



February 19, 2024

Jarrett Butchino
Citi Boces Hannibal Central Shool District
928 Cayuga Street
Hannibal, NY 13074

RE: Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Dear Jarrett Butchino:

Enclosed are the analytical results for sample(s) received by the laboratory on February 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,

A handwritten signature in blue ink, appearing to read 'Matthew T. Nemeth'.

Matthew T. Nemeth
matthew.nemeth@pacelabs.com
516-370-6042
Project Manager

Enclosures

cc: Nancy Henner, Hannibal CSD



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-1		Lab ID: 70287040001		Collected: 02/08/24 04:00		Received: 02/12/24 09:29		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		02/15/24 15:27	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-2		Lab ID: 70287040002		Collected: 02/08/24 04:02		Received: 02/12/24 09:29		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	2.4	ug/L	1.0	1		02/15/24 15:30	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-3		Lab ID: 70287040003		Collected: 02/08/24 04:03		Received: 02/12/24 09:29		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		02/15/24 15:34	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-4		Lab ID: 70287040004		Collected: 02/08/24 04:03		Received: 02/12/24 09:29		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		02/15/24 15:37	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-5		Lab ID: 70287040005		Collected: 02/08/24 04:05		Received: 02/12/24 09:29		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		02/15/24 15:44	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-6		Lab ID: 70287040006		Collected: 02/08/24 04:06		Received: 02/12/24 09:29		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		02/15/24 15:47	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-7		Lab ID: 70287040007		Collected: 02/08/24 04:09		Received: 02/12/24 09:29		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		02/15/24 15:58	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-8		Lab ID: 70287040008		Collected: 02/08/24 04:09		Received: 02/12/24 09:29		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		02/15/24 16:07	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-9		Lab ID: 70287040009		Collected: 02/08/24 04:12		Received: 02/12/24 09:29		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		02/15/24 16:08	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-10		Lab ID: 70287040010		Collected: 02/08/24 04:12		Received: 02/12/24 09:29		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		02/15/24 16:11	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-11		Lab ID: 70287040011		Collected: 02/08/24 04:14		Received: 02/12/24 09:29		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		02/15/24 16:21	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-12		Lab ID: 70287040012		Collected: 02/08/24 04:15		Received: 02/12/24 09:29		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		02/15/24 16:24	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-13		Lab ID: 70287040013		Collected: 02/08/24 04:15		Received: 02/12/24 09:29		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		02/15/24 16:28	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-14		Lab ID: 70287040014		Collected: 02/08/24 04:17		Received: 02/12/24 09:29		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		02/15/24 16:31	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-15		Lab ID: 70287040015		Collected: 02/08/24 04:17		Received: 02/12/24 09:29		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		02/16/24 10:32	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-16		Lab ID: 70287040016		Collected: 02/08/24 04:18		Received: 02/12/24 09:29		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		02/16/24 10:43	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-17		Lab ID: 70287040017		Collected: 02/08/24 04:18		Received: 02/12/24 09:29		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		02/16/24 10:46	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-18		Lab ID: 70287040018		Collected: 02/08/24 04:20		Received: 02/12/24 09:29		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		02/16/24 10:49	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-19		Lab ID: 70287040019		Collected: 02/08/24 04:20		Received: 02/12/24 09:29		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		02/16/24 10:52	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-20		Lab ID: 70287040020		Collected: 02/08/24 04:22		Received: 02/12/24 09:29		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		02/16/24 10:53	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-21		Lab ID: 70287040021		Collected: 02/08/24 04:23		Received: 02/12/24 09:29		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		02/16/24 10:55	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-22		Lab ID: 70287040022		Collected: 02/08/24 04:26		Received: 02/12/24 09:29		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	8.3	ug/L	1.0	1		02/16/24 10:59	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-23		Lab ID: 70287040023		Collected: 02/08/24 04:28		Received: 02/12/24 09:29		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		02/16/24 11:01	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-24		Lab ID: 70287040024		Collected: 02/08/24 04:28		Received: 02/12/24 09:29		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		02/16/24 11:02	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-25		Lab ID: 70287040025		Collected: 02/08/24 04:29		Received: 02/12/24 09:29		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		02/16/24 11:04	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-26		Lab ID: 70287040026		Collected: 02/08/24 04:32		Received: 02/12/24 09:29		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		02/16/24 12:14	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-27		Lab ID: 70287040027		Collected: 02/08/24 04:33		Received: 02/12/24 09:29		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		02/16/24 12:18	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-28		Lab ID: 70287040028		Collected: 02/08/24 04:33		Received: 02/12/24 09:29		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		02/16/24 12:21	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-29		Lab ID: 70287040029		Collected: 02/08/24 04:37		Received: 02/12/24 09:29		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		02/16/24 12:25	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-30		Lab ID: 70287040030		Collected: 02/08/24 04:41		Received: 02/12/24 09:29		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	86.1	ug/L	1.0	1		02/16/24 12:31	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-31		Lab ID: 70287040031		Collected: 02/08/24 04:42		Received: 02/12/24 09:29		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		02/16/24 12:36	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-32		Lab ID: 70287040032		Collected: 02/08/24 04:46		Received: 02/12/24 09:29		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		02/16/24 12:40	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-33		Lab ID: 70287040033		Collected: 02/08/24 04:46		Received: 02/12/24 09:29		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		02/16/24 12:42	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-34		Lab ID: 70287040034		Collected: 02/08/24 04:48		Received: 02/12/24 09:29		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		02/16/24 12:54	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-35		Lab ID: 70287040035		Collected: 02/08/24 04:49		Received: 02/12/24 09:29		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		02/16/24 12:58	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-36		Lab ID: 70287040036		Collected: 02/08/24 04:49		Received: 02/12/24 09:29		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		02/16/24 13:00	7439-92-1		

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-37		Lab ID: 70287040037		Collected: 02/08/24 04:51		Received: 02/12/24 09:29		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		02/16/24 13:06	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Sample: HS-38		Lab ID: 70287040038		Collected: 02/08/24 04:51		Received: 02/12/24 09:29		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		02/16/24 13:09	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-39		Lab ID: 70287040039		Collected: 02/08/24 04:52		Received: 02/12/24 09:29		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		02/16/24 13:13	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-40		Lab ID: 70287040040		Collected: 02/08/24 07:10		Received: 02/12/24 09:29		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		02/16/24 13:18	7439-92-1		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

Sample: HS-41		Lab ID: 70287040041		Collected: 02/08/24 07:10		Received: 02/12/24 09:29		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		02/16/24 13:26	7439-92-1		

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

QC Batch: 337488 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: 70287040001, 70287040002, 70287040003, 70287040004, 70287040005, 70287040006

METHOD BLANK: 1735510 Matrix: Water
Associated Lab Samples: 70287040001, 70287040002, 70287040003, 70287040004, 70287040005, 70287040006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	02/15/24 15:02	

LABORATORY CONTROL SAMPLE: 1735511

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.6	103	85-115	

MATRIX SPIKE SAMPLE: 1735513

Parameter	Units	70287038113 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	51.6	103	70-130	

MATRIX SPIKE SAMPLE: 1735515

Parameter	Units	70287038114 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	47.7	95	70-130	

SAMPLE DUPLICATE: 1735512

Parameter	Units	70287038113 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1735514

Parameter	Units	70287038114 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

QC Batch:	337489	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:	70287040007, 70287040008, 70287040009, 70287040010, 70287040011, 70287040012, 70287040013, 70287040014		

METHOD BLANK:	1735516	Matrix:	Water
Associated Lab Samples:	70287040007, 70287040008, 70287040009, 70287040010, 70287040011, 70287040012, 70287040013, 70287040014		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	02/15/24 15:50	

LABORATORY CONTROL SAMPLE:	1735517					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.5	103	85-115	

MATRIX SPIKE SAMPLE:		1735519					
		70287039009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	47.5	95	70-130	

MATRIX SPIKE SAMPLE:		1735521					
		70287040007	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	47.7	95	70-130	

SAMPLE DUPLICATE: 1735518					
Parameter	Units	70287039009 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1735520					
		70287040007	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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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QUALITY CONTROL DATA

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

QC Batch:	337675	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:	70287040015, 70287040016, 70287040017, 70287040018, 70287040019, 70287040020, 70287040021, 70287040022, 70287040023, 70287040024, 70287040025		

METHOD BLANK:	1736481	Matrix:	Water
Associated Lab Samples:	70287040015, 70287040016, 70287040017, 70287040018, 70287040019, 70287040020, 70287040021, 70287040022, 70287040023, 70287040024, 70287040025		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	02/16/24 10:23	

LABORATORY CONTROL SAMPLE:	1736482					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.5	99	85-115	

MATRIX SPIKE SAMPLE:		1736485					
		70287039001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	1.7	50	49.4	95	70-130	

MATRIX SPIKE SAMPLE:		1736487					
		70287040015	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	49.2	98	70-130	

SAMPLE DUPLICATE: 1736484

Parameter	Units	70287039001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.7	1.7	2	

SAMPLE DUPLICATE: 1736486					
		70287040015	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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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QUALITY CONTROL DATA

Project: LEADS-HANNIBAL CSD 2/8
Pace Project No.: 70287040

QC Batch:	337677	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:	70287040026, 70287040027, 70287040028, 70287040029, 70287040030, 70287040031, 70287040032, 70287040033		

METHOD BLANK: 1736494 Matrix: Water
Associated Lab Samples: 70287040026, 70287040027, 70287040028, 70287040029, 70287040030, 70287040031, 70287040032, 70287040033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	02/16/24 11:58	

LABORATORY CONTROL SAMPLE: 1736495						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.1	100	85-115	

MATRIX SPIKE SAMPLE:		1736497					
		70287039048	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	51.0	102	70-130	

MATRIX SPIKE SAMPLE:		1736499					
		70287039049	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	48.4	95	70-130	

SAMPLE DUPLICATE: 1736496					
Parameter	Units	70287039048 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1736498					
Parameter	Units	70287039049 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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QUALITY CONTROL DATA

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

QC Batch:	337693	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:	70287040034, 70287040035, 70287040036, 70287040037, 70287040038, 70287040039, 70287040040, 70287040041		

METHOD BLANK:	1736549	Matrix:	Water
Associated Lab Samples:	70287040034, 70287040035, 70287040036, 70287040037, 70287040038, 70287040039, 70287040040, 70287040041		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	02/16/24 12:43	

LABORATORY CONTROL SAMPLE:	1736550					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.6	101	85-115	

MATRIX SPIKE SAMPLE:		1736552					
		70287039060	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	50.0	99	70-130	

MATRIX SPIKE SAMPLE:		1736554					
		70287040034	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	47.2	94	70-130	

SAMPLE DUPLICATE: 1736551					
		70287039060	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1736553					
		70287040034	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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.

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QUALIFIERS

Project: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

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: LEADS-HANNIBAL CSD 2/8

Pace Project No.: 70287040

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70287040001	HS-1	EPA 200.8	337488		
70287040002	HS-2	EPA 200.8	337488		
70287040003	HS-3	EPA 200.8	337488		
70287040004	HS-4	EPA 200.8	337488		
70287040005	HS-5	EPA 200.8	337488		
70287040006	HS-6	EPA 200.8	337488		
70287040007	HS-7	EPA 200.8	337489		
70287040008	HS-8	EPA 200.8	337489		
70287040009	HS-9	EPA 200.8	337489		
70287040010	HS-10	EPA 200.8	337489		
70287040011	HS-11	EPA 200.8	337489		
70287040012	HS-12	EPA 200.8	337489		
70287040013	HS-13	EPA 200.8	337489		
70287040014	HS-14	EPA 200.8	337489		
70287040015	HS-15	EPA 200.8	337675		
70287040016	HS-16	EPA 200.8	337675		
70287040017	HS-17	EPA 200.8	337675		
70287040018	HS-18	EPA 200.8	337675		
70287040019	HS-19	EPA 200.8	337675		
70287040020	HS-20	EPA 200.8	337675		
70287040021	HS-21	EPA 200.8	337675		
70287040022	HS-22	EPA 200.8	337675		
70287040023	HS-23	EPA 200.8	337675		
70287040024	HS-24	EPA 200.8	337675		
70287040025	HS-25	EPA 200.8	337675		
70287040026	HS-26	EPA 200.8	337677		
70287040027	HS-27	EPA 200.8	337677		
70287040028	HS-28	EPA 200.8	337677		
70287040029	HS-29	EPA 200.8	337677		
70287040030	HS-30	EPA 200.8	337677		
70287040031	HS-31	EPA 200.8	337677		
70287040032	HS-32	EPA 200.8	337677		
70287040033	HS-33	EPA 200.8	337677		
70287040034	HS-34	EPA 200.8	337693		
70287040035	HS-35	EPA 200.8	337693		
70287040036	HS-36	EPA 200.8	337693		
70287040037	HS-37	EPA 200.8	337693		
70287040038	HS-38	EPA 200.8	337693		
70287040039	HS-39	EPA 200.8	337693		
70287040040	HS-40	EPA 200.8	337693		
70287040041	HS-41	EPA 200.8	337693		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

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

Company Name: Citi Boces Hannibal Central School District
Street Address: 928 Cayuga Street, Hannibal, NY 13074

Contact/Report To: Jarrett Butchino
Phone #: (315)564-8258
E-Mail: jbutchin@hannibalcsd.org
Cc E-Mail:

Customer Project #:

Project Name: LEADS - HANNIBAL CSD

Invoice To: Nancy Henner
Invoice E-Mail: nhenner@hannibalcsd.org
Purchase Order # (if applicable):
Quote #:

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [] A [] K [] PT [] MT [] CT [] ET
Data Deliverables: [] Level II [] Level III [] Level IV
[] EQUIS
[] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
Field Filtered (if applicable): [] Yes [] No
Analysis: DW PWSID # or WWP Permit # as applicable:
Requested: 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), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Composite Start		Composite End		# Cont.	Res. Chlorine	
		Date	Time	Date	Time		Results	Units
HS-21	DW	2-8-24	4:23 AM	2-8-24	4:23 AM			
HS-22	DW	2-8-24	4:25 AM	2-8-24	4:26 AM			
HS-23	DW	2-8-24	4:28 AM	2-8-24	4:28 AM			
HS-24	DW	2-8-24	4:28 AM	2-8-24	4:28 AM			
HS-25	DW	2-8-24	4:29 AM	2-8-24	4:29 AM			
HS-26	DW	2-8-24	4:32 AM	2-8-24	4:32 AM			
HS-27	DW	2-8-24	4:32 AM	2-8-24	4:33 AM			
HS-28	DW	2-8-24	4:33 AM	2-8-24	4:33 AM			
HS-29	DW	2-8-24	4:36 AM	2-8-24	4:37 AM			
HS-30	DW	2-8-24	4:41 AM	2-8-24	4:41 AM			

Additional Instructions from Pace®:

Collected By: Jarrett Butchino
(Printed Name)
Signature: Jarrett Butchino

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

LAB USE ONLY- Affix Workorder/Login Label Here



Scan QR Code for instructions

Specify Container Size **
*** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
Identify Container Preservative Type***
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Analysis Requested
Lab Use Only
Proj. Mgr: Matthew Nemeth
AcctNum / Client ID:
Table #:
Profile / Template: 10545
Prelog / Bottle Ord. ID: EZ 3068074
Sample Comment
Preservation non-conformance identified for sample.

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: 2-bx
Thermometer ID: TH211
Obs. Temp. (°C): 16.1
Correction Factor (°C): +0.4
Corrected Temp. (°C): 16.5
On Ice: 2
Tracking Number: 21724 9:29
Date/Time: 2/17/24 9:29
Delivered by: [] In-Person [] Courier
[] FedEx [] UPS [] Other
Page: 1 of 1



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

CHAIN-OF-CUSTODY Analytical Request Document

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

Company Name: Citi Boces Hannibal Central School District
Street Address: 928 Cayuga Street, Hannibal, NY 13074

Contact/Report To: Jarrett Butchino
Phone #: (315)564-8258
E-Mail: jbutchin@hannibalcsd.org
Cc E-Mail:

Customer Project #: LEADS - HANNIBAL CSD

Invoice To: Nancy Henner
Invoice E-Mail: nhenner@hannibalcsd.org
Purchase Order # (if applicable):
Quote #:

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [] AK [] MT [] PT [] ET [] CT [] Other
Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other
Date Results Requested: Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
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), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID		Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine
				Date	Time	Date	Time		Results Units
HS-31	DW	G		2-8-24	4:49AM	2-8-24	4:49AM		
HS-32	DW	G		2-8-24	4:45AM	2-8-24	4:46AM		
HS-33	DW	G		2-8-24	4:46AM	2-8-24	4:46AM		
HS-34	DW	G		2-8-24	4:48AM	2-8-24	4:48AM		
HS-35	DW	G		2-8-24	4:48AM	2-8-24	4:49AM		
HS-36	DW	G		2-8-24	4:49AM	2-8-24	4:49AM		
HS-37	DW	G		2-8-24	4:51AM	2-8-24	4:51AM		
HS-38	DW	G		2-8-24	4:51AM	2-8-24	4:51AM		
HS-39	DW	G		2-8-24	4:52AM	2-8-24	4:52AM		
HS-40	DW	G		2-8-24	7:10AM	2-8-24	7:10AM		

Additional Instructions from Pace®:

Collected By: Jarrett Butchino
(Printed Name)
Signature: Jarrett Butchino

Received by/Company: Signature
Signature: JACE LA

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: 2-bv
Thermometer ID: TH211
Correction Factor (°C): +0.4
Obs. Temp. (°C): 16.1
Corrected Temp. (°C): 16.5
On Ice: ~

Tracking Number:

Date/Time: 2/12/24 9:29

Delivered by: [] In-Person [] Courier

[] FedEx [] UPS [] Other

Page: 1 of 1

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_v02_110123 ©

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Scan QR Code for instructions

Specify Container Size **
125mL (5) 100mL (6) 40mL vial (7) EnCore (8) TerraCore (9) 50mL (10) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested		Lab Use Only	
		Proj. Mgr: Matthew Nemeth	
		ActNum / Client ID:	
		Table #:	
		Profile / Template:	
		10545	
		Prelog / Bottle Ord. ID:	
		EZ 3068074	
		Sample Comment	

200.8 MET ICPSMS Drinking Water

Preservation non-conformance identified for sample.

	District	Project	ID / Locations
1	Hannibal CSD	High School	HS.Basement.FL.Kit.Prep Sink/Faucet
2	Hannibal CSD	High School	HS.Basement.FL.Kit.Kettle.Faucet
3	Hannibal CSD	High School	HS.Basement.FL.Kit.2 Bay.Prep Sink/Faucet
4	Hannibal CSD	High School	HS.Basement.FL.Kit.Handwash Sink/Faucet
5	Hannibal CSD	High School	HS.Basement.FL.Kit.Dishroom.3 Bay Sink/Faucet.1
6	Hannibal CSD	High School	HS.Basement.FL.Kit.Dishroom.3 Bay Sink/Faucet.2
7	Hannibal CSD	High School	HS.BASE.FL.AUD.HALL.FOUNTAIN.LH
8	Hannibal CSD	High School	HS.BASE.FL.AUD.HALL.FOUNTAIN.BF
9	Hannibal CSD	High School	HS.BASE.FL.AUD.HALL.FOUNTAIN.RH
10	Hannibal CSD	High School	HS.1ST.FL.DO.KIT.FAUCET.LH
11	Hannibal CSD	High School	HS.1ST.FL.DO.KIT.FAUCET.RH
12	Hannibal CSD	High School	HS.1ST.FL.DO HALL.FOUNTAIN.LH
13	Hannibal CSD	High School	HS.1ST.FL.DO HALL.FOUNTAIN.BF
14	Hannibal CSD	High School	HS.1ST.FL.DO HALL.FOUNTAIN.RH
15	Hannibal CSD	High School	HS.1ST.FL.GYM.LOBBY.FOUNTAIN.LH
16	Hannibal CSD	High School	HS.1ST.FL.GYM.LOBBY.FOUNTAIN.BF
17	Hannibal CSD	High School	HS.1ST.FL.GYM.LOBBY.FOUNTAIN.RH
18	Hannibal CSD	High School	HS.1ST.FL.BOYS.TEAM.FOUNTAIN.LH
19	Hannibal CSD	High School	HS.1ST.FL.BOYS.TEAM.FOUNTAIN.RH
20	Hannibal CSD	High School	HS.1ST.FL.CONCESSION.ICE MAKER
21	Hannibal CSD	High School	HS.1ST.FL.CONCESSION.SINK/FAUCET
22	Hannibal CSD	High School	HS.1ST.FL.FITNESS.CENTER.FOUNTAIN
23	Hannibal CSD	High School	HS.1ST.FL.LIB/ATTEND.HALL.FOUNTAIN.LH
24	Hannibal CSD	High School	HS.1ST.FL.LIB/ATTEND.HALL.FOUNTAIN.BF
25	Hannibal CSD	High School	HS.1ST.FL.LIB/ATTEND.HALL.FOUNTAIN.RH
26	Hannibal CSD	High School	HS.1ST.FL.113/111.HALL.FOUNTAIN.LH
27	Hannibal CSD	High School	HS.1ST.FL.113/111.HALL.FOUNTAIN.BF
28	Hannibal CSD	High School	HS.1ST.FL.113/111.HALL.FOUNTAIN.RH
29	Hannibal CSD	High School	HS.1ST.FL.103.FACULTY.FAUCET
30	Hannibal CSD	High School	HS.1ST.FL.128.NURSE.OFFICE.FAUCET
31	Hannibal CSD	High School	HS.1ST.FL.128.NURSE.LAV.FAUCET
32	Hannibal CSD	High School	HS.2ND.FL.CHORUS.820.FOUNTAIN
33	Hannibal CSD	High School	HS.2ND.FL.CHORUS.820.FOUNTAIN.BF
34	Hannibal CSD	High School	HS.2ND.FL.814/816.HALL.FOUNTAIN.LH
35	Hannibal CSD	High School	HS.2ND.FL.814/816.HALL.FOUNTAIN.BF
36	Hannibal CSD	High School	HS.2ND.FL.814/816.HALL.FOUNTAIN.RH
37	Hannibal CSD	High School	HS.2ND.FL.802/804.HALL.FOUNTAIN.LH
38	Hannibal CSD	High School	HS.2ND.FL.802/804.HALL.FOUNTAIN.BF
39	Hannibal CSD	High School	HS.2ND.FL.802/804.HALL.FOUNTAIN.RH
40	Hannibal CSD	Concession	HS.SPORTS.COMPLEX.FOUNTAIN.LH
41	Hannibal CSD	Concession	HS.SPORTS.COMPLEX.FOUNTAIN.RH

Client: Citi Be Hann
 Mark ID: Leads-Hannibal

Multiday Project

Work ID: Leads-Hennibel SD

Researcher's Name

* Can also be a DP4N

BP07	300mL H ₂ SO ₄ plastic
BP08	300mL H ₂ SO ₄ bottle
BP09	250mL Trizma
BP10	250mL Ammonium Acetate
BP11	250mL NH ₄ SO ₄ -NH ₄ OH
BP12	1L HNO ₃ , Zn Acetate
BP13	1L HNO ₃ plastic
BP14	Na Thiosulfate Amber Bottle
BP15	Na Thiosulfate Amber Bottle

Additional Comments

PM: MN2 Due Date: 02/21/24
CLIENT: Citi Bo Hann

WO#: 70287040

Client Name:

Project

PM: MN2

Due Date: 02/21/24

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pack ☐ Other

CLIENT: Citi Bo Hann

Tracking #: 7057 1745 628

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: 40.4 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 16.1 Cooler Temperature Corrected (°C): 16.5 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 5.0°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:

ASF 2/12/24

	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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested <input checked="" 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	11.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	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 OTHER	

Date and Initials of person checking preservation:

ASF 2/12/24

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 # 211821A	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	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15.
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Sulfide? Y N
Lead Acetate Strips Lot #	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	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW:

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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