



July 09, 2024

William Kotas
Intertek PSI
17 British American Boulevard
Latham, NY 12110

RE: Project: GREEN ISLAND CSD 6/21
Pace Project No.: 70302624

Dear William Kotas:

Enclosed are the analytical results for sample(s) received by the laboratory on June 22, 2024. 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 - Melville

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

Sincerely,

Betty Harrison for
Lori A. Beyer
lori.beyer@pacelabs.com
516-370-6014
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

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SAMPLE SUMMARY

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70302624001	G007 APSB	Drinking Water	06/21/24 06:05	06/22/24 09:15
70302624002	G007 APSC	Drinking Water	06/21/24 06:06	06/22/24 09:15
70302624003	G007 AVSE	Drinking Water	06/21/24 06:07	06/22/24 09:15
70302624004	G003 SB	Drinking Water	06/21/24 06:09	06/22/24 09:15
70302624005	G019 SB	Drinking Water	06/21/24 06:11	06/22/24 09:15
70302624006	1.1245A	Drinking Water	06/21/24 06:13	06/22/24 09:15
70302624007	1.1095A	Drinking Water	06/21/24 06:15	06/22/24 09:15

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SAMPLE ANALYTE COUNT

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70302624001	G007 APSB	EPA 200.8	JP2	1
70302624002	G007 APSC	EPA 200.8	JP2	1
70302624003	G007 AVSE	EPA 200.8	JP2	1
70302624004	G003 SB	EPA 200.8	JP2	1
70302624005	G019 SB	EPA 200.8	JP2	1
70302624006	1.1245A	EPA 200.8	JP2	1
70302624007	1.1095A	EPA 200.8	JP2	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: G007 APSB		Lab ID: 70302624001	Collected: 06/21/24 06:05	Received: 06/22/24 09:15	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 - Melville						
Lead	8.7	ug/L	1.0	1		07/03/24 20:28	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: G007 APSC		Lab ID: 70302624002	Collected: 06/21/24 06:06	Received: 06/22/24 09:15	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 - Melville						
Lead	24.8	ug/L	1.0	1		07/03/24 20:29	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: G007 AVSE		Lab ID: 70302624003	Collected: 06/21/24 06:07	Received: 06/22/24 09:15	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 - Melville						
Lead	153	ug/L	1.0	1		07/03/24 20:31	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: G003 SB		Lab ID: 70302624004	Collected: 06/21/24 06:09	Received: 06/22/24 09:15	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 - Melville						
Lead	21.6	ug/L	1.0	1		07/03/24 20:32	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: G019 SB		Lab ID: 70302624005	Collected: 06/21/24 06:11	Received: 06/22/24 09:15	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 - Melville						
Lead	6.5	ug/L	1.0	1		07/03/24 20:34	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: 1.1245A	Lab ID: 70302624006	Collected: 06/21/24 06:13	Received: 06/22/24 09:15	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 - Melville						
Lead	18.1	ug/L	1.0	1		07/03/24 20:35	7439-92-1	

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ANALYTICAL RESULTS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

Sample: 1.1095A		Lab ID: 70302624007		Collected: 06/21/24 06:15	Received: 06/22/24 09:15	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 - Melville						
Lead	81.5	ug/L	1.0	1		07/03/24 20:40	7439-92-1	

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QUALITY CONTROL DATA

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

QC Batch:	354069	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70302624001, 70302624002, 70302624003, 70302624004, 70302624005, 70302624006, 70302624007

METHOD BLANK:	1836113	Matrix:	Water
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Associated Lab Samples: 70302624001, 70302624002, 70302624003, 70302624004, 70302624005, 70302624006, 70302624007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	07/03/24 19:59	

LABORATORY CONTROL SAMPLE: 1836114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.7	101	85-115	

MATRIX SPIKE SAMPLE: 1836116

Parameter	Units	70302497130 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.4	50	60.5	118	70-130	

MATRIX SPIKE SAMPLE: 1836118

Parameter	Units	70302497131 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.2	50	60.7	117	70-130	

SAMPLE DUPLICATE: 1836115

Parameter	Units	70302497130 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	1.4	1.3	0	20	

SAMPLE DUPLICATE: 1836117

Parameter	Units	70302497131 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	2.2	2.2	3	20	

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.

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QUALIFIERS

Project: GREEN ISLAND CSD 6/21

Pace Project No.: 70302624

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GREEN ISLAND CSD 6/21


Pace Project No.: 70302624

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70302624001	G007 AP SB	EPA 200.8	354069		
70302624002	G007 AP SC	EPA 200.8	354069		
70302624003	G007 AV SE	EPA 200.8	354069		
70302624004	G003 SB	EPA 200.8	354069		
70302624005	G019 SB	EPA 200.8	354069		
70302624006	1.1245A	EPA 200.8	354069		
70302624007	1.1095A	EPA 200.8	354069		

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WO#: 70302624



70302624



CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Pace® Location Requested (City/State):
Pace Analytical Long Island NY
575 Broad Hollow Rd, Melville, NY 11747

Company Name: **Intertek-PSI**
Street Address: **17 British American Blvd, Latham, NY 12210**

Contact/Report To: **William Kotas**
Phone #: **(518) 377-9841**
E-Mail: **william.kotas@intertek.com**
Cc E-Mail:

Customer Project #: **08215496**
Project Name: **Green Island CSD (Retests)**

Invoice To: **PSI Latham Accounts Payable**
Invoice E-Mail: **LathamAR@intertek.com**

Purchase Order # (if applicable):
Quote #: **CR-BOCES**

Site Collection Info/Facility ID (as applicable):
Green Island K-12

Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET
County / State origin of sample(s): **New York**

Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Rush (Pre-approval required):
[] 2 Day [] 3 day [] 5 day [] Other

Date Results Requested: Standard 10 business day

Field Filtered (if applicable): [] Yes [] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Matrix *	Customer Sample ID	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res. CL2	Number & Type of Containers Plastic Glass
DW	G007 AP5B	G	6/21/2024	6:05				1
	G007 AP5C			6:06				
	G007 AV5E			6:07				
	G003 5B			6:09				
	G019 5B			6:11				
	1.124SA			6:13				
	1.109SA			6:15				

Additional Instructions from Pace®:
Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)

Tracking Number: 6-21-24 14:23

Date/Time: 6-21-24 14:23

Date/Time: 6-21-24 14:23

Date/Time: 6-21-24 9:15

Date/Time: 6-21-24 9:15

Delivered by: [] In-Person [] Courier [] FedEx [] UPS [] Other

Page: 5 of 6

Matrix *	Customer Sample ID	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res. CL2	Number & Type of Containers Plastic Glass	Sample Comment
DW	G007 AP5B	G	6/21/2024	6:05				1	200.8 Drinking Water (Pb only) X
	G007 AP5C			6:06					
	G007 AV5E			6:07					
	G003 5B			6:09					
	G019 5B			6:11					
	1.124SA			6:13					
	1.109SA			6:15					

Customer Remarks / Special Conditions / Possible Hazards:
Lead

Collected By: Printed Name: William A. Kotas
Signature: [Signature]

Received by/Company: (Signature) [Signature]
Date/Time: 6-21-24 14:23

Received by/Company: (Signature) [Signature]
Date/Time: 6-21-24 14:23

Received by/Company: (Signature) [Signature]
Date/Time: 6-21-24 9:15

Received by/Company: (Signature) [Signature]
Date/Time: 6-21-24 9:15

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_V01_082123 ©

WO#: 70302624

PM: LAB Due Date: 07/09/24
CLIENT: INTER-LATHAM

Client Name: Inter-Latham

Project #

Courier: Fed Ex UPS USPS Client Commercial Pac Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other Type of Ice: Wet Blue None

Thermometer Used: T4211 Correction Factor: -0.1 Samples on ice, cooling process has begun

Cooler Temperature(°C): 21.8 Cooler Temperature Corrected(°C): 21.7 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Did 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 No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: 6/22 Rmd

	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	
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 checked="" 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: <u>SL</u> <u>WT</u> <u>OIL</u> OTHER	

Date and Initials of person checking preservation: 6/22 Rmd

All containers needing preservation have been <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 # <u>200623</u>	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
NAOH>12 Cyanide)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis	
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #	
Residual chlorine strips Lot #	Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Lead Acetate Strips Lot #	Positive for Sulfide? Y N
Headspace in ALK Bottle (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.