



34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

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.

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

Mrs. Vicki A. Forney
Project Coordinator

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

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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

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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

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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

Vicki Forney
Mrs. Vicki A. Forney
Project Coordinator

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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

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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

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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

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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

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Field ID	Flushed Y/N	Laboratory Sample ID	Laboratory Name	Lab Certification ID	Date Sampled	Time Sampled
SCVT-Field Blank	N	2254153001 ALS		NJ PA010	8/11/2017	9:12
SCVT-1-HC19-WC-P2	N	2254153004 ALS		NJ PA010	8/11/2017	9:15
SCVT-1-HC19-WC-F1	N	2254153005 ALS		NJ PA010	8/11/2017	9:16
SCVT-1-Kit-KT-P2	N	2254153002 ALS		NJ PA010	8/11/2017	9:20
SCVT-1-Kit-KT-F1	N	2254153003 ALS		NJ PA010	8/11/2017	9:21

Exceeds EPA Action Limit (> 15.5 ppb)
 Result between 15 ppb and 15.5 ppb
 Flush Exceeds EPA Action Limit (> 15.5ppb)

Bldg ID - Floor - Room / Location ID - Outlet Type / Number in Sequence - (P)primary / (F)lush

OUTLET TYPE

- BF = Bathroom Faucet
- CF = Classroom Faucet
- DW = Drinking Water Fountain
- FP = Food Prep
- HS = Hand Sink
- IM = Ice Machine
- KC = Kitchen Outlet, Cold
- KT = Kettle
- SB = Sink/Bubbler Combination
- TF = Teachers Faucet
- WC = Water Cooler
- BT = Bottle Filler

Analytical_Method	Date_of_Analysis	Time_of_Analysis	Concentration_in_ug/L	Reporting	Dilution_Factor	Digested	Qualifier
EPA 200.8	8/17/2017	15:44	<2.0	2	1	Y	ND
EPA 200.8	8/18/2017	7:31	567	1	1	Y	
EPA 200.8	8/17/2017	15:52	3.7	2	1	Y	
EPA 200.8	8/17/2017	15:46	16.2	2	1	Y	
EPA 200.8	8/17/2017	15:49	5.8	2	1	Y	