

August 18, 2017

Mr. Rafael Torres
PARS Environmental
500 Horizon Drive
Trenton, NJ 08691

Certificate of Analysis

Project Name: HCESC	Workorder: 2254153
Purchase Order:	Workorder ID: HCESC-SCVTS-Career Center

Dear Mr. Torres:

Enclosed are the analytical results for samples received by the laboratory on Monday, August 14, 2017.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Mrs. Vicki A. Forney (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

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

Mrs. Vicki A. Forney
Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

SAMPLE SUMMARY

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2254153001	SCVT-Field Blank	Drinking Water	8/11/2017 09:12	8/14/2017 18:45	Collected by Client
2254153002	SCVT-1-Kit-KT-P2	Drinking Water	8/11/2017 09:20	8/14/2017 18:45	Collected by Client
2254153003	SCVT-1-Kit-KT-F1	Drinking Water	8/11/2017 09:21	8/14/2017 18:45	Collected by Client
2254153004	SCVT-1-HC19-WC-P2	Drinking Water	8/11/2017 09:15	8/14/2017 18:45	Collected by Client
2254153005	SCVT-1-HC19-WC-F1	Drinking Water	8/11/2017 09:16	8/14/2017 18:45	Collected by Client

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

SAMPLE SUMMARY

Workorder: 2254153 HCESC-SCVTS-Career Center

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits


ALS Environmental Laboratory Locations Across North AmericaCanada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID: **2254153001** Date Collected: 8/11/2017 09:12 Matrix: Drinking Water
 Sample ID: **SCVT-Field Blank** Date Received: 8/14/2017 18:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
METALS								
Lead, Total	ND		ug/L	2.0	EPA 200.8	8/17/17 14:19 MO	8/17/17 15:44 MO	A1



Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America


Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID: **2254153002** Date Collected: 8/11/2017 09:20 Matrix: Drinking Water
 Sample ID: **SCVT-1-Kit-KT-P2** Date Received: 8/14/2017 18:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
METALS								
Lead, Total	16.2		ug/L	2.0	EPA 200.8	8/17/17 14:19 MO	8/17/17 15:46 MO	A1



Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID: **2254153003** Date Collected: 8/11/2017 09:21 Matrix: Drinking Water
 Sample ID: **SCVT-1-Kit-KT-F1** Date Received: 8/14/2017 18:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	5.8		ug/L	2.0	EPA 200.8	8/17/17 14:19	MO	8/17/17 15:49	MO	A1

Vicki Forney
 Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America


Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID: **2254153004** Date Collected: 8/11/2017 09:15 Matrix: Drinking Water
 Sample ID: **SCVT-1-HC19-WC-P2** Date Received: 8/14/2017 18:45

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	567		ug/L	1.0	EPA 200.8	8/18/17 00:15	LXC	8/18/17 07:31	ZMC	A1



Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America


Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

ANALYTICAL RESULTS

Workorder: 2254153 HCESC-SCVTS-Career Center

Lab ID: **2254153005** Date Collected: 8/11/2017 09:16 Matrix: Drinking Water
 Sample ID: **SCVT-1-HC19-WC-F1** Date Received: 8/14/2017 18:45

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
METALS								
Lead, Total	3.7		ug/L	2.0	EPA 200.8	8/17/17 14:19 MO	8/17/17 15:52 MO	A1



Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America

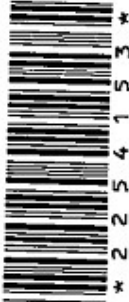
Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

**CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS**
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: _____
ALS Quot # _____



Client Name: PARS Environmental		Container Type	BP	Receipt Information (completed by Receiving Lab)	
Address: 500 Horizon Drive, Suite 540		Container Size	250mL	Cooler Temp: 22	Therm ID: 309
Contact: Julian Fernandez-Obregon		Preservable	HNO3	No. of Coolers: _____ Y _____ N _____ Initial _____	
Phone#: 609-890-7277		ANALYSES/METHOD REQUESTED			
Project Name#: HCESC - SCUTS - Caver CenK					
Bill To: Julian Fernandez-Obregon, PARS Environmental		Custody Seals Present? _____ (If present) Seals Intact? _____			
TAT <input type="checkbox"/> Normal-Standard TAT is 10-12 business days.		Received on Ice? _____			
Date Required: <input checked="" type="checkbox"/> Rush-Subject to ALS approval and surcharges.		COC Labels Complete/Accurate? _____			
Approved By: RT		Cont. in Good Cond.? _____			
Email? <input checked="" type="checkbox"/> Y jfernandez@parsenviro.com, and		Correct Containers? _____			
Fax? <input type="checkbox"/> Y No: rtorres@parsenviro.com		Correct Sample Volumes? _____			
Sample Description/Location		Correct Preservation? _____			
(as it will appear on the lab report)		Headspace/Volatiles? _____			
See Attached		Courier/Tracking #: _____			
Sample Date		Sample/COC Comments			
Sample Time		One Week Turnaround Please			
Matrix		ALS Field Services: <input checked="" type="checkbox"/> Labor _____ <input type="checkbox"/> Rental Equipment _____			
DW		Composite Sampling _____ Other: _____			
All		Special Processing			
EPA 200.8 (Lead)		USACE _____ Navy _____			
G or C		State Samples Collected In			
Matrix		Deliverables			
LOGGED BY (signature): _____		<input checked="" type="checkbox"/> Standard _____ <input type="checkbox"/> CLP-like _____ <input type="checkbox"/> USACE _____			
REVIEWED BY (signature): _____		Reportable to PADEP? _____			
Date		Yes <input type="checkbox"/> No <input type="checkbox"/>			
Time		PWSID # _____			
Date		EDDS: Format Type _____			
Time		Sample Disposal			
Date		Lab _____ Special _____			
Time		PA _____ NC _____			
Date		NY _____ NJ _____			
Time		PADEP? _____			
Date		PWSID # _____			
Time		EDDS: Format Type _____			
Date		Sample Disposal			
Time		Lab _____ Special _____			
Date		PA _____ NC _____			
Time		NY _____ NJ _____			
Date		PADEP? _____			
Time		PWSID # _____			
Date		EDDS: Format Type _____			
Time		Sample Disposal			
Date		Lab _____ Special _____			
Time		PA _____ NC _____			
Date		NY _____ NJ _____			
Time		PADEP? _____			
Date		PWSID # _____			
Time		EDDS: Format Type _____			

Project Comments: _____
Relinquished By / Company Name _____ Date _____ Time _____
1 _____ 8/17/17 1330
3 _____ 8/14 1545
5 _____ 8-14 1945
7 _____
9 _____

Matrix - AI=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057
Rev 10/14



