

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	NYSDOH Action Level	Units
SAC-01-CF-P-01	9/23/2020 05:26	10/9/2020 16:04	70148302001	Lead	10.5	15	ug/L
SAC-01-CF-P-02	9/23/2020 05:29	10/9/2020 16:05	70148302002	Lead	11.6	15	ug/L
SAC-01-WF-P-03	9/23/2020 05:30	10/9/2020 16:06	70148302003	Lead	<1.0	15	ug/L
SAC-01-WF-P-04	9/23/2020 05:31	10/9/2020 16:07	70148302004	Lead	<1.0	15	ug/L
SAC-01-BF-P-05	9/23/2020 05:31	10/9/2020 16:08	70148302005	Lead	<1.0	15	ug/L
SAC-01-CF-P-06	9/23/2020 05:33	10/9/2020 16:09	70148302006	Lead	2.3	15	ug/L

NYSDOH Action Level for Lead of 15 ppb

October 11, 2020

Paul Swieton
Rensselaer-Columbia-Greene Counties and
BOCES
10 Empire State Blvd.
Fl 2
Castleton On Hudson, NY 12033

RE: Project: LEADS 9/23
Pace Project No.: 70148302

Dear Paul Swieton:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nicolette M. Lovari
nicolette.lovari@pacelabs.com
(631)694-3040
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: LEADS 9/23

Pace Project No.: 70148302

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE ANALYTE COUNT

Project: LEADS 9/23

Pace Project No.: 70148302

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70148302001	SAC-01-CF-P-01	EPA 200.8	AMS	1	PASI-O
70148302002	SAC-01-CF-P-02	EPA 200.8	AMS	1	PASI-O
70148302003	SAC-01-WF-P-03	EPA 200.8	AMS	1	PASI-O
70148302004	SAC-01-WF-P-04	EPA 200.8	AMS	1	PASI-O
70148302005	SAC-01-BF-P-05	EPA 200.8	AMS	1	PASI-O
70148302006	SAC-01-CF-P-06	EPA 200.8	AMS	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Sample: SAC-01-CF-P-01	Lab ID: 70148302001	Collected: 09/23/20 05:26	Received: 10/06/20 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	10.5	ug/L	1.0	1		10/09/20 16:04	7439-92-1	

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Sample: SAC-01-CF-P-02	Lab ID: 70148302002	Collected: 09/23/20 05:29	Received: 10/06/20 10:30	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Lead	11.6	ug/L	1.0	1		10/09/20 16:05	7439-92-1	

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SAC-01-WF-P-03 Lab ID: 70148302003 Collected: 09/23/20 05:30 Received: 10/06/20 10:30 Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	<1.0	ug/L	1.0	1		10/09/20 16:06	7439-92-1	

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Sample: SAC-01-WF-P-04		Lab ID: 70148302004	Collected: 09/23/20 05:31	Received: 10/06/20 10:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	<1.0	ug/L	1.0	1		10/09/20 16:07	7439-92-1	

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Sample: SAC-01-BF-P-05		Lab ID: 70148302005	Collected: 09/23/20 05:31	Received: 10/06/20 10:30	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach						
Lead	<1.0	ug/L	1.0	1		10/09/20 16:08	7439-92-1	

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ANALYTICAL RESULTS

Project: LEADS 9/23

Pace Project No.: 70148302

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SAC-01-CF-P-06 Lab ID: 70148302006 Collected: 09/23/20 05:33 Received: 10/06/20 10:30 Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Lead	2.3	ug/L	1.0	1		10/09/20 16:09	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LEADS 9/23
Pace Project No.: 70148302

QC Batch: 672217	Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8	Analysis Description: 200.8 MET No Prep Drinking Water
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 70148302001, 70148302002, 70148302003, 70148302004, 70148302005, 70148302006

METHOD BLANK: 3656891 Matrix: Water
Associated Lab Samples: 70148302001, 70148302002, 70148302003, 70148302004, 70148302005, 70148302006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	10/09/20 16:14	

LABORATORY CONTROL SAMPLE: 3656892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.8	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3656887 3656888

Parameter	Units	35583077001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Spike Conc.					
Lead	ug/L	0.0014 mg/L	50	53.2	52.4	50	104	102	70-130	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3656889 3656890

Parameter	Units	70148302006 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	MS Result	MSD Result	MSD Spike Conc.					
Lead	ug/L	2.3	50	54.3	54.1	50	104	104	70-130	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: LEADS 9/23
Pace Project No.: 70148302

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

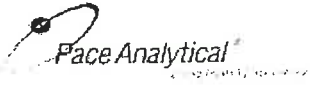
Project: LEADS 9/23

Pace Project No.: 70148302

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70148302001	SAC-01-CF-P-01	EPA 200.8	672217		
70148302002	SAC-01-CF-P-02	EPA 200.8	672217		
70148302003	SAC-01-WF-P-03	EPA 200.8	672217		
70148302004	SAC-01-WF-P-04	EPA 200.8	672217		
70148302005	SAC-01-BF-P-05	EPA 200.8	672217		
70148302006	SAC-01-CF-P-06	EPA 200.8	672217		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

WO#: 70148302

Client Name: _____

Project: _____

PM: NML

Due Date: 10/20/20

CLIENT: QUESTAR

Courier: Fed Ex UPS USPS Client Commercial Pace OtherTracking #: 9099 9900 9731Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes NoTemperature Blank Present: Yes NoPacking Material: Bubble Wrap Bubble Bags Ziploc None OtherType of Ice: Wet Blue None

Thermometer Used: TH091

Correction Factor: -0.2 Samples on ice, cooling process has begunCooler Temperature (°C): 19.5Cooler Temperature Corrected (°C): 19.3

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)Date and Initials of person examining contents: HR 10/20Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:		
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.		
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.		
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.		
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.		
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.		
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input type="checkbox"/> No		7.		
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.		
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.		
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.		
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	11.	Note if sediment is visible in the dissolved container.	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.		
-Includes date/time/ID/Analysis Matrix SL WT OIL						
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	13.	<input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl	
pH paper Lot #						
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A		Sample #	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis					Initial when completed: Lot # of added preservative: Date/Time preservative added	
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	14.		
KI starch test strips Lot #						
Residual chlorine strips Lot #					Positive for Res. Chlorine? Y N	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	15.		
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	16.		
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A			
Pace Trip Blank Lot # (if applicable):						

Client Notification/ Resolution: _____

Field Data Required? Y / N

Person Contacted: _____

Date/Time: _____

Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02

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