WF	Outside Cafeteria	First Draw	1.0	
MS-05	Kettle	Kitchen Kettle	First Draw	14.4	
MS-06	Sink	Kitchen Rear	First Draw	1.7	
MS-07	WF	Outsdie of Rm 411	First Draw	ND	
MS-08	WF	Outsdie of Rm 207	First Draw	1.0	
MS-09	Sink	Womens Faculty Rm	First Draw	1.0	
MS-10	WF	Outside Rm 206	First Draw	ND	
MS-11	Sink	Guidance Office	First Draw	ND	
MS-12	WF	Outside Rm 403	First Draw	ND	
MS-13	Sink	Faculty Rm 400	First Draw	ND	
MS-14	Sink	Special Needs Rm 300	First Draw	ND	
MS-15	Sink	Art Rm 2	First Draw	ND	
MS-16	Sink	Art Rm 1	First Draw	ND	
MS-17	Sink	Library	First Draw	ND	
MS-100	WF	Outside Gym L	First Draw	ND	
MS-101	WF	Outside Gym R	First Draw	ND	
MS-102	Filler	Outside Gym	First Draw	ND	
MS-103	WF	Outside Art 2	First Draw	ND	
MS-104	WF	Outside E&E	First Draw	ND	
MS-105	Sink	Home-Economics Sink #1	First Draw	ND	
MS-106	Sink	Home-Economics Sink #2	First Draw	ND	
MS-107	Sink	Home-Economics Sink #3	First Draw	ND	
MS-108	Sink	Home-Economics Sink #4	First Draw	ND	





PSI Project Number: 08163144-14 Pine-Richland School District Lead in Water Screening December 18, 2018 Page 17 of 22

Sample	No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
MS-109		Sink	Home-Economics Sink #5	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

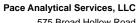
john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Date: 12/03/2018 12:23 PM

Pace Project No.: 7071870								
Sample: MS1-OFFICE KITCHEN	Lab ID: 7071870001		Collected: 11/09/18 00:00		Received: 11/15/18 11:45		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	8					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:4	5 7439-92-1	
Sample: MS2-NURSE SINK	Lab ID: 707	71870002 (Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	3					
Lead	<1.0	ug/L	1.0	1		11/30/18 13:5	64 7439-92-1	
Sample: MS3-OFFICE RM102 F	Lab ID: 7071870003		Collected: 11/09/18 00:00		Received:	11/15/18 11:45	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	3					
Lead	<1.0	ug/L	1.0	1		11/30/18 14:0	3 7439-92-1	
Sample: MS4-OUTSIDE CAFETERIA Lab ID: 70		DID: 7071870004 Collected: 11/09/18 00:00		Received: 11/15/18 11:45 Matrix: Drinking Water			Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	8					
Lead	1.0 ug/L		1.0	1	11/30/18 14:28 7439-92-1			
Sample: MS5-KITCHEN KETTLE	Lab ID: 707	1870005 (Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	8					
Lead	14.4	ug/L	1.0	1		11/30/18 14:3	31 7439-92-1	
Sample: MS6-KITCHEN SINK REAR	Lab ID: 707	1870006 (Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	8					
Lead	1.7	ug/L	1.0	1		11/30/18 14:3	34 7439-92-1	



Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Date: 12/03/2018 12:23 PM

Sample: MS7-400 HALL OUTSIDE RM 411 F	Lab ID: 707	1870007	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 14:3	7439-92-1	
Sample: MS8-OUTSIDE RM 207 F	Lab ID: 707	1870008	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	1.0	ug/L		1.0	1		11/30/18 14:4	0 7439-92-1	
Sample: MS9-WOMENS FACULTY RM SINK	Lab ID: 707	1870009	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinkinç	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	1.0	ug/L		1.0	1		11/30/18 14:4	3 7439-92-1	
Sample: MS10-OUTSIDE RM206 F	Lab ID: 707	1870010	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 14:4	6 7439-92-1	
Sample: MS11-GUIDANCE OFFICE SINK	Lab ID: 707	1870011	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 14:5	5 7439-92-1	
Sample: MS12-OUTSIDE 403 F	Lab ID: 707	1870012	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						



Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Date: 12/03/2018 12:23 PM

Sample: MS13-RM 400 FACULTY SINK	Lab ID: 707	1870013	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 15:0)1 7439-92-1	
Sample: MS14-RM 300 SPECIAL NEEDS SINK	Lab ID: 707	1870014	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 15:0)4 7439-92-1	
Sample: MS15-ART RM 2 SINK	Lab ID: 707	1870015	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 15:0	7439-92-1	
Sample: MS16-ART RM 1 SINK	Lab ID: 707	1870016	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 15:1	10 7439-92-1	
Sample: MS17-LIBRARY SINK	Lab ID: 707	1870017	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	od: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 15:1	13 7439-92-1	



QUALITY CONTROL DATA

PINE RICHLAND-MIDDLE SCHOOL Project:

Pace Project No.: 7071870

Date: 12/03/2018 12:23 PM

QC Batch: 92917 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071870001, 7071870002, 7071870003, 7071870004, 7071870005, 7071870006, 7071870007, 7071870008, Associated Lab Samples:

7071870009, 7071870010, 7071870011, 7071870012, 7071870013, 7071870014, 7071870015, 7071870016,

7071870017

METHOD BLANK: 428950 Matrix: Water

7071870001, 7071870002, 7071870003, 7071870004, 7071870005, 7071870006, 7071870007, 7071870008, 7071870009, 7071870010, 7071870011, 7071870012, 7071870013, 7071870014, 7071870015, 7071870016,Associated Lab Samples:

Blank

Reporting

Parameter	Units	Result	Limit		Analyzed	Qualific	ers	
Lead	ug/L	<1.0	,	1.0	11/30/18 13:	33		
LABORATORY CONTROL SAMPLE:	428951	Chika	LCS		LCS	% Rec		
Parameter	Units	Spike Conc.	Result		6 Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	50.8		102	85-115		
MATRIX SPIKE SAMPLE:	428953							
Parameter	Units	7071870001 Result	Spike Conc.		MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<	1.0 2	2	2.5	109	70-130	
MATRIX SPIKE SAMPLE:	428955							
Parameter	Units	7071870002 Result	Spike Conc.		MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<	1.0 2	2	2.4	109	70-130	
SAMPLE DUPLICATE: 428952								
Parameter	Units	7071870001 Result	Dup Result		RPD	Qualifiers		
Lead	ug/L	<1.0	<	1.0				
SAMPLE DUPLICATE: 428954								
Parameter	Units	7071870002 Result	Dup Result		RPD	Qualifiers		
Lead	ug/L	<1.0	<	1.0		_		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:23 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071870

Date: 12/03/2018 12:23 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071870001	MS1-OFFICE KITCHEN	EPA 200.8	92917		
7071870002	MS2-NURSE SINK	EPA 200.8	92917		
7071870003	MS3-OFFICE RM102 F	EPA 200.8	92917		
7071870004	MS4-OUTSIDE CAFETERIA	EPA 200.8	92917		
7071870005	MS5-KITCHEN KETTLE	EPA 200.8	92917		
7071870006	MS6-KITCHEN SINK REAR	EPA 200.8	92917		
7071870007	MS7-400 HALL OUTSIDE RM 411 F	EPA 200.8	92917		
7071870008	MS8-OUTSIDE RM 207 F	EPA 200.8	92917		
7071870009	MS9-WOMENS FACULTY RM SINK	EPA 200.8	92917		
7071870010	MS10-OUTSIDE RM206 F	EPA 200.8	92917		
7071870011	MS11-GUIDANCE OFFICE SINK	EPA 200.8	92917		
7071870012	MS12-OUTSIDE 403 F	EPA 200.8	92917		
7071870013	MS13-RM 400 FACULTY SINK	EPA 200.8	92917		
7071870014	MS14-RM 300 SPECIAL NEEDS SINK	EPA 200.8	92917		
7071870015	MS15-ART RM 2 SINK	EPA 200.8	92917		
7071870016	MS16-ART RM 1 SINK	EPA 200.8	92917		
7071870017	MS17-LIBRARY SINK	EPA 200.8	92917		

Pace Analytical"

CHAIN-OF-CUSTODY / Analytical Requer
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be

WO#:7071870

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1870	1010	REGULAT	NPDES		S	Site Location	STATE	nalysis F				+					-	-			1	DATE	11/5				10/9/18
табоч:	ame							Requested Analysis Filtered (Y/N)	Proservatives >	1	HOI Na2S ₂ O ₃ Methanol Other Analysis Test				*							ACCEPTED BY / AFFILIATION,	MILIMATION			Deidre Morrison	DATE Signed
Attention:		Сотралу Name	Address:	Pace Cuota	Reference:	Pace Project Manager	Pace Profile #:			St	# OF CONTAINER		-		\exists		+	F		+	+	TME				Deid	
						t School					FA WHAT ELYMAS	1										DATE	11/9/18		ME AND SKGNATURE	PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:
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Company: PSI		850 Poplar Street	Pittsburgh PA 15220	800	T	712-922-4043	Requested Due Date/TAT: Standard P		Section D Required Crent information MATRIX 1, CODE	Databing Water Waster Waster Waster Waster Source S	Sample IDs MUST BE UNIQUE Tissue Other	151-Office Kitchen	MCZ- Nurse Sink	753- Outside Am 102 F	1774 - Outside Catterior	155- KICKO CIOLO	757-406411 Outside Rmy11	07 F	1959 - Womens, Faculty Rm	310-04+5de Km 206 F	15/2- Outside 403 F	ADDITIONAL COMMENTS			ac	5	

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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PSI	Report To: Same	Ф			Attention:	Same						N	22270	5/
Address: 850 Poplar Street	Copy To:				Company Name	Vame:				REGULATORY AGENCY	Y AGENC			
Pittsburgh PA 15220					Address:					NPDES	F GROU	GROUND WATER	×	DRINKING WATER
1	Purchase Order No	08163144-14	4		Pace Guota Reference:					T ust	☐ RCRA		٤ ـ	OTHER
	Project Name: Pine Richland -	Richland -/	" Alle	Chapl	Pace Project Manager					Site Location	L			
	Project Number				Pace Profile #:	*				STATE	PA	-		
									Requested /	Requested Analysis Filtered (V/N)	red (Y/N)			
Section D Matrix Codes Required Cient information MATRIX / CODE	(Net of	COLLECT	ECTED			Preservatives	atives	∦N/A						
Driving Water Water Waste Water Waste Water Product SollSolid	EGRAB C=C	COMPOSITE	COMPOSITE		s			t				(N/A)		
Sample (Ds MUST BE UNIQUE Tissue Other) BOOD XIRTAM	DATE	DATE	AMPLE TEMP AT C	# OF CONTAINER	HO3 HYSO*	VaOH VaCla Sethanol	Teat Analysis Test Dead				sesidual Chlorine		
513 - Km406 Faculty	SMK DWG	00		1	F	ı ×				-		4	Pace Pro	race Project No. Lab I.D.
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						/)			
800	OBICIEIAI	SAMPLER NA	NAME AND	ME AND SIGNATURE		-						-	-	
5	TOWN		PRINT Name of SAMPLER	of SAMPLER		Deidre Morrison	ison	The state of the s				, uį di	(V/V)	(N/A)
			SIGNATURE of SAMPLER	A SAMPIED				ď	DATE Signed	0.000			Cu	<u></u>

Pace Analytical*	Sa	mple C	onditi	WO#: 7071870 F PM: JDS Due Date: 12/	103/18
For Steamer Franksista	Client N	lame:		F PM: JDS Due Date: 127	03/10
	Q-	51C		CLIENT: PSIC	
Courier Fed Ex UPS USPS (Client Commo	ercial 🗆 Pa	ce Dth		
471 11	119 2	SUT)		
Tracking #:	930	Scale	intant:	Yes No Temperature Blank Present:	Yes No
Custody Seal on Cooler/Box Present:		NI			
Packing Material: Bubble Wrap Bubble	ole Bags ∐Zipl	loc Mone	Dther	\(\frac{1}{2}\)	one
Thermometer Used: TH091		on Factor:		Samples on ice, cooling proce	UIL CLASS CONTRACTOR
Cooler Temperature (°C):	Cooler Te	emperature	Correcte	d (°C): Date/Time 5035A kits placed	in freezer
Temp should be above freezing to 6.0°C					1/11/2
USDA Regulated Soil (N/A, water same	iple)			Date and Initials of person examining contents:	nijodi
Did samples originate in a quarantine zone within NM, NY, OK, OR, SC, TN, TX, or VA (check map)	? YES	NO NO		LA, MS, NC, Did samples orignate from a foreign including Hawaii and Puerto Rico)? t (F-LI-C-010) and include with SCUR/COC paperwo	Yes No
If Yes to either question	n, fill out a Reg	julateu 50i	Checkiis	COMMENTS:	irk.
Chain of Custody Present:	ØYes	□No		1.	1 -1-15
Chain of Custody Present: Chain of Custody Filled Out:	Yes	□No		2.	
Chain of Custody Pilled Out. Chain of Custody Relinquished:	Yes	□No		3.	
Sampler Name & Signature on COC:	□Yes	ZNO	□N/A	4.	
Samples Arrived within Hold Time:	Yes	□No		5.	
Short Hold Time Analysis (<72hr):	□Yes	□Ño		6.	3110-412-113
Rush Turn Around Time Requested:	□Yes	□N6		7.	
Sufficient Volume: (Triple volume provided for MS.		□No		8.	
Correct Containers Used:	DYes	□No	10.00	9	
-Pace Containers Used:	Pres	□No			
Containers Intact:	Yes	□No		10.	
Filtered volume received for Dissolved tests	□Yes	□No	DNA	Note if sediment is visible in the dissolved container	:
Sample Labels match COC:	Yes	□No		12.	
	WT OIL				
All containers needing preservation have been che		□No	□N/A	13. ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐	I HCI
pH paper Lot # HL 857 4 6 4					
All containers needing preservation are found to be	a in			Sample #	
compliance with EPA recommendation?		□No	□N/A		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	Yes	LINO			
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gr DRO/8015 (water).	ease,			Initial when completed: Lot # of added preservative: Date/	ime preservative added
Per Method, VOA pH is checked after analysis					
Samples checked for dechlorination:	□Yes	□No	DAVA	14.	
KI starch test strips Lot #					
Residual chlorine strips Lot #	NACCES AND A		- Samo	Positive for Res. Chlorine? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	DAV/A	15.	
Trip Blank Present:	□Yes	□No	DIN/A	16.	
Trip Blank Custody Seals Present	□Yes	□No	DINA		
Pace Trip Blank Lot # (if applicable):	-				
Client Notification/ Resolution:				Field Data Required? Y / N	
Person Contacted:				Date/Time:	
Comments/ Resolution:					
*					

^{*} PM (Project Manager) review is documented electronically in LIMS.





December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Date: 12/03/2018 12:21 PM

Sample:	*MS-100-WF OUTSIDE GYM	Lab ID:	7071872001	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	00.8						,
Lead		<1.0	ug/L		1.0	1		11/30/18 17:5	7439-92-1	
Sample:	*MS-101-WF OUTSIDE GYM	Lab ID:	7071872002	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 18:0	00 7439-92-1	
Sample:	*MS-102-RWF BOTTLE FILLER	Lab ID:	7071872003	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		11/30/18 18:0	3 7439-92-1	
Sample:	*MS-103-WF OUTSIDE ART	Lab ID:	7071872004	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		11/30/18 18:0	06 7439-92-1	
Sample:	MS-104-WF OUTSIDE E AN	Lab ID:	7071872005	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		11/30/18 18:0	9 7439-92-1	
Sample:	MS-105-HOM EC SINK 1	Lab ID:	7071872006	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical I	Method: EPA 2	00.8						



Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Date: 12/03/2018 12:21 PM

Sample: MS-106-HOM EC SINK 2	Lab ID: 707	1872007	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 18:1	5 7439-92-1	
Sample: MS-107-HOME EC SINK 3	Lab ID: 707	1872008	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 18:1	8 7439-92-1	
Sample: MS-108-HOME EC SINK 4	Lab ID: 707	1872009	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 18:2	1 7439-92-1	
Sample: MS-109-HOME EC SINK 5	Lab ID: 707	1872010	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						



QUALITY CONTROL DATA

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Date: 12/03/2018 12:21 PM

QC Batch: 92921 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071872001, 7071872002, 7071872003, 7071872004, 7071872005, 7071872006, 7071872007, 7071872008,

7071872009, 7071872010

METHOD BLANK: 428965 Matrix: Water

Associated Lab Samples: 7071872001, 7071872002, 7071872003, 7071872004, 7071872005, 7071872006, 7071872007, 7071872008,

7071872009, 7071872010

7071072	009, 707 1072010	5 1 1	.				
Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1.0				
LABORATORY CONTROL SAMPLE:	428966						
Parameter	Units	•	LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	47.3	95	85-115		
MATRIX SPIKE SAMPLE:	428968						
Parameter	Units	7071871021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.	.0 2	2.6	115	70-130	
MATRIX SPIKE SAMPLE:	428970						
Parameter	Units	7071871022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.	.0 2	2.5	111	70-130	
SAMPLE DUPLICATE: 428967							
Parameter	Units	7071871021 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)		_	
SAMPLE DUPLICATE: 428969							
Parameter	Units	7071871022 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0	0			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

DEFINITIONS

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TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:21 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-MIDDLE SCHOOL

Pace Project No.: 7071872

Date: 12/03/2018 12:21 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071872001	*MS-100-WF OUTSIDE GYM	EPA 200.8	92921		
7071872002	*MS-101-WF OUTSIDE GYM	EPA 200.8	92921		
7071872003	*MS-102-RWF BOTTLE FILLER	EPA 200.8	92921		
7071872004	*MS-103-WF OUTSIDE ART 2	EPA 200.8	92921		
7071872005	MS-104-WF OUTSIDE E AN E	EPA 200.8	92921		
7071872006	MS-105-HOM EC SINK 1	EPA 200.8	92921		
7071872007	MS-106-HOM EC SINK 2	EPA 200.8	92921		
7071872008	MS-107-HOME EC SINK 3	EPA 200.8	92921		
7071872009	MS-108-HOME EC SINK 4	EPA 200.8	92921		
7071872010	MS-109-HOME EC SINK 5	EPA 200.8	92921		

Pace Analytical"

WO#:7071872 CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be con

DRINKING WATER OTHER NPDES | GROUND WATER X REGULATORY AGENCY RCRA PA Requested Analysis Filtered (Y/N) STATE: Site Location T UST Same Invoice Information; Company Name: Section C Tace Quota tefermica: ace Project Attention: Address: Project Name: Pine Richland - Midd Purchase Order No.: 08163144-14 Section B Required Project Information: Same Report To: Copy To: "472-922-4000 F412-922-4043 Email To: mike.kopar@psiusa.com Pittsburgh PA 15220 Requested Due Date/TAT: Standard 850 Poplar Street Required Client Information: Company: PSI Section A

SAMPLE ID Solusoid Signal Solusoid Solu	SAMPLE ID ON Waste water www sourcestre convosine convosine sourcestre convosine convo	SAMPLE ID Solving Waste Water WW Sample Date Product Solving	SAMPLE ID Source where www sources the product of t	SAMPLE ID Solvesore Productor Waste Water Way Sample LDs Solvesore Conscious (Solvesore Conscious Consciou	Sample Use Water water www. Sample Use Water water www. Sample Use School Sample Use School Sample Use School Sample Use School Sample Use School Sample Use School Sample Use S	SAMPLE ID COMPOSITE COMPOSITE FORMS AND THE	SAMPLE ID ON White Wash Water WW Sall Sold Sold Sold Sold Sold Sold Sold So	SAMPLE ID Ownser www solutions to be solved to the solution of	SAMPLE ID ONE Waste With Windows SAMPLE ID ONE SAMPLE ID ONE Waste Windows Sample Dis Must be under the country of the country
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MS-168 - SURY SURVEY SU	MS- 10% - C13 PM - S13 ADDITIONAL COMMENTS ADDITIONAL COMMENTS ADDITIONAL COMMENTS ACCEPTED BY (AFFILIATION DATE TIME ACCEPTED BY (AFFILIATIO	ADDITIONAL COMMENTS RELINQUISHED BY / AFFILLATION DATE TIME ACCEPTED BY / AFFILLATION DATE ACCEPTED BY	ADDITIONAL COMMENTS RELINQUISHED BY AFFILIATION DATE TIME ACCEPTED BY JAFRILATION ACCEPTED BY JAFRILAT	Alex Edmonds/ PSI 11/9/18 MMR Accepted BY (AFRILATION)			SAMPLER NAM	SAMPLER NAME AND SKRNATURE PRINT Name of SAMPLER:	

F-ALL-Q-020rev.07, 15-May-2007

Important Note: By signing this form you are accepting Pace's HET 30 day payment terms and agreeing to late charges of 1.5% per month for any envisions not paid writing 30 days.

	Sa	mple C	onditi	on Upo	on F	#:70718	79
Pace Analytical*					WC)#:/U/10	
Und way caused	Client N	lame:			Pr PM:		: 12/03/18
	D	51C			CLI	ENT: PSIC	
Courier: X Fed Ex UPS USPS	Client Comme	ercial	ice Dth	er			
V 117.77	1115 <	54	7)		- Carrier		921
Tracking #: 40101	TYON TONIO	Spals	intact:	Yes N	- Io	Temperature Blank Pre	esent: Yes No
Custody Seal on Cooler/Box Present				,,,,,,		Type of Ice: Wet Blu	
Packing Material: ☐ Bubble Wrap ☐ B			1	0		/	()
Thermometer Used: TH091		on Factor:		d (°C)		Samples on ice, cooling	
Cooler Temperature (°C):		emperature	Correcte	a (C).		Date/Time 5035A kits p	laced in freezer
Temp should be above freezing to 6.0°C				Data an	.d tuitiala af :	person examining conte	W 11/5/18
USDA Regulated Soil N/A, water s		1905 - 8006490-92804	100 000 000			181	foreign source (internationally,
Did samples originate in a quarantine zone wit NM, NY, OK, OR, SC, TN, TX, or VA (check n	nap)? YES	NO				including Hawaii and Puerto	Rico)? Yes No
If Yes to either ques	tion, fill out a Reg	ulated Soi	Checklis	st (F-LI-C-	010) and inc	ude with SCUR/COC pa	perwork.
	1	Пи-		1.		COMMENTS.	
Chain of Custody Present:	Yes	□No		2.			
Chain of Custody Filled Out:	Yes	□No		3.			
Chain of Custody Relinquished:	Ø Yes	□No		4.			
Sampler Name & Signature on COC:	□Yes	5 (%)	□N/A	5.			
Samples Arrived within Hold Time:	eves	□No		6.			
Short Hold Time Analysis (<72hr):	□Yes	No		7.			
Rush Turn Around Time Requested:	□Yes	. DNO		8.			
Sufficient Volume: (Triple volume provided for	6)	□No		9.			
Correct Containers Used:	Yes	□No	#5	5.		8	
-Pace Containers Used:	Yes	□No		10.			
Containers Intact:	QYes	□No	ØK/A	11.	Note if sedime	nt is visible in the dissolved co	ntainer
Filtered volume received for Dissolved tests	Yes	□No	DAY!	12.	TVOIC II SCUITIC	it is visible in the dissolved so	mainer.
Sample Labels match COC:	Yes	□No		14.			
-Includes date/time/ID/Analysis Matrix All containers needing preservation have been	chacked		Пана	13.	□ HNO₃	□ H₂SO₄ □ NaOH	□ HCI
100	100	□No	□N/A	15.	□ 1111O3	L112004 L111011	Lino
pH paper Lot # H(83746)	n be in			Sample #			
All containers needing preservation are found to compliance with EPA recommendation?	o be in			Paramate Constitution			
(HNO₃, H₂SO₄, HCl, NaOH>9 Sulfide,	□Yes	□No	□N/A	1			
NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and	Grease,			Initial wh	en completed:	Lot # of added preservative:	Date/Time preservative added
DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial Wil	en completed.	Lot # of added preservative.	Date: Time preservative added
Samples checked for dechlorination:	□Yes	□No	□M/A	14.			
KI starch test strips Lot #							
Residual chlorine strips Lot#					Positive for Re	s, Chlorine? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	DN/A	15.			
Trip Blank Present:	□Yes	□No	DNA	16.			
Trip Blank Custody Seals Present	□Yes	□No	DINA				
Pace Trip Blank Lot # (if applicable):			/				
Client Notification/ Resolution:				Field Da	ta Required?	Y / N	š.
Person Contacted:					Date/Time:		
Comments/ Resolution:							

^{*} PM (Project Manager) review is documented electronically in LIMS.



TABLE 6.0 DRINKING WATER SAMPLES Pine-Richland High School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-01	WF	Outside Weight Rm	First Draw	ND
HS-02	Filler	Outside Weight Rm	First Draw	ND
HS-03	Sink	Rm 061	First Draw	1.3
HS-04	WF	Rm 064	First Draw	ND
HS-05	Sink	Rm 068A	First Draw	ND
HS-06	Sink	Outside Rm 068A	First Draw	1.4
HS-07	Sink	Exam Rm 068C	First Draw	ND
HS-08	Dispenser	Rm 067 Fridge	First Draw	ND
HS-09	Sink	Rm 067	First Draw	ND
HS-10	WF	Outside Rm 069J	First Draw	ND
HS-11	Sink	Rm 070B	First Draw	ND
HS-12	WF	Outside of Attendance Office L	First Draw	ND
HS-13	WF	Outside of Attendance Office R	First Draw	ND
HS-14	Filler	Outside of Attendance Office	First Draw	ND
HS-15	WF	Outside Rear Auditorium L	First Draw	ND
HS-16	Filler	Outside Rear Auditorium	First Draw	ND
HS-17	WF	Outside Rear Auditorium R	First Draw	ND
HS-18	Sink	Rm 016	First Draw	ND
HS-19	WF	Outside Rm 020	First Draw	ND
HS-20	Sink	Rm 027	First Draw	ND
HS-21	WF	Outside Rm 033	First Draw	ND
HS-22	Sink	Rm 039	First Draw	ND
HS-23	Sink	Rm 035	First Draw	2.2
HS-24	Sink	Rm 037	First Draw	ND
HS-25	WF	Outside Library Office L	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-26	WF	Outside Library Office R	First Draw	ND
HS-27	Sink	Library Office	First Draw	1.4
HS-28	Sink	Kitchen Outside Storage C L	First Draw	ND
HS-29	Sink	Kitchen Outside Storage C R	First Draw	ND
HS-30	Kettle	Kitchen Outside Storage C L	First Draw	114.0
HS-31	Kettle	Kitchen Outside Storage C Mid	First Draw	387.0
HS-32	Kettle	Kitchen Outside Storage C R	First Draw	232.0
HS-33	Sink	Kitchen Outside FLA	First Draw	ND
HS-34	Sink	Kitchen L of Pizza Oven	First Draw	ND
HS-35	Sink	Kitchen R of Pizza Oven	First Draw	ND
HS-36	WF	Outside Rm 119S	First Draw	ND
HS-37	Sink	Rm 120 Kit #3	First Draw	ND
HS-38	Sink	Rm 120 Kit #4	First Draw	ND
HS-39	Sink	Rm 120 Kit #1	First Draw	ND
HS-40	Sink	Rm 120 Kit #2	First Draw	ND
HS-41	WF	Rm 114	First Draw	8.4
HS-42	Sink	Rm 113	First Draw	ND
HS-43	WF	Administration Office	First Draw	ND
HS-44	Sink	Staff Rm	First Draw	ND
HS-45	Sink	Dewitt Conference Rm	First Draw	1.3
HS-46	Sink	Outside A7 Work Rm	First Draw	ND
HS-47	WF	Outside 11B Office	First Draw	ND
HS-48	Sink	Rm 104A	First Draw	ND
HS-49	WF	Outside Rm 100	First Draw	ND
HS-50	WF	Cafeteria Outside FC Storage	First Draw	ND
HS-51	Filler	Cafeteria Outside FC Storage	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-52	WF	Cafe Outside Student ACT	First Draw	ND
HS-53	Filler	Cafe Outside Student ACT	First Draw	ND
HS-54	WF	Rm 317M L	First Draw	ND
HS-55	Filler	Rm 317M	First Draw	ND
HS-56	WF	Rm 317M R	First Draw	ND
HS-57	Sink	Rm 324	First Draw	ND
HS-58	WF	Rm 300M L	First Draw	ND
HS-59	Filler	Rm 300M	First Draw	ND
HS-60	WF	Rm 300W	First Draw	ND
HS-61	WF	Outside Rm 201	First Draw	ND
HS-62	Sink	Rm 211A	First Draw	ND
HS-63	WF	Outside Rm 212M	First Draw	ND
HS-64	Filler	Outside Rm 212M	First Draw	ND
HS-65	WF	Rm 415M L	First Draw	ND
HS-66	WF	Rm 415W R	First Draw	ND
HS-67	Filler	Rm 415W R	First Draw	ND
HS-68	Sink	Rm 422	First Draw	ND
HS-69	Sink	Rm 108	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

, (631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-001-WF OUTSIDE WEIGHT RM	Lab ID: 707	1875001	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 2	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 18:4	10 7439-92-1	
Sample: HS-002-WF FILLER WEIGHT RM	Lab ID: 707	71875002	Collected: 11/09/	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 18:4	19 7439-92-1	
Sample: HS-003 SINK INSIDE 061	Lab ID: 707	1875003	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 2	00.8					
Lead	1.3	ug/L	1.0	1		11/30/18 18:5	58 7439-92-1	
Sample: HS-004 WF INSIDE 064	Lab ID: 707	1875004	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 2	00.8			•	•	
Lead	<1.0	ug/L	1.0	1		11/30/18 19:0	1 7439-92-1	
Sample: HS-005 SNK INSIDE 068A 1ST IN	Lab ID: 707	71875005	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 19:1	0 7439-92-1	
Sample: HS-006 SNK INSDE 068A OUT CAFA	Lab ID: 707	71875006	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 2	00.8					



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-007 SINK INSDE 068C EXAM RM	Lab ID: 70	71875007	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L		.0 1		11/30/18 19:	16 7439-92-1	
Sample: HS-008 INSIDE 067 FRIDGE	Lab ID: 70	71875008	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L		.0 1		11/30/18 19:1	19 7439-92-1	
Sample: HS-009 SINK INSIDE 067	Lab ID: 70	71875009	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L		.0 1		11/30/18 19:2	22 7439-92-1	
Sample: HS-010 WF OUTSIDE 069J	Lab ID: 70	71875010	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L		.0 1		11/30/18 19:2	25 7439-92-1	
Sample: HS-011 SINK INSIDE 070B	Lab ID: 70	71875011	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 20	00.8					
Lead	<1.0	ug/L		.0 1		11/30/18 19:2	29 7439-92-1	
Sample: HS-012 LWF OUT ATTENDANCE OFIC	Lab ID: 70	71875012	Collected: 11/	09/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: FPA 20	00.8					
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Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Pace Project No.: 7071875									
Sample: HS-013 RWF OUT ATTENDANCE OFIC	Lab ID: 707	71875013	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 19:3	5 7439-92-1	
Sample: HS-014 WF FILLER OUT ATTENDANC	Lab ID: 707	71875014	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 19:3	8 7439-92-1	
Sample: HS-015 LWF OUT BACK AUDITORIUM	Lab ID: 707	71875015	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8				•	•	
Lead	<1.0	ug/L		1.0	1		11/30/18 19:4	7 7439-92-1	
Sample: HS-016 WF FILLER OUT BACK AUDI	Lab ID: 707	71875016	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 19:5	0 7439-92-1	
Sample: HS-017 RWF OUT BACK AUDITORIUM	Lab ID: 707	71875017	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 19:5	3 7439-92-1	
Sample: HS-018 SINK INSIDE 016	Lab ID: 707	71875018	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: FPA 2	00.8				•		
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Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-019 WF OUTSIDE 20 CLASSROOM	Lab ID: 707	1875019	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 19:5	59 7439-92-1	
Sample: HS-020 SINK INSIDE 027	Lab ID: 707	1875020	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 20:0)2 7439-92-1	
Sample: HS-021 WF OUTSIDE 033	Lab ID: 707	1875021	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 20:1	11 7439-92-1	
Sample: HS-022 SINK INSIDE 039	Lab ID: 707	1875022	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 20:2	27 7439-92-1	
Sample: HS-023 SINK INSIDE 035	Lab ID: 707	1875023	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8					
Lead	2.2	ug/L	1.0	1		11/30/18 20:3	36 7439-92-1	
Sample: HS-024 SINK INSIDE 037	Lab ID: 707	1875024	Collected: 11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Mat	had. EDA 20	 					
200.8 MET ICPMS Drinking Water	Analytical Met	nou: EPA 20	0.0					



Project: PINE RICHLAND-HIGH SCHOOL

Date: 12/03/2018 12:20 PM

Pace Project No.: 7071	875									
Sample: HS-025 LWF OU OFFICE	JT LIBRARY	Lab ID:	7071875025	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinkinç	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkir	ng Water	Analytical I	Method: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 20:42	2 7439-92-1	
Sample: HS-026 RWF O		Lab ID:	7071875026	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinkino	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkir	ng Water	Analytical I	Method: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 20:4	5 7439-92-1	
Sample: HS-027 SNK IN OFFICE	LIBRARY	Lab ID:	7071875027	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinkino	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkir	ng Water	Analytical I	Method: EPA 2	8.00						
Lead		1.4	ug/L		1.0	1		11/30/18 20:48	8 7439-92-1	
Sample: HS-028 L SNK (STORAGE	OUT KIT C	Lab ID:	7071875028	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinkino	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkir	ng Water	Analytical I	Method: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 20:5	1 7439-92-1	
Sample: HS-029 SNK TC C STOR	R OUT KIT	Lab ID:	7071875029	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkir	ng Water	Analytical I	Method: EPA 2	00.8				•		
Lead		<1.0) ug/L		1.0	1		11/30/18 21:0	1 7439-92-1	
Sample: HS-030 L KETT C STOR	LE OUT KIT	Lab ID:	7071875030	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinkino	g Water
Parameters		Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinkin	ng Water	Analytical I	Method: EPA 2	8.00						
Lead		114	ug/L		1.0	1		11/30/18 21:04	4 7439-92-1	



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Pace Project No.: 7071875									
Sample: HS-031 MID KETTLE OUT KIT C ST	Lab ID: 7	7071875031	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	8.00						
Lead	387	ug/L		1.0	1		11/30/18 21:0	7439-92-1	
Sample: HS-032 R KETTLE OUT KIT C STOR	Lab ID: 7	7071875032	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	8.00						
Lead	232	ug/L		1.0	1		11/30/18 21:1	0 7439-92-1	
Sample: HS-033 SNK KITCHEN OUTSIDE FLA	Lab ID: 7	7071875033	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:1	3 7439-92-1	
Sample: HS-034 SNK KIT L OT PIZZA OVEN	Lab ID: 7	7071875034	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:1	6 7439-92-1	
Sample: HS-035 SNK KIT R OF PIZZA OVEN	Lab ID: 7	7071875035	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:1	9 7439-92-1	
Sample: HS-036 WF OUTSIDE 119S	Lab ID: 7	7071875036	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 2	00.8						



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-037 RM 120 SINK KITCHEN 3	Lab ID: 70	71875037	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						-
Lead	<1.0	ug/L		1.0	1		11/30/18 21:2	25 7439-92-1	
Sample: HS-038 SINK IN RM 120 KIT 4	Lab ID: 70	71875038	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:2	28 7439-92-1	
Sample: HS-039 SINK IN RM 120 KIT 1	Lab ID: 70	71875039	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:3	37 7439-92-1	
Sample: HS-040 SINK IN RM 120 KIT 2	Lab ID: 70	71875040	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:4	11 7439-92-1	
Sample: HS-041 WF INSIDE 114	Lab ID: 70	71875041	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	8.4	ug/L		1.0	1		11/30/18 21:5	50 7439-92-1	
Sample: HS-042 SINK INSIDE 113	Lab ID: 70	71875042	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	<1.0	ug/L		1.0	1		11/30/18 21:5	7400 00 4	



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Pace Project N										
Sample: HS-0 OFF	043 WF INSIDE ADMIN FICE	Lab ID: 7	7071875043	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICF	PMS Drinking Water	Analytical M	lethod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:1	14 7439-92-1	
	044 SINK INSIDE FF RM	Lab ID: 7	7071875044	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICF	PMS Drinking Water	Analytical M	lethod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:1	17 7439-92-1	
	045 SINK INSIDE VITT CONF	Lab ID: 7	7071875045	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICF	PMS Drinking Water	Analytical M	lethod: EPA 2	00.8						
Lead		1.3	ug/L		1.0	1		11/30/18 22:2	20 7439-92-1	
	046 SINK OUTSIDE A7 RKRM	Lab ID: 7	7071875046	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICF	PMS Drinking Water	Analytical M	lethod: EPA 2	00.8				,		
Lead		<1.0	ug/L		1.0	1		11/30/18 22:2	23 7439-92-1	
Sample: HS-0	047 WF OUTSIDE 111B	Lab ID: 7	071875047	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICF	PMS Drinking Water	Analytical M	lethod: EPA 2	00.8				·	•	
Lead		<1.0	ug/L		1.0	1		11/30/18 22:2	26 7439-92-1	
Sample: HS-0	048 SINK INSIDE 104A	Lab ID: 7	7071875048	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Р	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
	PMS Drinking Water	Analytical M	lethod: EPA 2	8.00						



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample:	HS-049 WF OUTSIDE 100	Lab ID: 7071875049		Collected:	Collected: 11/09/18 00:00		Received:	11/15/18 11:45	Matrix: Drinking Water	
	CLASSRM							-		-
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:33	3 7439-92-1	
Sample:	HS-050 WF CAFE OUTSIDE FC STOR	Lab ID: 70	71875050	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinkin	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:36	7439-92-1	
Sample:	HS-051 WF FILLER CAFE OUT FC	Lab ID: 70	71875051	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinkin	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:39	7439-92-1	
Sample:	HS-052 WF CAFE OUT STUDENT ACT	Lab ID: 70	71875052	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						- 1
Lead		<1.0	ug/L		1.0	1		11/30/18 22:42	2 7439-92-1	
Sample:	HS-053 WF FILLER CAFE OUT SA	Lab ID: 70	71875053	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinkin	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	00.8						
Lead	-	<1.0	ug/L		1.0	1		11/30/18 22:5	1 7439-92-1	
Sample:	HS-054 WF INSIDE 317M LEFT	Lab ID: 70	71875054	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinkin	g Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Me	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		11/30/18 22:54	1 7439-92-1	



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-055 WF INSIDE 317M L FILLER	Lab ID: 707	1875055	Collected: 11/09/1	cted: 11/09/18 00:00		11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8			•	,	
Lead	<1.0	ug/L	1.0	1		11/30/18 22:5	7439-92-1	
Sample: HS-056 RWF INSIDE 317W	Lab ID: 707	1875056	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:0	0 7439-92-1	
Sample: HS-057 SINK INSIDE 324	Lab ID: 707	1875057	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:0	3 7439-92-1	
Sample: HS-058 LWF NSIDE 300M	Lab ID: 707	1875058	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:0	7439-92-1	
Sample: HS-059 LWF FILLER INSIDE 300M	Lab ID: 707	1875059	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Lead	<1.0	ug/L	1.0	1		11/30/18 23:1	0 7439-92-1	
Sample: HS-060 RWF INSIDE 300W	Lab ID: 707	1875060	Collected: 11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
			Damant Lineit	DF	Prepared	Analyzed	CAS No.	Qual
Parameters	Results	Units	Report Limit	DI-				
•	Results Analytical Met		<u> </u>					



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-061 WF OUTSIDE 201	Lab ID: 7	071875061	Collected: 11/0	Collected: 11/09/18 00:00		11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	<1.0	ug/L	1.	0 1		12/01/18 00:	14 7439-92-1	
Sample: HS-062 SINK INSIDE 211A	Lab ID: 7	071875062	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	<1.0	ug/L	1.	0 1		12/01/18 00:	17 7439-92-1	
Sample: HS-063 WF OUTSIDE 212M	Lab ID: 7	071875063	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	<1.0	ug/L	1.	0 1		12/01/18 00:2	20 7439-92-1	
Sample: HS-064 WF FILLER OUTSIDE 212M	Lab ID: 7	071875064	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	<1.0	ug/L	1.	0 1		12/01/18 00:2	23 7439-92-1	
Sample: HS-065 LWF INSIDE 415M	Lab ID: 7	071875065	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	0.8					
Lead	<1.0	ug/L	1.	0 1		12/01/18 00:2	26 7439-92-1	
Sample: HS-066 RWF INSIDE 415W	Lab ID: 7	071875066	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	ethod: EPA 200	D.8					



Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Sample: HS-067 PWF FILLER INSIDE 415W	Lab ID: 7071875067		Collected:	Collected: 11/09/18 00:00		Received: 11/15/18 11:45		Matrix: Drinking Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	1.0 1			32 7439-92-1	9-92-1			
Sample: HS-068 SINK INSIDE 422	Lab ID: 707	1875068	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead	<1.0	ug/L		1.0	1		12/01/18 00:4	11 7439-92-1	
Sample: HS-069 SINK INSIDE 108	Lab ID: 707	1875069	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead	<1.0	ug/L		1.0	1		12/01/18 00:4	14 7439-92-1	



QUALITY CONTROL DATA

PINE RICHLAND-HIGH SCHOOL Project:

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

QC Batch: 92945 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071875001, 7071875002, 7071875003, 7071875004, 7071875005, 7071875006, 7071875007, 7071875008, Associated Lab Samples:

7071875009, 7071875010, 7071875011, 7071875012, 7071875013, 7071875014, 7071875015, 7071875016,

7071875017, 7071875018, 7071875019, 7071875020

METHOD BLANK: 429071 Matrix: Water

 $7071875001, 7071875002, 7071875003, 7071875004, 7071875005, 7071875006, 7071875007, 7071875008, \\7071875009, 7071875010, 7071875011, 7071875012, 7071875013, 7071875014, 7071875015, 7071875016, \\$ Associated Lab Samples:

Blank

Reporting

7071875017, 7071875018, 7071875019, 7071875020

Parameter	Units	Result	Limit	Analyzed	Qualifie	ers	
Lead	ug/L	<1.0	1.	0 11/30/18 18:	33		
LABORATORY CONTROL SAMPLE:	429072						
Parameter	Units	•	LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	49.6	99	85-115		
MATRIX SPIKE SAMPLE:	429074						
Parameter	Units	7071875001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1	1.0 2	2.2	108	70-130	
MATRIX SPIKE SAMPLE:	429076						
Parameter	Units	7071875002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<u> </u>	1.0 2	2.1	104	70-130	
SAMPLE DUPLICATE: 429073							
Parameter	Units	7071875001 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.	0		_	
SAMPLE DUPLICATE: 429075							
Parameter	Units	7071875002 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.	0	_	_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

PINE RICHLAND-HIGH SCHOOL Project:

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

QC Batch: 92946 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7071875021, 7071875022, 7071875023, 7071875024, 7071875025, 7071875026, 7071875027, 7071875028, Associated Lab Samples:

Blank

7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, 7071875035, 7071875036,

7071875037, 7071875038, 7071875039, 7071875040

METHOD BLANK: 429077 Matrix: Water

 $7071875021, 7071875022, 7071875023, 7071875024, 7071875025, 7071875026, 7071875027, 7071875028, \\7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, 7071875035, 7071875036, \\7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, 7071875035, 7071875036, \\7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, \\7071875029, 7071875030, 7071875031, 7071875032, 7071875032, 7071875034, \\7071875029, 7071875030, 7071875031, 7071875032, \\7071875030, 7071875030, 7071875031, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875030, 7071875030, \\7071875000, \\7071875000, \\7071875000, \\7071875000, \\7071875000, \\70718750$ Associated Lab Samples:

Reporting

7071875037, 7071875038, 7071875039, 7071875040

Parameter	Units	Result	Limit	Analyzed	Qualifie	rs	
Lead	ug/L	<1.0	1.	0 11/30/18 20:	05		
LABORATORY CONTROL SAMPLE:	429078						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	47.4	95	85-115		
MATRIX SPIKE SAMPLE:	429080						
Parameter	Units	7071875021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<	1.0 2	2.2	110	70-130	
MATRIX SPIKE SAMPLE:	429082						
Parameter	Units	7071875022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1	1.0 2	3.1	110	70-130	
SAMPLE DUPLICATE: 429079							
Parameter	Units	7071875021 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.	0		_	
SAMPLE DUPLICATE: 429081							
Parameter	Units	7071875022 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.	0	_	_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Parameter

Date: 12/03/2018 12:20 PM

Lead

QC Batch: 92947 Analysis Method: EPA 200.8

Units

ug/L

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071875041, 7071875042, 7071875043, 7071875044, 7071875045, 7071875046, 7071875047, 7071875048,

7071875049, 7071875050, 7071875051, 7071875052, 7071875053, 7071875054, 7071875055, 7071875056,

7071875057, 7071875058, 7071875059, 7071875060

METHOD BLANK: 429083 Matrix: Water

Associated Lab Samples: 7071875041, 7071875042, 7071875043, 7071875044, 7071875045, 7071875046, 7071875047, 7071875048,

7071875049, 7071875050, 7071875051, 7071875052, 7071875053, 7071875054, 7071875055, 7071875056,

7071875057, 7071875058, 7071875059, 7071875060

Blank Reporting Result Limit Qualifiers Parameter Units Analyzed Lead 11/30/18 21:44 ug/L <1.0 LABORATORY CONTROL SAMPLE: 429084 LCS LCS % Rec Spike Parameter Units Conc. Result % Rec Limits Qualifiers Lead ug/L 50 48.0 96 85-115 MATRIX SPIKE SAMPLE: 429086 7071875041 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 8.4 2 10.8 121 70-130 Lead ug/L MATRIX SPIKE SAMPLE: 429088 7071875042 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers Lead ug/L <1.0 2 2.4 114 70-130 SAMPLE DUPLICATE: 429085 7071875041 Dup **RPD** Parameter Units Result Result Qualifiers 8.4 7.7 9 Lead ug/L SAMPLE DUPLICATE: 429087 7071875042 Dup

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

Result

<1.0

Result

<1.0

RPD

Qualifiers



QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

QC Batch: 92987 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071875061, 7071875062, 7071875063, 7071875064, 7071875065, 7071875066, 7071875067, 7071875068,

7071875069

METHOD BLANK: 429226 Matrix: Water

Associated Lab Samples: 7071875061, 7071875062, 7071875063, 7071875064, 7071875065, 7071875066, 7071875067, 7071875068,

7071875069

ъ.	11.2	Blank	Reporting		0 11"		
Parameter	Units	Result	Limit	Analyzed		rs ——	
Lead	ug/L	<1.0	1.0) 11/30/18 23:	16		
LABORATORY CONTROL SAMPLE:	429227						
		•	LCS	LCS	% Rec		
Parameter	Units	Conc. R	esult	% Rec	Limits	Qualifiers	
Lead	ug/L	50	48.2	96	85-115		
MATRIX SPIKE SAMPLE:	429229						
_		7071873001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.	0 2	2.5	110	70-130	
MATRIX SPIKE SAMPLE:	429231						
		7071873002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.	0 2	2.3	110	70-130	
SAMPLE DUPLICATE: 429228							
		7071873001	Dup				
Parameter	Units	Result	Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0)		_	
SAMPLE DUPLICATE: 429230							
		7071873002	Dup				
Parameter	Units	Result	Result	RPD	Qualifiers	_	
Lead	ug/L		<1.0			_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:20 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

071875001 071875002 071875003 071875004 071875005 071875006 071875007 071875008 071875009 071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875016 071875019 071875019 071875020 071875020 071875021 071875021 071875022 071875023 071875024 071875024	HS-001-WF OUTSIDE WEIGHT RM HS-002-WF FILLER WEIGHT RM HS-003 SINK INSIDE 061 HS-004 WF INSIDE 064 HS-005 SNK INSIDE 068A 1ST IN HS-006 SNK INSDE 068A OUT CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-011 SINK INSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945 92945 92945 92945 92945 92945 92945	
071875003 071875004 071875005 071875006 071875007 071875008 071875009 071875010 071875012 071875013 071875014 071875015 071875016 071875017 071875018 071875019 071875020 071875020 071875021 071875023 071875024	HS-003 SINK INSIDE 061 HS-004 WF INSIDE 064 HS-005 SNK INSIDE 068A 1ST IN HS-006 SNK INSDE 068A OUT CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945 92945 92945 92945 92945	
071875004 071875005 071875006 071875007 071875008 071875009 071875010 071875012 071875013 071875014 071875015 071875016 071875017 071875018 071875019 071875020 071875021 071875021 071875022 071875023 071875024	HS-004 WF INSIDE 064 HS-005 SNK INSIDE 068A 1ST IN HS-006 SNK INSDE 068A OUT CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945 92945 92945 92945	
071875005 071875006 071875007 071875008 071875009 071875010 071875012 071875013 071875014 071875015 071875016 071875017 071875019 071875019 071875020 071875021 071875022 071875023 071875023	HS-005 SNK INSIDE 068A 1ST IN HS-006 SNK INSDE 068A OUT CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945 92945 92945	
071875006 071875007 071875008 071875009 071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875016 071875019 071875019 071875020 071875021 071875021 071875022 071875023 071875024	HS-006 SNK INSDE 068A OUT CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945 92945	
071875007 071875008 071875009 071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875017 071875018 071875019 071875020 071875021 071875021 071875022 071875023 071875024	CAFA HS-007 SINK INSDE 068C EXAM RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945	
071875008 071875009 071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875017 071875018 071875019 071875020 071875021 071875021 071875022 071875023 071875024	RM HS-008 INSIDE 067 FRIDGE HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945 92945	
071875009 071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875017 071875019 071875020 071875021 071875022 071875023 071875023	HS-009 SINK INSIDE 067 HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945 92945	
071875010 071875011 071875012 071875013 071875014 071875015 071875016 071875017 071875019 071875020 071875021 071875022 071875023 071875023	HS-010 WF OUTSIDE 069J HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945 92945	
71875011 71875012 71875013 71875014 71875015 71875016 71875017 71875019 71875020 71875021 71875021 71875022 71875023 71875024	HS-011 SINK INSIDE 070B HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945 92945	
71875012 71875013 71875014 71875015 71875016 71875017 71875018 71875019 71875020 71875021 71875022 71875023 71875024	HS-012 LWF OUT ATTENDANCE OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8	92945 92945	
71875013 71875014 71875015 71875016 71875017 71875018 71875019 71875020 71875021 71875022 71875023 71875024	OFIC HS-013 RWF OUT ATTENDANCE OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8 EPA 200.8	92945	
071875014 071875015 071875016 071875017 071875018 071875019 071875020 071875021 071875022 071875023 071875024	OFIC HS-014 WF FILLER OUT ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8 EPA 200.8		
071875015 071875016 071875017 071875018 071875019 071875020 071875021 071875022 071875023 071875024	ATTENDANC HS-015 LWF OUT BACK AUDITORIUM HS-016 WF FILLER OUT BACK AUDI	EPA 200.8	92945	
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071875020 071875021 071875022 071875023 071875024	HS-018 SINK INSIDE 016	EPA 200.8	92945	
71875021 71875022 71875023 71875024	HS-019 WF OUTSIDE 20 CLASSROOM	EPA 200.8	92945	
071875022 071875023 071875024	HS-020 SINK INSIDE 027 HS-021 WF OUTSIDE 033	EPA 200.8	92945 92946	
071875023 071875024		EPA 200.8		
71875024	HS-022 SINK INSIDE 039	EPA 200.8	92946	
	HS-023 SINK INSIDE 035	EPA 200.8	92946	
71875025	HS-024 SINK INSIDE 037	EPA 200.8	92946	
	HS-025 LWF OUT LIBRARY OFFICE	EPA 200.8	92946	
071875026	HS-026 RWF OUT LIBRARY OFFICE	EPA 200.8	92946	
071875027	HS-027 SNK IN LIBRARY OFFICE	EPA 200.8	92946	
071875028	HS-028 L SNK OUT KIT C STORAGE	EPA 200.8	92946	
071875029	HS-029 SNK TO R OUT KIT C STOR	EPA 200.8	92946	
071875030	HS-030 L KETTLE OUT KIT C STOR HS-031 MID KETTLE OUT KIT C	EPA 200.8	92946	
071875031	ST HS-032 R KETTLE OUT KIT C HS-032 R KETTLE OUT KIT C	EPA 200.8	92946	
071875032	STOR HS-033 SNK KITCHEN OUTSIDE	EPA 200.8	92946 92946	
071875033 071875034	FLA HS-034 SNK KIT L OT PIZZA	EPA 200.8 EPA 200.8	92946	
071875035	OVEN	EPA 200.8	92946	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-HIGH SCHOOL

Pace Project No.: 7071875

Date: 12/03/2018 12:20 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
7071875036	HS-036 WF OUTSIDE 119S	EPA 200.8	92946		
7071875037	HS-037 RM 120 SINK KITCHEN 3	EPA 200.8	92946		
7071875038	HS-038 SINK IN RM 120 KIT 4	EPA 200.8	92946		
7071875039	HS-039 SINK IN RM 120 KIT 1	EPA 200.8	92946		
7071875040	HS-040 SINK IN RM 120 KIT 2	EPA 200.8	92946		
071875041	HS-041 WF INSIDE 114	EPA 200.8	92947		
071875042	HS-042 SINK INSIDE 113	EPA 200.8	92947		
7071875043	HS-043 WF INSIDE ADMIN OFFICE	EPA 200.8	92947		
071875044	HS-044 SINK INSIDE STAFF RM	EPA 200.8	92947		
7071875045	HS-045 SINK INSIDE DEWITT CONF	EPA 200.8	92947		
7071875046	HS-046 SINK OUTSIDE A7 WORKRM	EPA 200.8	92947		
7071875047	HS-047 WF OUTSIDE 111B OFFICE	EPA 200.8	92947		
7071875048	HS-048 SINK INSIDE 104A	EPA 200.8	92947		
7071875049	HS-049 WF OUTSIDE 100 CLASSRM	EPA 200.8	92947		
7071875050	HS-050 WF CAFE OUTSIDE FC STOR	EPA 200.8	92947		
071875051	HS-051 WF FILLER CAFE OUT FC	EPA 200.8	92947		
7071875052	HS-052 WF CAFE OUT STUDENT ACT	EPA 200.8	92947		
071875053	HS-053 WF FILLER CAFE OUT SA	EPA 200.8	92947		
071875054	HS-054 WF INSIDE 317M LEFT	EPA 200.8	92947		
7071875055	HS-055 WF INSIDE 317M L FILLER	EPA 200.8	92947		
071875056	HS-056 RWF INSIDE 317W	EPA 200.8	92947		
071875057	HS-057 SINK INSIDE 324	EPA 200.8	92947		
071875058	HS-058 LWF NSIDE 300M	EPA 200.8	92947		
071875059	HS-059 LWF FILLER INSIDE 300M	EPA 200.8	92947		
7071875060	HS-060 RWF INSIDE 300W	EPA 200.8	92947		
7071875061	HS-061 WF OUTSIDE 201	EPA 200.8	92987		
7071875062	HS-062 SINK INSIDE 211A	EPA 200.8	92987		
7071875063	HS-063 WF OUTSIDE 212M	EPA 200.8	92987		
7071875064	HS-064 WF FILLER OUTSIDE 212M	EPA 200.8	92987		
071875065	HS-065 LWF INSIDE 415M	EPA 200.8	92987		
071875066	HS-066 RWF INSIDE 415W	EPA 200.8	92987		
7071875067	HS-067 PWF FILLER INSIDE 415W	EPA 200.8	92987		
071875068	HS-068 SINK INSIDE 422	EPA 200.8	92987		
7071875069	HS-069 SINK INSIDE 108	EPA 200.8	92987		

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CHAIN-OF-CUSTODY / Analytical Request WO#: 7071875

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Pittsburgh PA 15220					Address:				L	NPDES	GROUND WATER	WATER X	DRINKING WATER	WATER
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Pittsburgh PA 15220								Address:	855:						Ž	NPDES	GROUN	GROUND WATER	×	DRINKING WATER	VATER
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Pace Project No./ Lab I.D. (N/A) DRINKING WATER SAMPLE CONDITIONS F-ALL-Q-020rev.07, 15-May-2007 OTHER (N/A) Seeled Coole Cneroqà 0 222 × (N/A) 001 Received on GROUND WATER Residual Chlorine (Y/N) O. ni qmeT REGULATORY AGENCY RCRA PA Requested Analysis Filtered (Y/N) TIME STATE NS/X Site Location 10/9/18 NPDES DATE UST DATE Signed (MM/DD/YY): ACCEPTED BY I APFILIATION read × 4 teeT sisylanA INA Other Important Voter By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to fare charges of 1.5% per month for any evolutes not paid within 30 days. lonsrheM Preservatives COSSEN Deidre Morrison HOBN Same HCI Invoice Information; HNO Соправу Мате POSZH Marager Pace Profile #: Section C Pace Quote Reference: Pace Project Allenijon: Unpreserved TIME Address: # OF CONTAINERS SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: SIGNATURE of SAMPLER: SAMPLE TEMP AT COLLECTION 11/9/18 DATE TIME COMPOSITE Project Name: Pine Richland - High Sc DATE COLLECTED RELINQUISHED BY / AFFILATION Purchase Order No.: 08163144-14 TIME START 11/9/18 Alex Edmonds/ PSI DATE Required Project Information: Same G (G=GRAB C=COMP) SAMPLE TYPE M Project Number (fiel of seboo bilay ees) MATRIX CODE ORIGINAL Section B Report To: A7 Workroom Administration Utice sink its ide Deldit Conternie Copy To: 型が数の2224表は2
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Other Kither Kither Bottice T'then "4"12-922-4000 F412-922-4043 Enail To: mike.kopar@psiusa.com Pittsburgh PA 15220 120 Requested Due Date/TAT: Standard #5-040 sink in 120 ADDITIONAL COMMENTS rm/205,nt Shit sutsile 850 Poplar Street (A-Z, 0-91 -) Sample IDs MUST BE UNIQUE Jink in SAMPLEID スとい Required Clent Information Required Client Information: 4-0-84 15-043 145-045 H5-0410 45.039 HS-03 トクーン十 Company, PSI Section D *ddress: 12 10 w 40 # METI Page 25 of 28

Pace Analytical "

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F-ALL-Q-020rev.07, 15-May-2007

Important Note: By aboung this form you are accepting Pace's PET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 38 days.

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Pace Analytical

Pace Project No./ Lab I.D. (NIN) DRINKING WATER 0 F-ALL-Q-020rev.07, 15-May-2007 SAMPLE CONDITIONS OTHER (NIA) Custody Sealed Cooler 222 × (N/A) 001 Received on GROUND WATER Residual Chlorine (Y/N) J" ni qmeT age. REGULATORY AGENCY RCRA + PA TIME Requested Analysis Filtered (Y/N) 10/9/18 Site Location STATE NPDES DATE UST DATE Signed (MMDD/YY): ACCEPTED BY, AFFILIATION read × 4 tesT sisylanA1 TNIA Other Important Note: By sugning that form you are accepting Peor's HET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days. lonerheM Deidre Morrison _EO_SS_SBN Preservatives HOBM Same НСІ Invoice Information; FONH Company Name OSZH Pace Quote Reference: Pace Project Manager Pace Profile # Section C TIME Unpreserved Attention: Address: # OF CONTAINERS SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: SIGNATURE of SAMPLER: SAMPLE TEMP AT COLLECTION 11/9/18 DATE TIME COMPOSITE DATE COLLECTED RELINQUISHED BY / AFFILIATION Purchase Order No.. 08163144-14 Project Name: Pine Richland -TIME START 11/9/18 Alex Edmonds/ PSI DATE Section B Required Project Information: Same O SAMPLE TYPE (G=GRAB C=COMP) Project Number (net of seboo bilay ees) MATRIX CODE ORIGINAL Report To: Copy To: TAN WORLD WAY Matrix Codes E Drinking Water Water Water Waste Water Powert Solf Solf Oil Wipe Wipe Trissue Other Physic 2-922-4000 F412-922-4043 Email To: mike.kopar@psiusa.com d USK 5 45M 0 20 +: //ex outs: 1/c Pittsburgh PA 15220 0 INS. AC ADDITIONAL COMMENTS 850 Poplar Street (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE notside outs 14-067 RWFFI SAMPLE ID Sint しが十 Required Clent Information SINK Required Client Information: 3 15-065 +3-064 Company: PSI 157)6 Section D 10 = 12 14 63 NO. ITEM # age 27 of 28

-	S:	ample C	onditio	on Upon Re	ecoint
Pace Analytical*	O.	inpic c	orranti	on openin	WO#:7071875
vi	Client	Name:		Proj	
	O	510			
Courier: Fed Ex UPS USPS (Client Comp	porcial D Pr	ace [hthe	ar .	CLIENT: PSIC
Courier: Fed Ex UPS USPS C	No S	S. In	ace Dun	51	
Tracking #: 46/10	15 %	140		· · · · · · · ·	
Custody Seal on Cooler/Box Present:	Yes No	Seals	intact:	Yes No	Temperature Blank Present: Yes No
Packing Material: Bubble Wrap Bubb	ole Bags 🗋 Zir	oloc Mone	□ □ Dther	2	Type of Ice: Wet Blue None
Thermometer Used: TH091	Correct	ion Factor:	\mathcal{O} .	.0_	Samples on ice, cooling process has begun
Cooler Temperature (°C):	Cooler T	emperature	e Correcte	od (°C):	Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C					
USDA Regulated Soil (N/A, water same	ıple)			Date and Initia	als of person examining contents KUS/((
Did samples originate in a quarantine zone within NM, NY, OK, OR, SC, TN, TX, or VA (check map)			, FL, GA, ID,	LA, MS, NC,	Did samples orignate from a foreign source (internationall including Hawaii and Puerto Rico)? Yes No
If Yes to either question	n, fill out a Re	gulated So	il Checklis	st (F-LI-C-010) ar	nd include with SCUR/COC paperwork.
					COMMENTS:
Chain of Custody Present:	Toxes	□No		1.	
Chain of Custody Filled Out:	∂ Ves	□No		2.	
Chain of Custody Relinquished:	Tyes	□No		3.	
Sampler Name & Signature on COC	□Yes	(SOK)0	□N/A	4.	
Samples Arrived within Hold Time:	Ø √es	□No	1	5.	
Short Hold Time Analysis (<72hr):	□Yes	(ANO		6.	
Rush Turn Around Time Requested:	□Yes	_ □No		7.	
Sufficient Volume: (Triple volume provided for MS/	MSDAYes	□No		8.	
Correct Containers Used:	Ø Xes	□No		9.	
-Pace Containers Used:	Ø Yes	□No			
Containers Intact:	(SYes	□No		10.	
Filtered volume received for Dissolved tests	□Yes	□No	DRIA	11. Note if	sediment is visible in the dissolved container.
Sample Labels match COC:	(Nes	□No		12.	
-Includes date/time/ID/Analysis Matrix S	L WT OIL				
All containers needing preservation have been che	aked Yes	□No	□N/A	13. 🗆 HN	O ₃ □ H ₂ SO ₄ □ NaOH □ HCI
pH paper Lot # +1/857 4100	1.1				
All containers needing preservation are found to be	e in			Sample #	
compliance with EPA recommendation?			C 101/4		
(HNO₃, H₂SO₄, HCI, NaOH>9 Sulfide, NAOH>12 Cyanide)	es	□No	□N/A		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gro	ease,			Initial when comp	oleted: Lot # of added preservative; Date/Time preservative adde
DRO/8015 (water). Per Method, VOA pH is checked after analysis				miliai when comp	victed. Lot if or added preservative, plater time preservative adde
Samples checked for dechlorination:	□Yes	□No	BNA	14.	: 91:
KI starch test strips Lot #			7		
Residual chlorine strips Lot #				Positive	for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	□Yes	□No	ONIA	15.	

Field Data Required? Y / N Client Notification/ Resolution: Date/Time: Person Contacted: Comments/ Resolution:

BINA

□No

□No

□Yes

□Yes

Trip Blank Present:

Trip Blank Custody Seals Present

Pace Trip Blank Lot # (if applicable):_

^{*} PM (Project Manager) review is documented electronically in LIMS.



TABLE 7.0 DRINKING WATER SAMPLES Pine-Richland High School Stadium Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HSD-01	Sink	Inside Concession B	First Draw	ND
HSD-02	Dispenser	H/W Inside Concession B	First Draw	ND
HSD-03	Sink	Inside Concession A	First Draw	ND
HSD-04	Dispenser	H/W Inside Concession A	First Draw	ND
HSD-05	WF	Outside Weight Training L	First Draw	ND
HSD-06	WF	Outside Weight Training R	First Draw	ND
HSD-07	Sink	Team Rm	First Draw	ND
HSD-08	WF	Outside Home Locker Rm L	First Draw	ND
HSD-09	WF	Outside Home Locker Rm R	First Draw	ND
HSD-10	Dispenser	Water/ Gatorade Dispenser	First Draw	ND
HSD-11	WF	Outside Visitor Locker Rm L	First Draw	ND
HSD-12	WF	Outside Visitor Locker Rm R	First Draw	ND
HSD-13	WF	Outside Camera Loft L	First Draw	ND
HSD-14	WF	Outside Camera Loft R	First Draw	ND
HSD-15	Sink	Spirit Rm	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb







December 03, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

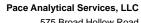
john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI





575 Broad Hollow Road Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND-H.S. STADIUM

Date: 12/03/2018 12:20 PM

Pace Pro	oject No.: 7071876									
Sample:	HSD-001 SINK INSIDE CONCESS B	Lab ID: 707	71876001	Collected:	11/09/1	00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 00:5	66 7439-92-1	
Sample:	HSD-002 H/W DISPENSR CONCESS B	Lab ID: 707	71876002	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:0	05 7439-92-1	
Sample:	HSD-003 SINK INSIDE CONCESS A	Lab ID: 707	71876003	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	8.00						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:2	21 7439-92-1	
Sample:	HSD-004 H/W DISPENSR CONCESS A	Lab ID: 707	71876004	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:2	24 7439-92-1	
Sample:	HSD-005 LWF OUT WGHT TRAINING	Lab ID: 707	71876005	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	00.8				•	·	
Lead		<1.0	ug/L		1.0	1		12/01/18 01:2	27 7439-92-1	
Sample:	HSD-006 RWF OUT WGHT TRAINING	Lab ID: 707	71876006	Collected:	11/09/1	18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	thod: EPA 2	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:3	30 7439-92-1	



Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Date: 12/03/2018 12:20 PM

Sample:	HSD-007 SINK INSIDE TEAM ROOM	Lab ID: 707	1876007	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:3	33 7439-92-1	
Sample:	HSD-008 LWF OUT HOME LCKR RM	Lab ID: 707	1876008	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:0	36 7439-92-1	
Sample:	HSD-009 RWF OUT HOME LCKR RM	Lab ID: 707	1876009	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:3	39 7439-92-1	
	HSD-010 WTR/GATORADE DISPENSER	Lab ID: 707	1876010	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:4	12 7439-92-1	
Sample:	HSD-011 LWF OUT VISIT LCKR RM	Lab ID: 707	1876011	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
	Parameters	Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	nod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/01/18 01:4	15 7439-92-1	
Sample:	HSD-012 RWF OUT VISIT LCKR RM	Lab ID: 707	1876012	Collected:	11/09/1	8 00:00	Received:	11/15/18 11:45	Matrix: Drinking	g Water
		Results	Units	Repo	rt Limit	DF	Prepared	Analyzed	CAS No.	Qual
	Parameters	INGSUILS	Office		it Liiiit					
200.8 ME	Parameters ET ICPMS Drinking Water	Analytical Met			-					



Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Date: 12/03/2018 12:20 PM

Sample: HSD-013 LWF OUT CAMERA LOFT	Lab ID: 707	1876013	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	Water
Parameters	Results	Units	Report Lim	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	hod: EPA 20	00.8					
Lead	<1.0	ug/L	1	.0 1		12/01/18 01:5	57 7439-92-1	
Sample: HSD-014 RWF OUT CAMERA LOFT	Lab ID: 707	1876014	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking	y Water
Parameters	Results	Units	Report Lim	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					
Lead	<1.0	ug/L	1	.0 1		12/01/18 02:0	00 7439-92-1	
Sample: HSD-015 SINK INSIDE SPIRIT RM	Lab ID: 707	1876015	Collected: 11/0	9/18 00:00	Received:	11/15/18 11:45	Matrix: Drinking) Water
Parameters	Results	Units	Report Lim	it DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 20	00.8					-
Lead	<1.0	ug/L	1	.0 1		12/01/18 02:0	03 7439-92-1	



QUALITY CONTROL DATA

Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Date: 12/03/2018 12:20 PM

QC Batch: 93127 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 7071876001, 7071876002, 7071876003, 7071876004, 7071876005, 7071876006, 7071876007, 7071876008,

7071876009, 7071876010, 7071876011, 7071876012, 7071876013, 7071876014, 7071876015

METHOD BLANK: 429963 Matrix: Water

Associated Lab Samples: 7071876001, 7071876002, 7071876003, 7071876004, 7071876005, 7071876006, 7071876007, 7071876008,

7071876009, 7071876010, 7071876011, 7071876012, 7071876013, 7071876014, 7071876015

70710700	303, 707 1070010,	Blank	Repo		10013, 101101	0014, 707 1070	013	
Parameter	Units	Result	Lin		Analyzed	Qualifie	ers	
Lead	ug/L	<1.	0	1.0	12/01/18 00:	50		
LABORATORY CONTROL SAMPLE:	429964							
Parameter	Units	Spike Conc.	LCS Result		LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	47	.3	95	85-115		
MATRIX SPIKE SAMPLE:	429966							
Parameter	Units	707187600 Result	1 Sp Co		MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L		<1.0	2	2.4	103	70-130	
MATRIX SPIKE SAMPLE:	429968							
Parameter	Units	707187600 Result	2 Sp Co		MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L		<1.0	2	2.6	110	70-130	
SAMPLE DUPLICATE: 429965								
Parameter	Units	7071876001 Result	Du Res		RPD	Qualifiers		
Lead	ug/L	<1.	0	<1.0		_		
SAMPLE DUPLICATE: 429967								
Parameter	Units	7071876002 Result	Du Res	•	RPD	Qualifiers		
Lead	ug/L	<1.	0	<1.0		_	_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/03/2018 12:20 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-H.S. STADIUM

Pace Project No.: 7071876

Date: 12/03/2018 12:20 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071876001	HSD-001 SINK INSIDE CONCESS B	EPA 200.8	93127		
7071876002	HSD-002 H/W DISPENSR CONCESS B	EPA 200.8	93127		
7071876003	HSD-003 SINK INSIDE CONCESS A	EPA 200.8	93127		
7071876004	HSD-004 H/W DISPENSR CONCESS A	EPA 200.8	93127		
7071876005	HSD-005 LWF OUT WGHT TRAINING	EPA 200.8	93127		
7071876006	HSD-006 RWF OUT WGHT TRAINING	EPA 200.8	93127		
7071876007	HSD-007 SINK INSIDE TEAM ROOM	EPA 200.8	93127		
7071876008	HSD-008 LWF OUT HOME LCKR RM	EPA 200.8	93127		
7071876009	HSD-009 RWF OUT HOME LCKR RM	EPA 200.8	93127		
7071876010	HSD-010 WTR/GATORADE DISPENSER	EPA 200.8	93127		
7071876011	HSD-011 LWF OUT VISIT LCKR RM	EPA 200.8	93127		
7071876012	HSD-012 RWF OUT VISIT LCKR RM	EPA 200.8	93127		
7071876013	HSD-013 LWF OUT CAMERA LOFT	EPA 200.8	93127		
7071876014	HSD-014 RWF OUT CAMERA LOFT	EPA 200.8	93127		
7071876015	HSD-015 SINK INSIDE SPIRIT RM	EPA 200.8	93127		

Pace Analytical *

CHAIN-OF-CUSTODY / Analytical Request Programent

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WO#:70	The Chair-of-Custody is a LEGAL DOCUMENT All relevant fields must be continuous. Section C Invoice Information: Attention: Additional Same Company Name: Additional Reference:	Section B Required Project Information: Report To: Same Copy To: Purchase Order No.: 08163144-14 Project Name: Pine Richland - H.	Pace Analytical* were patellabe, com Section A Required Clent Information: Company: PSI Address: 850 Poplar Street Pittsburgh PA 15220 Email To: mike.kopar@psiusa.com Phypy:2-922-4000 F\$412-922-4043
STATE	Pace Profile 4:	Project Number:	Requested Due Date/TAT: C+ondord
Site Location.	hyd Starlium Warager	Phylic 2922-4000 F412-922-4043 Project Name: Pine Richland - H. J.	300 FT12-922-4043
☐ RCRA	Paca Quota Reference:	Purchase Order No.: 08163144-14	opar@psiusa.com
	Address:		rgh PA 15220
REGULATORY AUGILA.	Company Name:	Copy Ta:	oplar Street
7071876	Attention: Same	i (1	
	Invoice Information;	Required Project Information:	mation:
	Section C	Section B	
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Matrix Matrix Doisking Wester Waster (Net c	=CBVB C=CO) BOON NATAM (G) BOON NATAMAN (G) BOON NATAMAN	DW G	35		A .		2 440	7	io ha	Rm	17	- Rm	182 V	RELINGUISHED BY / A	Alex Edmonds/ PSI			inal.		
1 = 1	Section D Matrix Codes Required Clert Information MAIRIX L CODE	Drinking Water Water Waste Water Product SolySolid	Whe Whe Outer Other	Shirk huste	hatwater disease	1. Contess	lasen Ser 1	L. Weiht	Ruf out it want	Sinking of Team Roo	* unt outside	Foutside Hone	later/Outerale D	Further Mirt	Foutsile Voitlank	ADDITIONAL COMMENTS				SHO	

F-ALL-Q-020rev.07, 15-May-2007

Important Note: By supring this form you are excepting Pecce's NET 30 day payment farms and agreeing to tals charges of 1.5% per month for any invoices not paid within 30 days.

Pace Arnalytical **

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Report To: S.	Same	All	Attention:	THE RESERVE THE PERSON NAMED AND PARTY OF THE PERSON NAMED AND PAR		_	つつつ	5/ =	
850 Poplar Street Pittsburgh PA 15220 mike.kopar@psiusa.com -922-4000 Ft12-922-4043			Same				C tum tum	2	
		රි	Company Name:		REGULATORY AGENCY	AGENCY			
		D.	Address:		□ NPDES	GROUND WATER	WATER IX	DRINKING WATER	/ATER
m	Purchase Order No.: 08163144-14	Pac	Paca Quota Reference:		r ust ⊓	RCRA	Anne	OTHER	
Standard	Project Name: Pine Richland - High Libral Project Number:	STE SIUM NET	Pace Project Manager Pace Profile #:		Site Location	PA			
		1		Requested	Ahaly	(N/A) P			
8 H			Preservatives	afives Y					
	C COMPOSITE COMPOSITE EMPORING	согтесьном	put	t			(N/A) 8		
		TA 9MET EJ9MA2	HCI HANO ³ Nubleserved # OF CONTAINEF	NaOH O ₂ O ₂ O Methanol Öther Ösher Tesi Ösəd			Residual Chlorin	Pace Project No./ Lab I.D	Lab L
HSD-013 Lut outsile Camers loft DW	M G 11/9/18		×	×					Q
other									D
Inside Soirit									d
			#)
						+	-		
			+						
ADDITIONAL COMMENTS RE	RELINGUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY ! AFELLATION	DATE DATE	TIME	SAI	SAMPLE CONDITIONS	83
Alex E	Alex Edmonds/ PSI	11/9/18	7	Mymall	Maullists	STATE			
			1						
	A SERVICE CONTRACTOR	Supplemental Suppl					++	19	100
OHIGINAL	PRINT Name	T Name of SAMPLER:	Deidre Morrison	rison		A design and the second	o pevi	Kpais	es lut
	SIGNATURE	SIGNATURE OF SAMPLER:		DATE Signed	ned 10/9/18		Восо	UO Seale	dma8



Sample Condition Upon

WO#:7071876

Early Ward Cappeanty	Client	Name:		Pr PM: JDS Due Date: 12/03/18
	P	SIC	1	CLIENT: PSIC
Courier: Fed Ex UPS USPS	Client Comm	ercial P	ace Dth	er
Tracking #: 4670 111	15 55	40		
Custody Seal on Cooler/Box Present:	Yes DNo	Seals	intact:	Yes No Temperature Blank Present: Yes No
Packing Material: Bubble Wrap Bu			()	
Thermometer Used: TH091		ion Factor	-	Samples on ice, cooling process has begun
Cooler Temperature (°C):	Cooler T	emperatur	e Correcte	ed (°C): Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C				MULE
USDA Regulated Soil (📉 🕅 water sa	imple)			Date and Initials of person examining contents:
Did samples originate in a quarantine zone with			, FL, GA, ID	, LA, MS, NC, Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
NM, NY, OK, OR, SC, TN, TX, or VA (check ma			il Checklis	st (F-LI-C-010) and include with SCUR/COC paperwork.
ii res to ettici questi	on, mi out a res	guidiou oo	ii oncomi	COMMENTS:
Chain of Custody Present:	Yes	□No		1.
Chain of Custody Filled Out:	ONYes	□No		2.
Chain of Custody Relinquished:	2 Yes	□No		3.
Sampler Name & Signature on COC:	□Yes	ONO	□N/A	4.
	Yes	□No		5.
Samples Arrived within Hold Time:		020		6.
Short Hold Time Analysis (<72hr):	□Yes	DNO		7.
Rush Turn Around Time Requested:	□Yes	_ ZNO		8.
Sufficient Volume: (Triple volume provided for M		□No		
Correct Containers Used:	Ser'es	□No		9.
-Pace Containers Used:	Yes	□No		
Containers Intact:	es	□No	2	10.
Filtered volume received for Dissolved tests	□Yes	□No	D NA	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	Yes	□No		12.
-Includes date/time/ID/Analysis Matrix All containers needing preservation have been c	SU WT OIL		The second second	
100.001/11	Yes	□No	□N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCI
oH paper Lot # HC85/464	2			
All containers needing preservation are found to compliance with EPA recommendation?	be in			Sample #
HNO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide,	✓Yes	□No	□N/A	
NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and C	Grease			
ORO/8015 (water).	siedse,			Initial when completed: Lot # of added preservative: Date/Time preservative added
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	□Yes	□No	DNA	14.
(I starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	ΕV	Пм-	EMELIA	15.
Headspace in VOA Vials (>6mm):	□Yes	□No	DIN/A	
rip Blank Present:	□Yes	□No	DN/A	16.
rip Blank Custody Seals Present	□Yes	□No	DN/A	
ace Trip Blank Lot # (if applicable):				500000000 of 1000 1000 1000 1000
Client Notification/ Resolution:				Field Data Required? Y / N
Person Contacted:				Date/Time:
Comments/ Resolution:				

^{*} PM (Project Manager) review is documented electronically in LIMS.



TABLE 8.0 DRINKING WATER SAMPLES

Re-Sample Date: December 6 & 7, 2018

Sample No.	Source	Sample Location	Sample Date	Analytical Result (Pb) (ug/L = ppb)
E-52	Kettle	Kitchen Far Left	12-6-18	ND
E-52F	Kettle	Flush	12-6-19	ND
H-19	Sink	Rm 124	12-7-18	ND
H-35	WF	Playground	Taken out of s be replaced	ervice until it can
H-45H	Kettle	Hot side of kettle	12-6-18	ND
H-45HF	Kettle	Flush on Hot side	12-6-18	1.1
PR-23	Sink	Rm 007	12-7-18	ND
PR-30	WF	Rm 104	12-7-18	2.3
PR-100 (PR-5)	Sink	Richland Prep sink by C113	12-6-18	ND
PR-100F (PR-5F)	Sink	Flush	12-6-18	ND
PR-6	Sink	Kitchen Rinse sink	Taken out of s be replaced	ervice until it can
PR-101F (PR-8)	Kettle	Flush	12-6-18	ND
W-4	Kettle	Kitchen Kettle cold	12-6-18	3.3
W-4H	Kettle	Kitchen kettle hot	12-6-18	ND
W-4HF	Kettle	Kitchen kettle hot flush	12-6-18	ND
W-4CF	Kettle	Kitchen kettle cold flush	12-6-18	ND
W-5	Kettle	Kitchen Kettle sprayer	12-7-18	7.9
W-5F	Kettle	Flush	12-7-18	ND
W-33	Sink	Rm B116	12-7-18	4.5
MS-05	Kettle	Kitchen Kettle	12-7-18	3.4
MS-5F	Kettle	Kitchen Kettle	12-7-18	ND
HS-30	Kettle	Kitchen Outside Storage C L	Taken out of s	ervice
HS-31	Kettle	Kitchen Outside Storage C Mid	Taken out of s	ervice
HS-32	Kettle	Kitchen Outside Storage C R	Taken out of s	ervice
HS-41	WF	Rm 114	12-7-18	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L)

Bolded results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb



Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040



December 11, 2018

Mike Kopar Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220

RE: Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Dear Mike Kopar:

Enclosed are the analytical results for sample(s) received by the laboratory on December 07, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John D. Stanton

Joh Shu

john.stanton@pacelabs.com

(631)694-3040 Project Manager

Enclosures

cc: David Christner, Professional Service Industries Deidre Morrison, Professional Service Industries Eric Oldroyd, Intertek-PSI







Melville, NY 11747 (631)694-3040

CERTIFICATIONS

Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Date: 12/11/2018 03:57 PM

Pace Project No.: 7073288								
Sample: ED-52 EDEN KITCHEN KETTLE LEFT	Lab ID: 7	073288001 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3					
Lead	<1.0	ug/L	1.	0 1		12/11/18 09:4	18 7439-92-1	
Sample: ED-52F FLUSH	Lab ID: 7	073288002 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3			•		
Lead	<1.0	ug/L	1.	0 1		12/11/18 10:0	00 7439-92-1	
Sample: H-45H HANCE KIT KETTLE HOT	Lab ID: 7	073288003 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3					
Lead	<1.0	ug/L	1.	0 1		12/11/18 10:0	9 7439-92-1	
Sample: H-45H F FLUSH	Lab ID: 7	073288004 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3					
Lead	1.1	ug/L	1.	0 1		12/11/18 10:1	18 7439-92-1	
Sample: PR 100 RICHLAND PREP SINK	Lab ID: 7	073288005 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3					
Lead	<1.0	ug/L	1.	0 1		12/11/18 10:2	22 7439-92-1	
Sample: PR 100F FLUSH	Lab ID: 7	073288006 C	Collected: 12/0	6/18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M	lethod: EPA 200.8	3					
Lead	<1.0	ug/L	1.	0 1		12/11/18 10:2	25 7439-92-1	



Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Date: 12/11/2018 03:57 PM

Sample:	PR 101F RICHLAND KETTLE FLUSH	Lab ID: 707	3288007	Collected:	12/06/	18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						
Lead		<1.0	ug/L		1.0	1		12/11/18 10:2	8 7439-92-1	
Sample:	WEX-04 WEXFORD KITE KETTLE COL	Lab ID: 707	3288008	Collected:	12/06/	18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead		3.3	ug/L		1.0	1		12/11/18 10:3	1 7439-92-1	
Sample:	WEX-04H WEXFORD KITE KETTLE H	Lab ID: 707	3288009	Collected:	12/06/	18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8				•	•	
Lead		<1.0	ug/L		1.0	1		12/11/18 10:3	4 7439-92-1	
Sample:	WEX-04HF WEXFORD KIT KETTLE HF	Lab ID: 707	3288010	Collected:	12/06/	18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	hod: EPA 20	8.00						
Lead		<1.0	ug/L		1.0	1		12/11/18 10:3	7 7439-92-1	
Sample:	WEX-04CF KIT KETTLE COLD FLUSH	Lab ID: 707	3288011	Collected:	12/06/	18 00:00	Received:	12/07/18 10:00	Matrix: Drinking	Water
	Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ME	ET ICPMS Drinking Water	Analytical Met	hod: EPA 20	00.8						



QUALITY CONTROL DATA

Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Date: 12/11/2018 03:57 PM

QC Batch: 94299 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water

7073288001, 7073288002, 7073288003, 7073288004, 7073288005, 7073288006, 7073288007, 7073288008, Associated Lab Samples:

7073288009, 7073288010, 7073288011

METHOD BLANK: 436048 Matrix: Water

Associated Lab Samples:

7073288009, 7073288010, 7073288011

	000, 1010200010,	Blank	Reporting				
Parameter	Units	Result	Limit	Analyzed	Qualifie	rs	
Lead	ug/L	<1.0	1.0	12/11/18 09:	42		
LABORATORY CONTROL SAMPLE:	436049						
Parameter	Units	•	LCS lesult	LCS % Rec	% Rec Limits	Qualifiers	
Lead	ug/L	50	48.3	97	85-115		
MATRIX SPIKE SAMPLE:	436052						
Parameter	Units	7073288001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.	0 2	3.1	107	70-130	
MATRIX SPIKE SAMPLE:	436054						
Parameter	Units	7073288002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.	0 2	2.5	110	70-130	
SAMPLE DUPLICATE: 436051							
Parameter	Units	7073288001 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0			_	
SAMPLE DUPLICATE: 436053							
Parameter	Units	7073288002 Result	Dup Result	RPD	Qualifiers		
Lead	ug/L	<1.0	<1.0			_	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Date: 12/11/2018 03:57 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND 12/6

Pace Project No.: 7073288

Date: 12/11/2018 03:57 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7073288001	ED-52 EDEN KITCHEN KETTLE LEFT	EPA 200.8	94299		
7073288002	ED-52F FLUSH	EPA 200.8	94299		
7073288003	H-45H HANCE KIT KETTLE HOT	EPA 200.8	94299		
7073288004	H-45H F FLUSH	EPA 200.8	94299		
7073288005	PR 100 RICHLAND PREP SINK	EPA 200.8	94299		
7073288006	PR 100F FLUSH	EPA 200.8	94299		
7073288007	PR 101F RICHLAND KETTLE FLUSH	EPA 200.8	94299		
7073288008	WEX-04 WEXFORD KITE KETTLE COL	EPA 200.8	94299		
7073288009	WEX-04H WEXFORD KITE KETTLE H	EPA 200.8	94299		
7073288010	WEX-04HF WEXFORD KIT KETTLE HF	EPA 200.8	94299		
7073288011	WEX-04CF KIT KETTLE COLD FLUSH	EPA 200.8	94299		

CHAIN-OF-CUSTODY / Analytical Request Doc

Chain-Or-Cost OD 17 Analytical Request Doc The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be c

WO#:7073288

(N/X) Samples (N/A) SAMPLE CONDITIONS Cooler belse2 Custody Regulatory Agency (N/A) State / Location 000 200 000 100 800 010 110 200 8 Received on NA 17.3 Residual Chlorine (Y/N) D in GMET 1030 TIME Requested Analysis Filtered (Y/N) 2/1/18 DATE DATE Signed: null 18 ACCEPTED BY / AFFILIATION laura pirilla@pacelabs.com, 8.00S bead N/A Analyses Test nausc Methanol Na2S203 Preservatives HOEN 7537. Pace Project Manager. HCI Invoice Information: Attention: same КОИН Company Name: Pace Profile #: H2SO4 Pace Quote: Section C TIME Address: Unpreserved SAMPLER NAME AND SIGNATURE # OF CONTAINERS SIGNATURE of SAMPLER: PRINT Name of SAMPLER: SAMPLE TEMP AT COLLECTION DATE 元 TIME SHE DATE COLLECTED RELINQUISHED BY / AFFILIATION Pine-Richlan? Purchase Order #: 08 1 6 3 144 - 1 TIME START NUPIN DATE Required Project Information: Report To: Michael Kopar 1 WTG SAMPLE TYPE WTG WTG WIG (G=GRAB C=COMP) WTG WTG WTG WTG O O TW. FW. M W MATRIX CODE (see valid codes to left) Project Name: the flex Aush Section B Copy To: 6113 CODE DW WY WW WW PP WP AR AR AR AR AR Project # 文 主 3 MATRIX
Dirining Water
Water
Water
Waster Waster
Product
Soil/Soid
Oil
Wipe
Air
Air
Coher
Tissue CANCE KIT KETTE 日から 人士かってまる Pres Sight -アドス末 = Professional Service Industries, Inc. Flush mike kopar@ InterteX.com ADDITIONAL COMMENTS WELR Upload Not Required (A-Z, 0-97, -) Sample Ids must be unique Sich W. One Character per box. = 4 SAMPLE ID wex-of cf といろっては下 14-45 HF H-O-X-W 850 Poplar Street PR 101F WEX- OF H-45 H PR LOUF 30.97F 8 quired Client Information: 724 630 1713 ED. 52 sburgh, PA 15220 uested Due Date: Page 8 of 9 10 o co 0 # METI



Sample Condition Upon Receipt

Pace Analytical			120			WO#:707	3288
	Client Na	me:			Project		
	P	CSI					Date: 12/14/18
Courier: Fed Ex UPS USPS Client Commercial Pace Other				er		CLIENT: PSIC	
Tracking #: 4670 1145	- 42	93				L	
Custody Seal on Cooler/Box Present: Yes	S No	Seals in	ntact:	Yes No	0	Temperature Blank Pre	sent: ∐Yes № No
Packing Material: Bubble Wrap Bubble B	ags Ziploc	□None	Other	0		Type of Ice: Wet Blu	e None
Thermometer Used: 1H09	Correction	Factor:	0.	0		Samples on ice, cooling	process has begun
Cooler Temperature (°C): 17, 3	Cooler Tem	perature	Correcte	d (°C):	17.3	Date/Time 5035A kits p	aced in freezer
Temp should be above freezing to 6.0°C	-				Victoria victoria de la constanta de la consta	_	
USDA Regulated Soil (N/A, water sample)				Date and	d Initials of p	person examining conter	its: 12/7/18 JP
Did samples originate in a quarantine zone within the U.NM. NY. OK. OR. SC. TN. TX. or VA (check map)?	YES	NO				including Hawaii and Puerto	
If Yes to either question, fil	l out a Regul	ated Soil	Checklis	t (F-LI-C-	010) and inc		erwork.
		612/25/27				COMMENTS:	
Chain of Custody Present:	Yes	□No		1.			
Chain of Custody Filled Out:	Z/Yes	□No		2.			
Chain of Custody Relinquished:	7Yes	□No		3.			
Sampler Name & Signature on COC:	DYes	□No	□N/A	4.			
Samples Arrived within Hold Time:	ØŶes	□No		5.			
Short Hold Time Analysis (<72hr):	□Yes	DK10	-	6.	-0		
Rush Turn Around Time Requested:	ØYes .	□No		7. AS	AT		
Sufficient Volume: (Triple volume provided for MS/MSD	9Yes	□No		8.			
Correct Containers Used:	Dires	□No		9.		9	
-Pace Containers Used:	DYes .	□No					
Containers Intact:	DY'es	□No		10.			
Filtered volume received for Dissolved tests	□Yes	□No	DAIA	11.	Note if sedime	ent is visible in the dissolved co	ntainer.
Sample Labels match COC:	⊈Yes	□No		12.			
-Includes date/time/ID/Analysis Matrix SL	A) OIL						
All containers needing preservation have been checked	y es	□No	□N/A	13.	☐ HNO ₃	☐ H₂SO₄ ☐ NaOH	☐ HCI
pH paper Lot # HC65 7446 All containers needing preservation are found to be in	/			Sample #			32
compliance with EPA recommendation?	_/						
(HNO₃, H₂SO₄, HCI, NaOH>9 Sulfide, NAOH>12 Cyanide)	Yes	□No	□N/A				
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease	,			Initial wh	en completed:	I Lot # of added preservative:	Date/Time preservative added
DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial will	en completed.	Lot # of added preservative.	Date/Time preservative addes
Samples checked for dechlorination:	□Yes	□No	MINA	14.			
KI starch test strips Lot #					5 7 6 5	ONI-de-O. V. N.	
Residual chlorine strips Lot #	100	22000		Sec.	Positive for Ke	es. Chlorine? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	□N/A	15.			
Trip Blank Present:	□Yes	□No	JN/A	16,			
Trip Blank Custody Seals Present	□Yes	□No	JNIA				
Pace Trip Blank Lot # (if applicable):			-				
Client Notification/ Resolution:				Field Dat	ta Required?	Y / N	
Person Contacted:					Date/Time:		
Comments/ Resolution:							

^{*} PM (Project Manager) review is documented electronically in LIMS.



850 Poplar Street Pittsburgh, PA 15220 phone: 412.922.4000 fax: 412.922.4043 intertek.com/building psiusa.com

TABLE 1.0 DRINKING WATER SAMPLES Eden Hall Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
E-01	Sink	Rm 204 Break Rm	First Draw	ND
E-02	Sink	Rm230 Guidance Office	First Draw	ND
E-03	Sink	Nurse Main Sink	First Draw	ND
E-04	Sink	Rm 236 Exam	First Draw	ND
E-05	WF	Rm 632	First Draw	ND
E-06	WF	Outside Rm 625 L	First Draw	ND
E-07	WF	Outside Rm 625 R	First Draw	ND
E-08	WF	Rm 608	First Draw	ND
E-09	WF	Outside Rm 614	First Draw	ND
E-10	Sink	Rm 803	First Draw	ND
E-11	WF	Outside Rm 814	First Draw	ND
E-12	Sink	Rm 823	First Draw	ND
E-13	WF	Outside Rm 825 L	First Draw	ND
E-14	WF	Outside Rm 825 R	First Draw	ND
E-15	Sink	Rm 832	First Draw	ND
E-16	Sink	Rm 332	First Draw	ND
E-17	Sink	Rm 333	First Draw	ND
E-18	WF	Outside Rm 325 L	First Draw	ND
E-19	WF	Outside Rm 325 R	First Draw	ND
E-20	Sink	Rm 323	First Draw	ND
E-21	Sink	Rm 302	First Draw	ND
E-22	Sink	Rm 308	First Draw	ND
E-23	WF	Outside Rm 314	First Draw	ND
E-24	Sink	Rm 312	First Draw	ND
E-25	Sink	Rm 313	First Draw	ND
E-26	WF	Rm 402 ACT Center L	First Draw	ND
E-27	Sink	Rm 402 ACT Rear L	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
E-28	Sink	Rm 402 ACT Rear R	First Draw	ND
E-29	Sink	Rm 402 ACT Front R	First Draw	ND
E-30	Sink	Rm 404 Library	First Draw	ND
E-31	Sink	Rm 503	First Draw	ND
E-32	Sink	Rm 505	First Draw	ND
E-33	WF	Outside Rm 514	First Draw	ND
E-34	Sink	Rm 513	First Draw	ND
E-35	Sink	Rm 512	First Draw	ND
E-36	Sink	Rm 522	First Draw	ND
E-37	Sink	Rm 523	First Draw	ND
E-38	WF	Outside Rm 525 L	First Draw	ND
E-39	WF	Outside Rm 525 R	First Draw	ND
E-40	Sink	Rm 532	First Draw	ND
E-41	Sink	Rm 533	First Draw	ND
E-42	Sink	Rm 220	First Draw	ND
E-43	Sink	Rm 242 R	First Draw	ND
E-44	Sink	Rm 242 L	First Draw	ND
E-45	WF	Outside Rm 125 L	First Draw	ND
E-46	WF	Outside Rm 125 R	First Draw	ND
E-47	Sink	Rm 125 Faculty	First Draw	ND
E-48	WF	Outside Cafeteria L	First Draw	ND
E-49	WF	Outside Cafeteria R	First Draw	ND
E-50	WF	Inside Cafeteria L	First Draw	ND
E-51	WF	Inside Cafeteria R	First Draw	ND
E-52	Kettle	Kitchen Far Left	First Draw	5.1
E-53	Kettle	Kitchen Middle	First Draw	ND
E-54	Kettle	Kitchen Right	First Draw	1.2
E-55	Sink	Kit Prep by Toaster	First Draw	ND
E-56	Sink	Kit Prep by Dry Storage	First Draw	2.6
E-57	Sink	Kitchen Prep by Door	First Draw	1.9

Bolded results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 2.0 DRINKING WATER SAMPLES Hance Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb)
				(ug/L = ppb)
H-01	Sink	Office	First Draw	ND
H-02	WF	Office Bathroom	First Draw	ND
H-03	Sink	Main Nurse Office	First Draw	ND
H-04	Sink	Nurse Exam F	First Draw	1.0
H-05	WF	Rm 104 Gym	First Draw	ND
H-06	WF	Rm 113 Music	First Draw	ND
H-07	WF	Rm 108 L	First Draw	1.1
H-08	WF	Rm 108 R	First Draw	ND
H-09	WF	Rm 107	First Draw	ND
H-10	Sink	Rm 106	First Draw	ND
H-11	Sink	Rm 117	First Draw	ND
H-12	Sink	Rm 118	First Draw	ND
H-13	WF	Outside Rm 117	First Draw	ND
H-14	WF	Outside Rm 121	First Draw	ND
H-15	Sink	Rm 121	First Draw	4.5
H-16	Sink	Rm 120	First Draw	ND
H-17	Sink	Rm 119	First Draw	ND
H-18	WF	Garage	First Draw	3.0
H-19	Sink	Rm 124	First Draw	10.1
H-20	WF	Outside Library	First Draw	ND
H-21	Sink	Rm 127	First Draw	ND
H-22	WF	Rm 128	First Draw	ND
H-23	WF	Rm 129	First Draw	ND
H-24	WF	Rm 130	First Draw	ND
H-25	WF	Rm 131	First Draw	ND
H-26	WF	Rm 132	First Draw	ND
H-27	WF	Rm 134	First Draw	ND
H-28	WF	Rm 133	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
H-29	WF	Outside Rm 139	First Draw	ND
H-30	WF	Outside Rm 140	First Draw	ND
H-31	Sink	Rm 139	First Draw	ND
H-32	Sink	Rm 140	First Draw	ND
H-33	WF	Rm 155	First Draw	ND
H-34	WF	Rm 138	First Draw	ND
H-35	WF	Playground	First Draw	5.1
H-36	WF	Rm 136	First Draw	ND
H-37	WF	Rm 137	First Draw	ND
H-38	WF	Faculty Rm 145	First Draw	ND
H-39	Sink	Rm 141	First Draw	ND
H-40	WF	Rm 144	First Draw	ND
H-41	WF	Rm 142	First Draw	ND
H-42	WF	Rm 143	First Draw	ND
H-43	WF	Outside Gym	First Draw	ND
H-44	Sink	Conference Rm 105	First Draw	ND
H-45	Kettle	Braising Skillet Sprayer	First Draw	25.5
H-46	Kettle	Kitchen Kettle (Right)	First Draw	3.2
H-47	Sink	Kitchen Main	First Draw	ND

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 3.0 DRINKING WATER SAMPLES Pine-Richland Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
PR-01	Sink	Rm B 109	First Draw	ND
PR-02	WF	Outside Rm 112	First Draw	ND
PR-03	Filler	Outside Rm 113	First Draw	ND
PR-04	Sink	Kitchen by Freezer	First Draw	ND
PR-05	Sink	Kitchen prep by C113	First Draw	11.3
PR-06	Sink	Kitchen rinse by C113	First Draw	30.1
PR-07	Sink	Kitchen by A113	First Draw	ND
PR-08	Kettle	Kitchen	First Draw	3.6
PR-09	WF	Outside Rm 115	First Draw	1.1
PR-10	WF	Outside Rm 117	First Draw	ND
PR-11	Sink	Rm 119	First Draw	1.5
PR-12	WF	Outside Rm 103 L	First Draw	ND
PR-13	Filler	Outside Rm 103	First Draw	ND
PR-14	WF	Outside Rm 103 R	First Draw	ND
PR-15	WF	Outside Rm 218	First Draw	ND
PR-16	WF	Outside Rm 219	First Draw	ND
PR-17	Filler	Outside Rm 219	First Draw	ND
PR-18	Sink	Rm 218	First Draw	ND
PR-19	WF	Outside Rm J200 L	First Draw	ND
PR-20	Filler	Outside Rm J200	First Draw	ND
PR-21	WF	Outside Rm J200 R	First Draw	ND
PR-22	WF	Outside Rm 007	First Draw	ND
PR-23	Sink	Rm 007	First Draw	6.8
PR-24	WF	Outside Rm 015	First Draw	ND
PR-25	Sink	Basement Lounge	First Draw	1.4
PR-26	WF	Gym Outside Boys Locker Rm	First Draw	ND
PR-27	WF	Gym Outside Girls Locker Rm	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
PR-28	WF	Rm 001	First Draw	ND
PR-29	Sink	Rm 001	First Draw	ND
PR-30	WF	Rm 104	First Draw	5.6
PR-31	WF	Rm 106	First Draw	1.1

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 4.0 DRINKING WATER SAMPLES Wexford Elementary School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
W-01	Sink	Main Office	First Draw	ND
W-02	Sink	Main Nurse Office	First Draw	ND
W-03	Sink	Kitchen Food Prep	First Draw	1.6
W-04	Kettle	Kitchen Kettle	First Draw	12.3
W-05	sprayer	Kitchen braising	First Draw	24.1
W-06	WF	Outside Nurse Office	First Draw	ND
W-07	WF	Outside Music Rm D115	First Draw	ND
W-08	WF	Rm C136	First Draw	ND
W-09	WF	Rm 130	First Draw	ND
W-10	WF	Rm C1229	First Draw	ND
W-11	WF	Rm C135	First Draw	ND
W-12	WF	Rm C128	First Draw	ND
W-13	WF	Locker Area R	First Draw	ND
W-14	WF	Rm C102	First Draw	1.7
W-15	Sink	Rm C101	First Draw	1.6
W-16	WF	Locker Area L	First Draw	ND
W-17	WF	Rm C121	First Draw	ND
W-18	WF	Rm C117	First Draw	ND
W-19	WF	Rm C119	First Draw	ND
W-20	WF	Rm C118	First Draw	ND
W-21	WF	Rm C120	First Draw	ND
W-22	WF	Rm C104	First Draw	1.5
W-23	Sink	Rm C112	First Draw	ND
W-24	WF	Rm C111	First Draw	ND
W-25	WF	Rm C110	First Draw	1.9
W-26	WF	Outside Rm C110	First Draw	ND
W-27	Sink	Teachers Lounge	First Draw	ND
W-28	WF	Rm B121	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
W-29	WF	Rm B120	First Draw	ND
W-30	Sink	Rm B119	First Draw	1.8
W-31	WF	Kindergarten Locker Area L	First Draw	ND
W-32	WF	Kindergarten Locker Area R	First Draw	ND
W-33	Sink	Rm B116	First Draw	11.7
W-34	WF	Rm B117	First Draw	ND
W-35	WF	Rm B118	First Draw	1.6
W-36	WF	Rm A112	First Draw	ND
W-37	WF	Outside Rm B108	First Draw	ND
W-38	WF	Rm B106	First Draw	4.4
W-39	WF	Rm B103	First Draw	2.8
W-40	WF	Rm B104	First Draw	1.8
W-41	WF	Rm B105	First Draw	ND
W-42	Sink	Library	First Draw	2.0
W-43	WF	Outside Library	First Draw	ND
W-44	WF	Outside A110	First Draw	ND

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 5.0 DRINKING WATER SAMPLES Pine-Richland Middle School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
MS-01	Sink	Kitchen Office	First Draw	ND
MS-02	Sink	Nurse Office	First Draw	ND
MS-03	Sink	Office Rm 102	First Draw	ND
MS-04	WF	Outside Cafeteria	First Draw	1.0
MS-05	Kettle	Kitchen Kettle	First Draw	14.4
MS-06	Sink	Kitchen Rear	First Draw	1.7
MS-07	WF	Outsdie of Rm 411	First Draw	ND
MS-08	WF	Outsdie of Rm 207	First Draw	1.0
MS-09	Sink	Womens Faculty Rm	First Draw	1.0
MS-10	WF	Outside Rm 206	First Draw	ND
MS-11	Sink	Guidance Office	First Draw	ND
MS-12	WF	Outside Rm 403	First Draw	ND
MS-13	Sink	Faculty Rm 400	First Draw	ND
MS-14	Sink	Special Needs Rm 300	First Draw	ND
MS-15	Sink	Art Rm 2	First Draw	ND
MS-16	Sink	Art Rm 1	First Draw	ND
MS-17	Sink	Library	First Draw	ND
MS-100	WF	Outside Gym L	First Draw	ND
MS-101	WF	Outside Gym R	First Draw	ND
MS-102	Filler	Outside Gym	First Draw	ND
MS-103	WF	Outside Art 2	First Draw	ND
MS-104	WF	Outside E&E	First Draw	ND
MS-105	Sink	Home-Economics Sink #1	First Draw	ND
MS-106	Sink	Home-Economics Sink #2	First Draw	ND
MS-107	Sink	Home-Economics Sink #3	First Draw	ND
MS-108	Sink	Home-Economics Sink #4	First Draw	ND





PSI Project Number: 08163144-14 Pine-Richland School District Lead in Water Screening December 18, 2018, revised January 11, 2019 Page 17 of 22

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
MS-109	Sink	Home-Economics Sink #5	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 6.0 DRINKING WATER SAMPLES Pine-Richland High School Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-01	WF	Outside Weight Rm	First Draw	ND
HS-02	Filler	Outside Weight Rm	First Draw	ND
HS-03	Sink	Rm 061	First Draw	1.3
HS-04	WF	Rm 064	First Draw	ND
HS-05	Sink	Rm 068A	First Draw	ND
HS-06	Sink	Outside Rm 068A	First Draw	1.4
HS-07	Sink	Exam Rm 068C	First Draw	ND
HS-08	Dispenser	Rm 067 Fridge	First Draw	ND
HS-09	Sink	Rm 067	First Draw	ND
HS-10	WF	Outside Rm 069J	First Draw	ND
HS-11	Sink	Rm 070B	First Draw	ND
HS-12	WF	Outside of Attendance Office L	First Draw	ND
HS-13	WF	Outside of Attendance Office R	First Draw	ND
HS-14	Filler	Outside of Attendance Office	First Draw	ND
HS-15	WF	Outside Rear Auditorium L	First Draw	ND
HS-16	Filler	Outside Rear Auditorium	First Draw	ND
HS-17	WF	Outside Rear Auditorium R	First Draw	ND
HS-18	Sink	Rm 016	First Draw	ND
HS-19	WF	Outside Rm 020	First Draw	ND
HS-20	Sink	Rm 027	First Draw	ND
HS-21	WF	Outside Rm 033	First Draw	ND
HS-22	Sink	Rm 039	First Draw	ND
HS-23	Sink	Rm 035	First Draw	2.2
HS-24	Sink	Rm 037	First Draw	ND
HS-25	WF	Outside Library Office L	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-26	WF	Outside Library Office R	First Draw	ND
HS-27	Sink	Library Office	First Draw	1.4
HS-28	Sink	Kitchen Outside Storage C L	First Draw	ND
HS-29	Sink	Kitchen Outside Storage C R	First Draw	ND
HS-30	Kettle	Kitchen Outside Storage C L	First Draw	114.0
HS-31	Kettle	Kitchen Outside Storage C Mid	First Draw	387.0
HS-32	Kettle	Kitchen Outside Storage C R	First Draw	232.0
HS-33	Sink	Kitchen Outside FLA	First Draw	ND
HS-34	Sink	Kitchen L of Pizza Oven	First Draw	ND
HS-35	Sink	Kitchen R of Pizza Oven	First Draw	ND
HS-36	WF	Outside Rm 119S	First Draw	ND
HS-37	Sink	Rm 120 Kit #3	First Draw	ND
HS-38	Sink	Rm 120 Kit #4	First Draw	ND
HS-39	Sink	Rm 120 Kit #1	First Draw	ND
HS-40	Sink	Rm 120 Kit #2	First Draw	ND
HS-41	WF	Rm 114	First Draw	8.4
HS-42	Sink	Rm 113	First Draw	ND
HS-43	WF	Administration Office	First Draw	ND
HS-44	Sink	Staff Rm	First Draw	ND
HS-45	Sink	Dewitt Conference Rm	First Draw	1.3
HS-46	Sink	Outside A7 Work Rm	First Draw	ND
HS-47	WF	Outside 11B Office	First Draw	ND
HS-48	Sink	Rm 104A	First Draw	ND
HS-49	WF	Outside Rm 100	First Draw	ND
HS-50	WF	Cafeteria Outside FC Storage	First Draw	ND
HS-51	Filler	Cafeteria Outside FC Storage	First Draw	ND





Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HS-52	WF	Cafe Outside Student ACT	First Draw	ND
HS-53	Filler	Cafe Outside Student ACT	First Draw	ND
HS-54	WF	Rm 317M L	First Draw	ND
HS-55	Filler	Rm 317M	First Draw	ND
HS-56	WF	Rm 317M R	First Draw	ND
HS-57	Sink	Rm 324	First Draw	ND
HS-58	WF	Rm 300M L	First Draw	ND
HS-59	Filler	Rm 300M	First Draw	ND
HS-60	WF	Rm 300W	First Draw	ND
HS-61	WF	Outside Rm 201	First Draw	ND
HS-62	Sink	Rm 211A	First Draw	ND
HS-63	WF	Outside Rm 212M	First Draw	ND
HS-64	Filler	Outside Rm 212M	First Draw	ND
HS-65	WF	Rm 415M L	First Draw	ND
HS-66	WF	Rm 415W R	First Draw	ND
HS-67	Filler	Rm 415W R	First Draw	ND
HS-68	Sink	Rm 422	First Draw	ND
HS-69	Sink	Rm 108	First Draw	ND

ND - No Lead Detected (<1.0 ug/L)

Bolded results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 7.0 DRINKING WATER SAMPLES Pine-Richland High School Stadium Sample Date: November 9, 2018

Sample No.	Source	Sample Location	Sample type	Analytical Result (Pb) (ug/L = ppb)
HSD-01	Sink	Inside Concession B	First Draw	ND
HSD-02	Dispenser	H/W Inside Concession B	First Draw	ND
HSD-03	Sink	Inside Concession A	First Draw	ND
HSD-04	Dispenser	H/W Inside Concession A	First Draw	ND
HSD-05	WF	Outside Weight Training L	First Draw	ND
HSD-06	WF	Outside Weight Training R	First Draw	ND
HSD-07	Sink	Team Rm	First Draw	ND
HSD-08	WF	Outside Home Locker Rm L	First Draw	ND
HSD-09	WF	Outside Home Locker Rm R	First Draw	ND
HSD-10	Dispenser	Water/ Gatorade Dispenser	First Draw	ND
HSD-11	WF	Outside Visitor Locker Rm L	First Draw	ND
HSD-12	WF	Outside Visitor Locker Rm R	First Draw	ND
HSD-13	WF	Outside Camera Loft L	First Draw	ND
HSD-14	WF	Outside Camera Loft R	First Draw	ND
HSD-15	Sink	Spirit Rm	First Draw	ND

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L) **Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb





TABLE 8.0 DRINKING WATER SAMPLES

Re-Sample Date: December 6 & 7, 2018

0 1 11	Re-Sample Date: December 6 & 7, 2018				
Sample No.	Source	Sample Location	Sample Date	Analytical Result (Pb) (ug/L = ppb)	
E-52	Kettle	Kitchen Far Left	12-6-18	ND	
E-52F	Kettle	Flush	12-6-19	ND	
H-19	Sink	Rm 124	12-7-18	ND	
H-35	WF	Playground	Taken out of service until it can be replaced		
H-45H	Kettle	Hot side of kettle	12-6-18	ND	
H-45HF	Kettle	Flush on Hot side	12-6-18	1.1	
PR-23	Sink	Rm 007	12-7-18	ND	
PR-30	WF	Rm 104	12-7-18	2.3	
PR-100 (PR-5)	Sink	Richland Prep sink by C113	12-6-18	ND	
PR-100F (PR-5F)	Sink	Flush	12-6-18	ND	
PR-6	Sink	Kitchen Rinse sink	Taken out of service until it can be replaced		
PR-101F (PR-8)	Kettle	Flush	12-6-18	ND	
W-4	Kettle	Kitchen Kettle cold	12-6-18	3.3	
W-4H	Kettle	Kitchen kettle hot	12-6-18	ND	
W-4HF	Kettle	Kitchen kettle hot flush	12-6-18	ND	
W-4CF	Kettle	Kitchen kettle cold flush	12-6-18	ND	
W-5	Kettle	Kitchen Kettle sprayer	12-7-18	7.9	
W-5F	Kettle	Flush	12-7-18	ND	
W-33	Sink	Rm B116	12-7-18	4.5	
MS-05	Kettle	Kitchen Kettle	12-7-18	3.4	
MS-5F	Kettle	Kitchen Kettle	12-7-18	ND	
HS-30	Kettle	Kitchen Outside Storage C L	Taken out of service		
HS-31	Kettle	Kitchen Outside Storage C Mid	Taken out of service		
HS-32	Kettle	Kitchen Outside Storage C R	Taken out of service		
HS-41	WF	Rm 114	12-7-18	ND	

WF - Water Fountain

ND - No Lead Detected (<1.0 ug/L)

Bolded results exceeded the EPA Recommended Action Level of 20 ug/L (Pb), the NY State Action Level of 15 ppb and/or the proposed PA State Level of 5 ppb

