

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

June 27, 2024

#### **Butler County AVTS**

210 Campus Lane Butler, PA 16001

Attn: Mr. Nick Colonello

Re: Potable Water Lead Screening

**Butler County AVTS** 

Butler, Butler County, Pennsylvania

PSI Project No. 08166037-1

Dear Mr. Colonello:

In accordance with your request and authorization, Professional Service Industries, Inc. (PSI), an Intertek company, conducted a lead water screening of client-defined potable water sources at the Butler County AVTS facility. PSI's sampling included 45 "first draw" samples and 15 water samples tested for Legionella on June 6, 2024.

PSI was given authorization to conduct the lead-in-water screening on June 6, 2024, referencing PSI Proposal 0816-424419 dated April 26, 2024.

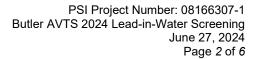
#### **SCOPE**

Water samples were collected from the identified potable water outlets selected by the client. The samples were collected from potable water sources, including faucets, water fountains, and ice machines. Forty-five (45) "first draw" samples were collected on June 6, 2024. 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 forty-five (45) samples collected, lead was detected above the analytical detection limit in thirty-one (31) of the samples. Of the 31 samples where lead was detected, three (3) had a lead concentration above the EPA Action Level of 15.0 ppb, two of which exceeded the EPA recommended upper limit of 20.0 ppb. The samples that exceeded the Action Level were samples BVT-13 Cosmo laundry sink (24.6 ppb); BVT-27 Hose Bib 2 (16.5 ppb); and BVT-29 Dining sink (200 ppb).

#### **METHODOLOGY**

PSI's inspectors collected a total of 45 "first draw" water samples from potable drinking water outlets on June 6, 2024. The "first draw" water samples were collected directly from water fountains, faucets, and ice machines 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<sub>3</sub> preservative solution.







The samples were packed in a cooler and transmitted under chain of custody to Microbac Laboratories Inc. located at 100 Marshall Drive in Warrendale, Pennsylvania for analysis. This laboratory is a PA certified drinking water laboratory (PA Cert # 02-00257) accredited by the PA Department of Environmental Protection (PA DEP). The samples were analyzed for lead 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 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 90<sup>th</sup> percentile level of tap water samples (1 L samples).

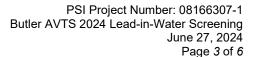
#### **Public Water Supply Testing vs. Testing at Schools**

- 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 analytical detection limit in 31 of the 45 samples collected, however, three of these samples had a lead concentration above the EPA Action Level of 15.0 ppb.

The three locations where lead was detected above the EPA Action Level were

- BVT-13 Cosmo Laundry Sink 24.6 ppb
- BVT-27 Hose Bib 2 16.5 ppb
- BVT-29 Dining Sink 200 ppb





#### **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 90<sup>th</sup> 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. Based upon the analytical results, three locations exceed the EPA action level of 15.0 ppb, with two of the samples exceeding the upper recommended limit of 20.0 ppb. The two outlets that exceeded the upper recommended limit of 20.0 ppb should be isolated and removed from service until it can be remediated and re-sampled or labeled as non-potable. No further action is recommended for the other locations sampled at this time.

#### **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.

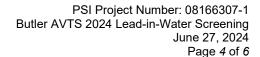
If any changes are made in the plumbing system, PSI recommends testing the outlets prior to regular use.

#### 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 412-922-4001 x 0383 should you have any questions regarding this report.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Michael Kopar Project Manager Greg Chambliss, RIPH Principal Consultant

p:\0816\2024\lead in water\08166037-1 butler vo tech\0816037 lead-in-water screening 2024.docx

Attachments: Drinking Water Sampling Tables

Laboratory Analysis Report & Chain of Custody Records



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

# TABLE 1.0 DRINKING WATER SAMPLES Butler County AVTS Sample Dates: June 6, 2024

Sample No.	Source	Sample Location	June 6, 2024 Analytical Result (Pb) (ug/L = ppb)
BVT-1	Faucet	Directors Office	0.522
BVT-2	Faucet	Large Conference Sink	2.32
BVT-3	Ice	Large Conference Fridge	< 0.400
BVT-4	Faucet	Cosmo Upper stairs Sink	2.20
BVT-5	BF	Admin Hall BF2	<0.400
BVT-6	BF	Admin Hall BF1	1.38
BVT-7	Faucet	Nurse Office Sink	1.60
BVT-8	WF	Health WF	< 0.400
BVT-9	Faucet	Health Sink 1	1.51
BVT-10	Faucet	Health Sink 2	1.47
BVT-11	Faucet	Health Sink 3	1.74
BVT-12	Faucet	Health Sink 4	10.9
BVT-13	Faucet	Cosmo Downstairs Sink	24.6
BVT-14	Faucet	Bakery Sink 1	0.465
BVT-15	Faucet	Bakery Sink 2	3.64
BVT-16	BF	Bakery Sink 3	2.47
BVT-17	BF	Admin Downstairs Hall BF1	< 0.400
BVT-18	Faucet	Kitchen Sink 1	2.02
BVT-19	Faucet	Kitchen Sink 2	4.38
BVT-20	Faucet	Kitchen Sink 3	4.83
BVT-21	Coffee Machine	Kitchen Coffee	< 0.400
BVT-22	Ice	Ice Machine	< 0.400
BVT-23	Tilt Skillet	Kitchen Tilt Skillet	1.45
BVT-24	Sink	3 Bowl	1.30
BVT-25	Sink	Convo Oven #2	0.663





#### **TABLE 1.0 DRINKING WATER SAMPLES Butler County AVTS** Sample Dates: June 6, 2024

Sample No.	Source	Sample Location	6-21-22 Analytical Result (Pb) (ug/L = ppb)
BVT-26	Hose	Kitchen Hose Bib 1	1.93
BVT-27	Hose	Kitchen Hose Bib 2	16.5
BVT-28	Faucet	Hand Sink	8.67
BVT-29	Faucet	Dining sink	200
BVT-30	BF	Protective Services BF	< 0.400
BVT-31	BF	Welding 2 BF	< 0.400
BVT-32	BF	Auto Tech BF	< 0.400
BVT-33	BF	Auto Body BF	1.35
BVT-34	BF	Welding 1 BF	< 0.400
BVT-35	WF	Machine WF	< 0.400
BVT-36	BF	Machine Hall BF	2.15
BVT-37	BF	Computer Lab BF	< 0.400
BVT-38	BF	Building Construction BF	2.40
BVT-39	Faucet	Upper Faculty Sink	0.465
BVT-40	BF	Heavy Equipment BF2	1.07
BVT-41	Faucet	Computer Networking Sink	3.86
BVT-42	BF	Computer Networking BF	2.49
BVT-43	BF	Heavy Equipment BF2	< 0.400
BVT-44	Ice	Sports Medicine Ice	0.631
BVT-45	BF	Heavy Equipment Shop BF	< 0.400

**Bolded** results exceeded the EPA Recommended Action Level of 20 ug/L (Pb) or the NY State Action Level of 15 ppb.
BF – Bottle Filler





#### CERTIFICATE OF ANALYSIS

A4F0803

Intertek-PSI

Project Name: #08166037 Butler VO Tech

**Collection Date:** 

Mike Kopar 850 Poplar ST Pittsburgh, PA 15220 Project / PO Number: 5242069 Received: 06/06/2024

Reported: 06/13/2024

#### **Analytical Testing Parameters**

Client Sample ID: BVT-1 Director
Sample Matrix: Drinking Water
Lab Sample ID: A4F0803-01

Collected By: Mike Kopar

06/06/2024 7:58

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 0.522 15 0.400 ug/L 06/11/24 1822 06/11/24 1822 SEV

Client Sample ID: BVT-2 Lg Conf. Sink

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-02Collection Date:06/06/2024 8:00

Metals Total by ICPMS Result Limit(s) RL Units Note Analyst Prepared Analyzed Method: EPA 200.8, Rv. 5.4 (1994) Lead 2.32 15 0.400 ug/L 06/11/24 1832 06/11/24 1832 SEV

Client Sample ID: BVT-3 Lg. Conf. Frig.

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-03Collection Date:06/06/20248:02

**Metals Total by ICPMS** Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 0.400 Lead < 0.400 15 ug/L 06/11/24 1835 06/11/24 1835 SEV

Client Sample ID: BVT-4 Cosmo Upper

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-04Collection Date:06/06/2024 8:06

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead 2.20 15 0.400 ug/L 06/11/24 1837 06/11/24 1837 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

Client Sample ID:	BVT-5 Admin Hall BF 2
-------------------	-----------------------

**Drinking Water** Collected By: Sample Matrix: Mike Kopar Lab Sample ID: A4F0803-05 **Collection Date:** 06/06/2024 8:09

Note Metals Total by ICPMS Result Limit(s) RL Units Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead < 0.400 15 0.400 ug/L 06/11/24 1840 06/11/24 1840 SEV

Client Sample ID: BVT-6 Admin Hall BF 1

**Drinking Water** Sample Matrix: Collected By: Mike Kopar A4F0803-06 **Collection Date:** 06/06/2024 8:11 Lab Sample ID:

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

Lead

ug/L 1.38 15 0.400 06/11/24 1842 06/11/24 1842 SEV

**BVT-7 Nurse Sink** Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-07 Lab Sample ID: **Collection Date:** 06/06/2024 8:12

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead 1.60 15 0.400 ug/L 06/11/24 1845 06/11/24 1845 SEV

**BVT-8 Health WF Client Sample ID:** 

**Drinking Water** Sample Matrix: Collected By: Mike Kopar Lab Sample ID: A4F0803-08 Collection Date: 06/06/2024 8:15

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead < 0.400 15 0.400 ug/L 06/11/24 1848 06/11/24 1848 SEV

BVT-9 Health Sink 1 Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-09 Lab Sample ID: **Collection Date:** 06/06/2024 8:16

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 1.51 15 0.400 06/11/24 1850 Lead ug/L 06/11/24 1850 SEV



#### **CERTIFICATE OF ANALYSIS**

#### A4F0803

Client Sample ID: BVT-10 Health Sink 2

Sample Matrix: Drinking Water Collected By: Mike Kopar

Lab Sample ID: A4F0803-10 Collection Date: 06/06/2024 8:17

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 1.47 15 0.400 ug/L 06/11/24 1853 06/11/24 1853 SEV

Client Sample ID: BVT-11 Health Sink 3

Sample Matrix: Drinking Water Collected By: Mike Kopar

Lab Sample ID: A4F0803-11 Collection Date: 06/06/2024 8:17

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 1.74 15 0.400 ug/L 06/11/24 1903 06/11/24 1903 SEV

Client Sample ID: BVT-12 Health Sink 4

Sample Matrix: Drinking Water Collected By: Mike Kopar

Lab Sample ID: A4F0803-12 Collection Date: 06/06/2024 8:18

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)
Lead 10.9 15 0.400 ug/L 06/11/24 1913 06/11/24 1913 SEV

Client Sample ID: BVT-13 Cosmo Laundry Sink

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-13Collection Date:06/06/2024 8:21

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 24.6 15 0.800 ug/L 06/11/24 1024 06/11/24 2312 SEV

Client Sample ID: BVT-14 Bakery Sink 1

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-14Collection Date:06/06/20248:23

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 0.465 15 0.400 ug/L 06/11/24 1916 06/11/24 1916 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

**Client Sample ID:** BVT-15 Bakery Sink 2

**Drinking Water** Collected By: Sample Matrix: Mike Kopar

Lab Sample ID: A4F0803-15 **Collection Date:** 06/06/2024 8:23

Note Metals Total by ICPMS Result Limit(s) RL Units Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 3.64 15 0.400 ug/L 06/11/24 1918 06/11/24 1918 SEV

Client Sample ID: BVT-16 Bakery Sink 3

**Drinking Water** Sample Matrix: Collected By: Mike Kopar

A4F0803-16 **Collection Date:** 06/06/2024 8:24 Lab Sample ID:

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

ug/L Lead 2.47 15 0.400 06/11/24 1921 06/11/24 1921 SEV

BVT-17 Downstair 3 BF 1 Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-17 Lab Sample ID: **Collection Date:** 06/06/2024 8:27

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

Lead < 0.400 15 0.400 ug/L 06/11/24 1923 06/11/24 1923 SEV

BVT-18 Kitchen Sink 1 **Client Sample ID:** 

Sample Matrix: **Drinking Water** Collected By: Mike Kopar Lab Sample ID: A4F0803-18 Collection Date: 06/06/2024 8:34

2.02

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) 15

0.400

ug/L

06/11/24 1926

06/11/24 1926

SEV

BVT-19 Kitchen Sink 2 Client Sample ID:

Lead

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-19 Lab Sample ID: **Collection Date:** 06/06/2024 8:35

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 4.38 15 0.400 06/11/24 1929 Lead ug/L 06/11/24 1929 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

Client Sample ID: BVT-20 Kitchen Sink 3

Sample Matrix: Drinking Water Collected By: Mike Kopar

Lab Sample ID: A4F0803-20 Collection Date: 06/06/2024 8:36

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 4.83 15 0.400 ug/L 06/11/24 1931 06/11/24 1931 SEV

Client Sample ID: BVT-21 Kitchen Coffee

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-21Collection Date:06/06/2024

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead <0.400 15 0.400 ug/L 06/11/24 1934 06/11/24 1934 SEV

Client Sample ID: BVT-22 Ice Machine

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-22Collection Date:06/06/2024

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead <0.400 15 0.400 ug/L 06/11/24 1952 06/11/24 1952 SEV

Client Sample ID: BVT-23 Kitchen Tilt Skillet

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-23Collection Date:06/06/2024 8:41

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead 1.45 15 0.400 ug/L 06/11/24 2002 06/11/24 2002 SEV

Client Sample ID: BVT-24 3 Bowl

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-24Collection Date:06/06/2024

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 1.30 15 0.400 06/11/24 2004 Lead ug/L 06/11/24 2004 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

**Client Sample ID:** BVT-25 Convo Oven #2

Collected By: Sample Matrix: **Drinking Water** Mike Kopar Lab Sample ID: A4F0803-25 **Collection Date:** 06/06/2024

Note Metals Total by ICPMS Result Limit(s) RL Units Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

Lead 0.663 15 0.400 ug/L 06/11/24 2007 06/11/24 2007 SEV

Client Sample ID: BVT-26 Hose Bib 1

**Drinking Water** Sample Matrix: Collected By: Mike Kopar A4F0803-26 **Collection Date:** 06/06/2024 8:48 Lab Sample ID:

1.93

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

ug/L

06/11/24 2010

06/11/24 2010

SEV

0.400

Lead

15

BVT-27 Hose Bib 2 Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-27 Lab Sample ID: **Collection Date:** 06/06/2024 8:48

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead 16.5 15 0.400 ug/L 06/11/24 2012 06/11/24 2012 SEV

**BVT-28 Hand Sink Client Sample ID:** 

**Drinking Water** Sample Matrix: Collected By: Mike Kopar Lab Sample ID: A4F0803-28 Collection Date: 06/06/2024

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead 8.67 15 0.800 ug/L 06/11/24 1024 06/11/24 2254 SEV

**BVT-29 Dining Sink** Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar Lab Sample ID: A4F0803-29 **Collection Date:** 06/06/2024

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 200 15 0.800 06/11/24 2304 Lead ug/L 06/11/24 1024 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

**Client Sample ID: BVT-30 Protective Services BF** 

Collected By: Sample Matrix: **Drinking Water** Mike Kopar

Lab Sample ID: A4F0803-30 **Collection Date:** 06/06/2024 8:55

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead < 0.400 15 0.400 ug/L 06/11/24 2015 06/11/24 2015 SEV

BVT-31 Welding 2 BF Client Sample ID:

**Drinking Water** Collected By: Mike Kopar Sample Matrix: A4F0803-31 **Collection Date:** 06/06/2024 Lab Sample ID:

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst

Method: EPA 200.8, Rv. 5.4 (1994)

Lead

ug/L Lead < 0.400 15 0.400 06/11/24 2017 06/11/24 2017 SEV

**BVT-32 Auto Tech BF** Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-32 Lab Sample ID: **Collection Date:** 06/06/2024 9:03

< 0.400

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

0.400

ug/L

06/11/24 2020

06/11/24 2020

SEV

15

**Client Sample ID:** BVT-33 Auto Body BF Sample Matrix: **Drinking Water** Collected By: Mike Kopar Lab Sample ID: A4F0803-33 Collection Date: 06/06/2024 9:05

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994)

Lead 1.35

15 0.400 ug/L 06/11/24 2022 06/11/24 2022 SEV

BVT-34 Welding 1 BF Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-34 Lab Sample ID: **Collection Date:** 06/06/2024 9:09

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) < 0.400 15 0.400 Lead ug/L 06/11/24 2033 06/11/24 2033 SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

Client Sample ID:	BVT-35 Machine WF
-------------------	-------------------

Sample Matrix: **Drinking Water** Collected By: Mike Kopar Lab Sample ID: A4F0803-35 **Collection Date:** 06/06/2024 9:11

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	< 0.400	15	0.400	ug/L		06/11/24 2043	06/11/24 2043	SEV

Client Sample ID: **BVT-36 Machine Hall BF** 

**Drinking Water** Collected By: Mike Kopar Sample Matrix: A4F0803-36 Collection Date: 06/06/2024 9:13 Lab Sample ID:

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst	
Method: EPA 200.8, Rv. 5.4 (1994)									
Lead	2.15	15	0.400	ua/L			06/11/24 2046	SEV	

**BVT-37 Computer Lab BF** Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-37 06/06/2024 9:15 Lab Sample ID: **Collection Date:** 

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	< 0.400	15	0.400	ua/l		06/11/24 2048	06/11/24 2048	SEV

**BVT-38 Bldg Const BF Client Sample ID:** 

**Drinking Water** Sample Matrix: Collected By: Mike Kopar Lab Sample ID: A4F0803-38 Collection Date: 06/06/2024 9:16

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2 40	15	0.400	ua/l		06/11/24 2051	06/11/24 2051	SEV

**BVT-39 Faculty Sink** Client Sample ID:

**Drinking Water** Sample Matrix: Collected By: Mike Kopar A4F0803-39 06/06/2024 Lab Sample ID: **Collection Date:** 

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.465	15	0.400	ug/L		06/11/24 2053	06/11/24 2053	SEV



#### CERTIFICATE OF ANALYSIS

#### A4F0803

**Client Sample ID:** BVT-40 Heavy Equip BF2

**Drinking Water** Collected By: Sample Matrix: Mike Kopar Lab Sample ID: A4F0803-40 **Collection Date:** 06/06/2024

1.07

Note Metals Total by ICPMS Result Limit(s) RL Units Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) 15

0.400

ug/L

06/11/24 2056

06/11/24 2056

SEV

Client Sample ID: BVT-41 Comp. Net Sink

Lead

**Drinking Water** Sample Matrix: Collected By: Mike Kopar A4F0803-41 **Collection Date:** 06/06/2024 9:26 Lab Sample ID:

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead 3.86 15 0.400 ug/L 06/11/24 2058 06/11/24 2058 SEV

BVT-42 Comp. Net BF Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-42 Lab Sample ID: **Collection Date:** 06/06/2024 9:27

Metals Total by ICPMS Result Limit(s) RL Units Note **Prepared** Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) 06/11/24 2101 Lead 2.49 15 0.400 ug/L 06/11/24 2101 SEV

BVT-43 Heavy Equip BF 1 **Client Sample ID:** 

**Drinking Water** Sample Matrix: Collected By: Mike Kopar Lab Sample ID: A4F0803-43 **Collection Date:** 06/06/2024 9:28

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8, Rv. 5.4 (1994) Lead < 0.400 15 0.400 ug/L 06/11/24 2103 06/11/24 2103 SEV

**BVT-44 Sports Med Ice** Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: Mike Kopar A4F0803-44 Lab Sample ID: **Collection Date:** 06/06/2024 9:29

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed **Analyst** Method: EPA 200.8, Rv. 5.4 (1994) 0.631 15 0.400 06/11/24 2144 Lead ug/L 06/11/24 2144 SEV



## Microbac Laboratories Inc., Pittsburgh Division CERTIFICATE OF ANALYSIS

#### A4F0803

Client Sample ID: BVT-45 Heavy ER Shop

Sample Matrix:Drinking WaterCollected By:Mike KoparLab Sample ID:A4F0803-45Collection Date:06/06/2024

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
l ead	< 0.400	15	0.400	ua/l		06/11/24 2147	06/11/24 2147	SEV

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

**Definitions** 

RL: Reporting Limit ug/L: Micrograms per Liter

#### Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division 02-00257

Pennsylvania Department of Environmental Protection

#### **Report Comments**

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <a href="https://www.microbac.com/standard-terms-conditions">https://www.microbac.com/standard-terms-conditions</a>.

Reviewed and Approved By:

arolyn M. Vollentine

Carolyn Vollentine Service Center Manager Reported: 06/13/2024 10:50

#### Michael Kopar, Ci<del>c</del> **Building & Construction Project Manager Environmental Services**



ice Address

State, Zip:

phone No.:

nt Name:

ress:

tact:

Tel +1 (412) 922-4000 Ext. 383 Mob +1 (724) 630-1713 Fax +1 (412) 922-4043 mike.kopar@intertek.com intertek.com/building

Intertek-PSI 850 Poplar Street Pittsburgh, PA 15220 USA

			7
 + [	0 (	0 U	5

Intertek-PSI - Pittsburgh, PA PM: Carolyn Vollentine

Temperature Upon Rec	eipt (°C)
Therm ID	or tipl
Holding Time 2	216 1430

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

[]Results Only []Level 1 []Level 2 []Level 3 []Level 4 []EDD

Send Repor	ort via: []	Mail [] Fax [] e-mail	(address)					Send Invo	ice via:	[] Mail	[]Fax	[] e-mail (addres	ss)		
Project:	0810	6037	L	ocation:	Butle	s V	OT	<del>ed</del>	PO No.:	4,		Compliance Mo	onitoring? [	]Yes [] No	
Sampled by	y (PRINT):	Types: Soil/Solid (S), Slu Types: (1) HNO3, (2) H25		Sampler Signature:	1	she.	W	La (CM) Suff			er Phone	(1000) Other (6)	30 1713	anteriorista e e e e e e e e e e e e e e e e e e e	Treme a constraint was seen
**	* Matrix	Types: Soil/Solid (S), Slu- Types: (1) HNO3, (2) H29	age, OII, VVIPe, SO4. (3) HCL (	, Drinking vvat 4) NaOH. (5) 2	er (DVV) Zinc Ace	), Grou etate. (	nawa 6) Me	ter (Gvv), Sun thanol. (7) Soc	ace vvater (: dium Bisulfat	e, (8) So	iste vvater odium Thio	sulfate, (9) Hexan	ecity) ie. (U) Unpres	erved	
or same capacitan and capacita		and superior desired and a superior desired a	agamente individual and acceptable signi Commissione acceptable in the second second	kilamena misasi da da la la sa upumin masu misasi mana	ennesemme me	garanania.	and a series	erro an kar alia di vila raserno. Spanie same a menarano a seri	agrica a ser i cone a co pro-	enio dala man Samuelany	REQUES	STED ANALYSIS	and other dancemakens were were productive a songwess work to	nederlande kommenter er i transversioner i seut til det versioner til transversioner. Det proteste kommenter til transversioner i selver i transversioner i selver i selver i transversioner i selve	generalise (n. 1915), en segue son appetentione en la company de la comp
Lab ID	CII	ient Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	6	<u> </u>	And Control (Material Procedure) Procedure VIII (No. Abdress			Additional	Notes
Labib	BUT-1	Directos	6.6	758	1	DIN	G	None		V		Accession of the constraint of the constraint		afor a consequence of acceptance on a consequence of acceptance of accep	NOTES AND STORES AS POSSIBLE OF
0100-11000	BVT. )	Lg CONF SINK	TO BE SHARE SHOULD AND SHOULD	800		DUV	91918 97. 97. 2	Accession of the second	Samuel Commission (Commission Commission Commission Commission Commission Commission Commission Commission Com	3	Sex one of war have one	transmin francisco de la composición d	and the second	Paracon marifolio escribilizario esc	retira in su vivila anno sistem trad
en sourceauxon en source de la	BVT 3	maning managatan properties and the contract of the con-	Marie Service A. A. A. A. A. A. Charles	8:02			e annonem	ent contraction of the same of the	for a security of the form	1	AND THE REST OF STREET			January and a suffernment of the	Salahan malaman masa beraman S
e de la companya de l Bandan de la companya	BV7.4	COSMO Uppet	The second second second second second	806	1		*	and the second s	1 10 10 10 10 10 10 10 10 10 10 10 10 10		antonio de la figura de la caración de	Turner a medical control of contr	Large Control of Control of Control of Marie		nerene en
AMERICAN AND AND AND AND AND AND AND AND AND A	BUT-5	Almin HALL BUF	7	809	T		. 45,0 2 . 412 . 1	anticipa etingula città e l'astronomi	To the state of th	-	The settle beauty of the State	The same of the sa	A STATE OF THE PARTY OF THE PAR	The control of the co	languagyong ag Arabanga saggagga Magg
M. 100 100 100 100 100 100 100 100 100 10	BUT- C	Admin Hall BAF. Admin Hall	BF1	8-61	1		y Okobo y Jak	And the second consequence of the consequence of th	de en	, ees one one finan	Andreas de la company		to the state of th		Section for exercising statement
	BUT-		Control of the Contro	812	1		a, a a, r vzp c		and the second second	ene na pro-					Mariner archive present archive
20132	RVT. 9	THE SHALL SH	and the second second second second	815	1		Annah mahar	Allenia a restrictiva di proprio del servicio del servicio del servicio del servicio del servicio del servicio	farmen e fra	area actions of the ear		franciscom programma and franciscom.	and an investigation and area	Control to the second s	
	BUT.9	STATE AND STATE OF THE STATE OF	Special and the second second second	816	•		* 4	The state of the s	10 miles 100 miles 200 miles 2	an tal hazzat may tak h	response of the Section Control of the Control of t	Security of the second	er en transmisser and generalized themselves	Construction of the constr	THE STATE OF THE S
in and the second of the secon	BUT-10	протива в отначава е не притего подостичения и пости объект	A ST THE STATE OF	817	1		Constanting Code	Çeneyeniye, in ayanın amedar İ	Maria Maria a di Parti di Maria	n es colone	eri da esta fere transcoria di E	the second converse of the same	A CONTRACTOR OF THE PROPERTY O		agets the constraint particles for the first
Possible Ha	azard Identific	A TOTAL PARTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE PART		Hazardous	[] Radio	pactive	19 of the action (1999)	Sa	mple Dispo	sition	[] Dispos	se as appropriate	[] Return	[] Archive	en monte management comment of
Comments  Relinquisped  Relinquisped					he!	4		6/6	Date/Time		2	ived By (signatu	1	Date/Time Date/Time	10:
				Relinquishe	d By (si	ignatu	re)	Date/Ti	me	ario Nation Bris (14 Mart w	Rece	ived By (signatu	re)	Date/Time	ellers and televal for
rev.12/26/20	)17	and the state of t	aj mengerrojos kirjanajakan mereka Zakhom jeraja k	Barrier and the second	at profit, or the figure on	artini materialia de la composición de	e tan permanente e e	an no pë shengindi que son premi la min	ahi dipenjak nambang bilang kinang diberi			of or house outpers stronger et al annual son	the special of the policy desirable is to	Page of	5

same

**Turnaround Time** 

Report Type

[] RUSH\* (notify lab)

(needed by)

[] Routine (5 to 7 business days)

MICROBAC\* 724,772.0610

100 Marshall Drive Warrendale, PA 15086



Lab Report	t Address	Invoice Add				,	Turnaroui	nd Time		PM: Carolyn Vollentine						
Client Nam	**>		Client Name: same						[] Routine		business days) ab)	Temperature Upon Receipt (°C) Therm ID				
Address:									£1	()	,	Holding		71100	T436	
				7.					(no	andad by		(		d on Ice? Yes No N	N/A	
City, State,	Zip:		City, State,					Report Ty	eeded by	)				1014		
Contact:			Contact:											tact? Yes No N/A	EAH	
Telephone	or properties the context of coloring to content of the content of the first of the first of the content of the conte	the state of the second decreases and the second decreases are second decreases and decreases are second de	Telephone	No.:	, and the special states	and the second section of the	ages for the factor of the second section of the second	n days and other lands	and the state of t	and the state of t	Level 1 []Level	the second of the second	13 []Leve	14 [JEDD	ernong gamet erkon, trabild in	
Send Repo	rt via: [] Mail [] Fax 1 (e-mail (a	address)	ang timong light some strongs ministration to	i ang taong the processor	en brende in the control		Send Invoi	ce via:	[] Mail	[] Fax	[] e-mail (addres		[1Voo	ra ta transport in the state of	and gang principles on the Court of	
Project:	08166037	L	_ocation:	But	les	Vo	Tech	PO No.:			Compliance Mo	nitoring r	[] res	[] NO		
Sampled by	y (PRINT): M. KOPW	ann ann ann an ann ann an ann an ann an	Sampler Signature:	91/	who	U	reconstruction to the transfer of the transfer	de facca i La Più and arranda i Laure	Sampler No		724 630	1713		ede datus mantarior for establishment fittad	entimperate entre	
State and the second	* Matrix Types: Soil/Solid (S), Slud	lge, Oil, Wipe	, Drinking Wa	er (DW	), Grou	ndwate	er (GW), Surfa	ace Wate	(SW), Was	ste Wate	r (WW), Other (spe	ecify)	er erent wetten die 18	ti anarana menjamakan artistarian menanterian makain.	ALTERNATION SHAPE STORES	
**	Preservative Types: (1) HNO3, (2) H2S	604, (3) HCI,	(4) NaOH, (5)	Zinc Ac	etate, (	6) Meti	hanol, (7) Soc	lium Bisul	fate, (8) Soc	dium Thio	sulfate, (9) Hexan	e, (U) Unp	reserved	ranganing, i.e., r. og "movangengpaninggi rasoy	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
erransen roomaan oli	у уртынгары жатамана түштүнүн томачанаттама соңган органуналагын	CHARLES OF STREET	ange general or ne ne gang a transfer de entre de la company de la compan	, and parameters of the second	1000000	Marin Marin	anne a man a makinanan ar sesah	Production and the design	1	TALGOL.	JIED ANALIOIO	energicane (cara press)	NO. 2 NO. WOMEN CO.	entropy with the reserve that the state of the larger		
			·	Containers	C. S. Landy C. A.				And the second	and the state of t		40.00			TO THE PART OF THE	
			Carolina de la Caroli	ontai		Сотр		0	Control (Section)	To an in the second						
	De la constantina del constantina de la constantina de la constantina del constantina de la constantin	Doto	Time	of C	rix	0/0	Preservative	EA0		No and an		or and and and			ar kwa i dhe tilay	
Lab ID	Client Sample ID	Date Collected	Collected	No. of	Matrix	Grab /	Types **	7						Additional No	tes	
ter a funda un a como en el francia de la como el francia de la como el francia de la como el francia de la co	BUT-11 HEARY SINKS	6.6	817	1	OW	6	None	×					nmo-vo 2,000 00 00 00	a tha a shake a take, a take a salak salak a take take a salak take a salak	g an anno reasons and	
are to warring a court of Artis	BYT. P. Heatth Sinky	** A	818				on a man francisco de carros co			are soften as to		marin 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		ternasionale in money as out out the ternasion and the money of the ternasion and th	and on the service of the service of the service of	
V-10000	BUT-13 COSMO LOWN	Suc	821				accommonate in a special form of the second		la a la	ter da la significación de construir	p. 1994	and a second second		namen ay ya sara manaya manasa da ah	talanta 188 ariah Nakaran Nova (	
ti Pizze ti ti ve en vitale de l'este	BUT.14 Bakery SINK	-\	823				okonga iking akonoleh Milalikindok	17311115 1041 USAN LINE	Marine Marine	, ethion (e sister cir. in				group, and the contradic oracles there is a solution against	saymonic canadictoris	
and the state of the control of the con-	BUT·15	2	823				21. heryedini - 100 heryedini - 100 he			maria Samana			varia (anno mont)	en er en er en	greenson neg streeting	
de AVA, A to Service de Parise.	DVT16	3	924		100									and a second and a second assets as a second and a second assets as a second asset as a second asset as a second asset as a second as a se	ere return seren	
nga an iyo iyan ga nagamena	BUT-17 Jourston	# BFI	827	1979 AND 197	The second second				Section via value and the second			a de la companie de l	aran Jawa man d	anne premi grannetta, geng ta milleng kathirte metalah kangse	estern tunn ausza verszer sza S	
t sign orientative ericles. 179	BUT-18 Kitchen Sink	4	834	ž	- in the state						A SALAR DE ANTONIO POR SERVICIO DE LA CONTRACTOR DE LA CO		un me transcend	ngan, en y al tag in ninggara salah dan bi attendenten teginin.		
The West Course Chair Secret	BVT-19 2		835	-				V-V		, as we have recovered	l and the same of the same	· · · · · · · · · · · · · · · · · · ·		i katangga ang an maganta terteti penghangan ni magan mesa.	The second secon	
agreement was expressed to	BVT. 20 3	)	836		400000	\		1			All maked	1		ant region. The activity of the property of the strength of th		
	azard Identification [] Hazardo	ous [] Non-		[] Radi	oactive	STATE AND STANCE	Sa	mple Dis	oosition	[] Dispo	se as appropriate	[] Return	n [] Arc	hive	April 1 - Paril 12	
omments			Relinquish	d By (s	signațu	re)	Date/Ti	me,	4	Rece	eived By (signatur	e)		Date/Time	0 0	
			7//	he	K.L	-	61	6/27	1036	4	ent,	12		6/6/24	14:2	
			Relinquishe	d By (s	ignatu	re)	Date/Ti	me	reservable Plant Will State of the	Rece	eived By (signatur	e)		Date/Time	The state of the s	
			Relinquishe	d By (s	ignatu	re)	Date/Ti	me	an is an experience of the same	Rece	eived By (signatur	<b>e</b> )	t a resi t akt entletten av at har	Date/Time		
		per programme and absorbed		Extraction in the speci	ngarther Military on the	Andrew of the sec	on the same and the same	and the second second second second	and the first of the second		ang to the annual property of the property of the second special party.	nga garangan kabupat dhara	anno de la grada contra agrano y bar			
v.12/26/20	017													Page L of	<b>)</b>	

724,772,0610

( MICROBAC"



Intertek-PSI - Pittsburgh, PA

PM: Carolyn Vollentine Turnaround Time Lab Report Address Invoice Address [] Routine (5 to 7 business days) Temperature Upon Receipt (°C) Client Name: Client Name: [] RUSH\* (notify lab) Therm ID same Holding Time Address: Address: City, State, Zip: (needed by) Samples Received on Ice? Yes No N/A City, State, Zip: Custody Seals Intact? Yes No N/A Contact: Contact: Report Type EAH 616/24 Telephone No.: []Results Only []Level 1 []Level 2 []Level 3 []Level 4 []EDD Telephone No.: Send Invoice via: [] Mail [] Fax [] e-mail (address) Send Report via: [] Mail [] Fax [] e-mail (address) Compliance Monitoring? [] Yes [] No Location: PO No .: Project: 08166037 Sampler Sampler Phone Sampled by (PRINT): 724 630-1713 Signature: No.: \* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify) \*\* Preservative Types: (1) HNO3, (2) H2SO4, (3) HCI, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved REQUESTED ANALYSIS No. of Containers Grab / ( Preservative Date Time Additional Notes Lab ID Client Sample ID Collected Collected Types \*\* Wither Color Vone 841 HNOZ KITCHEN TIT SKINGT CONVO acts #2 848 Protestur services BF [] Hazardous [] Non-Hazardous [] Radioactive Sample Disposition [] Dispose as appropriate Possible Hazard Identification Comments Relinguished By (signature) Date/Time Received By (signature) Received By (signature) Date/Time Relinquished By (signature) Date/Time Received By (signature) Date/Time Relinquished By (signature) Date/Time

rev.12/26/2017

(D)	M	IC	R	0	B	A	C*
-----	---	----	---	---	---	---	----

724.772.0610



Intertek-PSI	-	Pittsburgh,	P

PM: Carolyn Vollentine Turnaround Time Invoice Address Lab Report Address [] Routine (5 to 7 business days) Temperature Upon Receipt (°C) Client Name: Client Name: [] RUSH\* (notify lab) Therm ID 850 Poplar St Holding Time Address: Address: PHSbugh PA 17220 City, State, Zip: City, State, Zip: (needed by) Samples Received on Ice? Yes No N/A Contact: Custody Seals Intact? Yes No N/A Report Type Contact: M.K. Kufw & Mortest, Conference No.: Telephone No.: []Results Only []Level 1 []Level 2 []Level 3 []Level 4 []EDD Send Invoice via: [] Mail [] Fax [] e-mail (address) Send Report via: [] Mail [] Fax [] e-mail (address) Compliance Monitoring? [] Yes [] No 18166037 PO No .: Project: Sampler Phone 724 630-1713 M. Kolar Sampled by (PRINT): Signature: \* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify) \*\* Preservative Types: (1) HNO3, (2) H2SO4, (3) HCI, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved REQUESTED ANALYSIS No. of Containers Grab / Comp Date Preservative Time Collected Collected Additional Notes Lab ID Client Sample ID Types \*\* NAVIC 32 Auto Tech BF 6/6/24 903 -33 Auto Body AT 34 Welding 1 MAdric WF -36 Machine HAM 37 COMPUTER UP BF 915 Bldg Const AF 911 FACULT JINK Sample Disposition [] Dispose as appropriate [] Return [] Archive [] Hazardous [] Non-Hazardous Possible Hazard Identification Comments Relinquished By (signature) Date/Time Date/Time Received By (signature) Date/Time Relinquished By (signature) Received By (signature) Relinquished By (signature) Date/Time Date/Time

rev.12/26/2017

Maria	Pace Analytical Long Island NY		CHAIN-OF-CUSTODY Analytical Request Document								LAB USE ONLY- Affix Workorder/Login Label Here										
575 Broad Hollow Rd, Melville, NY 11747  Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields											明網	11					11001				
ompany Name:	INTERTEKLEAD		Contact/Report To:																		
treet Address:	850 Poplar Street, Pittsburgh, PA 15220	90000000000000000000000000000000000000	***************************************	Phone #: 4/2 · 385 · 64 69										11	==:=:: <u>∆</u>	4	F C	8 0 3			
			E-Mail: mike.kopar@intertek.com											, i			Pittsburgh, PA				
			Cc E-Mail:					"			Vollentine										
ustomer Project #:	Constitution Const	1660	37	Invoice To:							Ouronyi	Volicitatie		-							
roject Name:	School Lead Samping	ar 110		Invoice E-Mail:		WNC							Specify Container Size **					**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4)			
te Collection Info/Fac	cility ID (as applicable):	Took		Purchase Order # (if							125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other										
e conection into/ rat	clirty to (as applicable).		Purchase Order # (if applicable):									entity Cor	tainer Preservative Type***			*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCI, (5) NaOH, (6) Zn Acetate, (7)					
				Quote #:	X								A	nalysis Requ	ested			NaHSO4, (8) Sod. Thiosulfat MeOH, (11) Other	e, (9) Ascorbic Aci	id, (10)	
me Zone Collected:	[ ]AK [ ]PT [ ]MT · [ ,]CT	ET		County / State origin of sample(s): New-York Pennsylvana														Proj. Mgr		for	
ata Deliverables:		Regulato	ry Progra	m (DW, RCRA, etc.) as a	pplicable:		Chrisqua	01.009										Lori Beyer		fied f	
[ ] Level II	[ ] Level III [ ] Level IV					1												AcctNum://:Client.ID:		denti	
		1 120-		(Pre-approval requir	-	DW PWSID # or WW Permit # as applicable:  Field Filtered (if applicable): [ ] Yes [ ] No											Table#:				
[ ] EQUIS		Date Re	***************************************	day [ ]5 day [ ]Ot	ner						ENO.										
[ ] Other		Request			Analysis:						1						Profile / Template: 8705				
	in Matrix box below): Drinking Water (DW), Gro ater (SW),Sediment (SED), Sludge (SL), Caulk	und Water	(GW), Wa	aste Water (WW), Produ	ct (P), Soil/Solid	(SS), Oil (OL), Wipe	(WP), Tissue (1	TS), Bioas	ssay (B), Vap	or (V),	NIII NIII N	DIE 2000	1.					Prelog/Bottle ord. II	);	011 110	
ner (OT), Sarrace vve		T	Comp	Collecte		Composit	e End	Res.	Number & T	Type of   a	5	Pol	o nucl					1150798		ervati	
	Customer Sample ID	Matrix *	Grab	(or Composite	Time	Date	Time	CL2	Plastic (	Glass	700							Sample Com	ment	Prese	
BV1	-41 COM Not. Sink	DW	6	143033	926						1										
	42 Compart BF	1	1	Glely	90						X								-		
	43 Henry Earl 18F	1			928						X										
10	44 Glarts MED ICE				929					>	5										
	45 HEAVER BY	apl								7	<										
	结								2 2												
	- 1								3												
					-	4									-						
•																					
stomer Remarks / S	Special Conditions / Possible Hazards:				1	Collected By:	AA !	, ,	/ -			Additi	onal Inst	ructions fro	m Pace®:						
ad						Printed Name: .	Michae	21 K	ofar			WH.Co	olers:	Thorman	toriDr	X113211241111111111111111111111111111111	Ven	O (co		III/(POVIII	
	1					Signature:	med le					, and the second	JIC 3.	Thermom		CONECTO	n Factor (°C)	ObsTemp:-(fC)	Corrected Temp.		
inquished by/Company	: (Signature)		Date	e/Time:	liher	Received by/Company:	(Signature)	1//	2			•	Date/Tim	1124	1 1	0:36	Tracking	Number:		<b>4</b> 70	
inquish <del>ed bw/</del> Company	: (Signature)		Date	/Time:	16/15	Received by/Company:	(Signature)	111				•	Date/Tim	6/2		1.00					
					,												Deliver	ed by:[ ] in Person [	J Courier		
nquish P Company	: (Signature)		Date	/Time:		Received by/Company:	(Signature)						Date/Tim	2:				[ ] FedEX [ ] UPS	[ ] Other		
	: (Signature)		Date	/Time:		Received by/Company:	(Signature)						Date/Time:				Page: 1 of 1				
bmitti 51	ria this chain of custody constitutes acknow	lodgmont :	and acce	ntance of the Pace® T	erms and Con	ditions found at ht	tps://www.pa	acelabs o	com/resour	rce-librar	v/resou	rce/nace-te	erms-and	-conditions	/		FNV-F	RM-CORQ-0019_v01	082122 @		

LAB USE ONLY- Affix Workorder/Login Label Here

Pace® Location Requested (City/State):