

May 8, 2017

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

Certificate of Analysis

Project Name: HCESC	Workorder: 2226234
Purchase Order:	Workorder ID: HCESC - Wood Roads Elemenetary

Dear Mr. Torres:

Enclosed are the analytical results for samples received by the laboratory on Thursday, April 27, 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

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SAMPLE SUMMARY

Workorder: 2226234 HCESC - Wood Roads Elemenetary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2226234001	FIELD BLANK	Drinking Water	4/25/2017 07:08	4/27/2017 21:10	Collected by Client
2226234002	WRES-1-NURSE-NS2-P2	Drinking Water	4/25/2017 07:09	4/27/2017 21:10	Collected by Client
2226234003	WRES-1-NURSE-NS2-F	Drinking Water	4/25/2017 07:10	4/27/2017 21:10	Collected by Client
2226234004	WRES-1-114-CF-P2	Drinking Water	4/25/2017 07:12	4/27/2017 21:10	Collected by Client
2226234005	WRES-1-114-CF-F	Drinking Water	4/25/2017 07:13	4/27/2017 21:10	Collected by Client

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SAMPLE SUMMARY

Workorder: 2226234 HCESC - Wood Roads Elemeretary

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: 2226234 HCESC - Wood Roads Elemenetary

Lab ID: **2226234001** Date Collected: 4/25/2017 07:08 Matrix: Drinking Water
 Sample ID: **FIELD BLANK** Date Received: 4/27/2017 21:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		ug/L	2.0	EPA 200.8	5/5/17 08:34	ZMC	5/5/17 15:10	JTP	A1



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 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2226234 HCESC - Wood Roads Elemenetary

Lab ID: **2226234002** Date Collected: 4/25/2017 07:09 Matrix: Drinking Water
 Sample ID: **WRES-1-NURSE-NS2-P2** Date Received: 4/27/2017 21:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	10.6		ug/L	2.0	EPA 200.8	5/5/17 08:34	ZMC	5/5/17 15:12	JTP	A1

Vicki Forney
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ANALYTICAL RESULTS

Workorder: 2226234 HCESC - Wood Roads Elemenetary

Lab ID: **2226234003** Date Collected: 4/25/2017 07:10 Matrix: Drinking Water
 Sample ID: **WRES-1-NURSE-NS2-F** Date Received: 4/27/2017 21:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		ug/L	2.0	EPA 200.8	5/5/17 08:34	ZMC	5/5/17 15:15	JTP	A1



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ANALYTICAL RESULTS

Workorder: 2226234 HCESC - Wood Roads Elemenetary

Lab ID: **2226234004** Date Collected: 4/25/2017 07:12 Matrix: Drinking Water
 Sample ID: **WRES-1-114-CF-P2** Date Received: 4/27/2017 21:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	190		ug/L	2.0	EPA 200.8	5/5/17 08:36	ZMC	5/5/17 15:18	JTP	A1



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ANALYTICAL RESULTS

Workorder: 2226234 HCESC - Wood Roads Elemenetary

Lab ID: **2226234005** Date Collected: 4/25/2017 07:13 Matrix: Drinking Water
 Sample ID: **WRES-1-114-CF-F** Date Received: 4/27/2017 21:10

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		ug/L	2.0	EPA 200.8	5/5/17 08:36	ZMC	5/5/17 15:20	JTP	A1

Vicki Forney
 Mrs. Vicki A. Forney
 Project Coordinator

ALS Environmental Laboratory Locations Across North America

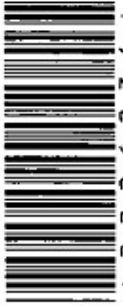
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34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

Environmental

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



of

Client Name: PARS Environmental		Container Type	BP	Cooler Temp: 18		Therm ID: 308		by Receiving Lab	
Address: 500 Horizon Drive, Suite 540		Container Size	250mL	No. of Coolers:		Y		N	
Contact: Rafael Torres		Preservative	HNO3	Custody Seals Present?		Y		N	
Phone#: 609-890-7277		ANALYSES/METHOD REQUESTED							
Project Name#: HCESC - Wood Roads Elementary		Enter Number of Containers Per Sample or Field Results Below.							
Bill To: Rafael Torres, PARS Environmental		EPA 200.9 (Lead)							
TAT <input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days.		Matrix							
Date Required: <input checked="" type="checkbox"/> Rush-Subject to ALS approval and surcharges.		G or C							
Approved By: RT		LOGGED BY (signature):							
Email? <input checked="" type="checkbox"/> Y rtorres@parsenviro.com		REVIEWED BY (signature):							
Fax? <input type="checkbox"/> Y No:		Date							
Sample Description/Location		Sample Date		Time		Relinquished By / Company Name		Date	
See Attached COC						2		1600	
						6		1820	
						8		2110	
						10			
Project Comments:		Relinquished By / Company Name		Date		Time		Received By / Company Name	
1		AM		4-27		1600		Rafael Torres	
3		AM		4-27		1820		Rafael Torres	
5		AM		4-27		2110		Rafael Torres	
7		AM		4-27		2110		Rafael Torres	
9		AM		4-27		2110		Rafael Torres	
ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor		Special Processing		State Samples Collected In		USACE		NY	
<input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment		Navy		NJ		PA		NC	
Other:		Sample Disposal		Lab		Special			
Reportable to PADEP? Yes <input type="checkbox"/>		PWSID #		EDDS: Format Type:					



Facility Name: Wood Road Elementary

Date: 4/25

Facility Address: 401 S Woods Rd Hillsborough, NJ 08844

Sample #	Sample ID	Sample Time	Comments
FB	Field Blank	7:08	
1	WRES-I-Nurse-NS2-P2	7:09	
2	WRES-I-Nurse-NS2-F	7:10	
3	WRES-I-114-CF-P2	7:12	
4	WRES-I-114-CF-F	7:13	

Signature of Sampler: *[Signature]*

Sample ID Guide:
Bldg ID - Flr - Rm - Type (- Faucet #)

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