



January 16, 2024

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

RE: Project: MOHONASEN CSD 01/11
Pace Project No.: 70283940

Dear William Kotas:

Enclosed are the analytical results for sample(s) received by the laboratory on January 11, 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 cursive script that reads "Lori Beyer".

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

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: MOHONASEN CSD 01/11

Pace Project No.: 70283940

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: MOHONASEN CSD 01/11
Pace Project No.: 70283940

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70283940001	P-5	Drinking Water	01/10/24 08:24	01/11/24 08:00

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SAMPLE ANALYTE COUNT

Project: MOHONASEN CSD 01/11
Pace Project No.: 70283940

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70283940001	P-5	EPA 200.8	JP2	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: MOHONASEN CSD 01/11

Pace Project No.: 70283940

Sample: P-5		Lab ID: 70283940001	Collected: 01/10/24 08:24	Received: 01/11/24 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		01/15/24 18:35	7439-92-1	

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QUALITY CONTROL DATA

Project: MOHONASEN CSD 01/11

Pace Project No.: 70283940

QC Batch: 334044

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: 70283940001

METHOD BLANK: 1716188

Matrix: Water

Associated Lab Samples: 70283940001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	01/15/24 18:02	

LABORATORY CONTROL SAMPLE: 1716189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.2	102	85-115	

MATRIX SPIKE SAMPLE: 1716191

Parameter	Units	70284173007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	49.6	98	70-130	

MATRIX SPIKE SAMPLE: 1716193

Parameter	Units	70284173008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.1	50	50.3	98	70-130	

SAMPLE DUPLICATE: 1716190

Parameter	Units	70284173007 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		20	

SAMPLE DUPLICATE: 1716192

Parameter	Units	70284173008 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	1.1	1.0	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: MOHONASEN CSD 01/11

Pace Project No.: 70283940

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.

WORKORDER QUALIFIERS

WO: 70283940

[1] CORRECT COLLECTION DATE 01/10/2024 PROVIDED BY CLIENT.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MOHONASEN CSD 01/11

Pace Project No.: 70283940

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70283940001	P-5	EPA 200.8	334044		

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CHAIN-OF-CUSTODY Analytical Request Document

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

Company: **INTEETER**

Address:

Report To:

Copy To:

Customer Project Name/Number:

Monrasen CSD

Phone:

Email:

Collected By (print):

Purchase Order #:

Quote #:

Collected By (signature):

Sample Disposal:

[] Dispose as appropriate [] Return

[] Archive:

[] Hold:

Rush:

[] Same Day [] Next Day

[] 2 Day [] 3 Day [] 4 Day [] 5 Day

(Expedite Charges Apply)

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date Time

Composite End Date Time

Res CI

Blue Dry None

Type of Ice Used: **Wet**

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Workorder Number or

USE ONLY

Lab Project Manager:

LAB

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signatures Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: Y N NA
Sample pH Acceptable Y N NA
pH Strips: Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

LAB USE ONLY:

Lab Sample # / Comments:

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: **THZ1**

Cooler 1 Temp Upon Receipt: **6.6** oc

Cooler 1 Therm Corr. Factor: **40.8**

Cooler 1 Corrected Temp: **7.0** oc

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s):

YES / NO

Page: _____

of: _____

SHORT HOLDS PRESENT (<72 hours): Y N **N/A**

Lab Tracking #: **2661960**

Samples received via: **Courier**

FEDEX UPS Client Pace Courier

Date/Time: **1/10/24 11:09**

Date/Time: **1/10/24 22:00**

Date/Time: **1/11 4:10**

Date/Time: **1/11/24 8:00**

Table #: _____

Actnum: _____

Template: _____

Prelogin: _____

PM: _____

PB: _____

Grab

1

1/10/24 11:09 **in custody PACE**
1/10/24 11:09 **in custody PACE**
1/11 4:10 **that same place**
1/11 8:00 **that same place**



Sample Receiving Non-Conformance Form (NCF)

Date: 1/11/24	Evaluated by: wk
Client: INTERTEK	

WO#: 70283940

PM: LAB Due Date: 01/25/24

CLIENT: INTER-LATHAM

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	<input checked="" type="checkbox"/>	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels		Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above:

GRAB IS NOT A VALID ANALYSES, NEEDED MORE ~~clarification~~ Clarification

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered		Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received		Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper	Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:
PM Initials:	Date/Time:

Client Comments/Instructions: