

October 12, 2016

Nancy Henner Hannibal CSD 928 Cayuga St. Hannibal, NY 13074

RE: Project: Han CSD - Field House

Pace Project No.: 10365108

Dear Nancy Henner:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Samples, in the electronic data deliverable (EDD) that accompanied this report, were flagged yellow if they exceeded the EPA's 15 ppb limit.

The space designated for the sampler on the chain of custody (COC) indicates if these samples were collected by Pace Analytical or were collected by the school district and just relinquished to Pace Analytical.

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

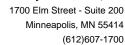
Sincerely,

amanda J albecout

Amanda Albrecht @pacelabs.com Project Manager

Enclosures







CERTIFICATIONS

Project: Han CSD - Field House

Pace Project No.: 10365108

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

Alaska Certification UST-107
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA

Colorado Certification #Pace Connecticut Certification #: PH-0256 EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605 Guam Certification #:14-008r Georgia Certification #: 959 Georgia EPD #: Pace

Idaho Certification #: MN00064 Hawaii Certification #MN00064 Illinois Certification #: 200011 Indiana Certification#C-MN-01 Iowa Certification #: 368 Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062 Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086 Louisiana DHH #: LA140001 Maine Certification #: 2013011 Maryland Certification #: 322 Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530

North Carolina State Public Health #: 27700

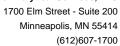
North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101 Oklahoma Certification #: 9507 Oregon Certification #: MN200001 Oregon Certification #: MN300001 Pennsylvania Certification #: 68-00563

Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382

West Virginia DHHR #:9952C Wisconsin Certification #: 999407970



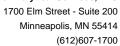


SAMPLE SUMMARY

Project: Han CSD - Field House

Pace Project No.: 10365108

Lab ID	Sample ID	Matrix	Date Collected	Date Received	
10365108001	Storage Side Sink	Water	09/26/16 00:21	10/06/16 10:15	
10365108002	Mens Room Sink	Water	09/26/16 00:26	10/06/16 10:15	
10365108003	Ladies Room Sink	Water	09/26/16 00:27	10/06/16 10:15	
10365108004	Outside Spigot	Water	09/26/16 00:29	10/06/16 10:15	





SAMPLE ANALYTE COUNT

Project: Han CSD - Field House

Pace Project No.: 10365108

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40005400004	Otenson Olde Olde				
10365108001	Storage Side Sink	EPA 200.8	TT3	1	PASI-M
10365108002	Mens Room Sink	EPA 200.8	TT3	1	PASI-M
10365108003	Ladies Room Sink	EPA 200.8	TT3	1	PASI-M
10365108004	Outside Spigot	EPA 200.8	TT3	1	PASI-M

Minneapolis, MN 55414 (612)607-1700



ANALYTICAL RESULTS

Project: Han CSD - Field House

Pace Project No.: 10365108

Date: 10/12/2016 01:15 PM

Sample: Storage Side Sink	Lab ID: 1036	5108001	Collected: 09/26/	16 00:21	Received: 1	0/06/16 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS, DW	Analytical Meth	od: EPA 20	00.8					
Lead	17.6	ug/L	0.10	1		10/12/16 00:3	1 7439-92-1	
Sample: Mens Room Sink	Lab ID: 1036	5108002	Collected: 09/26/	16 00:26	Received: 1	0/06/16 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS, DW	Analytical Meth	od: EPA 20	00.8					
Lead	3.5	ug/L	0.10	1		10/12/16 00:33	3 7439-92-1	
Sample: Ladies Room Sink	Lab ID: 1036	5108003	Collected: 09/26/	16 00:27	Received: 1	0/06/16 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS, DW	Analytical Meth	od: EPA 20	00.8					
Lead	2.5	ug/L	0.10	1		10/12/16 00:3	5 7439-92-1	
Sample: Outside Spigot	Lab ID: 1036	5108004	Collected: 09/26/	16 00:29	Received: 1	0/06/16 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS, DW	Analytical Meth	od: EPA 20	00.8					
Lead	10.3	ug/L	0.10	1		10/12/16 00:36	6 7439-92-1	

(612)607-1700



QUALITY CONTROL DATA

Han CSD - Field House Project:

Pace Project No.:

10365108

QC Batch:

439863

2391433

Analysis Method:

EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description:

ICPMS Metals, Drinking Water

Associated Lab Samples:

10365108001, 10365108002, 10365108003, 10365108004

Matrix: Water

Associated Lab Samples:

METHOD BLANK:

10365108001, 10365108002, 10365108003, 10365108004

Blank

Reporting

Parameter

Units

Result

Limit Analyzed

Qualifiers

Lead

Lead

ug/L

Units

ug/L

ND

0.10 10/12/16 00:20

100

LABORATORY CONTROL SAMPLE:

Parameter

Parameter

Date: 10/12/2016 01:15 PM

2391434

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

85-115

Qualifiers

2396234

2396235

99.7

MS

10365109041 Result

Spike Conc.

MSD Result

MS % Rec

MSD % Rec % Rec Limits RPD

Max RPD

Qual 0 20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

MSD Spike Conc.

100

MS Result

95

70-130

Lead

ug/L 1.5 100

Units

100 96.1

96.2

95

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.

(612)607-1700



QUALIFIERS

Project: Han CSD - Field House

Pace Project No.: 10365108

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.

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.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

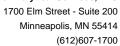
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

Date: 10/12/2016 01:15 PM

PASI-M Pace Analytical Services - Minneapolis





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Han CSD - Field House

Pace Project No.: 10365108

Date: 10/12/2016 01:15 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10365108001	Storage Side Sink	EPA 200.8	439863		
10365108002	Mens Room Sink	EPA 200.8	439863		
10365108003	Ladies Room Sink	EPA 200.8	439863		
10365108004	Outside Spigot	EPA 200.8	439863		

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Pace Analytical*

Document Name:

Sample Condition Upon Receipt Form

Document No.:

Document Revised: 02Aug2016 Page 1 of 2

Issuing Authority: Pace Minnesota Quality Office

F-MN-L-213-rev.17

Sample Condition Upon Receipt V School	le		Project	* WO#: 10365108
Courier: Fed Ex UPS	USPS Other:		lient	10365108
Custody Seal on Cooler/Box Present?		Seals Int	act?	Yes No Optional: Proj. Due Date: Proj. Name:
Packing Material: Bubble Wrap Bubble Bags	Non		Other:	Temp Blank? Yes No
Thermometer	Тур	e of Ice:	□We	
Cooler Temp Read (°C): Cooler Temp Corre		·	<u>Sue</u> q	biological rissae resent Lites Lite 210/A
Temp should be above freezing to 6°C Correction Facto USDA Regulated Soil (X N/A, water sample)	r: <u>-}-{</u>	D. Z	Dat	te and Initials of Person Examining Contents: _ <u> </u>
Did samples originate in a quarantine zone within the United St	ates: AL, /	AR, AZ, CA	A, FL, GA,	ID, LA. Did samples originate from a foreign source (internationally,
MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? If Yes to either question, fill out a Regu	lated Soil	Chacklis	Yes	☐No including Hawaii and Puerto Rico)? ☐Yes ☐No -Q-338) and include with SCUR/COC paperwork.
in res to citilet question, ini out a negu	iateu 3011	CHECKII	or (L. IALIA.	COMMENTS:
Chain of Custody Present?	Yes	□No	□N/A	1.
Chain of Custody Filled Out?	∑Yes	□No	□N/A	2.
Chain of Custody Relinquished?	Yes	□No	□n/a	3.
Sampler Name and/or Signature on COC?	″ ∑ Yes	□No	□n/a	4.
Samples Arrived within Hold Time?	Yes	□No	□N/A	5.
Short Hold Time Analysis (<72 hr)?	Yes	⊠No	□N/A	6.
Rush Turn Around Time Requested?	Yes	No	□N/A	7.
Sufficient Volume?	¥¥es	ĺN∘	□n/a	8.
Correct Containers Used?	∑Yes	□No	□n/a	9.
-Pace Containers Used?	Yes	□No	□n/a	
Containers Intact?	∑Yes	No	□N/A	10.
Filtered Volume Received for Dissolved Tests?	□Yes	□No	Ŋ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	Ŋ¥Yes	□No	□N/A	12.
-Includes Date/Time/ID/Analysis Matrix: \				
All containers needing acid/base preservation have been	-Catv			13. XHNO₃ □H₂SO₄ □NaOH □HCI
checked? All containers needing preservation are found to be in	Y Yes	□No	□N/A	Sample #
compliance with EPA recommendation?		_		01-04
(HNO ₃ , H ₂ SO ₄ , HCk<2; NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease,	` Ģ aYes	∐No	∐N/A	Initial when Lot # of added
DRO/8015 (water) DOC	Yes	□No	Y ⊊ ÍN/A	completed: preservative:
Headspace in VOA Vials (>6mm)?	□Yes	□No	` ⊠ N/A	14.
Trip Blank Present?	∏Yes	□No	⊠ N/A	15.
Trip Blank Custody Seals Present?	☐Yes	□No	₽ N/A	
Pace Trip Blank Lot # (if purchased):	···-			
CLIENT NOTIFICATION/RESOLUTION				Field Data Required? ☐ Yes ☐ No
Person Contacted:				Date/Time:
Comments/Resolution:				
Project Manager Review:				Date: 10/07/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

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	Document Name:	Document Revised: 02Aug2016
The American 18	Sample Condition Upon Receipt Form	Page 2 of 2
/_Face Analytical*	Document No.:	Issuing Authority:
(F-MN-L-213-rev.17	Pace Minnesota Quality Office

Frang & C Workorder #: SCUR Exceptions: Tracking Container Type/# Sample ID 7774 0281 2710 18.2 18.8 11 0214 3098 2643 18.3 11 11 18.3 2702 11 11 18.2 2253 11 11 186 2231 11 11 2570 181

pH Adjustment Log for Preserved Samples

ph Adjustinent Log for Preserved Samples								
 "				_,	Amount of			
10 mm 10 mm			Date	Time	Additional	Lot # of		
Sample ID	Type of	pH Upon	Preservation	Preservation	Preservative	Preservative	pH After	
Sample ID	Preservative	Receipt	Adjusted	Adjusted	Added	Added	Adjustment	Initials
			T					
	10.							
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	K.J.							
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