



CERTIFICATE OF ANALYSIS

Customer : Strategic Environmental
25 Butternut Lane
Bayville, NJ 08721

Project ID : MCVTS - Sandy Hook Ctr., 305 Mast Way
PAS Project ID : P22-03324

Matrix : Drinking Water
Report Date : 5/2/2022

Table with 12 columns: PAS Sample ID, Client ID, Analysis, Results, Units, DF, PQL, MDL, MCL, Method, Date Sampled, Date Analyzed. Contains 35 rows of analytical data for Lead.

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

PQL = Practical Quantitation Limit
MDL = Minimum Detection Limit
MCL = Maximum Contaminant Level
DF = Dilution Factor
ND = Analyzed for but not detected
J = Estimated result
* Federal Action Level

All samples are analyzed in accordance with
New Jersey Department of Environmental
Protection Protocol

Handwritten signature of Mark D. Feitelson

Mark D. Feitelson, Lab. Director

Appendix D
Excel Template for Lead Results

Client : Strategic Environmental
Project ID : MCVTS - Sandy Hook Ctr., 305 Mast Way

Field ID	Flushed (Y/N)	Lab. Sample ID	Lab. Name	Lab. ID	Date Sampled	Time Sampled	Analytical Method	Date of Analysis	Time of Analysis	Conc. (ug/L)	Rpt. Limit (ug/L)	DF	Digested (Y/N)	Qfr.
Field Blank Bldg 77	N	P22-03324-01	PAS	NJDEP 15001	4/21/2022	7:14	SM 3113 B	4/26/2022	10:54	0.290	2.00	1	N	ND
77-1 DWWC R Bottle Filler	N	P22-03324-02	PAS	NJDEP 15001	4/21/2022	7:16	SM 3113 B	4/26/2022	10:57	1.39	2.00	1	N	J
77-2 DWWC L Bottle Filler	N	P22-03324-03	PAS	NJDEP 15001	4/21/2022	7:16	SM 3113 B	4/26/2022	11:11	2.09	2.00	1	N	
77-3 FP	N	P22-03324-04	PAS	NJDEP 15001	4/21/2022	7:19	SM 3113 B	4/26/2022	11:15	5.06	2.00	1	N	
77-4 FP	N	P22-03324-05	PAS	NJDEP 15001	4/21/2022	7:21	SM 3113 B	4/26/2022	11:26	0.680	2.00	1	N	ND
77-5 IM	N	P22-03324-06	PAS	NJDEP 15001	4/21/2022	7:27	SM 3113 B	4/26/2022	11:29	0.760	2.00	1	N	ND
Field Blank Bldg. 318	N	P22-03324-07	PAS	NJDEP 15001	4/21/2022	7:31	SM 3113 B	4/26/2022	11:33	0.210	2.00	1	N	ND
318-1 DWWC	N	P22-03324-08	PAS	NJDEP 15001	4/21/2022	7:31	SM 3113 B	4/26/2022	11:37	0.530	2.00	1	N	ND
318-2 DWWC	N	P22-03324-09	PAS	NJDEP 15001	4/21/2022	7:33	SM 3113 B	4/26/2022	11:40	0.370	2.00	1	N	ND
Field Blank Bldg. 317	N	P22-03324-10	PAS	NJDEP 15001	4/21/2022	7:35	SM 3113 B	4/26/2022	11:44	0.130	2.00	1	N	ND
317-1 DWWC	N	P22-03324-11	PAS	NJDEP 15001	4/21/2022	7:35	SM 3113 B	4/26/2022	11:48	0.530	2.00	1	N	ND
Field Blank Bldg. 301	N	P22-03324-12	PAS	NJDEP 15001	4/21/2022	7:39	SM 3113 B	4/26/2022	11:51	0.210	2.00	1	N	ND
301-1 DWWC	N	P22-03324-13	PAS	NJDEP 15001	4/21/2022	7:39	SM 3113 B	4/26/2022	11:55	0.450	2.00	1	N	ND
Field Blank Bldg. 319	N	P22-03324-14	PAS	NJDEP 15001	4/21/2022	7:43	SM 3113 B	4/26/2022	11:59	0.210	2.00	1	N	ND
319-1 DWWC	N	P22-03324-15	PAS	NJDEP 15001	4/21/2022	7:43	SM 3113 B	4/26/2022	12:10	0.370	2.00	1	N	ND
319-2 DWWC	N	P22-03324-16	PAS	NJDEP 15001	4/21/2022	7:44	SM 3113 B	4/26/2022	12:14	0.290	2.00	1	N	ND
Field Blank Bldg. 316	N	P22-03324-17	PAS	NJDEP 15001	4/21/2022	7:47	SM 3113 B	4/26/2022	12:17	0.130	2.00	1	N	ND
316-1 DWWC Right	N	P22-03324-18	PAS	NJDEP 15001	4/21/2022	7:47	SM 3113 B	4/26/2022	12:21	0.370	2.00	1	N	ND
316-2 DWWC Left	N	P22-03324-19	PAS	NJDEP 15001	4/21/2022	7:47	SM 3113 B	4/26/2022	12:25	1.23	2.00	1	N	J
Field Blank Bldg. 302	N	P22-03324-20	PAS	NJDEP 15001	4/21/2022	7:50	SM 3113 B	4/26/2022	12:29	0.290	2.00	1	N	ND
302-1 DWWC	N	P22-03324-21	PAS	NJDEP 15001	4/21/2022	7:50	SM 3113 B	4/26/2022	12:32	0.370	2.00	1	N	ND
Field Blank Bldg. 320	N	P22-03324-22	PAS	NJDEP 15001	4/21/2022	7:53	SM 3113 B	4/26/2022	12:54	0.290	2.00	1	N	ND
320-1 DWWC	N	P22-03324-23	PAS	NJDEP 15001	4/21/2022	7:53	SM 3113 B	4/26/2022	12:58	0.130	2.00	1	N	ND
320-2 DWWC	N	P22-03324-24	PAS	NJDEP 15001	4/21/2022	7:53	SM 3113 B	4/26/2022	13:01	0.450	2.00	1	N	ND
Field Blank Bldg. 315	N	P22-03324-25	PAS	NJDEP 15001	4/21/2022	7:55	SM 3113 B	4/26/2022	13:05	0.210	2.00	1	N	ND
315-1 DWWC	N	P22-03324-26	PAS	NJDEP 15001	4/21/2022	7:55	SM 3113 B	4/26/2022	13:08	0.290	2.00	1	N	ND
315-2 FP	N	P22-03324-27	PAS	NJDEP 15001	4/21/2022	7:55	SM 3113 B	4/26/2022	13:12	6.47	2.00	1	N	
Field Blank Bldg. 321	N	P22-03324-28	PAS	NJDEP 15001	4/21/2022	8:01	SM 3113 B	4/26/2022	13:15	0.290	2.00	1	N	ND
321-1 DWWC	N	P22-03324-29	PAS	NJDEP 15001	4/21/2022	8:01	SM 3113 B	4/26/2022	13:19	0.130	2.00	1	N	ND
321-2 DWWC	N	P22-03324-30	PAS	NJDEP 15001	4/21/2022	8:01	SM 3113 B	4/26/2022	13:22	0.370	2.00	1	N	ND
Field Blank Bldg. 305	N	P22-03324-31	PAS	NJDEP 15001	4/21/2022	8:05	SM 3113 B	4/26/2022	13:26	0.210	2.00	1	N	ND
305-1 FP	N	P22-03324-32	PAS	NJDEP 15001	4/21/2022	8:05	SM 3113 B	4/26/2022	13:51	0.130	2.00	1	N	ND
Field Blank Bldg. 303/304	N	P22-03324-33	PAS	NJDEP 15001	4/21/2022	8:11	SM 3113 B	4/26/2022	14:02	-0.02	2.00	1	N	ND
304-1 FP	N	P22-03324-34	PAS	NJDEP 15001	4/21/2022	8:11	SM 3113 B	4/26/2022	14:05	0.530	2.00	1	N	ND
304-3 WWC Right	N	P22-03324-35	PAS	NJDEP 15001	4/21/2022	8:11	SM 3113 B	4/26/2022	14:09	0.130	2.00	1	N	ND



Specialties in Drinking Water Testing Technologies • Residential • Industrial • Municipal

PRECISION ANALYTICAL SERVICES, INC.

2161 WHITEVILLE ROAD TOMBS RIVER, NJ 08755 PHONE 732-914-1510 FAX 732-914-1618

CHAIN OF CUSTODY

M.A.S.T. 12 Locations

Customer: Strategic Environmental
 Address: 25 Butternut Lane
 Bayville, NJ 08701
 Phone: (732) 539-7342

School Name: Swedy Hook CTR
 School Address: 305 MAST Way
 Sampled By: [Signature]
 Print Name: J. Baranno
 RESULTS TO: jhonses@aol.com

Sample ID Location	Date / 17 Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Class of Plastic	Analyst's	LAB ID
Field Blank Bldg 777	7:14 am	DW	Grab			1	250 ml Plastic	Lead	822-03324-01
777-1 DW WC R Bottle Filter	7:16 am	DW	Grab			1	250 ml Plastic	Lead	-02
777-2 DW WC L Bottle Filter	7:16 am	DW	Grab			1	250 ml Plastic	Lead	-03
777-3 FP	7:19 am	DW	Grab			1	250 ml Plastic	Lead	-04
777-4 FP	7:21 am	DW	Grab			1	250 ml Plastic	Lead	-05
777-5 IM	7:21 am	DW	Grab			1	250 ml Plastic	Lead	06
Field Blank Bldg 318	7:31 am	DW	Grab			1	250 ml Plastic	Lead	-07
318-1 DW WC	7:31 am	DW	Grab			1	250 ml Plastic	Lead	-08
318-2 DW WC	7:33 am	DW	Grab			1	250 ml Plastic	Lead	-09
Field Blank Bldg 317	7:35 am	DW	Grab			1	250 ml Plastic	Lead	-10
317-1 DW WC	7:35 am	DW	Grab			1	250 ml Plastic	Lead	-11
Field Blank Bldg 301	7:39 am	DW	Grab			1	250 ml Plastic	Lead	-12
301-1 DW WC	7:39 am	DW	Grab			1	250 ml Plastic	Lead	-13
Field Blank Bldg 319	7:43 am	DW	Grab			1	250 ml Plastic	Lead	-14
319-1 DW WC	7:43 am	DW	Grab			1	250 ml Plastic	Lead	822 03324 822 00341-15

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

All First Draw

PDF Std. PDF Reduc PDF Full EDD

Date/Time Preserved (with HOURS) 04/22/22 @ 1500

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Deliverables:

MATRIX CODES:

GW = Ground Water, WW = Waste Water, SW = Surface Water,
 DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge,
 B = Blank, K = Solid (specify):

PRESER VATIVE CODES:
 0 = Ice 1 = HCl
 2 = H2SO4 3 = NaOH
 4 = HNO3 5 = Other

	Print Name:	Signature:	Company:	Date + Time
Relinquished:	J. Baranno	[Signature]	PAS	4/22/22
Received:	Lynn Souza	[Signature]		11:30am
Relinquished:				
Received:				
Relinquished:				
Received:				



Specialists in Drinking Water Testing Technologies in Residential or Industrial or Municipal

PRECISION ANALYTICAL SERVICES, INC.

2181 WHITEVILLE ROAD TOMBS RIVER, NJ 08753 PHONE 732-814-1515 FAX 732-814-1618

CHAIN OF CUSTODY

M.A.S.T. 12 Locations

MCVTS

Customer: Strategic Environmental
 Address: 25 Butternut Lane
 Bayville, NJ 08701
 Phone: (732) 539-7342

School Name: Sandy Hook CTR
 School Address: 305 MAST Way
 Sampled By: [Signature]
 Print Name: JBarrano
 RESULTS TO: jbonese@aol.com

Sample ID Location	Date / 117 Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Class or Plastic	Analysis	LAB ID
319-2 DWWC	7:44 am	DW	Grab			1	250 ml Plastic	Lead	P22 03324-16
Field Blank Bldg 316	7:47 am	DW	Grab			1	250 ml Plastic	Lead	-17
316-1 DWWC Right	7:47 am	DW	Grab			1	250 ml Plastic	Lead	-18
316-2 DWWC Left	7:47 am	DW	Grab			1	250 ml Plastic	Lead	-19
Field Blank Bldg 302	7:50 am	DW	Grab			1	250 ml Plastic	Lead	-20
302-1 DWWC	7:50 am	DW	Grab			1	250 ml Plastic	Lead	-21
Field Blank Bldg 320	7:53 am	DW	Grab			1	250 ml Plastic	Lead	-22
320-1 DWWC	7:53 am	DW	Grab			1	250 ml Plastic	Lead	-23
320-2 DWWC	7:53 am	DW	Grab			1	250 ml Plastic	Lead	-24
Field Blank Bldg 315	7:55 am	DW	Grab			1	250 ml Plastic	Lead	-25
315-1 DWWC	7:55 am	DW	Grab			1	250 ml Plastic	Lead	-26
315-2 FP	7:55 am	DW	Grab			1	250 ml Plastic	Lead	-27
Field Blank Bldg 321	8:01 am	DW	Grab			1	250 ml Plastic	Lead	-28
321-1 DWWC	8:01 am	DW	Grab			1	250 ml Plastic	Lead	-29
321-2 DWWC	8:01 am	DW	Grab			1	250 ml Plastic	Lead	P22 03324-30

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

All First Draw

PDF Std. PDF Reduc PDF Full EDD

Date/Time Preserved with IDDD: 04/22/22 11:30 am

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Deliverables: X

MATRIX CODES:
 GW = Ground Water, WW = Waste Water, SW = Surface Water,
 DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge,
 B = Blank, K = Solid (specify):

PRESERVATIVE CODES:
 0 = Ice 1 = HCl
 2 = H2SO4 3 = NaOH
 4 = HNO3 5 = Other

	Print Name:	Signature:	Company:	Date + Time
Relinquished:	JBarrano	[Signature]	PAS	4/22/22
Received:	Lynn Souza	[Signature]		11:30 am
Relinquished:				
Received:				
Relinquished:				
Received:				



Specialists in Drinking Water Testing Technology • Residential • Industrial • Municipal
PRECISION ANALYTICAL SERVICES, INC.

2181 WHITEVILLE ROAD TOMB RIVER, NJ 08705 PHONE 732-814-1518 FAX 732-814-1818

CHAIN OF CUSTODY

M.A.S.T. 12 Locations

Customer: Strategic Environmental
 Address: 25 Butternut Lane
 Bayville, NJ 08701
 Phone: (732) 539-7342

School Name: MCVTS
Sandy Hook CTR
 School Address: 305 MAST Way
 Sampled By: [Signature]
 Print Name: SBowman
 RESULTS TO: jbones@aol.com

Sample ID Location	Date / 117 Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
Field Blank Bldg 305	8:05 am	DW	Grab			1	250 ml Plastic	Lead	233 03324-31
305-1 FP	8:05 am	DW	Grab			1	250 ml Plastic	Lead	32
Field Blank Bldg 303/304	8:11 am	DW	Grab			1	250 ml Plastic	Lead	33
304-1 FP	8:11 am	DW	Grab			1	250 ml Plastic	Lead	34
304-2 DWWC O/S	8:11 am	DW	Grab			1	250 ml Plastic	Lead	
304-3 DWWC Right	8:11 am	DW	Grab			1	250 ml Plastic	Lead	233 03324-35
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

All First Draw

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Deliverables: PDF Std. PDF Reduc PDF Full EDD Date/Time Preserved with 10403: 04/23/05

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify):

PRESER D=Ice 1=HG
 VATIVE 2=H2SO4 3=NaOH
 CODES: 4=HNO3 5=Other

	Print Name:	Signature:	Emergency	Date + Time
Relinquished:	SBowman	[Signature]		4/23/05
Received:	Lynn Souzer	[Signature]		PAS 11:30am
Relinquished:				
Received:				
Relinquished:				
Received:				

MAST
305 MAST way
Highlands NJ
07732

H.iv: Sampling Event Checklist
Complete on the day of sampling

Before Beginning Sampling:

- Review and Sign QAPP.
- Review School packet prior to sampling- including floor plan with sample locations, outlet inventory including all outlets to be sampled, filter inventory including which water coolers & drinking water fountains have filters, and if applicable pre-sampling event flushing schedule [includes which outlets were flushed, the duration of flushing, and when they were flushed].
- Perform a walk-through of the facility prior to sampling. Identify all outlets to be sampled, and label each outlet with its unique sample location code as it is found in the water outlet inventory.
- Verify that the water has been stagnant for at least 8 hours, but no longer than 48 hours.

Sampling:

- Field Blank.
- Start sampling at the outlet closest to the point of entry.
- For each sampling location record the time that sampling begins.
- Wearing gloves, collect samples into a 250 ml pre-cleaned bottle.
- Record the time all samples are collected.
- AFTER all other samples have been collected, for follow-up flush sampling, collect fifteen minute flushed samples from water coolers.
- Indicate on the Chain of Custody (COC) if the outlet is leaking, the water is discolored, the outlet is turned on, the outlet is not working, or the outlet has a filter.
- Label all Follow-Up Flush Samples with "FLUSH" after their unique sample location code. (e.g. WHS- and WHS - —FLUSH).

After Sampling:

- Record the time that sampling ends.
- Count sampling bottles to make sure all water outlets on the inventory were sampled.

Project Officer:

Gary Ortner [Signature] 4-21-22
Print Name Signature Date

Sampler:

J. Brown [Signature] 4/21/22
Print Name Signature Date

**Quality Assurance Project Plan (QAPP)
For
Drinking Water Sampling
of Lead Concentrations in School Drinking Water
Outlets**

MAST,
305 MAST WAY
Highlands NJ 07732

Approvals

School District Representatives:

Program Manager: Gary Ortner [Signature] 4/21/22
Print Name Signature Date

Project Manager(s): Gary Ortner [Signature] 4/21/22
Print Name Signature Date

Individual School Project Officer(s) (See page iii)

Third Party Sampling Firm: SEC Inc.
(Note N/A if Third Party not involved) Name of Firm
J. Baranow [Signature] 4/21/22
Print Name Signature Date

Laboratory: PAS Labs Inc.
Name of Laboratory

Laboratory Manager: Mark Feitelson [Signature] 4/22/22
Print Name Signature Date

Laboratory QA Officer: Kelly Hogan [Signature] 4/22/22
Print Name Signature Date

For additional laboratories conducting sampling and or analysis use additional sheet for sign-off.