



June 26, 2024

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

RE: Project: BETHLEHEM CSD 6/11
Pace Project No.: 70301233

Dear William Kotas:

Enclosed are the analytical results for sample(s) received by the laboratory on June 12, 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: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

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: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70301233001	57	Drinking Water	06/11/24 05:39	06/12/24 08:00
70301233002	58	Drinking Water	06/11/24 05:40	06/12/24 08:00
70301233003	59	Drinking Water	06/11/24 05:40	06/12/24 08:00
70301233004	60	Drinking Water	06/11/24 05:40	06/12/24 08:00
70301233005	61	Drinking Water	06/11/24 05:42	06/12/24 08:00
70301233006	62	Drinking Water	06/11/24 05:43	06/12/24 08:00
70301233007	63	Drinking Water	06/11/24 05:54	06/12/24 08:00
70301233008	64	Drinking Water	06/11/24 05:55	06/12/24 08:00
70301233009	65	Drinking Water	06/11/24 05:58	06/12/24 08:00
70301233010	66	Drinking Water	06/11/24 05:59	06/12/24 08:00
70301233011	67	Drinking Water	06/11/24 05:57	06/12/24 08:00
70301233012	68	Drinking Water	06/11/24 05:52	06/12/24 08:00
70301233013	69	Drinking Water	06/11/24 05:50	06/12/24 08:00
70301233014	70	Drinking Water	06/11/24 05:49	06/12/24 08:00
70301233015	71	Drinking Water	06/11/24 05:48	06/12/24 08:00
70301233016	72	Drinking Water	06/11/24 05:46	06/12/24 08:00
70301233017	73	Drinking Water	06/11/24 05:44	06/12/24 08:00
70301233018	75	Drinking Water	06/11/24 06:02	06/12/24 08:00
70301233019	76	Drinking Water	06/11/24 05:28	06/12/24 08:00
70301233020	77	Drinking Water	06/11/24 05:30	06/12/24 08:00
70301233021	78	Drinking Water	06/11/24 05:31	06/12/24 08:00
70301233022	79	Drinking Water	06/11/24 05:34	06/12/24 08:00
70301233023	80	Drinking Water	06/11/24 05:35	06/12/24 08:00
70301233024	81	Drinking Water	06/11/24 05:33	06/12/24 08:00
70301233025	82	Drinking Water	06/11/24 05:29	06/12/24 08:00
70301233026	83	Drinking Water	06/11/24 05:24	06/12/24 08:00
70301233027	84	Drinking Water	06/11/24 05:26	06/12/24 08:00
70301233028	85	Drinking Water	06/11/24 05:23	06/12/24 08:00
70301233029	86	Drinking Water	06/11/24 05:37	06/12/24 08:00

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SAMPLE ANALYTE COUNT

Project: BETHLEHEM CSD 6/11
Pace Project No.: 70301233

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70301233001	57	EPA 200.8	JP2	1
70301233002	58	EPA 200.8	JP2	1
70301233003	59	EPA 200.8	JP2	1
70301233004	60	EPA 200.8	JP2	1
70301233005	61	EPA 200.8	JP2	1
70301233006	62	EPA 200.8	JP2	1
70301233007	63	EPA 200.8	JP2	1
70301233008	64	EPA 200.8	JP2	1
70301233009	65	EPA 200.8	JP2	1
70301233010	66	EPA 200.8	JP2	1
70301233011	67	EPA 200.8	JP2	1
70301233012	68	EPA 200.8	JP2	1
70301233013	69	EPA 200.8	JP2	1
70301233014	70	EPA 200.8	JP2	1
70301233015	71	EPA 200.8	JP2	1
70301233016	72	EPA 200.8	JP2	1
70301233017	73	EPA 200.8	JP2	1
70301233018	75	EPA 200.8	JP2	1
70301233019	76	EPA 200.8	JP2	1
70301233020	77	EPA 200.8	JP2	1
70301233021	78	EPA 200.8	JP2	1
70301233022	79	EPA 200.8	JP2	1
70301233023	80	EPA 200.8	JP2	1
70301233024	81	EPA 200.8	JP2	1
70301233025	82	EPA 200.8	JP2	1
70301233026	83	EPA 200.8	JP2	1
70301233027	84	EPA 200.8	JP2	1
70301233028	85	EPA 200.8	JP2	1
70301233029	86	EPA 200.8	JP2	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 57		Lab ID: 70301233001	Collected: 06/11/24 05:39	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:07	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 58		Lab ID: 70301233002	Collected: 06/11/24 05:40	Received: 06/12/24 08:00	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	3.0	ug/L	1.0	1		06/18/24 17:09	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 59		Lab ID: 70301233003		Collected: 06/11/24 05:40	Received: 06/12/24 08:00	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	1.1	ug/L	1.0	1		06/18/24 17:10	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 60		Lab ID: 70301233004	Collected: 06/11/24 05:40	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:12	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 61		Lab ID: 70301233005	Collected: 06/11/24 05:42	Received: 06/12/24 08:00	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	7.9	ug/L	1.0	1		06/18/24 17:13	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 62		Lab ID: 70301233006	Collected: 06/11/24 05:43	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:15	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 63		Lab ID: 70301233007	Collected: 06/11/24 05:54	Received: 06/12/24 08:00	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	2.3	ug/L	1.0	1		06/18/24 17:16	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 64		Lab ID: 70301233008	Collected: 06/11/24 05:55	Received: 06/12/24 08:00	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	1.5	ug/L	1.0	1		06/18/24 17:18	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 65		Lab ID: 70301233009	Collected: 06/11/24 05:58	Received: 06/12/24 08:00	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	1.1	ug/L	1.0	1		06/18/24 17:19	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 66		Lab ID: 70301233010	Collected: 06/11/24 05:59	Received: 06/12/24 08:00	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	2.8	ug/L	1.0	1		06/18/24 17:24	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 67		Lab ID: 70301233011	Collected: 06/11/24 05:57	Received: 06/12/24 08:00	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	1.7	ug/L	1.0	1		06/18/24 17:26	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 68		Lab ID: 70301233012		Collected: 06/11/24 05:52	Received: 06/12/24 08:00	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	1.9	ug/L	1.0	1		06/18/24 17:30	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 69		Lab ID: 70301233013	Collected: 06/11/24 05:50	Received: 06/12/24 08:00	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	1.3	ug/L	1.0	1		06/18/24 17:35	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 70		Lab ID: 70301233014	Collected: 06/11/24 05:49	Received: 06/12/24 08:00	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	1.7	ug/L	1.0	1		06/18/24 17:42	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 71		Lab ID: 70301233015	Collected: 06/11/24 05:48	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:44	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 72		Lab ID: 70301233016		Collected: 06/11/24 05:46	Received: 06/12/24 08:00	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	1.5	ug/L	1.0	1		06/18/24 17:45	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 73		Lab ID: 70301233017	Collected: 06/11/24 05:44	Received: 06/12/24 08:00	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	1.8	ug/L	1.0	1		06/18/24 17:47	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 75		Lab ID: 70301233018	Collected: 06/11/24 06:02	Received: 06/12/24 08:00	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	11.0	ug/L	1.0	1		06/18/24 17:48	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 76		Lab ID: 70301233019		Collected: 06/11/24 05:28	Received: 06/12/24 08:00	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	1.1	ug/L	1.0	1		06/18/24 17:50	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 77		Lab ID: 70301233020	Collected: 06/11/24 05:30	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:51	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 78		Lab ID: 70301233021	Collected: 06/11/24 05:31	Received: 06/12/24 08:00	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	2.3	ug/L	1.0	1		06/18/24 17:53	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 79		Lab ID: 70301233022	Collected: 06/11/24 05:34	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:55	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 80		Lab ID: 70301233023		Collected: 06/11/24 05:35	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 17:56	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 81		Lab ID: 70301233024	Collected: 06/11/24 05:33	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 18:01	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 82		Lab ID: 70301233025		Collected: 06/11/24 05:29	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 18:02	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 83		Lab ID: 70301233026		Collected: 06/11/24 05:24	Received: 06/12/24 08:00	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	1.4	ug/L	1.0	1		06/18/24 18:04	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 84		Lab ID: 70301233027	Collected: 06/11/24 05:26	Received: 06/12/24 08:00	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	1.2	ug/L	1.0	1		06/18/24 18:05	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 85		Lab ID: 70301233028		Collected: 06/11/24 05:23	Received: 06/12/24 08:00	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	2.0	ug/L	1.0	1		06/18/24 18:07	7439-92-1	

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ANALYTICAL RESULTS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Sample: 86		Lab ID: 70301233029	Collected: 06/11/24 05:37	Received: 06/12/24 08:00	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	<1.0	ug/L	1.0	1		06/18/24 18:08	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

QC Batch:	352092	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:	70301233001, 70301233002, 70301233003, 70301233004, 70301233005, 70301233006, 70301233007, 70301233008, 70301233009, 70301233010, 70301233011		

METHOD BLANK:	1823868	Matrix:	Water
Associated Lab Samples:	70301233001, 70301233002, 70301233003, 70301233004, 70301233005, 70301233006, 70301233007, 70301233008, 70301233009, 70301233010, 70301233011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/18/24 16:38	

LABORATORY CONTROL SAMPLE: 1823869						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.2	98	85-115	

MATRIX SPIKE SAMPLE: 1823871							
Parameter	Units	70301618023 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	53.4	106	70-130	

MATRIX SPIKE SAMPLE: 1823873							
Parameter	Units	70301619033 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.7	50	56.2	109	70-130	

SAMPLE DUPLICATE: 1823870						
Parameter	Units	70301618023 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		20	

SAMPLE DUPLICATE: 1823872						
Parameter	Units	70301619033 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	1.7	1.7	0	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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

QC Batch:	352094	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:	70301233012, 70301233013, 70301233014, 70301233015, 70301233016, 70301233017, 70301233018, 70301233019, 70301233020, 70301233021, 70301233022, 70301233023, 70301233024, 70301233025, 70301233026, 70301233027, 70301233028, 70301233029		

METHOD BLANK:	1823878	Matrix:	Water
Associated Lab Samples:	70301233012, 70301233013, 70301233014, 70301233015, 70301233016, 70301233017, 70301233018, 70301233019, 70301233020, 70301233021, 70301233022, 70301233023, 70301233024, 70301233025, 70301233026, 70301233027, 70301233028, 70301233029		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	06/18/24 20:33	

LABORATORY CONTROL SAMPLE:	1823879					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.5	99	85-115	

MATRIX SPIKE SAMPLE:	1823881						
Parameter	Units	70301233012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.9	50	57.4	111	70-130	

MATRIX SPIKE SAMPLE:	1823883						
Parameter	Units	70301233013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.3	50	54.5	106	70-130	

SAMPLE DUPLICATE:	1823880					
Parameter	Units	70301233012 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	1.9	1.9	1	20	

SAMPLE DUPLICATE:	1823882					
Parameter	Units	70301233013 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	1.3	1.2	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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BETHLEHEM CSD 6/11

Pace Project No.: 70301233

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70301233001	57	EPA 200.8	352092		
70301233002	58	EPA 200.8	352092		
70301233003	59	EPA 200.8	352092		
70301233004	60	EPA 200.8	352092		
70301233005	61	EPA 200.8	352092		
70301233006	62	EPA 200.8	352092		
70301233007	63	EPA 200.8	352092		
70301233008	64	EPA 200.8	352092		
70301233009	65	EPA 200.8	352092		
70301233010	66	EPA 200.8	352092		
70301233011	67	EPA 200.8	352092		
70301233012	68	EPA 200.8	352094		
70301233013	69	EPA 200.8	352094		
70301233014	70	EPA 200.8	352094		
70301233015	71	EPA 200.8	352094		
70301233016	72	EPA 200.8	352094		
70301233017	73	EPA 200.8	352094		
70301233018	75	EPA 200.8	352094		
70301233019	76	EPA 200.8	352094		
70301233020	77	EPA 200.8	352094		
70301233021	78	EPA 200.8	352094		
70301233022	79	EPA 200.8	352094		
70301233023	80	EPA 200.8	352094		
70301233024	81	EPA 200.8	352094		
70301233025	82	EPA 200.8	352094		
70301233026	83	EPA 200.8	352094		
70301233027	84	EPA 200.8	352094		
70301233028	85	EPA 200.8	352094		
70301233029	86	EPA 200.8	352094		

REPORT OF LABORATORY ANALYSIS

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WO#: 70301233



70301233

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

Pace®
 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

Customer Project #: 08215496
Project Name: Bethlehem CSD

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

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):
 Glenmont Elementary School

Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET
 Data Deliverables:

[] Level II [] Level III [] Level IV
 [] EQUIS
 [] Other

Regulatory Program (DW, RCRA, etc.) as applicable: NY Lead in School DW
 New York

Rush (Pre-approval required):
 [] 2 Day [] 3 day [] 5 day [] Other
 DW PWSID # or WW Permit # as applicable:
 Field Filtered (if applicable): [] Yes [] No
 Analysis:

Matrix * / Customer Sample ID

Matrix *	Customer Sample ID	Collected		Res. CL2	Number & Type of Containers	Preservation non-conformance identified for sample
		Date	Time			
DW	57	6/11/24	5:39		1 Plastic	
	58	6/11/24	5:40			
	59	6/11/24	5:40			
	60	6/11/24	5:40			
	61	6/11/24	5:42			
	62	6/11/24	5:43			
	63	6/11/24	5:49			
	64	6/11/24	5:55			
	65	6/11/24	5:58			
	66	6/11/24	5:59			

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

Lab Use Only

Proj. Mgr: Lori Beyer
 AcctNum / Client ID:
 Table #:
 Profile / Template: 10367
 Prelog / Bottle Ord. ID:

Sample Comment

Additional Instructions from Pace*:

Collected By: Richard Paszkiewicz
 Printed Name: Richard Paszkiewicz
 Signature: *[Signature]*

Received by/Company (Signature): *[Signature]*
 Received by/Company (Signature): *[Signature]*
 Received by/Company (Signature): *[Signature]*
 Received by/Company (Signature): *[Signature]*

Date/Time: 6-11-24 9:10
 Date/Time: 6/11/24 1600
 Date/Time: 6/11/24
 Date/Time: 6/12 4-10

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

Page: 1 of 3

Customer Remarks / Special Conditions / Possible Hazards:

Lead

Relinquished by/Company (Signature): *[Signature]*
 Relinquished by/Company (Signature): *[Signature]*
 Relinquished by/Company (Signature): *[Signature]*
 Relinquished by/Company (Signature): *[Signature]*

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/

Paul Savone *Pace* *6/12 8:00*

all day *6/12/24 8:00*



Scan QR Code for instructions

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Customer Project #: 08215496
 Project Name: Bethlehem CSD
 Site Collection Info/Facility ID (as applicable):
 Glanmont Elementary School

Contact/Report To: William Kotas
 Phone #: (518) 377-9841
 E-Mail: william.kotas@intertek.com
 Cc E-Mail:
 Invoice To: PSI Latham Accounts Payable
 Invoice E-Mail: LathamAR@intertek.com
 Purchase Order # (if applicable):
 Quote #: CR-BOCES

County / State origin of sample(s): New York
 Regulatory Program (DW, RCRA, etc.) as applicable: NY Lead in School DW
 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

Customer Sample ID	Matrix *	Comp / Grab	Collected		Composite End Date	Res. CL2	Number & Type of Containers		Sample Comment
			Date	Time			Plastic	Glass	
67	DW	G	6/11/24	557			1		X
68			6/11/24	552					
69			6/11/24	550					
70			6/11/24	549					
71			6/11/24	548					
72			6/11/24	546					
73			6/11/24	544					
75			6/11/24	602					
76			6/11/24	528					
77			6/11/24	530					

Additional Instructions from Pace*:
 Collected By: Richard Paszkiewicz
 Printed Name: Richard Paszkiewicz
 Signature: *[Signature]*
 Received by/Company: *[Signature]* Pace
 Date/Time: 6/11/24 9:40
 Tracking Number:
 Delivered by: [] In-Person [] Courier
 [] FedEx [] UPS [] Other
 Page: 2 of 3

WO#: 70301233
PM: LAB Due Date: **06/26/24**
CLIENT: INTER-LATHAM

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 12120**

Customer Project #: **08215496**
 Project Name: **Bethlehem CSD**

Site Collection Info/Facility ID (as applicable):
Glenmont Elementary School

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

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

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

Specify Container Size **
 Identify Container Preservative Type***

Analysis Requested

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
 *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn-Acetate, (7) NaHSO4, (8) Soda Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

County / State origin of sample(s): **New York**

Regulatory Program (DW, RCRA, etc.) as applicable: **NY Lead in School DW**

Rush (Pre-approval required):
 DW PWSID # or WW Permit # as applicable:
 Field Filtered (if applicable): [] Yes [] No
 Analyte:

Date Results Requested:
 Standard 10 business day

Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET

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

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected		Res. CL2	Composite End			Number & Type of Containers	Preservation non-conformance identified for
			Date	Time		Date	Time	Plastic		
78	DW	G	6/11/24	5:31					1	X
79			6/11/24	5:34						
80			6/11/24	5:35						
81			6/11/24	5:33						
82			6/11/24	5:29						
83			6/11/24	5:24						
84			6/11/24	5:26						
85			6/11/24	5:23						
86			6/11/24	5:37						

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

Collected By: **Richard Paszkiewicz**
 Signature: *[Signature]*

Received by/Company (Signature): *[Signature]* Date/Time: **6-11-24 9:40**

Received by/Company (Signature): *[Signature]* Date/Time: **6/11/24 10:01**

Received by/Company (Signature): *[Signature]* Date/Time: **6/11/24 10:01**

Received by/Company (Signature): *[Signature]* Date/Time: **6/11/24 10:01**

Received by/Company (Signature): *[Signature]* Date/Time: **6/11/24 10:01**

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

Page: **3** of **3**

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/>

6/12 8:00
 6/12 4:10
 6/12 24 8:00

WO#: 70301233
PM: LAB **Due Date: 06/26/24**
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 Ziplo None Other _____ Type of Ice: Wet Blue None
 Thermometer Used: TH211 Correction Factor: -0.1 Samples on ice, cooling process has begun
 Cooler Temperature (°C): 25.1 Cooler Temperature Corrected (°C): 25.0 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: AR 061324

	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 type="checkbox"/> Yes <input checked="" 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 checked="" 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> <input checked="" type="checkbox"/> <u>WT</u> <input type="checkbox"/> <u>OIL</u> <input type="checkbox"/> <u>OTHER</u>	

Date and Initials of person checking preservation: AR 061324

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).	
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. Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
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. Positive for Sulfide? Y N
Lead Acetate Strips Lot #	
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.