



CERTIFICATE OF ANALYSIS

Customer : Strategic Environmental
25 Butternut Lane
Bayville, NJ 08721

Project ID : Conover Road Elementary School, 76 Conover Road
PAS Project ID : P21-12145

Matrix : Drinking Water
Report Date : 11/12/2021

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P21-12145-01	Field Blank Elementary School	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 07:57	11/8/21 12:53
P21-12145-02	1. CR1 FP KS 1	Lead	49.5	ug/L	10	20.0	8.99	15.0 *	SM 3113 B	11/4/21 08:00	11/8/21 13:44
P21-12145-03	2. CR2 FP KS 2	Lead	104	ug/L	10	20.0	8.99	15.0 *	SM 3113 B	11/4/21 08:00	11/8/21 15:38
P21-12145-04	3. CR3 FP SS 1	Lead	18.2	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	11/4/21 08:01	11/8/21 15:41
P21-12145-05	5. CR5 FP Steam Kettle	Lead	21.7	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	11/4/21 08:01	11/8/21 15:45
P21-12145-06	6. CR6 DWWC Lunch	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:03	11/8/21 14:10
P21-12145-07	7. CR7 FP TL	Lead	19.1	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	11/4/21 08:04	11/8/21 15:49
P21-12145-08	8. CR8 Rm 24 Sink (Bathroom)	Lead	36.8	ug/L	5	10.0	4.50	15.0 *	SM 3113 B	11/4/21 08:05	11/8/21 15:52
P21-12145-09	9. CR9 Media Ctr Sink	Lead	24.3	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	11/4/21 08:06	11/8/21 15:56
P21-12145-10	10. CR10 NS Sink	Lead	2.56	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:09	11/8/21 14:32
P21-12145-11	11. CR11 DWWC Main Office	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:12	11/8/21 14:35
P21-12145-12	12. CR12 FP Main Office	Lead	23.4	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	11/4/21 08:13	11/8/21 15:59
P21-12145-13	13. CR13 NS Sink	Lead	9.10	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:10	11/8/21 14:42
P21-12145-14	14. CR14 DWWC Gym Front 1	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:15	11/8/21 14:46
P21-12145-15	15. CR15 DWWC Gym Front 2	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:15	11/8/21 14:50
P21-12145-16	16. CR16 DWWC Gym Rear 1	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:17	11/8/21 15:01
P21-12145-17	17. CR17 Gym Rear 2	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:17	11/8/21 15:05
P21-12145-18	18. CR18 Sink Rm 13	Lead	2.56	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:19	11/8/21 15:08
P21-12145-19	19. CR19 DWWC Rm 22	Lead	1.03 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:21	11/8/21 15:12
P21-12145-20	20. CR20 DWWC Hall 1	Lead	2.34	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:24	11/8/21 15:30
P21-12145-21	21. CR21 DWWC Hall 2	Lead	1.68 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/4/21 08:24	11/8/21 15:34

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

Mark D. Feitelson, Lab. Director

Appendix D
Excel Template for Lead Results

Client : Strategic Environmental
Project ID : Conover Road Elementary School, 76 Conover Road

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 Elementary School	N	P21-12145-01	PAS	NJDEP 15001	11/4/2021	7:57	SM 3113 B	11/8/2021	12:53	-0.06	2.00	1	N	ND
1. CR1 FP KS 1	N	P21-12145-02	PAS	NJDEP 15001	11/4/2021	8:00	SM 3113 B	11/8/2021	13:44	49.5	20.0	10	N	
2. CR2 FP KS 2	N	P21-12145-03	PAS	NJDEP 15001	11/4/2021	8:00	SM 3113 B	11/8/2021	15:38	104	20.0	10	N	
3. CR3 FP SS 1	N	P21-12145-04	PAS	NJDEP 15001	11/4/2021	8:01	SM 3113 B	11/8/2021	15:41	18.2	4.00	2	N	
5. CR5 FP Steam Kettle	N	P21-12145-05	PAS	NJDEP 15001	11/4/2021	8:01	SM 3113 B	11/8/2021	15:45	21.7	4.00	2	N	
6. CR6 DWWC Lunch	N	P21-12145-06	PAS	NJDEP 15001	11/4/2021	8:03	SM 3113 B	11/8/2021	14:10	0.160	2.00	1	N	ND
7. CR7 FP TL	N	P21-12145-07	PAS	NJDEP 15001	11/4/2021	8:04	SM 3113 B	11/8/2021	15:49	19.1	4.00	2	N	
8. CR8 Rm 24 Sink (Bathroom)	N	P21-12145-08	PAS	NJDEP 15001	11/4/2021	8:05	SM 3113 B	11/8/2021	15:52	36.8	10.0	5	N	
9. CR9 Media Ctr Sink	N	P21-12145-09	PAS	NJDEP 15001	11/4/2021	8:06	SM 3113 B	11/8/2021	15:56	24.3	4.00	2	N	
10. CR10 NS Sink	N	P21-12145-10	PAS	NJDEP 15001	11/4/2021	8:09	SM 3113 B	11/8/2021	14:32	2.56	2.00	1	N	
11. CR11 DWWC Main Office	N	P21-12145-11	PAS	NJDEP 15001	11/4/2021	8:12	SM 3113 B	11/8/2021	14:35	0.160	2.00	1	N	ND
12. CR12 FP Main Office	N	P21-12145-12	PAS	NJDEP 15001	11/4/2021	8:13	SM 3113 B	11/8/2021	15:59	23.4	4.00	2	N	
13. CR13 NS Sink	N	P21-12145-13	PAS	NJDEP 15001	11/4/2021	8:10	SM 3113 B	11/8/2021	14:42	9.10	2.00	1	N	
14. CR14 DWWC Gym Front 1	N	P21-12145-14	PAS	NJDEP 15001	11/4/2021	8:15	SM 3113 B	11/8/2021	14:46	0.380	2.00	1	N	ND
15. CR15 DWWC Gym Front 2	N	P21-12145-15	PAS	NJDEP 15001	11/4/2021	8:15	SM 3113 B	11/8/2021	14:50	0.380	2.00	1	N	ND
16. CR16 DWWC Gym Rear 1	N	P21-12145-16	PAS	NJDEP 15001	11/4/2021	8:17	SM 3113 B	11/8/2021	15:01	0.590	2.00	1	N	ND
17. CR17 Gym Rear 2	N	P21-12145-17	PAS	NJDEP 15001	11/4/2021	8:17	SM 3113 B	11/8/2021	15:05	0.380	2.00	1	N	ND
18. CR18 Sink Rm 13	N	P21-12145-18	PAS	NJDEP 15001	11/4/2021	8:19	SM 3113 B	11/8/2021	15:08	2.56	2.00	1	N	
19. CR19 DWWC Rm 22	N	P21-12145-19	PAS	NJDEP 15001	11/4/2021	8:21	SM 3113 B	11/8/2021	15:12	1.03	2.00	1	N	J
20. CR20 DWWC Hall 1	N	P21-12145-20	PAS	NJDEP 15001	11/4/2021	8:24	SM 3113 B	11/8/2021	15:30	2.34	2.00	1	N	
21. CR21 DWWC Hall 2	N	P21-12145-21	PAS	NJDEP 15001	11/4/2021	8:24	SM 3113 B	11/8/2021	15:34	1.68	2.00	1	N	J



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

PRECISION ANALYTICAL SERVICES, INC.

2161 WHITESVILLE ROAD TOMS RIVER, NJ 08725 PHONE 732-614-1615 FAX 732-614-1616

CHAIN OF CUSTODY

Conover Road
Elementary School

School Name: Elementary School
School Address: 76 Conover Road
Sampled By: [Signature]
Print Name: J Bonanno
RESULTS TO: lbonnes@aol.com

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

Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flask Sample	Fiber Present	# Containers	Class or Plastic	Analysis	LAB ID
Field Blank Elementary School	7:57 am	DW	Grab			1	250 ml Plastic	Lead	
1 CR1 FP KS1	8:00 am	DW	Grab			1	250 ml Plastic	Lead	
2 CR2 FP KS2	8:00 am	DW	Grab			1	250 ml Plastic	Lead	
3 CR3 FP SS1	8:01 am	DW	Grab			1	250 ml Plastic	Lead	
4 CR4 FP Pot Filter	0/5	DW	Grab			1	250 ml Plastic	Lead	
5 CR5 FP Steam Kettle	8:01 am	DW	Grab			1	250 ml Plastic	Lead	
6 CR6 DW WC Lunch	8:03 am	DW	Grab			1	250 ml Plastic	Lead	
7 CR7 FP TL	8:04 am	DW	Grab			1	250 ml Plastic	Lead	
8 CR8 RM 24 SINK (Bathroom)	8:05 am	DW	Grab			1	250 ml Plastic	Lead	
9 CR9 media CTR SINK	8:06 am	DW	Grab			1	250 ml Plastic	Lead	
10 CR10 NS SINK	8:09 am	DW	Grab			1	250 ml Plastic	Lead	
11 CR11 DW WC main office	8:12 am	DW	Grab			1	250 ml Plastic	Lead	
12 CR12 FP main office	8:13 am	DW	Grab			1	250 ml Plastic	Lead	
13 CR13 NS SINK	8:10 am	DW	Grab			1	250 ml Plastic	Lead	
14 CR14 DW WC Gym Front	8:15 am	DW	Grab			1	250 ml Plastic	Lead	

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.
All First Draw

PDF Std. PDF Reduc PDF Full EDD

Date/Time Preserved: 11/14/21 10:00

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:	J Bonanno SEC Inc.	[Signature]		11/14/21
Received:	Lynn [Signature]	[Signature]		10:15 am
Relinquished:				
Received:				
Relinquished:				
Received:				



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PRECISION ANALYTICAL SERVICES, INC.

2461 WHITEHORSE ROAD YORK, OHIO 43145 PHONE 733-911 1818 FAX 733-911 1818

CHAIN OF CUSTODY

Conover Road

School Name: Elementary School
 School Address: 16 Conover Road
 Sampled By: [Signature]
 Print Name: SBoromando
 RESULTS TO: benses@aol.com

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

Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Class or Plastic	Analysis	LAB ID
15 CR15 DWWC Gym Front 2	8:15	DW	Grab			1	250 ml Plastic	Lead	
16 CR16 DWWC Gym Rear 1	8:17	DW	Grab			1	250 ml Plastic	Lead	
17 CR17 DWWC Gym Rear 2	8:17	DW	Grab			1	250 ml Plastic	Lead	
18 CR18 SINK RM 13	8:19	DW	Grab			1	250 ml Plastic	Lead	
19 CR19 DWWC RM 22	8:21	DW	Grab			1	250 ml Plastic	Lead	
20 CR20 DWWC Hall 1	8:24	DW	Grab			1	250 ml Plastic	Lead	
21 CR21 DWWC Hall 2	8:24	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

Pages of 2 Deliverables: PDF Std. PDF Reduc. PDF Full EDD One/Time Perceived with Model 1/14/21

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):

PREIER 0 = Ice 1 = HCl
 VATIVE 2 = H2SO4 3 = HNO3
 CODES 4 = HNO3 5 = Other

	Print Name:	Signature:	Date + Time
Relinquished:	SBoromando SEC Inc.	[Signature]	1/14/21
Received:	Lynn [Signature]	[Signature]	10:15 am
Relinquished:			
Received:			
Relinquished:			
Received:			

Conover Rd Elem School
76 Conover Rd

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: Thomas Giglio _____ 11/4/21
 Print Name Signature Date

Sampler: James Boronino _____ 11/4/21
 Print Name Signature Date

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

*Covered Road Elem
Colts Neck NJ 07723*

Approvals

School District Representatives:

Program Manager: _____
Print Name Signature Date

Project Manager(s): Thomas Giglio _____
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. B. ... _____
Print Name Signature Date

Laboratory: PAS Labs Inc.
Name of Laboratory

Laboratory Manager: Mark Feitelson _____
Print Name Signature Date

Laboratory QA Officer: Kelly Hogan _____
Print Name Signature Date

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