WOMEN FOR A HEALTHY ENVIRONMENT - 1,000 HOURS A YEAR GRANT

PREVENTATIVE TESTING REPORT

In October 2018, Pine-Richland School District (PRSD) applied for and was awarded monies from the 1,000 Hours a Year Grant by the Women For A Healthy Environment. The monies received through the grant included up to $26,000 to cover testing and remediation, if necessary, of lead in water, lead in paint, and radon.

Receiving the 1,000 Hours A Year Grant assisted Pine-Richland in making the decision to further strengthen the district's efforts of preventative testing, by re-testing for lead in water and expanding the scope of preventative testing to include lead in paint and radon. In addition to the areas available through the grant, the district took this window of testing opportunity to conduct indoor air quality sample tests at all six buildings. These tests began in November 2018.

LEAD IN WATER

As one part of this program, PSI Intertek (PSI) technicians collected 290 water samples from the six district buildings and the stadium in November 2018. Samples were collected from all sources that would typically be used for consumption (e.g. fountains, faucets, kitchen sinks, and faucets tied to kitchen equipment such as large-volume, fixed-faucet stockpot equipment). The results of tests and retests are attached to this summary.

It is important to note that the large-volume, fixed-faucet pieces of equipment were not flushed prior to the initial testing conducted in November. The Environmental Protection Agency recommends flushing water sources prior to testing to avoid any stagnant water, which would not represent the water used for drinking during a typical school day.

The Pine-Richland Buildings & Grounds Department received initial results on Tuesday, December 4, 2018, with additional information provided on Wednesday, December 5, 2018. The maintenance department addressed the fixtures and faucets for the small number of lead-in-water samples that were elevated. These sources were re-tested before beginning use. Out of the 290 samples collected district-wide for drinking water, there were five specific sources where the results of testing indicated a concentration of lead greater than 20 parts per billion.

Three of those results were from three large-volume, fixed-faucet stockpot pieces of equipment at the high school that are not used for cooking or drinking water this year. These pieces of equipment were not repaired because they were being removed from service.

The remaining two sources were also connected to the same type of large-volume, fixed-faucet stockpots at Wexford Elementary and Hance Elementary (one at each school). The Sodexo Food Service Manager indicated that these pieces of equipment are used approximately three times per month. They were taken out of service on Wednesday, December 5, 2018. The equipment remained out of service until the faucets were replaced and a third test conducted

with results that meet EPA standards. Re-tests on this equipment were conducted on January 31, 2019. Results received indicated that the equipment tested under the EPA standards of <5 ppb.

LEAD IN PAINT

Another part of this program included testing for lead in paint. PSI Intertek (PSI) technicians collected and tested twenty (20) paint samples in the middle school and elementary schools. The results of those tests are attached to this summary. Testing was not required at the high school or upper elementary school due to the construction date of the building and/or additions. The sampling was not intended to be an exhaustive survey of all paints in the building, but a representation of the type of materials and components painted with lead-containing paint. Of the 20 samples, only one (1) tested above the 0.5% of the EPA regulations. This sample came from a custodial closet to which students do not have access. No mitigation was required.

RADON

In December 2018, the district worked with Radon Detection & Control technicians to complete radon testing throughout the district. The results of those tests and retests are attached to this summary. Radon Detection & Control technicians completed more than 440 tests in December. Results were received in mid-January.

Results at Pine-Richland High School, Pine-Richland Middle School, Richland Elementary and Wexford Elementary indicated that all tests were below the standard level of 4.0 pCi/L. There were slightly elevated levels noted in 12 spaces at Eden Hall Upper Elementary and 32 spaces at Hance Elementary. Of those results, there were five spaces with more elevated levels. In five of the 44 spaces, the original levels tested in a range of 17 - 24 pCi/L (i.e., one at Hance Elementary and four at Eden Hall). Three separate mitigation companies, AIRTECH Radon Services, S.W.A.T. Environmental of PA, and Radon Detection & Control, reviewed the test results and made recommendations for further steps. It was recommended by all three companies to conduct a second set of 48-hour tests to verify the initial results. The retests showed results ranging from 11 - 20.9 pCi/L. Although these results did not indicate immediate risks, the recommendation was made to mitigate the areas through pipe/fan/vent systems at Hance Elementary and Eden Hall Upper Elementary. These systems are both effective and routine in nature. The district chose to pay for the installation expenses of the pipe/fan/vent systems and not receive reimbursement from the grant.

S.W.A.T. Environmental of PA began work to install the pipe/fan/vent systems on February 4, 2019. Footers were drilled and fans were installed. The work was completed on February 9, 2019. There is a recommended waiting period of one week after the fans are installed before taking another short term test. Follow-up testing was conducted on February 18, 2019. These tests, however, were unreadable. A second set of retests were conducted on February 25, 2019. The retest results from the four rooms at Eden Hall Upper Elementary and one room at Hance Elementary indicated ranges from 0.7 - 1.2 pCi/L which are below the standard level of 4.0 pCi/L.

In the remaining 39 spaces initially tested at slightly above the range of 4-10 pCi/L, the EPA guidelines were reviewed to determine next steps in a systematic approach to this area. EPA guidelines for initial results in this range recommend a longer retest period. PRSD will obtain kits from Radon Detection & Control to measure radon over a 90 day period (i.e., March through May). Based on those retest results, next steps will then be determined.

All invoices by third parties testing of lead in paint, lead in water, and radon were sent directly by those companies to Women for a Healthy Environment for payment. The district did not receive any direct invoices for testing the items mentioned above. For that reason, no invoices are attached to this report. As mentioned above, the only expense incurred by the district related to the grant was the installation of the pipe/fan/vent systems. A copy of that invoice is attached to provide proof of completion of all three systems.

As a result of the 1000 Hours A Year grant, the district also conducted additional testing of indoor air quality in all of its district buildings. Although tested recently, the district decided to independently test for indoor air quality. Indoor air quality tests were taken between December 27, 2018 and January 2, 2019 from all district buildings. Samples were collected in five (5) locations each at Hance Elementary, Richland Elementary and Wexford Elementary and ten (10) locations each at Eden Hall Upper Elementary, Pine-Richland Middle School and Pine-Richland High School. Total spore counts for all 45 tests indicated low levels.

The district has much appreciated the opportunity and funding by Women for a Healthy Environment to conduct preventative tests (lead in water, lead in paint, and radon). We have kept our community up-to-date on the process and results in each area. Conducting preventative testing with the help of the 1,000 Hours A Year Grant has resulted in a more safe learning environment for the district's students and staff and confidence for the parents/guardians knowing their children attend schools within a healthy environment.

LEAD IN WATER RESULTS

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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 8-hour 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 HNO_3 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 re-sampling 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 2-minutes 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

Michael Kopar, CIE
Project Manager

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Attachments: Drinking Water Sampling Tables
Laboratory Analysis Report & Chain of Custody Records

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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

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

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
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 Services, LLC
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

Pace Analytical Services, LLC
575 Broad Hollow Road
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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E01-204 BREAK RM **Lab ID: 7071426001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 11:45	7439-92-1	

Sample: E02-230 GUIDANCE **Lab ID: 7071426002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 11:54	7439-92-1	

Sample: E03- NURSE MAIN SINK **Lab ID: 7071426003** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:03	7439-92-1	

Sample: E04-RM 236 EXAM **Lab ID: 7071426004** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:06	7439-92-1	

Sample: E05- RM 632 **Lab ID: 7071426005** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:15	7439-92-1	

Sample: E06-OUTSIDE RM 625 LF **Lab ID: 7071426006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:18	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E07-OUTSIDE RM 625 RF **Lab ID: 7071426007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:21	7439-92-1	

Sample: E08-RN 608 **Lab ID: 7071426008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:24	7439-92-1	

Sample: E09-OUTSIDE RM 614 F **Lab ID: 7071426009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:27	7439-92-1	

Sample: E10-RM 803 **Lab ID: 7071426010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:30	7439-92-1	

Sample: E11-OUTSIDE RM 814 F **Lab ID: 7071426011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:33	7439-92-1	

Sample: E12-RM 823 S **Lab ID: 7071426012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:36	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E13-OUTSIDE RM 825 L F **Lab ID: 7071426013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:39	7439-92-1	

Sample: E14-OUTSIDE RM 825 R F **Lab ID: 7071426014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:42	7439-92-1	

Sample: E15- RM 832 **Lab ID: 7071426015** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:51	7439-92-1	

Sample: E16-RM 332 **Lab ID: 7071426016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:55	7439-92-1	

Sample: E17-RM 333 **Lab ID: 7071426017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 12:58	7439-92-1	

Sample: E18-OUTSIDE RM 325 L F **Lab ID: 7071426018** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:01	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E19-OUTSIDE RM325 R F **Lab ID: 7071426019** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:04	7439-92-1	

Sample: E20-RM 323 **Lab ID: 7071426020** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:07	7439-92-1	

Sample: E21-RM 302 **Lab ID: 7071426021** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:16	7439-92-1	

Sample: E22-RM 308 **Lab ID: 7071426022** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:31	7439-92-1	

Sample: E23-OUTSIDE RM 314 F **Lab ID: 7071426023** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:40	7439-92-1	

Sample: E24-RM 312 **Lab ID: 7071426024** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:43	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E25-RM 313 **Lab ID: 7071426025** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:46	7439-92-1	

Sample: E26-RM 4-2 ACT CNTR FL **Lab ID: 7071426026** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:49	7439-92-1	

Sample: E27-RM 402 REAR L **Lab ID: 7071426027** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:52	7439-92-1	

Sample: E28-RM 402 REAR R **Lab ID: 7071426028** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 13:55	7439-92-1	

Sample: E29-RM 402 FRONT R **Lab ID: 7071426029** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:04	7439-92-1	

Sample: E30-LIBRARY 404 **Lab ID: 7071426030** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:07	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E31-RM 503 **Lab ID: 7071426031** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:10	7439-92-1	

Sample: E32-RM 505 **Lab ID: 7071426032** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:13	7439-92-1	

Sample: E33-OUTSIDE RM 514 F **Lab ID: 7071426033** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:16	7439-92-1	

Sample: E34-RM 513 **Lab ID: 7071426034** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:19	7439-92-1	

Sample: E35-RM 512 **Lab ID: 7071426035** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:22	7439-92-1	

Sample: E36-RM 522 **Lab ID: 7071426036** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:25	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E37-RM 523 **Lab ID: 7071426037** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:28	7439-92-1	

Sample: E38-OUTSIDE RM 525 LF **Lab ID: 7071426038** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:31	7439-92-1	

Sample: E39-OUTSIDE RM 525 R F **Lab ID: 7071426039** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:40	7439-92-1	

Sample: E40-RM 532 **Lab ID: 7071426040** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 14:43	7439-92-1	

Sample: E41-RM 533 **Lab ID: 7071426041** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:01	7439-92-1	

Sample: E42-RM 220 **Lab ID: 7071426042** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:17	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E43-RM 242 R SINK **Lab ID: 7071426043** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:26	7439-92-1	

Sample: E44-RM 242 L SINK **Lab ID: 7071426044** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:29	7439-92-1	

Sample: E45-OUTSIDE RM125 LF **Lab ID: 7071426045** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:32	7439-92-1	

Sample: E46-OUTSIDE RM125 RF **Lab ID: 7071426046** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:35	7439-92-1	

Sample: E47-RM125 FACULTY **Lab ID: 7071426047** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:38	7439-92-1	

Sample: E48-OUTSIDE CAFTERIA LF **Lab ID: 7071426048** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:41	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E49-OUTSIDE CAFT RF **Lab ID: 7071426049** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:44	7439-92-1	

Sample: E50-INSIDE CAFT LF **Lab ID: 7071426050** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:53	7439-92-1	

Sample: E51-INSIDE CAFT RF **Lab ID: 7071426051** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 15:56	7439-92-1	

Sample: E52-KETTLE FAR LEFT **Lab ID: 7071426052** 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 Method: EPA 200.8							
Lead	**5.1**	ug/L	1.0	1		11/29/18 15:59	7439-92-1	

Sample: E53-KETTLE MIDDLE **Lab ID: 7071426053** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 16:02	7439-92-1	

Sample: E54-KETTLE RIGHT **Lab ID: 7071426054** 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 Method: EPA 200.8							
Lead	**1.2**	ug/L	1.0	1		11/29/18 16:05	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Sample: E55-PREP SINK BY TOASTER **Lab ID: 7071426055** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 16:08	7439-92-1	

Sample: E56-PREP SINK BY DRY STORAGE **Lab ID: 7071426056** 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 Method: EPA 200.8							
Lead	**3.6**	ug/L	1.0	1		11/29/18 16:11	7439-92-1	

Sample: E57-PREP SINK BY DOOR **Lab ID: 7071426057** 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 Method: EPA 200.8							
Lead	**1.9**	ug/L	1.0	1		11/29/18 16:15	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

QC Batch: 91985 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071426001, 7071426002, 7071426003, 7071426004, 7071426005, 7071426006, 7071426007, 7071426008, 7071426009, 7071426010, 7071426011, 7071426012, 7071426013, 7071426014, 7071426015, 7071426016, 7071426017, 7071426018, 7071426019, 7071426020

METHOD BLANK: 424219 Matrix: Water
Associated Lab Samples: 7071426001, 7071426002, 7071426003, 7071426004, 7071426005, 7071426006, 7071426007, 7071426008, 7071426009, 7071426010, 7071426011, 7071426012, 7071426013, 7071426014, 7071426015, 7071426016, 7071426017, 7071426018, 7071426019, 7071426020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/29/18 11:39	

LABORATORY CONTROL SAMPLE: 424220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% 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	<1.0	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	<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		

SAMPLE DUPLICATE: 424224

Parameter	Units	7071426002 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

Pace Analytical Services, LLC
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Melville, NY 11747
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QUALITY CONTROL DATA

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

QC Batch: 91986 Analysis Method: EPA 200.8
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: 7071426021, 7071426022, 7071426023, 7071426024, 7071426025, 7071426026, 7071426027, 7071426028, 7071426029, 7071426030, 7071426031, 7071426032, 7071426033, 7071426034, 7071426035, 7071426036, 7071426037, 7071426038, 7071426039, 7071426040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/29/18 13:10	

LABORATORY CONTROL SAMPLE: 424227

Parameter	Units	Spike Conc.	LCS Result	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
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

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

QUALITY CONTROL DATA

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

QC Batch: 91988 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071426041, 7071426042, 7071426043, 7071426044, 7071426045, 7071426046, 7071426047, 7071426048, 7071426049, 7071426050, 7071426051, 7071426052, 7071426053, 7071426054, 7071426055, 7071426056, 7071426057

METHOD BLANK: 424232 Matrix: Water
Associated Lab Samples: 7071426041, 7071426042, 7071426043, 7071426044, 7071426045, 7071426046, 7071426047, 7071426048, 7071426049, 7071426050, 7071426051, 7071426052, 7071426053, 7071426054, 7071426055, 7071426056, 7071426057

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
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	<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

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071426001	**E01-204 BREAK RM**	EPA 200.8	91985		
7071426002	**E02-230 GUIDANCE**	EPA 200.8	91985		
7071426003	**E03- NURSE MAIN SINK**	EPA 200.8	91985		
7071426004	**E04-RM 236 EXAM**	EPA 200.8	91985		
7071426005	**E05- RM 632**	EPA 200.8	91985		
7071426006	**E06-OUTSIDE RM 625 LF**	EPA 200.8	91985		
7071426007	**E07-OUTSIDE RM 625 RF**	EPA 200.8	91985		
7071426008	**E08-RN 608**	EPA 200.8	91985		
7071426009	**E09-OUTSIDE RM 614 F**	EPA 200.8	91985		
7071426010	**E10-RM 803**	EPA 200.8	91985		
7071426011	**E11-OUTSIDE RM 814 F**	EPA 200.8	91985		
7071426012	**E12-RM 823 S**	EPA 200.8	91985		
7071426013	**E13-OUTSIDE RM 825 L F**	EPA 200.8	91985		
7071426014	**E14-OUTSIDE RM 825 R F**	EPA 200.8	91985		
7071426015	**E15- RM 832**	EPA 200.8	91985		
7071426016	**E16-RM 332**	EPA 200.8	91985		
7071426017	**E17-RM 333**	EPA 200.8	91985		
7071426018	**E18-OUTSIDE RM 325 L F**	EPA 200.8	91985		
7071426019	**E19-OUTSIDE RM325 R F**	EPA 200.8	91985		
7071426020	**E20-RM 323**	EPA 200.8	91985		
7071426021	**E21-RM 302**	EPA 200.8	91986		
7071426022	**E22-RM 308**	EPA 200.8	91986		
7071426023	**E23-OUTSIDE RM 314 F**	EPA 200.8	91986		
7071426024	**E24-RM 312**	EPA 200.8	91986		
7071426025	**E25-RM 313**	EPA 200.8	91986		
7071426026	**E26-RM 4-2 ACT CNTR FL**	EPA 200.8	91986		
7071426027	**E27-RM 402 REAR L**	EPA 200.8	91986		
7071426028	**E28-RM 402 REAR R**	EPA 200.8	91986		
7071426029	**E29-RM 402 FRONT R**	EPA 200.8	91986		
7071426030	**E30-LIBRARY 404**	EPA 200.8	91986		
7071426031	**E31-RM 503**	EPA 200.8	91986		
7071426032	**E32-RM 505**	EPA 200.8	91986		
7071426033	**E33-OUTSIDE RM 514 F**	EPA 200.8	91986		
7071426034	**E34-RM 513**	EPA 200.8	91986		
7071426035	**E35-RM 512**	EPA 200.8	91986		
7071426036	**E36-RM 522**	EPA 200.8	91986		
7071426037	**E37-RM 523**	EPA 200.8	91986		
7071426038	**E38-OUTSIDE RM 525 LF**	EPA 200.8	91986		
7071426039	**E39-OUTSIDE RM 525 R F**	EPA 200.8	91986		
7071426040	**E40-RM 532**	EPA 200.8	91986		
7071426041	**E41-RM 533**	EPA 200.8	91988		
7071426042	**E42-RM 220**	EPA 200.8	91988		
7071426043	**E43-RM 242 R SINK**	EPA 200.8	91988		
7071426044	**E44-RM 242 L SINK**	EPA 200.8	91988		
7071426045	**E45-OUTSIDE RM125 LF**	EPA 200.8	91988		
7071426046	**E46-OUTSIDE RM125 RF**	EPA 200.8	91988		
7071426047	**E47-RM125 FACULTY**	EPA 200.8	91988		
7071426048	**E48-OUTSIDE CAFTERIA LF**	EPA 200.8	91988		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- EDEN HALL
Pace Project No.: 7071426

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

7071426

CHAIN-OF-CUSTODY / Analytical Request Document

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Required Project Information:

Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Eden Hall	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number	Pace Profile #:

Section C
Invoice Information:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	E01 - 204 Break Rm	DW	G	11/9/18								X							X		001
2	E02 - 230 Guidance																				002
3	E03 - Nurse Main Sink																				003
4	E04 - Rm 236 exam																				004
5	E05 - Rm 632																				005
6	E06 - Outside Rm 625 LF																				006
7	E07 - Outside Rm 625 RF																				007
8	E08 - Rm 608																				008
9	E09 - Outside Rm 614 F																				009
10	E10 - Rm 803																				010
11	E11 - Outside Rm 814 F																				011
12	E12 - Rm 823 S																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature]	11/15/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Eden Hall	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	E13-Outside Rm 825 L F	DW	G	11/9/18								X							X		013
2	E14-Outside Rm825 R F																				014
3	E15-Rm 832																				015
4	E16-Rm 332																				016
5	E17-Rm 333																				017
6	E18-Outside Rm 325 L F																				018
7	E19-Outside Rm 325 R F																				019
8	E20-Rm 323																				020
9	E21-Rm 302																				021
10	E22-Rm 308																				022
11	E23-Outside Rm 314 F																				023
12	E24-Rm 312																				024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Hoopes	11/15/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Eden	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	E25 - RM 313	DW	G	11/9/18								X							X		025
2	E26 - RM 402 Act Cntr FL																				026
3	E27 - RM 402 Rear L																				027
4	E28 - RM 402 Rear R																				028
5	E29 - RM 402 Front R																				029
6	E30 - Library 404																				030
7	E31 - RM 503																				031
8	E32 - RM 505																				032
9	E33 - Outside Rm 514 F																				033
10	E34 - RM 513																				034
11	E35 - RM 512																				035
12	E36 - Rm 522																				036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Keenan	11/15/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of 2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Eden	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	E37- Rm 523	DW	G	11/9/18								X							X		037
2	E38- Outside Rm 525 LF																				038
3	E39- Outside Rm 525 RF																				039
4	E40- Rm 532																				040
5	E41- Rm 533																				041
6	E42- Rm 220																				042
7	E43- Rm 242 R sink																				043
8	E44- Rm 242 L sink																				044
9	E45- Outside Rm 125 LF																				045
10	E46- Outside Rm 125 RF																				046
11	E47- Rm 125 Faculty																				047
12	E48- Outside Cafeteria LF																				048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Keenan	11/15/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

WO#: 7071426

PM: JDS Due Date: 12/03/18

CLIENT: PSIC

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of 2227079

Section A Required Client Information:

Company: PSI	
Address: 850 Poplar Street	
Pittsburgh PA 15220	
Email To: mike.kopar@psiusa.com	
Phone: 412-922-4000 Fax: 412-922-4043	
Requested Due Date/TAT: Standard	

Required Project Information:

Report To: Same	
Copy To:	
Purchase Order No.: 08163144-14	
Project Name: Pine Richland - Eden	
Project Number:	

Section C Invoice Information:

Attention: Same	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	E49-Outside Left RF	DW	G	11/9/18								X							X		049
2	E50-Inside Left LF																				050
3	E51-Inside Left RF																				051
4	E52-Kettle Far Left																				052
5	E53-Kettle Middle																				053
6	E54-Kettle Right																				054
7	E55-Prepsink by Toaster																				055
8	E56-Prepsink by dry storage																				056
9	E57-Prepsink by Door																				057
10																					~~058~~
11																					~~059~~
12																					060

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Keenan	11/5/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

Pace Analytical

Sample Condition Upon Receipt

WO#:7071426
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC

Project

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): Cooler Temperature Corrected (°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: MK 11/19/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐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	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☑No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
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.

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

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
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

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

ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H1-OFFICE SINK **Lab ID: 7071428001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 22:52	7439-92-1	

Sample: H2-BATH F IN OFFICE **Lab ID: 7071428002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:01	7439-92-1	

Sample: H3-NURSE MAIN F **Lab ID: 7071428003** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:16	7439-92-1	

Sample: H4-NURSE 102 B EXAM F **Lab ID: 7071428004** 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 Method: EPA 200.8							
Lead	**1.0**	ug/L	1.0	1		11/29/18 23:19	7439-92-1	

Sample: H5-RM 104 GYM F **Lab ID: 7071428005** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:22	7439-92-1	

Sample: H6-RM 113 MUSIC F **Lab ID: 7071428006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:25	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H7-RM 108 F **Lab ID: 7071428007** 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 Method: EPA 200.8							
Lead	**1.1**	ug/L	1.0	1		11/29/18 23:29	7439-92-1	

Sample: H8-RM 108 F **Lab ID: 7071428008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:31	7439-92-1	

Sample: H9-RM 107 F **Lab ID: 7071428009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:35	7439-92-1	

Sample: H10-RM 106 SINK **Lab ID: 7071428010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:38	7439-92-1	

Sample: H11- RM 117 **Lab ID: 7071428011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:41	7439-92-1	

Sample: H12-RM 118 **Lab ID: 7071428012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:50	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H13-OUTSIDE RM 117 F **Lab ID: 7071428013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:53	7439-92-1	

Sample: H14-OUTSIDE RM 121 F **Lab ID: 7071428014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 23:56	7439-92-1	

Sample: H15-RM 121 **Lab ID: 7071428015** 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 Method: EPA 200.8							
Lead	**4.5**	ug/L	1.0	1		11/29/18 23:59	7439-92-1	

Sample: H16-RM 120 **Lab ID: 7071428016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:02	7439-92-1	

Sample: H17-RM 119 **Lab ID: 7071428017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:05	7439-92-1	

Sample: H18-GARAGE F **Lab ID: 7071428018** 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 Method: EPA 200.8							
Lead	**3.0**	ug/L	1.0	1		11/30/18 00:08	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H19-RM 124 **Lab ID: 7071428019** 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 Method: EPA 200.8							
Lead	**10.1**	ug/L	1.0	1		11/30/18 00:11	7439-92-1	

Sample: H20-OUTSIDE LIBRARY F **Lab ID: 7071428020** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:14	7439-92-1	

Sample: H21-RM 127 SINK **Lab ID: 7071428021** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:29	7439-92-1	

Sample: H22-RM 128 **Lab ID: 7071428022** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:38	7439-92-1	

Sample: H23-RM 129 **Lab ID: 7071428023** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:47	7439-92-1	

Sample: H24-RM 130 **Lab ID: 7071428024** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:50	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H25-RM 131 **Lab ID: 7071428025** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 00:53	7439-92-1	

Sample: H26-RM 132 **Lab ID: 7071428026** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:02	7439-92-1	

Sample: H27-RM 134 **Lab ID: 7071428027** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:05	7439-92-1	

Sample: H28-RM 133 **Lab ID: 7071428028** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:08	7439-92-1	

Sample: H29-OUTSIDE RM 139 F **Lab ID: 7071428029** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:11	7439-92-1	

Sample: H30-OUTSIDE RM 140 **Lab ID: 7071428030** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:14	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H31-RM 139 **Lab ID: 7071428031** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:17	7439-92-1	

Sample: H32-RM 140 **Lab ID: 7071428032** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:20	7439-92-1	

Sample: H33- RM 135 **Lab ID: 7071428033** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:23	7439-92-1	

Sample: H34-RM 138 **Lab ID: 7071428034** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:26	7439-92-1	

Sample: H35-PLAYGROUND F **Lab ID: 7071428035** 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 Method: EPA 200.8							
Lead	**5.1**	ug/L	1.0	1		11/30/18 01:29	7439-92-1	

Sample: H36-RM 136 **Lab ID: 7071428036** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:38	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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Melville, NY 11747
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ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H37-RM 137 **Lab ID: 7071428037** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:42	7439-92-1	

Sample: H38-RM 145 FACULTY **Lab ID: 7071428038** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:44	7439-92-1	

Sample: H39-RM 141 **Lab ID: 7071428039** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:48	7439-92-1	

Sample: H40-RM 144 **Lab ID: 7071428040** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 01:50	7439-92-1	

Sample: H41-RM 142 **Lab ID: 7071428041** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 22:22	7439-92-1	

Sample: H42-RM 143 **Lab ID: 7071428042** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 22:25	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Sample: H43-OUTSIDE GYM F **Lab ID: 7071428043** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 22:28	7439-92-1	

Sample: H44- RM 105 CONF **Lab ID: 7071428044** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/29/18 22:37	7439-92-1	

Sample: H45-KITCHEN L KETTLE **Lab ID: 7071428045** 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 Method: EPA 200.8							
Lead	**25.5**	ug/L	1.0	1		11/29/18 22:40	7439-92-1	

Sample: H46- KITCHEN R KETTLE **Lab ID: 7071428046** 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 Method: EPA 200.8							
Lead	**3.2**	ug/L	1.0	1		11/29/18 22:43	7439-92-1	

Sample: H47-KITCHEN MAIN SINK **Lab ID: 7071428047** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:30	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND- HANCE
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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/29/18 21:08	

LABORATORY CONTROL SAMPLE: 428809

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.6	97	85-115	

MATRIX SPIKE SAMPLE: 428811

Parameter	Units	7071892062 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.3	2	3.7	117	70-130	

MATRIX SPIKE SAMPLE: 428813

Parameter	Units	7071892063 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.0	2	4.6	131	70-130	M1

SAMPLE DUPLICATE: 428810

Parameter	Units	7071892062 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.3	1.4	0	

SAMPLE DUPLICATE: 428812

Parameter	Units	7071892063 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	2.0	2.0	1	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

QC Batch: 92911 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071428001, 7071428002, 7071428003, 7071428004, 7071428005, 7071428006, 7071428007, 7071428008, 7071428009, 7071428010, 7071428011, 7071428012, 7071428013, 7071428014, 7071428015, 7071428016, 7071428017, 7071428018, 7071428019, 7071428020

METHOD BLANK: 428925 Matrix: Water
Associated Lab Samples: 7071428001, 7071428002, 7071428003, 7071428004, 7071428005, 7071428006, 7071428007, 7071428008, 7071428009, 7071428010, 7071428011, 7071428012, 7071428013, 7071428014, 7071428015, 7071428016, 7071428017, 7071428018, 7071428019, 7071428020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/29/18 22:46	

LABORATORY CONTROL SAMPLE: 428926

Parameter	Units	Spike Conc.	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	<1.0	2	2.6	121	70-130	

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	<1.0		

SAMPLE DUPLICATE: 428929

Parameter	Units	7071428002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

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, 7071428029, 7071428030, 7071428031, 7071428032, 7071428033, 7071428034, 7071428035, 7071428036, 7071428037, 7071428038, 7071428039, 7071428040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 00:17	

LABORATORY CONTROL SAMPLE: 428932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.3	99	85-115	

MATRIX SPIKE SAMPLE: 428934

Parameter	Units	7071428021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.8	115	70-130	

MATRIX SPIKE SAMPLE: 428936

Parameter	Units	7071428022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.4	119	70-130	

SAMPLE DUPLICATE: 428933

Parameter	Units	7071428021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 428935

Parameter	Units	7071428022 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 09:46	

LABORATORY CONTROL SAMPLE: 428944

Parameter	Units	Spike Conc.	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		

SAMPLE DUPLICATE: 428947

Parameter	Units	7071869022 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.5	1.4	8	

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REPORT OF LABORATORY ANALYSIS

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

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND- HANCE
Pace Project No.: 7071428

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071428001	H1-OFFICE SINK	EPA 200.8	92911		
7071428002	H2-BATH F IN OFFICE	EPA 200.8	92911		
7071428003	H3-NURSE MAIN F	EPA 200.8	92911		
7071428004	H4-NURSE 102 B EXAM F	EPA 200.8	92911		
7071428005	H5-RM 104 GYM F	EPA 200.8	92911		
7071428006	H6-RM 113 MUSIC F	EPA 200.8	92911		
7071428007	H7-RM 108 F	EPA 200.8	92911		
7071428008	H8-RM 108 F	EPA 200.8	92911		
7071428009	H9-RM 107 F	EPA 200.8	92911		
7071428010	H10-RM 106 SINK	EPA 200.8	92911		
7071428011	H11- RM 117	EPA 200.8	92911		
7071428012	H12-RM 118	EPA 200.8	92911		
7071428013	H13-OUTSIDE RM 117 F	EPA 200.8	92911		
7071428014	H14-OUTSIDE RM 121 F	EPA 200.8	92911		
7071428015	H15-RM 121	EPA 200.8	92911		
7071428016	H16-RM 120	EPA 200.8	92911		
7071428017	H17-RM 119	EPA 200.8	92911		
7071428018	H18-GARAGE F	EPA 200.8	92911		
7071428019	H19-RM 124	EPA 200.8	92911		
7071428020	H20-OUTSIDE LIBRARY F	EPA 200.8	92911		
7071428021	H21-RM 127 SINK	EPA 200.8	92912		
7071428022	H22-RM 128	EPA 200.8	92912		
7071428023	H23-RM 129	EPA 200.8	92912		
7071428024	H24-RM 130	EPA 200.8	92912		
7071428025	H25-RM 131	EPA 200.8	92912		
7071428026	H26-RM 132	EPA 200.8	92912		
7071428027	H27-RM 134	EPA 200.8	92912		
7071428028	H28-RM 133	EPA 200.8	92912		
7071428029	H29-OUTSIDE RM 139 F	EPA 200.8	92912		
7071428030	H30-OUTSIDE RM 140	EPA 200.8	92912		
7071428031	H31-RM 139	EPA 200.8	92912		
7071428032	H32-RM 140	EPA 200.8	92912		
7071428033	H33- RM 135	EPA 200.8	92912		
7071428034	H34-RM 138	EPA 200.8	92912		
7071428035	H35-PLAYGROUND F	EPA 200.8	92912		
7071428036	H36-RM 136	EPA 200.8	92912		
7071428037	H37-RM 137	EPA 200.8	92912		
7071428038	H38-RM 145 FACULTY	EPA 200.8	92912		
7071428039	H39-RM 141	EPA 200.8	92912		
7071428040	H40-RM 144	EPA 200.8	92912		
7071428041	H41-RM 142	EPA 200.8	92855		
7071428042	H42-RM 143	EPA 200.8	92855		
7071428043	H43-OUTSIDE GYM F	EPA 200.8	92855		
7071428044	H44- RM 105 CONF	EPA 200.8	92855		
7071428045	H45-KITCHEN L KETTLE	EPA 200.8	92855		
7071428046	H46- KITCHEN R KETTLE	EPA 200.8	92855		
7071428047	H47-KITCHEN MAIN SINK	EPA 200.8	92915		

WO#:7071428

7071428

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

2227079

Required Project Information:

Company: PSI	Report To: Same
Address: 850 Poplar Street	Copy To:
Pittsburgh PA 15220	
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Hance
Requested Due Date/TAT: Standard	Project Number:

Section C Invoice Information:

Attention: Same	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☒ DRINKING WATER

UST ☐ RCRA ☐ OTHER ☐

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	H1- Office Sink	DW	G	11/9/18								X							X		001
2	H2- Bath F in office																				002
3	H3- Nurse Main F																				003
4	H4- Nurse 102B Exam F																				004
5	H5- Rm 104 Gym F																				005
6	H6- Rm 113 Music F																				006
7	H7- Rm 110 F																				007
8	H8- Rm 108 F																				008
9	H9- Rm 107 F																				009
10	H10- Rm 106 Sink																				010
11																					011
12																					012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		Gillian Keenan	11/5/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of

2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Hance	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	H11 - Rm 117	DW	G	11/9/18								X							X		~~017~~ 011
2	H12 - Rm 118																				~~014~~ 012
3	H13 - Outside Rm 117 F																				~~015~~ 013
4	H14 - Outside Rm 121 F																				~~016~~ 014
5	H15 - Rm 121																				~~017~~ 015
6	H16 - Rm 120																				~~018~~ 016
7	H17 - Rm 119																				~~019~~ 017
8	H18 - Garage F																				~~020~~ 018
9	H19 - Rm 124																				~~021~~ 019
10	H20 - Outside Library F																				~~022~~ 020
11	H21 - Rm 127 S. Wk																				~~023~~ 021
12	H22 - Rm 128																				~~024~~ 022

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Greeson	11/13/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical
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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.

Page: of 2227079

Section A Required Client Information:

Company: PSI
Address: 850 Poplar Street
Pittsburgh PA 15220
Email To: mike.kopar@psiusa.com
Phone: 412-922-4000 Fax: 412-922-4043
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Same
Copy To:
Purchase Order No.: 08163144-14
Project Name: Pine Richland - Hance
Project Number:

Section C Invoice Information:

Attention: Same
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	H23 - Rm 129	DW	G	11/9/18								X							X		~~025~~ 023
2	H24 - Rm 130																				~~026~~ 024
3	H25 - Rm 131																				~~027~~ 025
4	H26 - Rm 132																				~~028~~ 026
5	H27 - Rm 134																				~~029~~ 027
6	H28 - Rm 133																				~~030~~ 028
7	H29 - Outside Rm 139F																				~~031~~ 029
8	H30 - Outside Rm 140																				~~032~~ 030
9	H31 - Rm 139																				~~033~~ 031
10	H32 - Rm 140																				~~034~~ 032
11	H33 - Rm 135																				~~035~~ 033
12	H34 - Rm 138																				~~036~~ 034

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Keenan	11/5/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Deidre Morrison
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	PSI
Address:	850 Poplar Street
	Pittsburgh PA 15220
Email To:	mike.kopar@psiusa.com
Phone:	412-922-4000 Fax: 412-922-4043
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Same
Copy To:	
Purchase Order No.:	08163144-14
Project Name:	Pine Richland - Hance
Project Number:	

Section C Invoice Information:

Attention:	Same
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

Page: of

2227079

REGULATORY AGENCY

- [ ] NPDES
- [ ] GROUND WATER
- [X] DRINKING WATER
- [ ] UST
- [ ] RCRA
- [ ] OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	H35-Playground F *	DW	G	11/9/18								X							X		035
2	H36- Rm 136																				036
3	H37- RM 137																				037
4	H38- Rm 145 Faculty																				038
5	H39- Rm 141																				039
6	H40- Rm 144																				040
7	H41- Rm 142																				041
8	H42- Rm 143																				042
9	H43- Outside Gym F																				043
10	H44- Rm 105 Conf																				044
11	H45- Kitchen L Kettle																				045
12	H46- Kitchen R Kettle																				046

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Vaeren	11/13/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

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.

Page: of 2227079

Section A Required Client Information:

Company: PSI

Address: 850 Poplar Street

Pittsburgh PA 15220

Email To: mike.kopar@psiusa.com

Phone: 412-922-4000 Fax: 412-922-4043

Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Same

Copy To:

Purchase Order No.: 08163144-14

Project Name: Pine Richland - Hance

Project Number:

Section C Invoice Information:

Attention: Same

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	H47-Kitchen Main Sink	DW	G	11/9/18								X							X		047
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		William Koenig	11/15/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Sample Condition Upon Receipt

Pace Analytical® Long Island Laboratory

WO#: 7071428
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC Pr

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No Temperature Blank Present: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): Cooler Temperature Corrected (°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: CWA 11/19/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐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	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☑No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
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.

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

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

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
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 Services, LLC
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

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-001-RM B 109 **Lab ID: 7071871001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:22	7439-92-1	

Sample: PR-002-WF OUTSIDE RM 112 **Lab ID: 7071871002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:40	7439-92-1	

Sample: PR-003-WF FILLER OUTSDE RM 112 **Lab ID: 7071871003** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:49	7439-92-1	

Sample: PR-004-KIT. BY FREEZER **Lab ID: 7071871004** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:52	7439-92-1	

Sample: PR-005-KIT. SINK 1 BY C113 **Lab ID: 7071871005** 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 Method: EPA 200.8							
Lead	**11.3**	ug/L	1.0	1		11/30/18 15:55	7439-92-1	

Sample: PR-006-KIT. SINK 2 BY C113 **Lab ID: 7071871006** 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 Method: EPA 200.8							
Lead	**30.1**	ug/L	1.0	1		11/30/18 15:58	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-007-KIT. SINK BY A113 **Lab ID: 7071871007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:07	7439-92-1	

Sample: PR-008-KIT. KETTLE **Lab ID: 7071871008** 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 Method: EPA 200.8							
Lead	**3.6**	ug/L	1.0	1		11/30/18 16:10	7439-92-1	

Sample: PR-009-WF OUTSIDE 115 **Lab ID: 7071871009** 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 Method: EPA 200.8							
Lead	**1.1**	ug/L	1.0	1		11/30/18 16:13	7439-92-1	

Sample: PR-010-WF OUTSIDE 117 **Lab ID: 7071871010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:16	7439-92-1	

Sample: PR-011-SINK RM 119 **Lab ID: 7071871011** 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 Method: EPA 200.8							
Lead	**1.5**	ug/L	1.0	1		11/30/18 16:19	7439-92-1	

Sample: PR-012-WF OUTSIDE 103 **Lab ID: 7071871012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:22	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-013-WF FILLER OUSIDE 103 **Lab ID: 7071871013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:25	7439-92-1	

Sample: PR-014-R WF OUTSIDE 103 **Lab ID: 7071871014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:28	7439-92-1	

Sample: PR-015-WF OUTSIDE 218 **Lab ID: 7071871015** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:31	7439-92-1	

Sample: PR-016-WF OUTSIDE 219 **Lab ID: 7071871016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:34	7439-92-1	

Sample: PR-017-WF FILLER OUTSIDE 219 **Lab ID: 7071871017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:43	7439-92-1	

Sample: PR-018-SINK INSIDE 218 **Lab ID: 7071871018** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:46	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-019-LWF OUTSIDE J200 **Lab ID: 7071871019** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:49	7439-92-1	

Sample: PR-020-WF FILLER OUTSIDE J200 **Lab ID: 7071871020** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 16:52	7439-92-1	

Sample: PR-021-RWF OUTSIDE J200 **Lab ID: 7071871021** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:02	7439-92-1	

Sample: PR-022-WF OUTSIDE 007 **Lab ID: 7071871022** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:11	7439-92-1	

Sample: PR-023-SINK INSIDE 007 **Lab ID: 7071871023** 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 Method: EPA 200.8							
Lead	**6.8**	ug/L	1.0	1		11/30/18 17:26	7439-92-1	

Sample: PR-024-WF OUTSIDE 015 **Lab ID: 7071871024** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:29	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-025 SINK BASEMENT LOUNGE **Lab ID: 7071871025** 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 Method: EPA 200.8							
Lead	**1.4**	ug/L	1.0	1		11/30/18 17:32	7439-92-1	

Sample: PR-026 WF IN GYM OUT BOYS LCKR **Lab ID: 7071871026** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:35	7439-92-1	

Sample: PR-027 WF IN GYM OUT GIRL LCKR **Lab ID: 7071871027** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:38	7439-92-1	

Sample: PR-028 WF IN 001 **Lab ID: 7071871028** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:41	7439-92-1	

Sample: PR-029 SINK IN 001 **Lab ID: 7071871029** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:44	7439-92-1	

Sample: PR-030 WF IN 104 **Lab ID: 7071871030** 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 Method: EPA 200.8							
Lead	**5.6**	ug/L	1.0	1		11/30/18 17:48	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

Sample: PR-031 WF IN 106 **Lab ID: 7071871031** 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 Method: EPA 200.8							
Lead	**1.1**	ug/L	1.0	1		12/01/18 00:47	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

QC Batch: 92918 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071871001, 7071871002, 7071871003, 7071871004, 7071871005, 7071871006, 7071871007, 7071871008, 7071871009, 7071871010, 7071871011, 7071871012, 7071871013, 7071871014, 7071871015, 7071871016, 7071871017, 7071871018, 7071871019, 7071871020

METHOD BLANK: 428956 Matrix: Water
Associated Lab Samples: 7071871001, 7071871002, 7071871003, 7071871004, 7071871005, 7071871006, 7071871007, 7071871008, 7071871009, 7071871010, 7071871011, 7071871012, 7071871013, 7071871014, 7071871015, 7071871016, 7071871017, 7071871018, 7071871019, 7071871020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 15:16	

LABORATORY CONTROL SAMPLE: 428957

Parameter	Units	Spike Conc.	LCS Result	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.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

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	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 16:55	

LABORATORY CONTROL SAMPLE: 428966

Parameter	Units	Spike Conc.	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		

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

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

QUALITY CONTROL DATA

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 23:16	

LABORATORY CONTROL SAMPLE: 429227

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

MATRIX SPIKE SAMPLE: 429229

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

MATRIX SPIKE SAMPLE: 429231

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

SAMPLE DUPLICATE: 429228

Parameter	Units	7071873001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 429230

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.

REPORT OF LABORATORY ANALYSIS

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-RICHLAND ELE
Pace Project No.: 7071871

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		

Pace Analytical
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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.

Page: 1 of 2

2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - ~~Pine~~ Richland	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

WO#:7071871

7071871

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual C	Pace Project No./ Lab I.D.
1	PR-001 - Rm B 109	DW	G	11/9/18								X							X		001
2	PR-002 - wf outside Rm 112																				002
3	PR-003 - wf filter outside Rm 112																				003
4	PR-004 - Kit. by freezer																				004
5	PR-005 - Kit. sink 1 by C113																				005
6	PR-006 - Kit. sink 2 by C113																				006
7	PR-007 - Kit. sink by A113																				007
8	PR-008 - Kit. Kettle																				008
9	PR-009 - wf outside 115																				009
10	PR-010 - wf outside 117																				010
11	PR-011 - sink rm 114																				011
12	PR-012 - wf outside 103																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18			11/9/18	11:40	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 2

2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Richland ELE.	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PR-013 wf filler outside 103	DW	G	11/9/18								X							X		013
2	PR-014 Rwf outside 103	"																			014
3	PR-015 wf outside 218																				015
4	PR-016 wf outside 219																				016
5	PR-017 wf filler outside 219																				017
6	PR-018 sink inside 218																				018
7	PR-019 Lwf outside J200																				019
8	PR-020 wf filler outside J200																				020
9	PR-021 Rwf outside J200																				021
10	PR-022 wf outside 007																				022
11	PR-023 sink inside 007																				023
12	PR-024 wf outside 015	↓																			024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of 2227079

Section A Required Client Information:

Company:	PSI
Address:	850 Poplar Street
	Pittsburgh PA 15220
Email To:	mike.kopar@psiusa.com
Phone:	412-922-4000
Fax:	412-922-4043
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Same
Copy To:	
Purchase Order No.:	08163144-14
Project Name:	Pine Richland - Richland Element
Project Number:	

Section C Invoice Information:

Attention:	Same
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PR-025 sink basement lounge	DW	G	11/9/18								X						X			025
2	PR-026 wtf gym outside boys locker																				026
3	PR-027 wtf in gym outside girls locker																				027
4	PR-028 wtf in 001																				028
5	PR-029 sink in 001																				029
6	PR-030 wtf in 104																				030
7	PR-031 wtf in 106																				31
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18					

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon

WO#:7071871
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 3540

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No **Seals intact:** ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 **Correction Factor:** 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): - **Cooler Temperature Corrected (°C):** _____

Date/Time 5035A kits placed in freezer 11/5/18

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample) **Date and Initials of person examining contents:** JK 11/12/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☐Yes	☑No	☐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	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # 1C857466				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
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.**

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

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W1-OFFICE MAIN SINK **Lab ID: 7071869001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 08:21	7439-92-1	

Sample: W2-NURSE MAIN SINK **Lab ID: 7071869002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 08:30	7439-92-1	

Sample: W3-KITCHEN FOOD PREP SINK **Lab ID: 7071869003** 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 Method: EPA 200.8							
Lead	**1.6**	ug/L	1.0	1		11/30/18 08:45	7439-92-1	

Sample: W4-KITCHEN KETTLE R **Lab ID: 7071869004** 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 Method: EPA 200.8							
Lead	**12.3**	ug/L	1.0	1		11/30/18 08:48	7439-92-1	

Sample: W5-KITCHEN KETTLE L **Lab ID: 7071869005** 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 Method: EPA 200.8							
Lead	**24.1**	ug/L	1.0	1		11/30/18 08:51	7439-92-1	

Sample: W6-OUTSIDE NURSE F **Lab ID: 7071869006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 08:54	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W7-OUTSIDE D115 MUSIC F **Lab ID: 7071869007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 08:57	7439-92-1	

Sample: W8-C136 **Lab ID: 7071869008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:00	7439-92-1	

Sample: W9-C130 **Lab ID: 7071869009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:03	7439-92-1	

Sample: W10-C129 **Lab ID: 7071869010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:06	7439-92-1	

Sample: W11-C135 **Lab ID: 7071869011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:09	7439-92-1	

Sample: W12-RMC128 **Lab ID: 7071869012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W13-LOCKER AREA F R **Lab ID: 7071869013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:22	7439-92-1	

Sample: W14- RM C 102 **Lab ID: 7071869014** 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 Method: EPA 200.8							
Lead	**1.7**	ug/L	1.0	1		11/30/18 09:25	7439-92-1	

Sample: W15-RM C 101 SINK * **Lab ID: 7071869015** 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 Method: EPA 200.8							
Lead	**1.6**	ug/L	1.0	1		11/30/18 09:28	7439-92-1	

Sample: W16-LOCKER AREA F L **Lab ID: 7071869016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:31	7439-92-1	

Sample: W17-RM C 121 F **Lab ID: 7071869017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:34	7439-92-1	

Sample: W18-RM C 117 **Lab ID: 7071869018** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:37	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W19-RM C 119 **Lab ID: 7071869019** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:40	7439-92-1	

Sample: W20-RM C 118 **Lab ID: 7071869020** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:43	7439-92-1	

Sample: W21-RCC 120 **Lab ID: 7071869021** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 09:58	7439-92-1	

Sample: W22-C104 **Lab ID: 7071869022** 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 Method: EPA 200.8							
Lead	**1.5**	ug/L	1.0	1		11/30/18 10:07	7439-92-1	

Sample: W23-C112 SINK **Lab ID: 7071869023** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 10:16	7439-92-1	

Sample: W24-C111 **Lab ID: 7071869024** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 10:19	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W25-C110 **Lab ID: 7071869025** 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 Method: EPA 200.8							
Lead	**1.9**	ug/L	1.0	1		11/30/18 10:22	7439-92-1	

Sample: W26-OUTSIDE C110 F **Lab ID: 7071869026** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 10:25	7439-92-1	

Sample: W27-TEACHERS LOUNGE **Lab ID: 7071869027** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 12:57	7439-92-1	

Sample: W28-RM B 121 **Lab ID: 7071869028** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:06	7439-92-1	

Sample: W29-RM B 120 **Lab ID: 7071869029** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:09	7439-92-1	

Sample: W30-RM B119 SINK **Lab ID: 7071869030** 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 Method: EPA 200.8							
Lead	**1.8**	ug/L	1.0	1		11/30/18 13:12	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

Sample: W31-KINGDERGARTEN LKER AREA FL **Lab ID: 7071869031** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:15	7439-92-1	

Sample: W32-KINGDERGARTEN LKR AREA FR **Lab ID: 7071869032** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:18	7439-92-1	

Sample: W33-RM B116 SINK **Lab ID: 7071869033** 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 Method: EPA 200.8							
Lead	**11.7**	ug/L	1.0	1		11/30/18 13:21	7439-92-1	

Sample: W34-RM B117 **Lab ID: 7071869034** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:24	7439-92-1	

Sample: W35-RM B118 **Lab ID: 7071869035** 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 Method: EPA 200.8							
Lead	**1.6**	ug/L	1.0	1		11/30/18 13:27	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 08:15	

LABORATORY CONTROL SAMPLE: 428938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.3	101	85-115	

MATRIX SPIKE SAMPLE: 428940

Parameter	Units	7071869001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.6	116	70-130	

MATRIX SPIKE SAMPLE: 428942

Parameter	Units	7071869002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	3.1	119	70-130	

SAMPLE DUPLICATE: 428939

Parameter	Units	7071869001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 428941

Parameter	Units	7071869002 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

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

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	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 09:46	

LABORATORY CONTROL SAMPLE: 428944

Parameter	Units	Spike Conc.	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		

SAMPLE DUPLICATE: 428947

Parameter	Units	7071869022 Result	Dup 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.

REPORT OF LABORATORY ANALYSIS

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071869

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		
7071869007	W7-OUTSIDE D115 MUSIC F	EPA 200.8	92913		
7071869008	W8-C136	EPA 200.8	92913		
7071869009	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		
7071869013	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		
7071869016	W16-LOCKER AREA F L	EPA 200.8	92913		
7071869017	W17-RM C 121 F	EPA 200.8	92913		
7071869018	W18-RM C 117	EPA 200.8	92913		
7071869019	W19-RM C 119	EPA 200.8	92913		
7071869020	W20-RM C 118	EPA 200.8	92913		
7071869021	W21-RCC 120	EPA 200.8	92915		
7071869022	W22-C104	EPA 200.8	92915		
7071869023	W23-C112 SINK	EPA 200.8	92915		
7071869024	W24-C111	EPA 200.8	92915		
7071869025	W25-C110	EPA 200.8	92915		
7071869026	W26-OUTSIDE C110 F	EPA 200.8	92915		
7071869027	W27-TEACHERS LOUNGE	EPA 200.8	92915		
7071869028	W28-RM B 121	EPA 200.8	92915		
7071869029	W29-RM B 120	EPA 200.8	92915		
7071869030	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		

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Request D

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

WO#: 7071869

7071869

2221015

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Wexford	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☒ DRINKING WATER

UST ☐ RCRA ☐ OTHER ____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	W1 - Office Main Sink	DW	G	11/9/18								X							X		001
2	W2 - Nurse Main Sink																				002
3	W3 - Kitchen Food Prep Sink																				003
4	W4 - Kitchen Kettle A																				004
5	W5 - Kitchen Kettle L																				005
6	W6 - Outside Nurse F																				006
7	W7 - Outside D115 Music F																				007
8	W8 - C136																				008
9	W9 - C130																				009
10	W10 - C129																				010
11	W11 - C135																				011
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature]	11/5/18	1145	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

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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.

Page: of

2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Wexford	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	W12 - Rm C128	DW	G	11/9/18								X							X		012
2	W13 - Locker Area F R																				013
3	W14 - Rm C102																				014
4	W15 - Rm C101 Sink *																				015
5	W16 - Locker Area F L																				016
6	W17 - Rm C121 F																				017
7	W18 - Rm C117																				018
8	W19 - Rm C119																				019
9	W20 - Rm C118																				020
10	W21 - Rm C120																				021
11	W22 - C104																				022
12	W23 - C112 Sink																				023

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: of 2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Wexford	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	W24- C111	DW	G	11/9/18								X							X		024
2	W25- C110																				025
3	W26- Outside C110 F																				026
4	W27- Teachers lounge																				027
5	W28- Rm B121																				028
6	W29- Rm B120																				029
7	W30- Rm B119 Sink																				030
8	W31- Kindergarden LockerAre FL																				031
9	W32- Kindergarden LockerArea FR																				032
10	W33- Rm B116 Sink																				033
11	W34- Rm B117																				034
12	W35- Rm B118																				035

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature] UPS		11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon Re

WO#: 7071869
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC **Proj**

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 3540

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals intact:** ☐ Yes ☐ No **Temperature Blank Present:** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other **Type of Ice:** Wet Blue None

Thermometer Used: TH091 **Correction Factor:** 0.0 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): — **Cooler Temperature Corrected (°C):** — **Date/Time 5035A kits placed in freezer** TH518

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample) **Date and Initials of person examining contents:** JK 11/30/18 11754

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☒Yes	☐No		1.
Chain of Custody Filled Out:	☒Yes	☐No		2.
Chain of Custody Relinquished:	☒Yes	☐No		3.
Sampler Name & Signature on COC:	☐Yes	☒No	☐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	☒No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒Yes	☐No		8.
Correct Containers Used:	☒Yes	☐No		9.
-Pace Containers Used:	☒Yes	☐No		
Containers Intact:	☒Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☒Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☒Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☒N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	15.
Trip Blank Present:	☐Yes	☐No	☒N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
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.**

F-LI-C-002-rev.02

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071873

Sample: W24-A112 **Lab ID: 7071873001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:28	7439-92-1	

Sample: W25-OUTSIDE B108 F **Lab ID: 7071873002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:37	7439-92-1	

Sample: W26-B106 **Lab ID: 7071873003** 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 Method: EPA 200.8							
Lead	**4.4**	ug/L	1.0	1		11/30/18 23:46	7439-92-1	

Sample: W27-B103 **Lab ID: 7071873004** 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 Method: EPA 200.8							
Lead	**2.8**	ug/L	1.0	1		11/30/18 23:50	7439-92-1	

Sample: W28-B104 **Lab ID: 7071873005** 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 Method: EPA 200.8							
Lead	**1.8**	ug/L	1.0	1		11/30/18 23:53	7439-92-1	

Sample: W29-B105 **Lab ID: 7071873006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:56	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071873

Sample: W30-LIBRARY SINK **Lab ID: 7071873007** 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 Method: EPA 200.8							
Lead	**2.0**	ug/L	1.0	1		12/01/18 00:05	7439-92-1	

Sample: W31-OUTSIDE LIBRARY F **Lab ID: 7071873008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:08	7439-92-1	

Sample: W32-OUTSIDE A110 **Lab ID: 7071873009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:11	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071873

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: 7071873001, 7071873002, 7071873003, 7071873004, 7071873005, 7071873006, 7071873007, 7071873008, 7071873009

METHOD BLANK: 429226 Matrix: Water
Associated Lab Samples: 7071873001, 7071873002, 7071873003, 7071873004, 7071873005, 7071873006, 7071873007, 7071873008, 7071873009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 23:16	

LABORATORY CONTROL SAMPLE: 429227

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

MATRIX SPIKE SAMPLE: 429229

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

MATRIX SPIKE SAMPLE: 429231

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

SAMPLE DUPLICATE: 429228

Parameter	Units	7071873001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 429230

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.

REPORT OF LABORATORY ANALYSIS

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-WEXFORD
Pace Project No.: 7071873

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		

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CHAIN-OF-CUSTODY / Analytical Reques

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

WO#:7071873

7071873

Section A Required Client Information:
Company: PSI
Address: 850 Poplar Street
Pittsburgh PA 15220
Email To: mike.kopar@psiusa.com
Phone: 412-922-4000 Fax: 412-922-4043
Requested Due Date/TAT: Standard

Section B Required Project Information:
Report To: Same
Copy To:
Purchase Order No.: 08163144-14
Project Name: Pine Richland - Wexford
Project Number:

Section C Invoice Information:
Attention: Same
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

2227079

REGULATORY AGENCY
NPDES / GROUND WATER / X DRINKING WATER
UST / RCRA / OTHER
Site Location STATE: PA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	W24 - A112	DW	G	11/9/18								X						X		001
2	W25 - Outside B108 F																			002
3	W26 - B106																			003
4	W27 - B103																			004
5	W28 - B104																			005
6	W29 - B105																			006
7	W30 - Library Sink																			007
8	W31 - Outside Library F																			008
9	W32 - Outside A110																			009
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Deidre Morrison
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical®
Long Island Laboratory

Sample Condition Upon Receipt

WO#:7071873
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 5540

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals intact:** ☐ Yes ☐ No **Temperature Blank Present:** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other **Type of Ice:** Wet Blue None

Thermometer Used: TH091 **Correction Factor:** 0.0 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): **Cooler Temperature Corrected (°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:** JK 11/5/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☐Yes	☑No	☐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	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☐Yes	☐No	☐N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
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.

F-LI-C-002-rev.02

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

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

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-MIDDLE SCHOOL
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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:45	7439-92-1	

Sample: MS2-NURSE SINK **Lab ID: 7071870002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 13:54	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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 14:03	7439-92-1	

Sample: MS4-OUTSIDE CAFETERIA **Lab ID: 7071870004** 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 Method: EPA 200.8							
Lead	**1.0**	ug/L	1.0	1		11/30/18 14:28	7439-92-1	

Sample: MS5-KITCHEN KETTLE **Lab ID: 7071870005** 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 Method: EPA 200.8							
Lead	**14.4**	ug/L	1.0	1		11/30/18 14:31	7439-92-1	

Sample: MS6-KITCHEN SINK REAR **Lab ID: 7071870006** 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 Method: EPA 200.8							
Lead	**1.7**	ug/L	1.0	1		11/30/18 14:34	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071870

Sample: MS7-400 HALL OUTSIDE RM 411 F **Lab ID: 7071870007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 14:37	7439-92-1	

Sample: MS8-OUTSIDE RM 207 F **Lab ID: 7071870008** 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 Method: EPA 200.8							
Lead	**1.0**	ug/L	1.0	1		11/30/18 14:40	7439-92-1	

Sample: MS9-WOMENS FACULTY RM SINK **Lab ID: 7071870009** 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 Method: EPA 200.8							
Lead	**1.0**	ug/L	1.0	1		11/30/18 14:43	7439-92-1	

Sample: MS10-OUTSIDE RM206 F **Lab ID: 7071870010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 14:46	7439-92-1	

Sample: MS11-GUIDANCE OFFICE SINK **Lab ID: 7071870011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 14:55	7439-92-1	

Sample: MS12-OUTSIDE 403 F **Lab ID: 7071870012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 14:58	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071870

Sample: MS13-RM 400 FACULTY SINK **Lab ID: 7071870013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:01	7439-92-1	

Sample: MS14-RM 300 SPECIAL NEEDS SINK **Lab ID: 7071870014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:04	7439-92-1	

Sample: MS15-ART RM 2 SINK **Lab ID: 7071870015** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:07	7439-92-1	

Sample: MS16-ART RM 1 SINK **Lab ID: 7071870016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:10	7439-92-1	

Sample: MS17-LIBRARY SINK **Lab ID: 7071870017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 15:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071870

QC Batch: 92917 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071870001, 7071870002, 7071870003, 7071870004, 7071870005, 7071870006, 7071870007, 7071870008, 7071870009, 7071870010, 7071870011, 7071870012, 7071870013, 7071870014, 7071870015, 7071870016, 7071870017

METHOD BLANK: 428950 Matrix: Water
Associated Lab Samples: 7071870001, 7071870002, 7071870003, 7071870004, 7071870005, 7071870006, 7071870007, 7071870008, 7071870009, 7071870010, 7071870011, 7071870012, 7071870013, 7071870014, 7071870015, 7071870016, 7071870017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 13:33	

LABORATORY CONTROL SAMPLE: 428951

Parameter	Units	Spike Conc.	LCS Result	LCS % 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	2.5	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	2.4	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.

REPORT OF LABORATORY ANALYSIS

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071870

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		

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CHAIN-OF-CUSTODY / Analytical Reques

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

WO#:7071870

7071870

2221015

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Middle School	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MS1- Office Kitchen	DW	G	11/9/18								X							X		001
2	MS2- Nurse sink																				002
3	MS3- Outside Rm 102 F																				003
4	MS4- Outside Cafteria																				004
5	MS5- Kitchen Kettle																				005
6	MS6- Kitchen Sink Rear																				006
7	MS7- 400 Hall outside Rm 411 F																				007
8	MS8- Outside Rm 207 F																				008
9	MS9- Womens Faculty Rm Sink																				009
10	MS10- Outside Rm 206 F																				010
11	MS11- Guidance office sink																				011
12	MS12- Outside 403 F																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18			11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Middle School	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No / Lab I.D.
1	MS13 - Rm 400 Faculty Sink	DW	G	11/9/18								X							X		013
2	MS14 - Rm 300 Special Needs Sink																				014
3	MS15 - Art Rm 2 Sink																				015
4	MS16 - Art Rm 1 Sink																				016
5	MS17 - Library Sink																				017
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Madeleine Hoopes/ PSI	11/9/18		[signature] LI	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical

Sample Condition Upon Receipt

WO#:7071870
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 3540

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals intact:** ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 **Correction Factor:** 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): — **Cooler Temperature Corrected (°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:** JK 11/28/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☐ Yes	☑ No	☐ 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	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL				
All containers needing preservation have been checked	☑ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857464				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑ Yes	☐ No	☐ N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
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.

F-LI-C-002-rev.02

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071872

Sample: *MS-100-WF OUTSIDE GYM **Lab ID: 7071872001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 17:57	7439-92-1	

Sample: *MS-101-WF OUTSIDE GYM **Lab ID: 7071872002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:00	7439-92-1	

Sample: *MS-102-RWF BOTTLE FILLER **Lab ID: 7071872003** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:03	7439-92-1	

Sample: *MS-103-WF OUTSIDE ART 2 **Lab ID: 7071872004** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:06	7439-92-1	

Sample: MS-104-WF OUTSIDE E AN E **Lab ID: 7071872005** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:09	7439-92-1	

Sample: MS-105-HOM EC SINK 1 **Lab ID: 7071872006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:12	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071872

Sample: MS-106-HOM EC SINK 2 **Lab ID: 7071872007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:15	7439-92-1	

Sample: MS-107-HOME EC SINK 3 **Lab ID: 7071872008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:18	7439-92-1	

Sample: MS-108-HOME EC SINK 4 **Lab ID: 7071872009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:21	7439-92-1	

Sample: MS-109-HOME EC SINK 5 **Lab ID: 7071872010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:24	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071872

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 16:55	

LABORATORY CONTROL SAMPLE: 428966

Parameter	Units	Spike Conc.	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		

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

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

QUALIFIERS

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071872

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-MIDDLE SCHOOL
Pace Project No.: 7071872

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		

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

WO#: 7071872

7071872

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Middle School	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MS-100 -WF outside Gym	DW	G	11/9/18								X						X	X		001
2	MS-101 -WF outside Gym																				002
3	MS-102 -Ruf bottle filler																				003
4	MS-103 -WF outside Art																				004
5	MS-104 -WF outside Entr																				005
6	MS-105 -Home ec. sink 1																				006
7	MS-106 - sink 2																				007
8	MS-107 - sink 3																				008
9	MS-108 - sink 4																				009
10	MS-109 - sink 5																				010
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

Pace Analytical

Sample Condition Upon R

WO#:7071872

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

Client Name: PSIC

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 4670 1145 5540

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0

Samples on ice, cooling process has begun

Cooler Temperature (°C): Cooler Temperature Corrected (°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: JK 11/15/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? 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:	Yes	No		1.
Chain of Custody Filled Out:	Yes	No		2.
Chain of Custody Relinquished:	Yes	No		3.
Sampler Name & Signature on COC:	Yes	No	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	No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	Yes	No		8.
Correct Containers Used:	Yes	No		9.
-Pace Containers Used:	Yes	No		
Containers Intact:	Yes	No		10.
Filtered volume received for Dissolved tests	Yes	No	N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL WT OIL	Yes	No		12.
All containers needing preservation have been checked. pH paper Lot # HC857460	Yes	No	N/A	13. HNO_3 H_2SO_4 NaOH HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	Yes	No	N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	Yes	No	N/A	14. Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	Yes	No	N/A	15.
Trip Blank Present:	Yes	No	N/A	16.
Trip Blank Custody Seals Present	Yes	No	N/A	
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.

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

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

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
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 Services, LLC
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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

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-001-WF OUTSIDE WEIGHT RM **Lab ID: 7071875001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:40	7439-92-1	

Sample: HS-002-WF FILLER WEIGHT RM **Lab ID: 7071875002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 18:49	7439-92-1	

Sample: HS-003 SINK INSIDE 061 **Lab ID: 7071875003** 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 Method: EPA 200.8							
Lead	**1.3**	ug/L	1.0	1		11/30/18 18:58	7439-92-1	

Sample: HS-004 WF INSIDE 064 **Lab ID: 7071875004** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:01	7439-92-1	

Sample: HS-005 SNK INSIDE 068A 1ST IN **Lab ID: 7071875005** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:10	7439-92-1	

Sample: HS-006 SNK INSDE 068A OUT CAFA **Lab ID: 7071875006** 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 Method: EPA 200.8							
Lead	**1.4**	ug/L	1.0	1		11/30/18 19:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-007 SINK INSDE 068C EXAM RM **Lab ID: 7071875007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:16	7439-92-1	

Sample: HS-008 INSIDE 067 FRIDGE **Lab ID: 7071875008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:19	7439-92-1	

Sample: HS-009 SINK INSIDE 067 **Lab ID: 7071875009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:22	7439-92-1	

Sample: HS-010 WF OUTSIDE 069J **Lab ID: 7071875010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:25	7439-92-1	

Sample: HS-011 SINK INSIDE 070B **Lab ID: 7071875011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:29	7439-92-1	

Sample: HS-012 LWF OUT ATTENDANCE OFIC **Lab ID: 7071875012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:32	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-013 RWF OUT ATTENDANCE OFIC **Lab ID: 7071875013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:35	7439-92-1	

Sample: HS-014 WF FILLER OUT ATTENDANC **Lab ID: 7071875014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:38	7439-92-1	

Sample: HS-015 LWF OUT BACK AUDITORIUM **Lab ID: 7071875015** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:47	7439-92-1	

Sample: HS-016 WF FILLER OUT BACK AUDI **Lab ID: 7071875016** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:50	7439-92-1	

Sample: HS-017 RWF OUT BACK AUDITORIUM **Lab ID: 7071875017** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:53	7439-92-1	

Sample: HS-018 SINK INSIDE 016 **Lab ID: 7071875018** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:56	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-019 WF OUTSIDE 20 CLASSROOM **Lab ID: 7071875019** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 19:59	7439-92-1	

Sample: HS-020 SINK INSIDE 027 **Lab ID: 7071875020** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:02	7439-92-1	

Sample: HS-021 WF OUTSIDE 033 **Lab ID: 7071875021** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:11	7439-92-1	

Sample: HS-022 SINK INSIDE 039 **Lab ID: 7071875022** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:27	7439-92-1	

Sample: HS-023 SINK INSIDE 035 **Lab ID: 7071875023** 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 Method: EPA 200.8							
Lead	**2.2**	ug/L	1.0	1		11/30/18 20:36	7439-92-1	

Sample: HS-024 SINK INSIDE 037 **Lab ID: 7071875024** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:39	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-025 LWF OUT LIBRARY OFFICE **Lab ID: 7071875025** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:42	7439-92-1	

Sample: HS-026 RWF OUT LIBRARY OFFICE **Lab ID: 7071875026** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:45	7439-92-1	

Sample: HS-027 SNK IN LIBRARY OFFICE **Lab ID: 7071875027** 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 Method: EPA 200.8							
Lead	**1.4**	ug/L	1.0	1		11/30/18 20:48	7439-92-1	

Sample: HS-028 L SNK OUT KIT C STORAGE **Lab ID: 7071875028** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 20:51	7439-92-1	

Sample: HS-029 SNK TO R OUT KIT C STOR **Lab ID: 7071875029** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:01	7439-92-1	

Sample: HS-030 L KETTLE OUT KIT C STOR **Lab ID: 7071875030** 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 Method: EPA 200.8							
Lead	**114**	ug/L	1.0	1		11/30/18 21:04	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-031 MID KETTLE OUT KIT C ST **Lab ID: 7071875031** 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 Method: EPA 200.8							
Lead	**387**	ug/L	1.0	1		11/30/18 21:07	7439-92-1	

Sample: HS-032 R KETTLE OUT KIT C STOR **Lab ID: 7071875032** 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 Method: EPA 200.8							
Lead	**232**	ug/L	1.0	1		11/30/18 21:10	7439-92-1	

Sample: HS-033 SNK KITCHEN OUTSIDE FLA **Lab ID: 7071875033** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:13	7439-92-1	

Sample: HS-034 SNK KIT L OT PIZZA OVEN **Lab ID: 7071875034** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:16	7439-92-1	

Sample: HS-035 SNK KIT R OF PIZZA OVEN **Lab ID: 7071875035** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:19	7439-92-1	

Sample: HS-036 WF OUTSIDE 119S **Lab ID: 7071875036** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:22	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-037 RM 120 SINK KITCHEN 3 **Lab ID: 7071875037** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:25	7439-92-1	

Sample: HS-038 SINK IN RM 120 KIT 4 **Lab ID: 7071875038** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:28	7439-92-1	

Sample: HS-039 SINK IN RM 120 KIT 1 **Lab ID: 7071875039** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:37	7439-92-1	

Sample: HS-040 SINK IN RM 120 KIT 2 **Lab ID: 7071875040** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:41	7439-92-1	

Sample: HS-041 WF INSIDE 114 **Lab ID: 7071875041** 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 Method: EPA 200.8							
Lead	**8.4**	ug/L	1.0	1		11/30/18 21:50	7439-92-1	

Sample: HS-042 SINK INSIDE 113 **Lab ID: 7071875042** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 21:59	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-043 WF INSIDE ADMIN OFFICE **Lab ID: 7071875043** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:14	7439-92-1	

Sample: HS-044 SINK INSIDE STAFF RM **Lab ID: 7071875044** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:17	7439-92-1	

Sample: HS-045 SINK INSIDE DEWITT CONF **Lab ID: 7071875045** 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 Method: EPA 200.8							
Lead	**1.3**	ug/L	1.0	1		11/30/18 22:20	7439-92-1	

Sample: HS-046 SINK OUTSIDE A7 WORKRM **Lab ID: 7071875046** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:23	7439-92-1	

Sample: HS-047 WF OUTSIDE 111B OFFICE **Lab ID: 7071875047** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:26	7439-92-1	

Sample: HS-048 SINK INSIDE 104A **Lab ID: 7071875048** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:30	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-049 WF OUTSIDE 100 CLASSRM **Lab ID: 7071875049** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:33	7439-92-1	

Sample: HS-050 WF CAFE OUTSIDE FC STOR **Lab ID: 7071875050** 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 Method: EPA 200.8							
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: 7071875051** 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 Method: EPA 200.8							
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: 7071875052** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:42	7439-92-1	

Sample: HS-053 WF FILLER CAFE OUT SA **Lab ID: 7071875053** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:51	7439-92-1	

Sample: HS-054 WF INSIDE 317M LEFT **Lab ID: 7071875054** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:54	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-055 WF INSIDE 317M L FILLER **Lab ID: 7071875055** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 22:57	7439-92-1	

Sample: HS-056 RWF INSIDE 317W **Lab ID: 7071875056** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:00	7439-92-1	

Sample: HS-057 SINK INSIDE 324 **Lab ID: 7071875057** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:03	7439-92-1	

Sample: HS-058 LWF NSIDE 300M **Lab ID: 7071875058** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:07	7439-92-1	

Sample: HS-059 LWF FILLER INSIDE 300M **Lab ID: 7071875059** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:10	7439-92-1	

Sample: HS-060 RWF INSIDE 300W **Lab ID: 7071875060** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		11/30/18 23:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-061 WF OUTSIDE 201 **Lab ID: 7071875061** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:14	7439-92-1	

Sample: HS-062 SINK INSIDE 211A **Lab ID: 7071875062** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:17	7439-92-1	

Sample: HS-063 WF OUTSIDE 212M **Lab ID: 7071875063** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:20	7439-92-1	

Sample: HS-064 WF FILLER OUTSIDE 212M **Lab ID: 7071875064** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:23	7439-92-1	

Sample: HS-065 LWF INSIDE 415M **Lab ID: 7071875065** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:26	7439-92-1	

Sample: HS-066 RWF INSIDE 415W **Lab ID: 7071875066** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:29	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Sample: HS-067 PWF FILLER INSIDE 415W **Lab ID: 7071875067** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:32	7439-92-1	

Sample: HS-068 SINK INSIDE 422 **Lab ID: 7071875068** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:41	7439-92-1	

Sample: HS-069 SINK INSIDE 108 **Lab ID: 7071875069** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:44	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

QC Batch: 92945 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071875001, 7071875002, 7071875003, 7071875004, 7071875005, 7071875006, 7071875007, 7071875008, 7071875009, 7071875010, 7071875011, 7071875012, 7071875013, 7071875014, 7071875015, 7071875016, 7071875017, 7071875018, 7071875019, 7071875020

METHOD BLANK: 429071 Matrix: Water
Associated Lab Samples: 7071875001, 7071875002, 7071875003, 7071875004, 7071875005, 7071875006, 7071875007, 7071875008, 7071875009, 7071875010, 7071875011, 7071875012, 7071875013, 7071875014, 7071875015, 7071875016, 7071875017, 7071875018, 7071875019, 7071875020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 18:33	

LABORATORY CONTROL SAMPLE: 429072

Parameter	Units	Spike Conc.	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	<1.0	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	<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		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

QC Batch: 92946 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7071875021, 7071875022, 7071875023, 7071875024, 7071875025, 7071875026, 7071875027, 7071875028, 7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, 7071875035, 7071875036, 7071875037, 7071875038, 7071875039, 7071875040

METHOD BLANK: 429077 Matrix: Water
Associated Lab Samples: 7071875021, 7071875022, 7071875023, 7071875024, 7071875025, 7071875026, 7071875027, 7071875028, 7071875029, 7071875030, 7071875031, 7071875032, 7071875033, 7071875034, 7071875035, 7071875036, 7071875037, 7071875038, 7071875039, 7071875040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
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	<1.0	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		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

QC Batch: 92947 Analysis Method: EPA 200.8
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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 21:44	

LABORATORY CONTROL SAMPLE: 429084

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

MATRIX SPIKE SAMPLE: 429086

Parameter	Units	7071875041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	8.4	2	10.8	121	70-130	

MATRIX SPIKE SAMPLE: 429088

Parameter	Units	7071875042 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.4	114	70-130	

SAMPLE DUPLICATE: 429085

Parameter	Units	7071875041 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	8.4	7.7	9	

SAMPLE DUPLICATE: 429087

Parameter	Units	7071875042 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/30/18 23:16	

LABORATORY CONTROL SAMPLE: 429227

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

MATRIX SPIKE SAMPLE: 429229

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

MATRIX SPIKE SAMPLE: 429231

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

SAMPLE DUPLICATE: 429228

Parameter	Units	7071873001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 429230

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

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REPORT OF LABORATORY ANALYSIS

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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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7071875001	HS-001-WF OUTSIDE WEIGHT RM	EPA 200.8	92945		
7071875002	HS-002-WF FILLER WEIGHT RM	EPA 200.8	92945		
7071875003	HS-003 SINK INSIDE 061	EPA 200.8	92945		
7071875004	HS-004 WF INSIDE 064	EPA 200.8	92945		
7071875005	HS-005 SNK INSIDE 068A 1ST IN	EPA 200.8	92945		
7071875006	HS-006 SNK INSDE 068A OUT CAFA	EPA 200.8	92945		
7071875007	HS-007 SINK INSDE 068C EXAM RM	EPA 200.8	92945		
7071875008	HS-008 INSIDE 067 FRIDGE	EPA 200.8	92945		
7071875009	HS-009 SINK INSIDE 067	EPA 200.8	92945		
7071875010	HS-010 WF OUTSIDE 069J	EPA 200.8	92945		
7071875011	HS-011 SINK INSIDE 070B	EPA 200.8	92945		
7071875012	HS-012 LWF OUT ATTENDANCE OFIC	EPA 200.8	92945		
7071875013	HS-013 RWF OUT ATTENDANCE OFIC	EPA 200.8	92945		
7071875014	HS-014 WF FILLER OUT ATTENDANC	EPA 200.8	92945		
7071875015	HS-015 LWF OUT BACK AUDITORIUM	EPA 200.8	92945		
7071875016	HS-016 WF FILLER OUT BACK AUDI	EPA 200.8	92945		
7071875017	HS-017 RWF OUT BACK AUDITORIUM	EPA 200.8	92945		
7071875018	HS-018 SINK INSIDE 016	EPA 200.8	92945		
7071875019	HS-019 WF OUTSIDE 20 CLASSROOM	EPA 200.8	92945		
7071875020	HS-020 SINK INSIDE 027	EPA 200.8	92945		
7071875021	HS-021 WF OUTSIDE 033	EPA 200.8	92946		
7071875022	HS-022 SINK INSIDE 039	EPA 200.8	92946		
7071875023	HS-023 SINK INSIDE 035	EPA 200.8	92946		
7071875024	HS-024 SINK INSIDE 037	EPA 200.8	92946		
7071875025	HS-025 LWF OUT LIBRARY OFFICE	EPA 200.8	92946		
7071875026	HS-026 RWF OUT LIBRARY OFFICE	EPA 200.8	92946		
7071875027	HS-027 SNK IN LIBRARY OFFICE	EPA 200.8	92946		
7071875028	HS-028 L SNK OUT KIT C STORAGE	EPA 200.8	92946		
7071875029	HS-029 SNK TO R OUT KIT C STOR	EPA 200.8	92946		
7071875030	HS-030 L KETTLE OUT KIT C STOR	EPA 200.8	92946		
7071875031	HS-031 MID KETTLE OUT KIT C ST	EPA 200.8	92946		
7071875032	HS-032 R KETTLE OUT KIT C STOR	EPA 200.8	92946		
7071875033	HS-033 SNK KITCHEN OUTSIDE FLA	EPA 200.8	92946		
7071875034	HS-034 SNK KIT L OT PIZZA OVEN	EPA 200.8	92946		
7071875035	HS-035 SNK KIT R OF PIZZA OVEN	EPA 200.8	92946		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-HIGH SCHOOL
Pace Project No.: 7071875

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical 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		
7071875041	HS-041 WF INSIDE 114	EPA 200.8	92947		
7071875042	HS-042 SINK INSIDE 113	EPA 200.8	92947		
7071875043	HS-043 WF INSIDE ADMIN OFFICE	EPA 200.8	92947		
7071875044	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		
7071875051	HS-051 WF FILLER CAFE OUT FC	EPA 200.8	92947		
7071875052	HS-052 WF CAFE OUT STUDENT ACT	EPA 200.8	92947		
7071875053	HS-053 WF FILLER CAFE OUT SA	EPA 200.8	92947		
7071875054	HS-054 WF INSIDE 317M LEFT	EPA 200.8	92947		
7071875055	HS-055 WF INSIDE 317M L FILLER	EPA 200.8	92947		
7071875056	HS-056 RWF INSIDE 317W	EPA 200.8	92947		
7071875057	HS-057 SINK INSIDE 324	EPA 200.8	92947		
7071875058	HS-058 LWF NSIDE 300M	EPA 200.8	92947		
7071875059	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		
7071875065	HS-065 LWF INSIDE 415M	EPA 200.8	92987		
7071875066	HS-066 RWF INSIDE 415W	EPA 200.8	92987		
7071875067	HS-067 PWF FILLER INSIDE 415W	EPA 200.8	92987		
7071875068	HS-068 SINK INSIDE 422	EPA 200.8	92987		
7071875069	HS-069 SINK INSIDE 108	EPA 200.8	92987		

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WO#: 7071875

7071875

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	
Company: PSI	Report To: Same	Attention: Same	
Address: 850 Poplar Street	Copy To:	Company Name:	REGULATORY AGENCY
Pittsburgh PA 15220		Address:	NPDES / GROUND WATER / X DRINKING WATER
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:	UST / RCRA / OTHER
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool	Pace Project Manager:	Site Location STATE: PA
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:	

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	Section D Required Client Information / SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HS-001 - Outside weight room wf	DW	G	11/9/18								X							X		001
2	HS-002 - wf filler weight room																				002
3	HS-003 sink inside 061																				003
4	HS-004 wf inside 064																				004
5	HS-005 sink inside 068A first inside door																				005
6	HS-006 sink inside 068A outside for A																				006
7	HS-007 sink inside 068C Exam room																				007
8	HS-008 ~~sink~~ inside 067 fridge																				008
9	HS-009 sink inside 067																				009
10	HS-010 wf outside 069J																				010
11	HS-011 sink inside 070B																				011
12	HS-012 wf outside Attendance Office																				012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		Jaclyn Kobi/Pace L	11/5/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HS-013 Rwf outside Attendance Office	DW	G	11/9/18								X							X		013
2	HS-014 wtf filler outside Attend Office																				014
3	HS-015 Rwf outside back Auditorium																				015
4	HS-016 wtf filler outside back Auditorium																				016
5	HS-017 Rwf outside back Auditorium																				017
6	HS-018 sink inside 016																				018
7	HS-019 wf outside 20 classroom																				019
8	HS-020 sink inside 027																				020
9	HS-021 wf outside 033																				021
10	HS-022 sink inside 039																				022
11	HS-023 sink inside 035																				023
12	HS-024 sink inside 037	↓																			024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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Section A Required Client Information:

Company:	PSI
Address:	850 Poplar Street
	Pittsburgh PA 15220
Email To:	mike.kopar@psiusa.com
Phone:	412-922-4000
Fax:	412-922-4043
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Same
Copy To:	
Purchase Order No.:	08163144-14
Project Name:	Pine Richland - Highschool
Project Number:	

Section C Invoice Information:

Attention:	Same
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: PA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

				Collected: Composite Start		Collected: Composite End/Grab				Preservatives											
ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~HS-025 sink inside 039~~	DW	G	11/9/18								X							X		
2	HS-025 Lwf outside library office	↓																			025
3	HS-026 Rwf outside library office																				026
4	HS-027 sink inside library office																				027
5	HS-028L sink outside Kit C storage																				028
6	HS-029 sink to R outside Kit C storage																				029
* 7	HS-030 L kettle outside Kit C storage																				030
* 8	HS-031 Mid Kettle outside Kit C storage																				031
9	HS-032 R Kettle outside Kit C storage																				032
10	HS-033 sink kitchen outside FCA																				033
11	HS-034 sink Kitchen L of pizza oven																				034
12	HS-035 sink Kitchen R of pizza oven	↓																			035

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Alex Edmonds/ PSI	11/9/18		Jaclyn [illegible] / Pace LI	[illegible]	11:45				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HS-036 wt outside 1195	DW	G	11/9/18								X							X		036
2	HS-037 rm 120 sink kitchen 3																				037
3	HS-038 sink rm 120 kitchen 4																				038
4	HS-039 sink rm 120 kitchen 1																				039
5	HS-040 sink rm 120 kitchen 2																				040
6	HS-041 wt inside 114																				041
7	HS-042 sink inside 113																				042
8	HS-043 wt inside Administration Office																				043
9	HS-044 sink inside Staff Room																				044
10	HS-045 sink inside Dietitian Conference rm																				045
11	HS-046 Sink outside A7 Workroom																				046
12	HS-047 wt outside 111B office																				047

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18			11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Hs-048 sink inside 104A	DW	G	11/9/18								X							X		048
2	Hs-049 wt outside 100 classroom																				049
3	Hs-050 wt cafe outside FC Stor																				050
4	Hs-051 wt filler cafe outside FC Stor																				051
5	Hs-052 wt Cafe outside Student Activities																				052
6	Hs-053 wt filler Cafe outside Student admin																				053
7	Hs-054 wt inside 317M Left																				054
8	Hs-055 wt inside 317M Left filler																				055
9	Hs-056 R wt inside 317W																				056
10	Hs-057 sink inside 324																				057
11	Hs-058 L wt inside 300M																				058
12	Hs-059 L wt filler inside 300M																				059

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18			11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Matrix Codes: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓ Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HS-060 Ruf inside 300 W	DW	G	11/9/18								X							X		060
2	HS-061 wf outside 201																				061
3	HS-062 sink inside 211A																				062
4	HS-063 wf outside 212 M																				063
5	HS-064 wf filler outside 212 M																				064
6	HS-065 Lwf inside 415M																				065
7	HS-066 Ruf inside 415W																				066
8	HS-067 Ruf filler inside 415W																				067
9	HS-068 sink inside 422																				068
10	HS-069 sink inside 108	↓																			069
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		[signature] Pace	11/5/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon Receipt

WO#:7071875
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC **Proj**

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 5540

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No **Seals intact:** ☐ Yes ☐ No **Temperature Blank Present:** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other **Type of Ice:** Wet Blue ☒ None

Thermometer Used: TH091 **Correction Factor:** 0.0 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): – **Cooler Temperature Corrected (°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:** JK 11/8/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☐ Yes	☒ No	☐ 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	☒ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked.	☒ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857460				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☒ Yes	☐ No	☐ N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☒ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☒ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☒ N/A	
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.

F-LI-C-002-rev.02

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

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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-H.S. STADIUM
Pace Project No.: 7071876

Sample: HSD-001 SINK INSIDE CONCESS B **Lab ID: 7071876001** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 00:56	7439-92-1	

Sample: HSD-002 H/W DISPENSR CONCESS B **Lab ID: 7071876002** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:05	7439-92-1	

Sample: HSD-003 SINK INSIDE CONCESS A **Lab ID: 7071876003** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:21	7439-92-1	

Sample: HSD-004 H/W DISPENSR CONCESS A **Lab ID: 7071876004** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:24	7439-92-1	

Sample: HSD-005 LWF OUT WGHT TRAINING **Lab ID: 7071876005** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:27	7439-92-1	

Sample: HSD-006 RWF OUT WGHT TRAINING **Lab ID: 7071876006** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:30	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-H.S. STADIUM
Pace Project No.: 7071876

Sample: HSD-007 SINK INSIDE TEAM ROOM **Lab ID: 7071876007** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:33	7439-92-1	

Sample: HSD-008 LWF OUT HOME LCKR RM **Lab ID: 7071876008** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:36	7439-92-1	

Sample: HSD-009 RWF OUT HOME LCKR RM **Lab ID: 7071876009** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:39	7439-92-1	

Sample: HSD-010 WTR/GATORADE DISPENSER **Lab ID: 7071876010** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:42	7439-92-1	

Sample: HSD-011 LWF OUT VISIT LCKR RM **Lab ID: 7071876011** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:45	7439-92-1	

Sample: HSD-012 RWF OUT VISIT LCKR RM **Lab ID: 7071876012** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:54	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND-H.S. STADIUM
Pace Project No.: 7071876

Sample: HSD-013 LWF OUT CAMERA LOFT **Lab ID: 7071876013** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 01:57	7439-92-1	

Sample: HSD-014 RWF OUT CAMERA LOFT **Lab ID: 7071876014** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 02:00	7439-92-1	

Sample: HSD-015 SINK INSIDE SPIRIT RM **Lab ID: 7071876015** 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/01/18 02:03	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND-H.S. STADIUM
Pace Project No.: 7071876

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

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
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	7071876001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	2	2.4	103	70-130	

MATRIX SPIKE SAMPLE: 429968

Parameter	Units	7071876002 Result	Spike Conc.	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	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 429967

Parameter	Units	7071876002 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

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND-H.S. STADIUM
Pace Project No.: 7071876

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
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

WO#: 7071876

7071876

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - Highschool Stadium	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	DW	G	11/9/18								X						X			001
2																				002
3																				003
4																				004
5																				005
6																				006
7																				007
8																				008
9																				009
10																				010
11																				011
12																				012

1 HSD-001 sink inside Concess B
2 HSD-002 hotwater dispenser Concess B
3 HSD-003 sink inside Concess A
4 HSD-004 hotwater dispenser Concess A
5 HSD-005 Lwt outside Weight Training
6 HSD-006 Rwt outside Weight Training
7 HSD-007 sink inside Team Room
8 HSD-008 Lwt outside Home Locker Rm
9 HSD-009 Rwt outside Home Locker Rm
10 HSD-010 Water/Gatorade Dispenser
11 HSD-011 Lwt outside Visit Locker Rm
12 HSD-012 Rwt outside Visit Locker Rm

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18		[signature]	11/9/18	11:45	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 2227079

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: PSI	Report To: Same	Attention: Same
Address: 850 Poplar Street	Copy To:	Company Name:
Pittsburgh PA 15220		Address:
Email To: mike.kopar@psiusa.com	Purchase Order No.: 08163144-14	Pace Quote Reference:
Phone: 412-922-4000 Fax: 412-922-4043	Project Name: Pine Richland - High School Stadium	Pace Project Manager:
Requested Due Date/TAT: Standard	Project Number:	Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: PA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	HSD-013 Lwr outside Camera left	DW	G	11/9/18								X							X		013
2	HSD-014 RWR outside camera left	↓																			014
3	HSD-015 sink inside Spirit Room	↓																			015
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Alex Edmonds/ PSI	11/9/18					

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Deidre Morrison

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10/9/18

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon R

WO#:7071876
PM: JDS Due Date: 12/03/18
CLIENT: PSIC

Client Name: PSIC

Courier: X Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 5540

Custody Seal on Cooler/Box Present: ☐ Yes X No Seals intact: ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes X No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc X None ☐ Other

Type of Ice: Wet Blue (None)

Thermometer Used: TH091 Correction Factor: 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): — Cooler Temperature Corrected (°C): — Date/Time 5035A kits placed in freezer ____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (X N/A water sample) Date and Initials of person examining contents: JK 11/15/18

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes X 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:	X Yes	☐ No		1.
Chain of Custody Filled Out:	X Yes	☐ No		2.
Chain of Custody Relinquished:	X Yes	☐ No		3.
Sampler Name & Signature on COC:	☐ Yes	X No	☐ N/A	4.
Samples Arrived within Hold Time:	X Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	X No		6.
Rush Turn Around Time Requested:	☐ Yes	X No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	X Yes	☐ No		8.
Correct Containers Used:	X Yes	☐ No		9.
-Pace Containers Used:	X Yes	☐ No		
Containers Intact:	X Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	X N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	X Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	X Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	X Yes	☐ No	☐ N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	X N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	X N/A	15.
Trip Blank Present:	☐ Yes	☐ No	X N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	X N/A	
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.

F-LI-C-002-rev.02

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 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

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
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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND 12/6
Pace Project No.: 7073288

Sample: ED-52 EDEN KITCHEN KETTLE LEFT **Lab ID: 7073288001** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 09:48	7439-92-1	

Sample: ED-52F FLUSH **Lab ID: 7073288002** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:00	7439-92-1	

Sample: H-45H HANCE KIT KETTLE HOT **Lab ID: 7073288003** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:09	7439-92-1	

Sample: H-45H F FLUSH **Lab ID: 7073288004** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**1.1**	ug/L	1.0	1		12/11/18 10:18	7439-92-1	

Sample: PR 100 RICHLAND PREP SINK **Lab ID: 7073288005** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:22	7439-92-1	

Sample: PR 100F FLUSH **Lab ID: 7073288006** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:25	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PINE RICHLAND 12/6
Pace Project No.: 7073288

Sample: PR 101F RICHLAND KETTLE FLUSH **Lab ID: 7073288007** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:28	7439-92-1	

Sample: WEX-04 WEXFORD KITE KETTLE COL **Lab ID: 7073288008** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**3.3**	ug/L	1.0	1		12/11/18 10:31	7439-92-1	

Sample: WEX-04H WEXFORD KITE KETTLE H **Lab ID: 7073288009** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:34	7439-92-1	

Sample: WEX-04HF WEXFORD KIT KETTLE HF **Lab ID: 7073288010** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:37	7439-92-1	

Sample: WEX-04CF KIT KETTLE COLD FLUSH **Lab ID: 7073288011** Collected: 12/06/18 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 Method: EPA 200.8							
Lead	**<1.0**	ug/L	1.0	1		12/11/18 10:40	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: PINE RICHLAND 12/6
Pace Project No.: 7073288

QC Batch: 94299 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Associated Lab Samples: 7073288001, 7073288002, 7073288003, 7073288004, 7073288005, 7073288006, 7073288007, 7073288008, 7073288009, 7073288010, 7073288011

METHOD BLANK: 436048 Matrix: Water
Associated Lab Samples: 7073288001, 7073288002, 7073288003, 7073288004, 7073288005, 7073288006, 7073288007, 7073288008, 7073288009, 7073288010, 7073288011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	12/11/18 09:42	

LABORATORY CONTROL SAMPLE: 436049

Parameter	Units	Spike Conc.	LCS Result	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

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PINE RICHLAND 12/6
Pace Project No.: 7073288

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		

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Doc

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

WO#:7073288

7073288

Section A	Section B	Section C	
Required Client Information:	Required Project Information:	Invoice Information:	
Company: Professional Service Industries, Inc.	Report To: Michael Kopar	Attention: same	
Address: 850 Poplar Street	Copy To:	Company Name:	
Pittsburgh, PA 15220		Address:	Regulatory Agency
Email: mike.kopar@intertek.com	Purchase Order #: 08163144-14	Pace Quote:	N/A
Phone: 724 630 1713 Fax:	Project Name: Pine-Richland	Pace Project Manager: laura.pirilla@pacelabs.com,	State / Location
Requested Due Date: Standard	Project #:	Pace Profile #: 7537, 4	PA

RUSH - ASAP

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Lead 200.8	Residual Chlorine (Y/N)	
	MATRIX: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS																	N			
1	ED-52 Eden Kitchen Kettle Left	WT	G	12/6					1			1							x		001
2	ED-52F Flush	WT	G						1			1							x		002
3	H-45 H Hance Kit Kettle Hot	WT	G						1			1							x		003
4	H-45 HF Flush	WT	G						1			1							x		004
5	PR 100 Richland Prep Sink by C113	WT	G						1			1							x		005
6	PR 100F Flush	WT	G						1			1							x		006
7	PR 101F Richland Kettle Flush	WT	G						1			1							x		007
8	WEX-04 Wexford Kit Kettle Cold	WT	G						1			1							x		008
9	WEX-04H " " Hot	WT	G						1			1							x		009
10	WEX-04HF " " Hot Flush	WT	G						1			1							x		010
11	WEX-04CF Kit Kettle Cold Flush	WT	G						1			1							x		011
12		WT	G						1			1							x		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
WELR Upload Not Required	Michael Kopar / PSI	12/6		Laura Pirilla / Pace	12/7/18	1030	17.3	W	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Michael Kopar

SIGNATURE of SAMPLER: Michael Kopar

DATE Signed: 12/6/18

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Sample Condition Upon Receipt

Pace Analytical® Long Island Laboratory

WO#:7073288
PM: JDS Due Date: 12/14/18
CLIENT: PSIC

Client Name: PCSI

Project

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 4293

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No

Temperature Blank Present: ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☒ Other

Type of Ice: Wet Blue (None)

Thermometer Used: TH097 Correction Factor: 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 17.3 Cooler Temperature Corrected (°C): 17.3 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: 12/7/18 JP

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐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	☐No		7. ASAP
Sufficient Volume: (Triple volume provided for MS/MSD	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL (WT) OIL	☑Yes	☐No		12.
All containers needing preservation have been checked pH paper Lot # HC857466	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	☐Yes	☐No	☑N/A	14. Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
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.

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

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 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

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

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

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

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 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

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

Pace Analytical®
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www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 09:15 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671001
Client Sample ID.: WEX KETTLE

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:21 PM	001 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

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Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 09:05 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671002
Client Sample ID.: WEX BRAISING SKILLET

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	1.2		1	ug/L	15	02/08/2019 5:30 PM	002 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

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Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:20 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671003
Client Sample ID.: HANCE BRAGING SKILLET

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	3.7		1	ug/L	15	02/08/2019 5:33 PM	003 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

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Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:25 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671004
Client Sample ID.: HANCE KIT KETTLE

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:36 PM	004 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
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www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:45 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671005
Client Sample ID.: RICHLAND LEFT SINK

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:39 PM	005 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:48 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671006
Client Sample ID.: RICHLAND RIGHT SINK

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:42 PM	006 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
7078671

Laboratory Certifications

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

WO#:7078671

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information: 7078671

Section C Invoice Information:

Page: of

Company: PSI INTERTEK	Report To: Steve	Attention:	
Address: 850 Poplar St Pittsburgh PA 15220	Copy To:	Company Name:	
		Address:	
Email To: Mike.Kopar@intertek.com	Purchase Order No.:	Pace Quote Reference:	
Phone: 412-922-4001 Fax: x383	Project Name: Pine Richland	Pace Project Manager:	
Requested Due Date/TAT:	Project Number: 08163144-14	Pace Profile #:	

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☐ DRINKING WATER ☒ UST ☐ RCRA ☐ OTHER ☐

Site Location STATE: PA

Section D Required Client Information

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

Page 8 of 9	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: PAH	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Wok Kettle	DW	G	1/31/19	9:15				1			X						X		001
2	Wok Braising Skillet				9:05				1			X						X		002
3	Manor Braising Skillet				8:20				1			X						X		003
4	Manor Kettle				8:25				1			X						X		004
5	Richland Left Sink				8:45				1			X						X		005
6	Richland Right Sink				8:45				1			X						X		006
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Michael Kopar - PSI	2/5/19		[signature] PACE	2/6/19	9:00	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Michael Kopar

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/5/19

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon Receipt

WO#:7078671
PM: JDS Due Date: 02/20/19
CLIENT: PSIC

Client Name: PSIC Project

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 5565

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): Cooler Temperature Corrected (°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: SK 2/6/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ 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	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☑ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑ Yes	☐ No	☐ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
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.

F-LI-C-002-rev.02

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 09:15 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671001
Client Sample ID.: WEX KETTLE

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:21 PM	001 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 09:05 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671002
Client Sample ID.: WEX BRAISING SKILLET

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	1.2		1	ug/L	15	02/08/2019 5:30 PM	002 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:20 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671003
Client Sample ID.: HANCE BRAGING SKILLET

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	3.7		1	ug/L	15	02/08/2019 5:33 PM	003 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:25 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671004
Client Sample ID.: HANCE KIT KETTLE

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:36 PM	004 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

Test results meet the requirements of NELAC unless otherwise noted.

Pace Analytical®
575 Broad Hollow Road, Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:45 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671005
Client Sample ID.: RICHLAND LEFT SINK

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:39 PM	005 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).
Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

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TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested

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Sample Information:
Type: Drinking Water
Origin:

Intertek-PSI
850 Poplar Street
Pittsburgh, PA 15220
Attn To : Mike Kopar
Federal ID :
Collected : 01/31/2019 08:48 AM Point
Received : 02/06/2019 10:00 AM Location
Collected By

Lab No. : 7078671006
Client Sample ID.: RICHLAND RIGHT SINK

Analytical Method: EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Lead	<1.0		1	ug/L	15	02/08/2019 5:42 PM	006 BP3N1/1

Qualifiers:
DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.Estimated value - below calibration range
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Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 02/13/2019

John Stanton

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TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

WorkOrder :
7078671

Laboratory Certifications

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

WO#:7078671

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information: 7078671

Section C Invoice Information:

Page: of

Company: PSI INTERTEK	Report To: Steve	Attention:	
Address: 850 Poplar St Pittsburgh PA 15220	Copy To:	Company Name:	
		Address:	
Email To: Mike.Kopar@intertek.com	Purchase Order No.:	Pace Quote Reference:	
Phone: 412-922-4001 Fax: x383	Project Name: Pine Richland	Pace Project Manager:	
Requested Due Date/TAT:	Project Number: 08163144-14	Pace Profile #:	

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☐ DRINKING WATER ☒ UST ☐ RCRA ☐ OTHER ☐

Site Location STATE: PA

Section D Required Client Information

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

Page 8 of 9	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: PAH	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Wok Kettle	DW	G	1/31/19	9:15				1			X						X		001
2	Wok Braising Skillet				9:05				1			X						X		002
3	Manor Braising Skillet				8:20				1			X						X		003
4	Manor Kettle				8:25				1			X						X		004
5	Richland Left Sink				8:45				1			X						X		005
6	Richland Right Sink				8:45				1			X						X		006
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Michael Kopar - PSI	2/5/19		[signature] PACE	2/6/19	9:00	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Michael Kopar

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2/5/19

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

Pace Analytical
Long Island Laboratory

Sample Condition Upon Receipt

WO#:7078671
PM: JDS Due Date: 02/20/19
CLIENT: PSIC

Client Name: PSIC Project

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 4670 1145 5565

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): Cooler Temperature Corrected (°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: SK 2/6/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ 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	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☑ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC857466				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑ Yes	☐ No	☐ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
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.

F-LI-C-002-rev.02

LEAD IN PAINT RESULTS

Limited Lead-Based Paint Survey

Pine Richland School District
702 Warrendale Road
Gibsonia, Pennsylvania 15044

Prepared for

Pine Richland School District
702 Warrendale Road
Gibsonia, Pennsylvania 15044

Prepared by

Professional Service Industries, Inc.
850 Poplar Street
Pittsburgh, Pennsylvania 15220

PSI Project #08163144-14 pb

February 5, 2019

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

February 5, 2019

Pine-Richland School District
702 Warrendale Rd
Gibsonia, PA 15044
Attn: Mr. Gary Zang
Facilities Director

Subject: **Report of Limited Lead-Based Paint Survey**
Pine Richland School District
Elementary & Middle Schools
PSI Project No. 08163144-14

Dear Mr. Zang:

Per your request, Professional Service Industries, Inc. (PSI) has performed limited lead-based paint sampling in twenty locations throughout the Middle and Elementary Schools. The sampling was conducted on December 7, 2018.

PSI thanks you for choosing us as your consultant for this project. Please contact us at 412-922-4001 x383 if you have any questions or we may be of further service.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Michael Kopar
Project Manager

P:\0816\2018\LBP\Water Sampling\08163144 - Women for a Healthy Environ\08163144-14 Pine Richland\08163144-14 lead paint screening.docx
Cc: file

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

TABLE OF CONTENTS

LIST OF APPENDICES

850 Poplar Street
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psiusa.com

1 INTRODUCTION

Professional Service Industries, Inc. (PSI) has conducted limited lead-based paint sampling of structural components within the Middle and Elementary Schools at the Pine Richland School District. The limited lead-based paint survey was completed at the verbal request of Mr. Gary Zang, Director of Facilities.

1.1 AUTHORIZATION AND ACCESS

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

Access to the site was provided by Mr. Zang. Mr. Zang also escorted PSI during the limited assessment.

1.2 DESCRIPTION OF SURVEY AREA

This project included the following buildings:

- Middle School
- Wexford Elementary
- Richland Elementary
- Hance Elementary

1.3 PURPOSE OF SURVEY

The scope of work for the limited lead-containing paint chip survey included the collection of paint chip samples from accessible and exposed interior and exterior painted building components from the subject building. Paint chip samples were collected to provide the client with a general idea of the potential presence of lead-containing paint. The sampling was not intended to be an exhaustive survey of all paints in the building, but a representation of the type of materials and components painted with lead-containing paint.

This limited survey was not intended to meet the strict requirements of the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), the U.S. Department of Housing and Urban Development (HUD), or State regulatory requirements, except for licensing (if applicable).

1.4 USE BY THIRD PARTIES

This report was prepared pursuant to the contract PSI has with the Pine-Richland School District. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its

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client, reliance or any use of this report by anyone other than the Pine Richland School District, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to PSI's contract with the One Richland School District. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Third party reliance letters may be issued on request and upon payment of the, then current fee for such letters. All third parties relying on PSI's reports, by such reliance, agree to be bound by the proposal and PSI's General Conditions. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.

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2 METHODOLOGY

PSI requested from the client and, if provided, reviewed any prior lead-based paint inspection or survey reports, abatement records, or building specifications/drawings concerning the area to be surveyed. If such documentation was made available, PSI used this information to further focus the limited survey, if possible, and determined the year of the construction of the building(s) or area(s) surveyed.

2.1 WALK-THROUGH

PSI performed a walk-through of the survey area and documented, client designated, single-colored painted surfaces.

2.2 FIELD SURVEY AND SAMPLING

A visual assessment of the subject area was conducted by PSI's Inspector, of areas that were accessible and exposed. Following the walk-through, the inspector sampled the identified painted components for lead-based paint by collecting 'paint chips'. Testing was conducted on representative painted materials throughout the various areas. Test locations were chosen to be representative of the testing combination.

An area of approximately 1-2 square inches was extracted from coated components down to but not including the substrate. Chip samples were labeled with a unique identification number and placed in a sealed container for analysis.

PSI was not responsible for restoration, patching, repair, or painting surfaces or substrates following paint-chip sample collection. The client was advised that surfacing and finish material would be damaged if paint-chip samples were collected and PSI assumes no responsibility or liability for the repair of these damaged areas.

The paint chip samples were analyzed by flame Atomic Absorption (AA) in accordance with method EPA SW-846 7000B. The analysis was performed by PSI's American Industrial Hygiene Association (AIHA), Environmental Lead Laboratory Accreditation Program (ELLAP) accredited laboratory (AIHA #100373) in Pittsburgh, PA.

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3 FINDINGS

3.1 SAMPLING RESULTS

A total of twenty (20) paint chip samples were collected as part of the limited survey. Four (4) of the samples contained measurable concentrations of lead paint, and one (1) of the samples (MS-P6) is considered to be LBP per EPA and HUD standards. All of the other painted surfaces not tested in the subject building should be assumed to contain lead.

Following is a listing of the suspect lead paint sampled at the site, and the results of the laboratory analysis:

Sample #	Component	Substrate	Color	Location	% Pb by Weight
MS-P1	Wall	Drywall	Beige	Hall outside office in kitchen	<0.017
MS-P2	Door frame	Metal	Brown	1957 electrical room	<0.030
MS-P3	Wall	Plaster	Beige	1957 electrical room	0.13
MS-P4	Door frame	Metal	Brown	1968 c wing conf. rm.	<0.018
MS-P5	Wall	Plaster	White	1968 c wing conf. rm.	0.066
MS-P6	Beam	Metal	Rust	1997 custodial closet	**8.0**
Wex-P1	Wall	Drywall	White	1958 Room B116	<0.020
Wex-P2	Door	Wood	White	1998 custodial closet adj. to B107	<0.024
Wex-P3	Wall	Drywall	White	C104	<0.015
Rich-P1	Ceiling	Metal	Yellow	Room 002	<0.018
Rich-P2	Door frame	Metal	Green	Storage across from G004	<0.020
Rich-P3	column	Metal	Blue	Outside Comp rm.	<0.026
Rich-P4	Platform	Wood	Green	Water fountain near J103	<0.021
Rich-P5	Wall	Plaster	Yellow	J103	<0.014
Han-P1	Door	Metal	Red/brown	Closet across from library	0.16
Han-P2	Wall	Drywall	White	1957 closet	<0.022
Han-P3	Floor	Concrete	Green	1957 janitor's closet	<0.016
Han-P4	Wall	Drywall	White	2001 MDF room	<0.020
Han-P5	Wall	Drywall	White	1971 Room 120	<0.026
Han-P6	Pillar	Metal	Green	Pillar at entrance	<0.017

EPA & HUD – 0.5% Pb by weight
OSHA – any amount of lead

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3.2 REGULATIONS AND RECOMMENDATIONS

The only current Regulatory Standard for the definition of a Lead-Based Paint (LBP) is the "Federal Action Level" from the U.S. Department of Housing & Urban Development (HUD), "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", 1997 Revision. The "Federal Action Level" for a paint chip is 0.5% by weight.

The Occupational Safety & Health Administration (OSHA) does not define the amount of lead in paint to a regulatory requirement; rather the activities or task define when the regulation is in effect. Both Federal and state standards use the term "trigger task" activities. In the work place, employers must make certain assumptions of the exposure levels and comply with the regulations based on the level of disturbance rather than the lead level. The industry has interpreted this to mean that any detectable amount of lead is regulated. For example, employees who perform trigger tasks (such as manual demolition) are required to receive employer provided training, air monitoring, protective clothing, respirators, and hand washing facilities.

In addition, there are standard work practices required such as the use of wet methods and HEPA vacuums. Therefore, in order to satisfy OSHA requirements, worker protection and monitoring may be required for work activities that disturb paints that contain lead in any amount. In accordance with the OSHA Construction Standard for Lead (29 CFR 1926.62), it is the contractors' responsibility to protect their workers when an employee may be occupationally exposed to lead.

In addition, if painted materials are to be disposed off-site, they should be tested to determine if the lead in the paint is at a level considered to be a hazardous waste. This testing consists of a toxicity characteristic leaching procedure (TCLP) test.

3.3 WARRANTY

This was a limited sampling of only certain defined areas. Professional Service Industries (PSI), Inc., warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

No limited survey can wholly eliminate uncertainty regarding the potential for leaded paint or leaded paint hazards in connection with the property. The limited survey was intended to provide information regarding lead-based paints in the surveyed area. Our report is based on commonly known and reasonably ascertainable information, including limited, ground-level visual survey of the property, or a portion thereof, except where otherwise explicitly indicated. The methodologies can include reviewing information provided by other sources. PSI treats information obtained from the document reviews and/or interviews concerning the property as reliable. Therefore, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

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The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect ACM existing in the defined surveyed area at the time of the inspection. Test results are valid only for the material tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only those areas which were exposed and/or physically accessible to the Inspector. The study is also limited to the information available from the client at the time it was conducted.

No other warranties are implied or expressed.

We appreciate the opportunity to provide our services on this project and would be pleased to continue our role as your consultant for future projects. If we can be of any assistance, or if you have any questions regarding this report, please feel free to contact me at (412) 922-4001 x 383.

Sincerely Yours,
PROFESSIONAL SERVICE INDUSTRIES, INC.

Michael Kopar
Project Manager

Attachments:
Lead Paint Chip Sample Analysis
Lead Paint Chip Bulk Sample Log/Chain of Custody

ATTACHMENT

LABORATORY ANALYTICAL REPORT & CHAIN-OF-CUSTODY

PSI Information To Build On
Engineering • Consulting • Testing

Analytical Report
Analysis of Paint for Lead Determination

TESTED FOR: **PSI, Inc.**
850 Poplar Street
Pittsburgh, PA 15220
Attn: Mike Kopar

Project ID: **08163144-14**
Pine-Richland

Date Received: **12/10/2018** **Date Analyzed:** **12/17/2018** **Date of Issue:** **12/17/2018**

Analyst: Keith Potts **Work Order:** 1812192 **Page:** 1 of 2

Lab Sample #	Client Sample #	% Lead by Weight	Reporting Limit % Lead by Weight
001A	MS-P1	< 0.017	0.017
002A	MS-P2	< 0.030	0.030
003A	MS-P3	0.13	0.026
004A	MS-P4	< 0.018	0.018
005A	MS-P5	0.066	0.025
006A	MS-P6	8.0	0.021
007A	WEX-P1	< 0.020	0.020
008A	WEX-P2	< 0.024	0.024
009A	WEX-P3	< 0.015	0.015
010A	RICH-P1	< 0.018	0.018
011A	RICH-P2	< 0.020	0.020
012A	RICH-P3	< 0.026	0.026
013A	RICH-P4	< 0.021	0.021
014A	RICH-P5	< 0.014	0.014
015A	HAN-P1	0.16	0.027
016A	HAN-P2	< 0.022	0.022
017A	HAN-P3	< 0.016	0.016
018A	HAN-P4	< 0.020	0.020
019A	HAN-P5	< 0.026	0.026

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-502 mod. EPA SW846 3050B, Rev 2, 1996

Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 30µg Pb per representative subsample.

Results are based on a representative subsample of the total sample submitted by the client.

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.

Unless otherwise noted, all samples were acceptable upon receipt.

Sample results are not corrected for blanks.

All quality control sample results are within the acceptance range, unless noted.

All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.

Client submitted data is the determining factor in the accuracy of calculated results.

The attached Chain of Custody is incorporated into and becomes a part of the final report.

Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

PSI Information To Build On
Engineering • Consulting • Testing

Analytical Report
Analysis of Paint for Lead Determination

TESTED FOR: **PSI, Inc.**
850 Poplar Street
Pittsburgh, PA 15220
Attn: Mike Kopar

Project ID: **08163144-14**
Pine-Richland

Date Received: **12/10/2018** **Date Analyzed:** **12/17/2018** **Date of Issue:** **12/17/2018**

Analyst: Keith Potts **Work Order:** 1812192 **Page:** 2 of 2

Lab Sample #	Client Sample #	% Lead by Weight	Reporting Limit % Lead by Weight
020A	HAN-P6	< 0.017	0.017

Analytical & Prep Method PSI WI-506 mod. EPA SW846 7000B, Rev 2, 2007
PSI WI-502 mod. EPA SW846 3050B, Rev 2, 1996

Analysis was performed by flame AA using a PE AAnalyst 400.

Reporting limit = 30µg Pb per representative subsample.

Results are based on a representative subsample of the total sample submitted by the client.

AIHA-LAP, LLC #100373; NYELAP ID #10930; CA Lab ID #2377.

Unless otherwise noted, all samples were acceptable upon receipt.

Sample results are not corrected for blanks.

All quality control sample results are within the acceptance range, unless noted.

All results are calculated using dry weight and based on 2 significant figures. Results relate only to items tested.

Client submitted data is the determining factor in the accuracy of calculated results.

The attached Chain of Custody is incorporated into and becomes a part of the final report.

Respectfully submitted,
PSI, Inc.

Cathy McNamee

Approved Signatory
Cathy McNamee

intertek psi
Total Quality. Assured.

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PAINT CHIP SAMPLE FORM

PROJECT NO.: 08163144-14 DATE: 12/7/18

PROJECT NAME: Pnc-Richland INSPECTOR: M. Kopar

SITE ADDRESS: _____

_____

KEY (SUBSTRATE TYPE): M = Metal C = Concrete W = Wood
P = Plaster D = Drywall B = Brick

SAMPLE NUMBER	SUBSTRATE TYPE	PAINT COLOR	SAMPLE LOCATION	% LEAD BY WEIGHT
MS-P1	D	Beige	Hall outside office in Kitchen	
P2	M	Brown	1957. Door frame Electrical Rm	
P3	P	Beige	1957. Electrical Room	
P4	M	Brown	1968. C Wing Conf. Rm door frame	
P5	P	White	1968 - C Wing Conf Rm	
P6	M	Rust	1997. Custodial closet Beam	
WEX-P1	D	White over green	B116 - 1958 Addition	
P2	W	White	1998 - Cust. closet adj to B107	
P3	D	White	C104 Wall	
Rich-P1	M	Yellow	Ceiling Rm 002	
P2	M	Green	Door frame - Storage across C004	
P3	M	Blue	Column - outside Computer Rm	
P4	W	Green	Water fountain platform - J103	
P5	P	Yellow	J103 Wall	

COMMENTS: Standard TAT

INSPECTOR SIGNATURE: _____

Schmerchel 12/10/18 9a

intertek PSI
Total Quality. Assured.

1812192 2 of 2

PAINT CHIP SAMPLE FORM

PROJECT NO.: 0816144-14 DATE: 12-7-18

PROJECT NAME: Pine-Richland INSPECTOR: M-Kopar

SITE ADDRESS: _____

_____

KEY (SUBSTRATE TYPE): M = Metal C = Concrete W = Wood
P = Plaster D = Drywall B = Brick

SAMPLE NUMBER	SUBSTRATE TYPE	PAINT COLOR	SAMPLE LOCATION	% LEAD BY WEIGHT
HAN-P1	M	Red/brown	Metal door - Janitor's closet across from Library	
P2	D	White	Janitors closet - 1957	
P3	Floor-Conc.	Green	Paint on floor in J.C. (1957)	
P4	D	white	2001 - MDF Room	
P5	D	White	1971 - Rm 120	
P6	M	Green	Pillar @ entrance (outside 302)	

COMMENTS: _____

_____

_____

INSPECTOR SIGNATURE: _____

g:\0816\forms\lbp\lbp paint chip sample form.doc

SW 12/10/18 9a

INITIAL RESULTS FOR DISTRICT-WIDE RADON TESTING

Radon Detection & Control

PO Box 419/4027 Jordan St.
South Heights, PA 15081
(724)375-1700
contact@radondetectionandcontrol.com

Radon Testing Results
1/03/2019

Pine-Richland School District
702 Warrendale Rd.
Gibsonia, Pa 15044

Attention: Gary Zang

Subject: **Radon Testing Results for Pine-Richland High School, Pine-Richland Middle School, Hance Elementary School, Richland Elementary School, Wexford Elementary School and Eden Hall Upper Elementary School.**

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
High School			
Main Office	801	0.7pCi/l	
070E	802	0.3pCi/l	
067B Career Office	803	0.3pCi/l	
067 Guidance Office	804	0.3pCi/l	
068 Nurse	805	0.3pCi/l	
063S (behind pool)	806	0.3pCi/l	
063 Aux Gym	807	0.8pCi/l	
061 Athletic Dept.	808	2.0pCi/l	
060 Fitness Center	809	0.3pCi/l	
Gym 1	810	0.3pCi/l	
Gym 1	811	0.3pCi/l (duplicate)	
Gym 1 Balcony	812	0.3pCi/l	
Kitchen Office	813	0.3pCi/l	
057	814	0.9pCi/l	
Recruiting Office	815	1.1pCi/l	
053 Library Classroom	816	0.3pCi/l	
Main Cafeteria	817	0.3pCi/l	
Cafeteria Annex	818	0.3pCi/l	
Student Activity	819	0.3pCi/l	
120 FCS	820	0.3pCi/l	
120 FCS	821	0.3pCi/l (duplicate)	
120 FCS	822	0.3pCi/l (blank)	

High School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
118	823	0.3pCi/l	
116 Textile Lab	824	0.3pCi/l	
114 FCS Classroom	825	0.3pCi/l	
113 IT Support	826	0.3pCi/l	
112 A Office	827	0.3pCi/l	
Admin Office	828	0.3pCi/l	
111	829	0.3pCi/l	
104	830	0.3pCi/l	
109	831	0.3pCi/l	
108	832	0.3pCi/l	
107	833	0.3pCi/l	
107	834	0.8pCi/l (duplicate)	
106	835	0.7pCi/l	
105	836	0.7pCi/l	
330A Tech Ed	837	1.4pCi/l	
330 Tech Ed	838	0.3pCi/l	
332 Tech Ed	839	0.3pCi/l	
100	840	0.3pCi/l	
101	841	1.0pCi/l	
102	842	0.3pCi/l	
103	843	0.3pCi/l	
037	844	0.3pCi/l	
038	845	0.3pCi/l	
306	846	0.3pCi/l	
304	847	0.3pCi/l	
307 Science Lab	848	0.3pCi/l	
303	849	0.3pCi/l	
308 Project Room	850	0.3pCi/l	
308 Project Room	851	0.3pCi/l (duplicate)	
308 Project Room	852	0.3pCi/l (blank)	
309	853	0.3pCi/l	
310	854	0.3pCi/l	
311	855	0.3pCi/l	
313	856	0.3pCi/l	
314	857	0.3pCi/l	
315	858	0.3pCi/l	
316	859	0.3pCi/l	
317	860	0.3pCi/l	
318	861	0.3pCi/l	
319	862	0.3pCi/l	
319	863	0.3pCi/l (duplicate)	
319	864	0.3pCi/l (blank)	
325	865	0.3pCi/l	
324	866	0.3pCi/l	

High School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
323	867	0.3pCi/l	
322	868	0.3pCi/l	
321	869	0.3pCi/l	
327	870	0.3pCi/l	
328	871	0.3pCi/l	
331	872	0.3pCi/l	
047	873	0.3pCi/l	
049	874	0.3pCi/l	
048	875	0.3pCi/l	
048	876	0.3pCi/l (duplicate)	
050	877	0.3pCi/l	
Auditorium Front	878	0.3pCi/l	
Auditorium Back	879	0.3pCi/l	
049A Media Center	880	0.3pCi/l	
Library	881	0.3pCi/l	
052-2	882	0.3pCi/l	
001 Music	883	0.3pCi/l	
002 Music	884	0.3pCi/l	
003 Music	885	1.1pCi/l	
004	886	0.3pCi/l	
004	887	0.6pCi/l (duplicate)	
004	888	0.3pCi/l (blank)	
005	889	0.3pCi/l	
7A TV Studio	890	0.3pCi/l	
008 Planetarium	891	0.3pCi/l	
009	892	0.3pCi/l	
011	893	0.3pCi/l	
012	894	0.3pCi/l	
010	895	0.3pCi/l	
013/016	896	0.3pCi/l	
017	897	0.3pCi/l	
017	898	0.3pCi/l (duplicate)	
018	899	0.3pCi/l	
019	900	0.3pCi/l	
020	501	0.3pCi/l	
021	502	0.3pCi/l	
022	503	0.3pCi/l	
023	504	0.3pCi/l	
024	505	0.3pCi/l	
025	506	0.3pCi/l	

High School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
026	507	0.3pCi/l	
027A	508	0.3pCi/l	
029	509	0.3pCi/l	
030	510	0.3pCi/l	
031	511	0.3pCi/l	
031	512	0.3pCi/l (duplicate)	
031	513	0.3pCi/l (blank)	
032	514	0.3pCi/l	
033	515	0.3pCi/l	
035	516	0.3pCi/l	
039/040	517	0.3pCi/l	
041	518	0.3pCi/l	
042	519	1.6pCi/l	
043	520	0.7pCi/l	
044	521	0.3pCi/l	
045	522	0.3pCi/l	
203	523	0.3pCi/l	
204	524	0.3pCi/l	
204	525	0.3pCi/l (duplicate)	
218	526	0.3pCi/l	
213	527	0.3pCi/l	
425	528	0.3pCi/l	
417	529	0.3pCi/l	
404	530	0.3pCi/l	
404	531	0.3pCi/l (duplicate)	
404	532	0.3pCi/l (blank)	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Middle School			
Main Office	533	0.3pCi/l	
Conference Room	534	0.3pCi/l	
Music Room	535	0.3pCi/l	
Orchestra Room	536	0.3pCi/l	
Stage Area	537	0.3pCi/l	
Auditorium	538	0.3pCi/l	
Instrumental Music	539	0.3pCi/l	
Computer Lab	540	0.3pCi/l	
101	541	0.3pCi/l	
102	542	0.3pCi/l	
102	543	0.3pCi/l (duplicate)	
Copy Room	544	0.3pCi/l	

Middle School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Library Front	545	0.3pCi/l	
Library Back	546	0.3pCi/l	
103	547	0.3pCi/l	
GATE Office	548	0.3pCi/l	
Cafeteria	549	0.3pCi/l	
Kitchen Office	550	0.3pCi/l	
104	551	0.3pCi/l	
105	552	0.3pCi/l	
106	553	0.3pCi/l	
106	554	0.3pCi/l (duplicate)	
106	555	0.3pCi/l (blank)	
107	556	0.3pCi/l	
413	557	0.3pCi/l	
412	558	0.3pCi/l	
411	559	0.3pCi/l	
410	560	0.3pCi/l	
408	561	0.3pCi/l	
407	562	0.3pCi/l	
406	563	0.3pCi/l	
405	564	Missing	
404	565	0.3pCi/l	
404	566	0.3pCi/l (duplicate)	
403	567	0.3pCi/l	
402	568	0.3pCi/l	
401	569	Missing	
400	570	0.3pCi/l	
313	571	0.3pCi/l	
312	572	0.3pCi/l	
311	573	0.3pCi/l	
Speech Therapy	574	0.3pCi/l	
309	575	0.3pCi/l	
310	576	0.3pCi/l	
310	577	0.3pCi/l (duplicate)	
310	578	0.3pCi/l (blank)	
307	579	0.3pCi/l	
308	580	0.3pCi/l	
305	581	0.3pCi/l	
306	582	0.3pCi/l	
304	583	0.3pCi/l	
302	584	Missing	
303	585	Missing	
301	586	0.3pCi/l	

Middle School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Production Tech	587	0.3pCi/l	
Design Tech	588	0.3pCi/l	
Design Tech	589	0.3pCi/l (duplicate)	
Art	590	0.3pCi/l	
FCS2	591	0.3pCi/l	
FCS1	592	0.3pCi/l	
Art 1	593	0.3pCi/l	
300	594	0.3pCi/l	
201	595	0.3pCi/l	
202	596	0.3pCi/l	
Aux Gym	597	0.3pCi/l	
200	598	0.3pCi/l	
Main Gym	599	0.3pCi/l	
203	600	0.3pCi/l	
204	601	0.3pCi/l	
204	602	0.3pCi/l (duplicate)	
204	603	0.3pCi/l (blank)	
205	604	0.3pCi/l	
206	605	0.3pCi/l	
207	606	0.3pCi/l	
208	607	0.3pCi/l	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Wexford Elementary			
Main Office	608	0.3pCi/l	
Cafeteria	609	0.3pCi/l	
Kitchen Office	610	0.3pCi/l	
A107 Comm. Room	611	0.3pCi/l	
A110 Tech Resource	612	0.3pCi/l	
Library	613	0.3pCi/l	
B105	614	0.3pCi/l	
B104	615	0.3pCi/l	
B103	616	0.3pCi/l	
B106	617	0.3pCi/l	
B106	618	0.3pCi/l (duplicate)	
B108	619	0.3pCi/l	
B107	620	0.7pCi/l	
B110	621	0.3pCi/l	
B112	622	0.3pCi/l	
B124	623	0.3pCi/l	
B116	624	0.3pCi/l	

Wexford Elementary Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
B117	625	0.7pCi/l	
B118	626	0.9pCi/l	
B119	627	0.8pCi/l	
B121	628	0.3pCi/l	
B121	629	0.3pCi/l (duplicate)	
B121	630	0.3pCi/l (blank)	
B120	631	0.9pCi/l	
Staff Room	632	0.3pCi/l	
C110	633	0.3pCi/l	
C111	634	0.3pCi/l	
C105 Art	635	0.9pCi/l	
C112	636	0.3pCi/l	
C104	637	0.9pCi/l	
C120	638	1.5pCi/l	
C118	639	0.3pCi/l	
C119	640	0.3pCi/l	
C119	641	0.3pCi/l (duplicate)	
C117	642	1.6pCi/l	
C121	643	2.1pCi/l	
C101	644	0.3pCi/l	
C102	645	0.3pCi/l	
C103	646	0.3pCi/l	
C128	647	0.3pCi/l	
C129	648	0.3pCi/l	
C135	649	0.3pCi/l	
C136	650	0.3pCi/l	
C130	651	0.3pCi/l	
C130	652	0.3pCi/l (duplicate)	
C130	653	0.3pCi/l (blank)	
D114	654	0.3pCi/l	
D11A	655	0.3pCi/l	
Gym	656	0.3pCi/l	
Stage	657	0.3pCi/l	
D110 Nurse	658	0.3pCi/l	
Maintenance Room	659	0.3pCi/l	
Maintenance Room	660	0.3pCi/l (duplicate)	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Eden Hall Primary School			
505	701	1.3pCi/l	
503	702	1.7pCi/l	
523	703	0.3pCi/l	
521	704	0.7pCi/l	
508	705	0.3pCi/l	
502	706	1.9pCi/l	
524	707	0.3pCi/l	
531	708	1.3pCi/l	
522	709	0.8pCi/l	
532	710	2.0pCi/l	
533	711	0.3pCi/l	
534	712	0.7pCi/l	
833	713	0.3pCi/l	
808	714	0.9pCi/l	
813	715	0.9pCi/l	
513	716	2.1pCi/l	
514	717	1.2pCi/l	
512	718	1.9pCi/l	
823	719	0.3pCi/l	
511	720	2.2pCi/l	
Mech Room 502/402	721	3.3pCi/l	
402	722	0.3pCi/l	
404	723	0.3pCi/l	
Media Center	724	0.5pCi/l	
Media Center	725	0.3pCi/l (duplicate)	
401	726	1.1pCi/l	
401	727	0.3pCi/l (blank)	
305	728	2.5pCi/l	
303	729	1.3pCi/l	
308	730	3.8pCi/l	
312	731	3.2pCi/l	
314	732	3.4pCi/l	
313	733	0.3pCi/l	
302	734	1.0pCi/l	
311	735	1.6pCi/l	
605	736	3.0pCi/l	
612	737	0.3pCi/l	
605	738	3.8pCi/l (duplicate)	
624	739	3.4pCi/l	
632	**740**	**4.6pCi/l***	
333	**741**	**22.1pCi/l***	
332	**742**	**23.5pCi/l***	
331	**743**	**13.2pCi/l**	

Eden Hall Primary School Continued

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
334	**744**	**17.1pCi/l***	
324	745	3.6pCi/l	
323	746	3.7pCi/l	
321	**747**	**5.7pCi/l***	
322	748	0.3pCi/l (blank)	
322	**749**	**4.9pCi/l***	
325	**750**	**5.0pCi/l***	
221	751	0.3pCi/l	
221	752	0.3pCi/l (duplicate)	
241 Art	753	0.3pCi/l	
220	754	0.7pCi/l	
231	755	1.1pCi/l	
242 Art	756	1.3pCi/l	
243	757	1.4pCi/l	
125	758	2.2pCi/l	
Cafeteria	**759**	**6.4pCi/l***	
Cafeteria	**760**	**8.3pCi/l***	
Kitchen	**761**	**5.8pCi/l***	
135	762	2.7pCi/l	
135	763	2.7pCi/l (duplicate)	
131	**764**	**4.8pCi/l***	
Gym	765	1.4pCi/l	
129	766	1.0pCi/l	
104	767	0.9pCi/l	
209	768	1.8pCi/l	
110	769	0.3pCi/l (blank)	
Gym	770	1.8pCi/l	
121 & 122	771	0.3pCi/l	
103	772	1.5pCi/l	
110	773	1.7pCi/l	
206	774	0.3pCi/l	
201	775	0.3pCi/l	
209	776	2.2pCi/l (duplicate)	
201	777	0.3pCi/l (duplicate)	
106	778	0.7pCi/l	
110	779	1.3pCi/l	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Richland Elementary			
109F Nurse	780	0.3pCi/l	
Lobby Area	781	0.3pCi/l	
Lobby Area	782	0.3pCi/l (duplicate)	
109E Principal	783	0.3pCi/l	
109B Work Room	784	0.3pCi/l	
109D Conference Room	785	0.3pCi/l	
112	786	0.3pCi/l	
114	787	0.3pCi/l	
118	788	0.3pCi/l	
010	789	0.3pCi/l	
109C Office	790	0.3pCi/l	
120	791	0.3pCi/l (duplicate)	
116	792	0.3pCi/l	
120	793	0.3pCi/l	
013	794	0.3pCi/l	
007	795	0.3pCi/l	
014 Student Srv.	796	0.3pCi/l	
012 Staff Dvlp.	797	0.3pCi/l	
015	798	0.3pCi/l	
009	799	0.3pCi/l	
008	800	0.3pCi/l	
219	801	0.3pCi/l	
219	802	0.3pCi/l (duplicate)	
219	803	0.3pCi/l (blank)	
105	804	0.3pCi/l	
104	805	0.3pCi/l	
214	806	0.3pCi/l	
211	807	0.3pCi/l	
206	808	0.3pCi/l	
A105 Speech Therapy	809	0.3pCi/l	
A106 Conference	810	0.3pCi/l	
107	811	0.3pCi/l	
201	812	0.3pCi/l	
103	813	0.3pCi/l	
106	814	0.3pCi/l	
107	815	0.3pCi/l (duplicate)	
108 Library	816	0.3pCi/l	
108 Library	817	0.3pCi/l	
110 Computer Room	818	0.3pCi/l	
101 Music Room	819	0.3pCi/l	
100	820	0.8pCi/l	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Richland Elementary			
102A Auditorium	821	0.3pCi/l	
102A Auditorium	822	0.3pCi/l	
100D	823	1.4pCi/l	
100C	824	1.3pCi/l	
100C	825	1.1pCi/l (duplicate)	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Hance Elementary			
100C	**826**	**7.1pCi/l***	
100 Office	**827**	**5.0pCi/l***	
102A Nurse	**828**	**6.7pCi/l***	
103A Kitchen Office	**829**	**8.7pCi/l***	
101 Cafeteria	**830**	**6.9pCi/l***	
101 Cafeteria	**831**	**5.9pCi/l***	
113 Music	832	0.7pCi/l	
103 Kitchen	**833**	**4.6pCi/l***	
112	834	1.4pCi/l	
106	**835**	**7.1pCi/l***	
124	**836**	**6.3pCi/l***	
108	837	0.9pCi/l	
107	838	0.9pCi/l	
118	**839**	**6.4pCi/l***	
120	840	0.3pCi/l	
111	**841**	**5.5pCi/l***	
111	**842**	**5.5pCi/l* (duplicate)**	
126 Reading	843	1.3pCi/l	
117	844	3.5pCi/l	
105	**845**	**8.8pCi/l***	
115 Computer	**846**	**6.5pCi/l***	
136	**847**	**5.8pCi/l***	
114 Library	**848**	**6.8pCi/l***	
104 Gym	849	3.5pCi/l	
104 Gym	**850**	**5.4pCi/l***	
110	851	1.5pCi/l	
109	852	0.3pCi/l	
124	**853**	**5.3pCi/l* (duplicate)**	
119	854	0.3pCi/l	
137	**855**	**7.0pCi/l***	
114 Library	**856**	**7.1pCi/l***	
124	**857**	**0.3pCi/l* (blank)**	
116	**858**	**6.7pCi/l***	

School/Area	Test#	Result	Dates Tested
			12/04/2018-12/06/2018
Hance Elementary			
121	859	0.3pCi/l	
122	**860**	**5.1pCi/l***	
129	861	0.3pCi/l	
130	862	1.3pCi/l	
126 Reading	863	1.8pCi/l (duplicate)	
127	864	0.3pCi/l	
131	865	1.6pCi/l	
128	866	0.3pCi/l	
134	**867**	**8.6pCi/l***	
132	868	0.9pCi/l	
133	869	3.9pCi/l	
135	**870**	**9.2pCi/l***	
137	**871**	**7.9pCi/l***	
139	**872**	**4.1pCi/l***	
137	**873**	**0.3pCi/l* (blank)**	
140	874	1.9pCi/l	
138	875	3.3pCi/l	
141	876	1.9pCi/l	
145	**877**	**9.8pCi/l***	
143	878	3.0pCi/l	
144	**879**	**24.0pCi/l***	
142	**880**	**5.9pCi/l***	
144	**881**	**23.5pCi/l***	

End of Results

Radon Detection & Control

PO Box 419/4027 Jordan St.
South Heights, PA 15081
(724)375-1700
contact@radondetectionandcontrol.com

Radon Testing Results
1/03/2019

Pine-Richland School District
702 Warrendale Rd.
Gibsonia, Pa 15044

Attention: Gary Zang

Subject: **Radon Testing Results for Pine-Richland High School, Pine-Richland Middle School, Hance Elementary School, Richland Elementary School, Wexford Elementary School and Eden Hall Upper Elementary School.**

Summary

Most of the testing done at Hance Elementary indicate higher than normal radon levels. Mitigation of this building is recommended. Some of the areas at Eden Hall also show high levels of radon. Mitigation of these areas and further testing is recommended at this location. The High School, Middle School and Richland Elementary all have lower radon levels. No further action is needed at this time. EPA recommends all buildings be tested at least once every two years.

Duplicates and Blank Measurements

Duplicate measurements: Duplicates provide a check on the quality of the measurement result, and allow the user to make an estimate of the relative precision. They are placed side by side during exposure and are sent to the laboratory the same as any other test.

Blank measurements: These tests are placed in the field unopened to check the laboratory for accuracy from background exposure during shipment.

Summary prepared by:
Ron Garofalo
Field Testing Supervisor
PA DEP#8379

SECOND RESULTS OF ADDITIONAL HOUR RADON TESTS
FOR HANCE ELEMENTARY AND EDEN HALL UPPER ELEMENTARY

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1211549
DATE RECEIVED: 01/22/2019
REPORT DATE: 01/24/2019

BRUCE RIEMER
700 WARRENDALE RD
GIBSONIA, PA 15044

TEST LOCATION
3900 BAKERSTOWN RD
ALLEGHENY
GIBSONIA, PA 15044

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4566026	1ST FLOOR CLASS RM. 333	Jan 16, 2019 8:00 AM	Jan 18, 2019 8:00 AM	Jan 23, 2019 8:51 PM	15.4 pCi/L
4583407	1ST FLOOR CLASS RM 333	Jan 16, 2019 8:00 AM	Jan 18, 2019 8:00 AM	Jan 23, 2019 9:01 PM	20.9 pCi/L

THE EPA RECOMMENDS THAT YOU FIX YOUR HOME IF THE RADON LEVEL IS 4 PICOCURIES (PCI/L) OR HIGHER.
Please read the EPA Citizen's Guide to Radon at www.epa.gov/radon/pubs/citguide.html. Residents of New Jersey should read "Radon Testing and Mitigation: The Basics" at http://njradon.org/download/mitbas.pdf. Radon levels less than 4 pCi/L still pose a risk. You may want to take additional measurements because radon levels can vary with the seasons. You may also want to consider doing a long term test to determine the average radon concentrations over a longer period of time. If the radon level is 4.0 pCi/L or higher you should perform either a long-term test or a second short-term test. If the radon level is higher than 10 pCi/L you should perform a second short-term test immediately. **If you would like to learn how to lower your radon levels, or have other questions, please contact your state radon office at (800) 237-2366.**

NOTICE TO CLIENTS IN THE STATE OF PENNSYLVANIA
The Radon Certification Act requires that anyone who provides any radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Resources. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services and products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, please contact the Pennsylvania Bureau of Radiation Protection, 400 Market Street, RCSOB 13th Floor, Harrisburg, PA 17101, (717) 783-3594.

Jose Figueroa

Jose Figueroa, RMS
NRPP CERT# 109347
NRSB CERT # 18SS007
PA CERT #3324

PRO-LAB NRSB # ARL0028
PRO-LAB NEHA ID # 101461AL
PRO-LAB PA CERT # 2327

James E. McDonnell IV

program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1211554
DATE RECEIVED: 01/22/2019
REPORT DATE: 01/24/2019

BRUCE RIEMER
700 WARRENDALE RD
GIBSONIA, PA 15044

TEST LOCATION
3900 BAKERSTOWN RD
ALLEGHENY
GIBSONIA, PA 15044

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4661111	1ST FLOOR CLASS RM. 332	Jan 16, 2019 8:02 AM	Jan 18, 2019 8:02 AM	Jan 23, 2019 8:08 PM	11.5 pCi/L
1660300	1ST FLOOR CLASS RM 332	Jan 16, 2019 8:02 AM	Jan 18, 2019 8:02 AM	Jan 23, 2019 8:18 PM	10.9 pCi/L

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PRO-LAB PA CERT # 2327

James E. McDonnell IV

program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1211553
DATE RECEIVED: 01/22/2019
REPORT DATE: 01/24/2019

BRUCE RIEMER
700 WARRENDALE RD
GIBSONIA, PA 15044

TEST LOCATION
5518 MULNAR DR
ALLEGHENY
GIBSONIA, PA 15044

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4527115	1ST FLOOR CLASS RM144	Jan 16, 2019 8:25 AM	Jan 18, 2019 8:25 AM	Jan 23, 2019 8:29 PM	18.1 pCi/L
4527194	BASEMENT CLASS RM 144	Jan 16, 2019 8:25 AM	Jan 18, 2019 8:25 AM	Jan 23, 2019 8:40 PM	16.5 pCi/L

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PRO-LAB NEHA ID # 101461AL
PRO-LAB PA CERT # 2327

James E. McDonnell IV

program revision #: 031413

RETEST RESULTS FOR ROOMS AT EDEN HALL UPPER ELEMENTARY AND ROOM AT HANCE ELEMENTARY FOLLOWING INSTALLATION OF MITIGATION SYSTEM

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1219758
DATE RECEIVED: 02/26/2019
REPORT DATE: 02/28/2019

BRUCE RIEMER
700 WARRENDALE RD.
GIBSONIA, PA 15044

TEST LOCATION
700 WARRENDALE RD.
ALLEGHENY
GIBSONIA, PA

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4623358	1ST FLOOR CLASS RM. 144	Feb 22, 2019 4:30 PM	Feb 25, 2019 7:40 AM	Feb 27, 2019 1:36 AM	1.1 pCi/L
4622977	1ST FLOOR CLASS RM. 144	Feb 22, 2019 4:30 PM	Feb 25, 2019 7:40 AM	Feb 27, 2019 1:46 AM	1.3 pCi/L

AVERAGE RADON LEVEL (average result of two tests) : **1.2 pCi/L**

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PRO-LAB NEHA ID # 101461AL
PRO-LAB PA CERT # 2327

James E. McDonnell IV

program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1219759
DATE RECEIVED: 02/26/2019
REPORT DATE: 02/28/2019

BRUCE RIEMER
700 WARRENDALE RD.
GIBSONIA, PA 15044

TEST LOCATION
700 WARRENDALE RD.
ALLEGHENY
GIBSONIA, PA 15044

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4531093	1ST FLOOR CLASS RM.333	Feb 23, 2019 6:34 AM	Feb 25, 2019 8:43 AM	Feb 27, 2019 1:56 AM	0.6 pCi/L
4531354	1ST FLOOR CLASS RM.333	Feb 23, 2019 6:34 AM	Feb 25, 2019 8:43 AM	Feb 27, 2019 2:06 AM	0.8 pCi/L

AVERAGE RADON LEVEL (average result of two tests) : **0.7 pCi/L**

THE EPA RECOMMENDS THAT YOU FIX YOUR HOME IF THE RADON LEVEL IS 4 PICOCURIES (PCI/L) OR HIGHER.
Please read the EPA Citizen's Guide to Radon at www.epa.gov/radon/pubs/citguide.html. Residents of New Jersey should read "Radon Testing and Mitigation: The Basics" at http://njradon.org/download/mitbas.pdf. Radon levels less than 4 pCi/L still pose a risk. You may want to take additional measurements because radon levels can vary with the seasons. You may also want to consider doing a long term test to determine the average radon concentrations over a longer period of time. If the radon level is 4.0 pCi/L or higher you should perform either a long-term test or a second short-term test. If the radon level is higher than 10 pCi/L you should perform a second short-term test immediately. **If you would like to learn how to lower your radon levels, or have other questions, please contact your state radon office at (800) 237-2366.**

NOTICE TO CLIENTS IN THE STATE OF PENNSYLVANIA
The Radon Certification Act requires that anyone who provides any radon-related service or product to the general public must be certified by the Pennsylvania Department of Environmental Resources. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services and products offered. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, please contact the Pennsylvania Bureau of Radiation Protection, 400 Market Street, RCSOB 13th Floor, Harrisburg, PA 17101, (717) 783-3594.

Jose Figueroa, RMS
NRPP CERT# 109347 RT
NRSB CERT # 18SS007
PA CERT #3324

PRO-LAB NRSB # ARL0028
PRO-LAB NEHA ID # 101461AL
PRO-LAB PA CERT # 2327

James E. McDonnell IV

program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1219760
DATE RECEIVED: 02/26/2019
REPORT DATE: 02/28/2019

BRUCE RIEMER
700 WARRENDALE RD.
GIBSONIA, PA 15044

TEST LOCATION
700 WARRENDALE RD.
ALLEGHENY
GIBSONIA, PA 15044

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HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4622870	1ST FLOOR CLASS RM.334	Feb 23, 2019 6:31 AM	Feb 25, 2019 8:42 AM	Feb 27, 2019 2:16 AM	0.7 pCi/L
4623274	1ST FLOOR CLASS RM.334	Feb 23, 2019 6:31 AM	Feb 25, 2019 8:42 AM	Feb 27, 2019 2:26 AM	0.7 pCi/L

AVERAGE RADON LEVEL (average result of two tests) : **0.7 pCi/L**

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James E. McDonnell IV

program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1219761
DATE RECEIVED: 02/26/2019
REPORT DATE: 02/28/2019

BRUCE RIEMER
700 WARRENDALE RD.
GIBSONIA, PA 15044

TEST LOCATION
700 WARRENDALE RD.
ALLEGHENY
GIBSONIA, PA 15044

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HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4623250	1ST FLOOR CLASS RM.332	Feb 23, 2019 6:38 AM	Feb 25, 2019 8:45 AM	Feb 27, 2019 1:16 AM	1.1 pCi/L
4622936	1ST FLOOR CLASS RM.332	Feb 23, 2019 6:38 AM	Feb 25, 2019 8:45 AM	Feb 27, 2019 1:26 AM	0.9 pCi/L

AVERAGE RADON LEVEL (average result of two tests) : **1.0 pCi/L**

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program revision #: 031413

RADON ANALYSIS REPORT

PRO-LAB™
1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1222436
DATE RECEIVED: 03/11/2019
REPORT DATE: 03/13/2019

BRUCE RIEMER
700 WARRENDALE RD.
GIBSONIA, PA 15044

TEST LOCATION
700 WARRENDALE RD.
ALLEGHENY
GIBSONIA, PA 15044

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HERE ARE YOUR TEST RESULTS

VIAL #	ROOM TESTED	DATE OPENED	DATE CAPPED	DATE ANALYZED	RADON LEVEL
4756224	1ST FLOOR CLASS RM 331	Mar 06, 2019 6:35 AM	Mar 08, 2019 6:38 AM	Mar 12, 2019 11:19 PM	0.9 pCi/L
4756150	1ST FLOOR CLASS RM 331	Mar 06, 2019 6:35 AM	Mar 08, 2019 6:38 AM	Mar 12, 2019 11:09 PM	0.7 pCi/L

AVERAGE RADON LEVEL (average result of two tests) : **0.8 pCi/L**

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