

November 22, 2016

Andy Ridgeway
Sandy Creek Central School District
124 Salisbury
Sandy Creek, NY 13145

RE: Project: GYMNASIUM
Pace Project No.: 704971

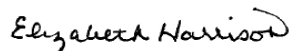
Dear Andy Ridgeway:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 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 NYSDOH 15 ppb action level.

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

Sincerely,



Elizabeth Harrison
betty.harrison@pacelabs.com
Project Manager

Enclosures

cc: Lori Krebs, Sandy Creek Central School District



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: GYMNASIUM

Pace Project No.: 704971

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GYMNASIUM
Pace Project No.: 704971

Sample: 300-CONCES FOUN #3&4 BOTT FILL		Lab ID: 704971001	Collected: 09/28/16 04:40	Received: 09/29/16 09:45	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						
Lead	<1.0	ug/L	1.0	1		11/21/16 19:22	7439-92-1	
Sample: 301-NW BF FOUN #11&12 BOTT FIL		Lab ID: 704971002	Collected: 09/28/16 04:44	Received: 09/29/16 09:45	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						
Lead	<1.0	ug/L	1.0	1		11/21/16 19:33	7439-92-1	
Sample: 302-BOYS TEAM LOCKER RM SINK A		Lab ID: 704971003	Collected: 09/28/16 04:46	Received: 09/29/16 09:45	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						
Lead	1.4	ug/L	1.0	1		11/21/16 19:36	7439-92-1	
Sample: 303-BOYS TEAM LOCKER RM SINK B		Lab ID: 704971004	Collected: 09/28/16 04:46	Received: 09/29/16 09:45	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						
Lead	<1.0	ug/L	1.0	1		11/21/16 19:39	7439-92-1	
Sample: 304-BOYS PHYS ED LOC RM SINK A		Lab ID: 704971005	Collected: 09/28/16 04:47	Received: 09/29/16 09:45	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						
Lead	<1.0	ug/L	1.0	1		11/21/16 19:42	7439-92-1	
Sample: 305-BOYS PHYS ED LOC RM SINK B		Lab ID: 704971006	Collected: 09/28/16 04:47	Received: 09/29/16 09:45	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						
Lead	1.0	ug/L	1.0	1		11/21/16 19:51	7439-92-1	

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ANALYTICAL RESULTS

Project: GYMNASIUM

Pace Project No.: 704971

Sample: 306-GIRLS TEAM LOC RM SINK A		Lab ID: 704971007	Collected: 09/28/16 04:51	Received: 09/29/16 09:45	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							
Lead	1.6	ug/L	1.0	1		11/21/16 19:54	7439-92-1	
Sample: 307-GIRLS TEAM LOC RM SINK B		Lab ID: 704971008	Collected: 09/28/16 04:52	Received: 09/29/16 09:45	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							
Lead	1.1	ug/L	1.0	1		11/21/16 19:57	7439-92-1	
Sample: 308-GIRLS PE LOC RM SINK A		Lab ID: 704971009	Collected: 09/28/16 04:53	Received: 09/29/16 09:45	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							
Lead	<1.0	ug/L	1.0	1		11/21/16 19:59	7439-92-1	
Sample: 309-GIRLS PE LOC RM SINK B		Lab ID: 704971010	Collected: 09/28/16 04:54	Received: 09/29/16 09:45	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							
Lead	2.0	ug/L	1.0	1		11/21/16 20:02	7439-92-1	
Sample: 310-HALL WT RM FOU#5&6 BTL FL		Lab ID: 704971011	Collected: 09/28/16 04:56	Received: 09/29/16 09:45	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							
Lead	<1.0	ug/L	1.0	1		11/21/16 20:05	7439-92-1	
Sample: 311-BOYS ROOM A		Lab ID: 704971012	Collected: 09/28/16 04:59	Received: 09/29/16 09:45	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							
Lead	1.2	ug/L	1.0	1		11/21/16 20:08	7439-92-1	

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ANALYTICAL RESULTS

Project: GYMNASIUM
Pace Project No.: 704971

Sample: 312-BOYS ROOM B		Lab ID: 704971013	Collected: 09/28/16 07:28		Received: 09/29/16 09:45		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						
Lead	2.4	ug/L	1.0	1		11/21/16 20:11	7439-92-1	
Sample: 313-BOYS ROOM C		Lab ID: 704971014	Collected: 09/28/16 07:28		Received: 09/29/16 09:45		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						
Lead	3.8	ug/L	1.0	1		11/21/16 20:14	7439-92-1	
Sample: 314-BOYS ROOM D		Lab ID: 704971015	Collected: 09/28/16 07:28		Received: 09/29/16 09:45		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						
Lead	<1.0	ug/L	1.0	1		11/21/16 20:17	7439-92-1	
Sample: 315-BOYS ROOM E		Lab ID: 704971016	Collected: 09/28/16 07:29		Received: 09/29/16 09:45		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						
Lead	1.6	ug/L	1.0	1		11/21/16 20:26	7439-92-1	
Sample: 316-GIRLS ROOM A		Lab ID: 704971017	Collected: 09/28/16 07:30		Received: 09/29/16 09:45		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						
Lead	2.0	ug/L	1.0	1		11/21/16 20:29	7439-92-1	
Sample: 317-GIRLS ROOM B		Lab ID: 704971018	Collected: 09/28/16 07:30		Received: 09/29/16 09:45		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						
Lead	2.4	ug/L	1.0	1		11/21/16 20:31	7439-92-1	

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ANALYTICAL RESULTS

Project: GYMNASIUM

Pace Project No.: 704971

Sample: 318-GIRLS ROOM C		Lab ID: 704971019		Collected: 09/28/16 07:31		Received: 09/29/16 09:45		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

Lead	2.6	ug/L	1.0	1		11/21/16 20:34	7439-92-1
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Sample: 319-GIRLS ROOM D		Lab ID: 704971020		Collected: 09/28/16 07:31		Received: 09/29/16 09:45		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

Lead	2.2	ug/L	1.0	1		11/21/16 20:37	7439-92-1
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Sample: 320-GIRLS ROOM E		Lab ID: 704971021		Collected: 09/28/16 07:32		Received: 09/29/16 09:45		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

Lead	1.7	ug/L	1.0	1		11/21/16 20:46	7439-92-1
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GYMNASIUM

Pace Project No.: 704971

QC Batch:	4694	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET No Prep Drinking Water
Associated Lab Samples:	704971001, 704971002, 704971003, 704971004, 704971005, 704971006, 704971007, 704971008, 704971009, 704971010, 704971011, 704971012, 704971013, 704971014, 704971015, 704971016, 704971017, 704971018, 704971019, 704971020		

METHOD BLANK:	23734	Matrix:	Water
Associated Lab Samples:	704971001, 704971002, 704971003, 704971004, 704971005, 704971006, 704971007, 704971008, 704971009, 704971010, 704971011, 704971012, 704971013, 704971014, 704971015, 704971016, 704971017, 704971018, 704971019, 704971020		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/21/16 19:16	

LABORATORY CONTROL SAMPLE: 23735						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.1	96	85-115	

MATRIX SPIKE SAMPLE:	23738						
		704971001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	2	2.5	120	70-130	

SAMPLE DUPLICATE: 23737

Parameter	Units	704971001 Result	Dup 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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QUALITY CONTROL DATA

Project: GYMNASIUM

Pace Project No.: 704971

QC Batch: 4695

Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8

Analysis Description: 200.8 MET No Prep Drinking Water

Associated Lab Samples: 704971021

METHOD BLANK: 23739

Matrix: Water

Associated Lab Samples: 704971021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/21/16 20:40	

LABORATORY CONTROL SAMPLE: 23740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.0	96	85-115	

MATRIX SPIKE SAMPLE: 23742

Parameter	Units	704971021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.7	2	4.0	118	70-130	

SAMPLE DUPLICATE: 23741

Parameter	Units	704971021 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.7	1.6	4	

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: GYMNASIUM

Pace Project No.: 704971

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GYMNASIUM

Pace Project No.: 704971

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
704971001	300-CONCES FOUN #3&4 BOTT FILL	EPA 200.8	4694		
704971002	301-NW BF FOUN #11&12 BOTT FIL	EPA 200.8	4694		
704971003	302-BOYS TEAM LOCKER RM SINK A	EPA 200.8	4694		
704971004	303-BOYS TEAM LOCKER RM SINK B	EPA 200.8	4694		
704971005	304-BOYS PHYS ED LOC RM SINK A	EPA 200.8	4694		
704971006	305-BOYS PHYS ED LOC RM SINK B	EPA 200.8	4694		
704971007	306-GIRLS TEAM LOC RM SINK A	EPA 200.8	4694		
704971008	307-GIRLS TEAM LOC RM SINK B	EPA 200.8	4694		
704971009	308-GIRLS PE LOC RM SINK A	EPA 200.8	4694		
704971010	309-GIRLS PE LOC RM SINK B	EPA 200.8	4694		
704971011	310-HALL WT RM FOU#5&6 BTL FL	EPA 200.8	4694		
704971012	311-BOYS ROOM A	EPA 200.8	4694		
704971013	312-BOYS ROOM B	EPA 200.8	4694		
704971014	313-BOYS ROOM C	EPA 200.8	4694		
704971015	314-BOYS ROOM D	EPA 200.8	4694		
704971016	315-BOYS ROOM E	EPA 200.8	4694		
704971017	316-GIRLS ROOM A	EPA 200.8	4694		
704971018	317-GIRLS ROOM B	EPA 200.8	4694		
704971019	318-GIRLS ROOM C	EPA 200.8	4694		
704971020	319-GIRLS ROOM D	EPA 200.8	4694		
704971021	320-GIRLS ROOM E	EPA 200.8	4695		

REPORT OF LABORATORY ANALYSIS

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Section A

Required Client Information:

Company: **SANDY CREEK CSD**
 Address: _____
 Email To: _____
 Phone: _____ Fax: _____
 Project Name: **GYMNASIUM**
 Project Number: _____
 Pace Profile #: _____

Section B

Report To:

Report To: _____
 Copy To: _____
 Purchase Order No.: _____
 Project Name: **GYMNASIUM**
 Project Number: _____
 Pace Profile #: _____

Section C

Invoice Information:

Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

SITE LOCATION
☐ GA ☐ IL ☐ IN ☐ MI ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER NY

#	ITEM	Valid Matrix Codes Required Client Information	SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	MATRIX CODE	COLLECTED	COMPOSITE START	COMPOSITE END/GRAB	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES	Requested Analysis:	Filtered (Y/N)	Temp in °C	Received on Ice	Custody Sealed	Samples Intact
300	1	CONCESSION FOUN. #3+4 BOTTLE FILL		DW G				9/26	4:40		1	Unpreserved						
301	2	NIU BALL FIELD FOUN. #11+12 BOTTLE FILL							4:44									
302	3	BOYS TEAM LOCKER ROOM SINK A							4:46									
303	4	BOYS TEAM LOCKER ROOM SINK B							4:46									
304	5	BOYS PHYS ED LOCKER ROOM SINK A							4:47									
305	6	BOYS PHYS ED LOCKER ROOM SINK B							4:47									
306	7	BOYS TEAM LOCKER ROOM SINK A							4:51									
307	8	BOYS TEAM LOCKER ROOM SINK B							4:52									
308	9	BOYS PHYS ED LOCKER ROOM SINK A							4:53									
309	10	BOYS PHYS ED LOCKER ROOM SINK B							4:54									
310	11	FOUN. #5+6 BOTTLE FILL							4:56									
311	12	BOYS ROOM A							4:59									

Bottle #

7773 45570909

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: James Murphy - PACE Analytical
 SIGNATURE of SAMPLER: _____

Pace Analytical™
www.pacelabs.com

Page: 2 of 2

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Sample Condition Upon Receipt

WO#: 704971PM: EMH Due Date: 10/06/16
CLIENT: SCCSDClient Name: Sandy Creek CSDCourier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____Tracking #: 7713 4557 0969Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ noPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____Thermometer Used: TH077 TH078 Type of Ice: Wet Blue ☒ None ☐ Samples on ice, cooling process has begun

Cooler Temperature: _____

Temp should be above freezing to 6°C

Comments: _____

Date and Initials of person examining contents: 11/18/16 SP

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 & Signature on COC:	☐ Yes ☒ No ☐ N/A	4. <u>Not Signed</u>
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ 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 ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix <u>SL</u> WT OIL		
All containers needing preservation have been checked	☒ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☐ N/A	Initial when completed:
		Lot # of added preservative:
		Date and Time preservative added:
Exceptions: VOA, micro, TOC, O&G		
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____