

April 5, 2017

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

## Certificate of Analysis

Project Name: <b>HCESC-EW-WCB</b>	Workorder: <b>2219237</b>
Purchase Order:	Workorder ID: <b>HCESC-Freehold Colts Neck</b>

Dear Mr. Torres:

Enclosed are the analytical results for samples received by the laboratory on Friday, March 31, 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](http://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: 2219237 HCESC-Freehold Colts Neck

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2219237001	CNH-Field Blank	Drinking Water	3/31/2017 06:25	3/31/2017 21:05	Collected by Client
2219237002	CNH-01-KIT-KT2-P	Drinking Water	3/31/2017 06:26	3/31/2017 21:05	Collected by Client
2219237003	CNH-01-KIT-KT2-Flush	Drinking Water	3/31/2017 06:27	3/31/2017 21:05	Collected by Client
2219237004	CNH-01-GIRLS TEAM RM-WC-P	Drinking Water	3/31/2017 06:30	3/31/2017 21:05	Collected by Client
2219237005	CNH-01-GIRLS TEAM RM-WC-Flush	Drinking Water	3/31/2017 06:45	3/31/2017 21:05	Collected by Client

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**SAMPLE SUMMARY**

Workorder: 2219237 HCESC-Freehold Colts Neck

**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: 2219237 HCESC-Freehold Colts Neck

Lab ID: **2219237001** Date Collected: 3/31/2017 06:25 Matrix: Drinking Water  
 Sample ID: **CNH-Field Blank** Date Received: 3/31/2017 21:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Lead, Total	ND		ug/L	2.0	EPA 200.8	4/4/17 15:13	MO	4/4/17 21:16	MO	A1



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 Project Coordinator

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### ANALYTICAL RESULTS

Workorder: 2219237 HCESC-Freehold Colts Neck

Lab ID: **2219237002** Date Collected: 3/31/2017 06:26 Matrix: Drinking Water  
 Sample ID: **CNH-01-KIT-KT2-P** Date Received: 3/31/2017 21:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Lead, Total	11.5		ug/L	2.0	EPA 200.8	4/4/17 15:13	MO	4/4/17 21:18	MO	A1



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### ANALYTICAL RESULTS

Workorder: 2219237 HCESC-Freehold Colts Neck

Lab ID: **2219237003** Date Collected: 3/31/2017 06:27 Matrix: Drinking Water  
 Sample ID: **CNH-01-KIT-KT2-Flush** Date Received: 3/31/2017 21:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Lead, Total	ND		ug/L	2.0	EPA 200.8	4/4/17 15:13	MO	4/4/17 21:21	MO	A1



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### ANALYTICAL RESULTS

Workorder: 2219237 HCESC-Freehold Colts Neck

Lab ID: **2219237004** Date Collected: 3/31/2017 06:30 Matrix: Drinking Water  
 Sample ID: **CNH-01-GIRLS TEAM RM-WC-P** Date Received: 3/31/2017 21:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Lead, Total	14.5		ug/L	2.0	EPA 200.8	4/4/17 15:13	MO	4/4/17 21:24	MO	A1



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### ANALYTICAL RESULTS

Workorder: 2219237 HCESC-Freehold Colts Neck

Lab ID: **2219237005** Date Collected: 3/31/2017 06:45 Matrix: Drinking Water  
 Sample ID: **CNH-01-GIRLS TEAM RM-WC-Flush** Date Received: 3/31/2017 21:05

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Lead, Total	ND		ug/L	2.0	EPA 200.8	4/4/17 15:13	MO	4/4/17 21:26	MO	A1



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34 Dogwood Lane  
Middletown, PA 17057  
P. 717-944-5341  
F. 717-944-1430

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

**Environmental**

Client Name: PARS Environmental

Address: 500 Horizon Drive, Suite 540

Contact: Jessica Perrini

Phone#: 609-890-7277

Project Name#: HCESC- Freehold Coils Neck

Bill To: Rafael Torres, PARS Environmental

TAT  Normal-Standard TAT is 10-12 business days.  
 Rush-Subject to ALS approval and surcharges.

Date Required: Approved By: JP

Email?  -Y JPerrini@parsenviro.com

Fax?  -Y No.

Sample Description/Location  
(as it will appear on the lab report)

See Attached COC

Sample Date

Time

Enter Number of Containers Per Sample or Field Results Below.

\*\*Matrix

EPA 200.9 (Lead)

**ANALYSES/METHOD REQUESTED**

Courier/Tracking #: \_\_\_\_\_  
Sample/COC Comments



Cooler Temp: \_\_\_\_\_ Therm ID: 318

No. of Coolers: \_\_\_\_\_ Y N Initial

Custody Seals Present? \_\_\_\_\_

(if present) Seals Intact? \_\_\_\_\_

Received on Ice? \_\_\_\_\_

COC Labels Complete/Accurate? \_\_\_\_\_

Cont. in Good Cond.? \_\_\_\_\_

Correct Containers? \_\_\_\_\_

Correct Sample Volumes? \_\_\_\_\_

Correct Preservation? \_\_\_\_\_

Headspace/Volatiles? \_\_\_\_\_

ALS Field Services:  Pickup  Labor  
 Composite Sampling  Rental Equipment  
Other: \_\_\_\_\_

Deliverables

Standard

CLP-like

USACE

Other

Special Processing

USACE

Navy

State Samples Collected In

NY

NJ

PA

NC

Reportable to PADEP?

Yes

Lab

Special

PWSID #

EDDS: Format Type:

10

LOGGED BY (signature):

REVIEWED BY (signature):

Relinquished By / Company Name

*[Signature]*

Date

Time

Received By / Company Name

Date

Time

1 3/31/17 10:12 *[Signature]* PARS 3/31 10:15

3 3/31 *[Signature]* PARS 3/31 18:45

5 3/31 *[Signature]* PARS 3/31 21:05

7 *[Signature]* PARS 3/31 21:05

\*\*Matrix: A=Air; DW=Drinking Water; GW=Groundwater; O=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Rev 10/14

