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

PRECISION ANALYTICAL SERVICES, INC. A Division of York Analytical Laboratories

2161 WHITESVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1515 FAX 732-914-1616

NJ Lab Cert. # 15001

CERTIFICATE OF ANALYSIS

Customer : Strategic Environmental
25 Butternut Lane
Bayville, NJ 08721

Project ID : Red Bank Primary School, 222 River Rd., Red Bank, NJ 07710

PAS Project ID : P24-11923

Matrix : Drinking Water

Report Date : 11/15/2024

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P24-11923-01	Field Blank Red Bank Primary School	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:37	11/8/24 14:55
P24-11923-02	2 PS2 DW 504B	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:37	11/8/24 14:59
P24-11923-03	3 PS3 DW 600A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:39	11/8/24 15:04
P24-11923-04	4 PS4 DW 600B	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:40	11/8/24 15:08
P24-11923-05	5 PS5 DW 300A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:42	11/8/24 15:12
P24-11923-06	6 PS6 DW 200A Left	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:44	11/8/24 15:17
P24-11923-07	7 PS7 DW 200B Right	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:44	11/8/24 15:21
P24-11923-08	8 PS8 NS 205A	Lead	1.65 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:47	11/8/24 15:35
P24-11923-09	9 PS9 TL 204A (Last Test)	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:47	11/8/24 15:40
P24-11923-10	10 PS10 WC 208A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:59	11/8/24 15:44
P24-11923-11	11 PS 11 FP 209A CM Coffee	Lead	1.42 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:01	11/8/24 15:49
P24-11923-12	12 PS 12 FP 209A ST Steamer	Lead	10.9	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:08	11/8/24 15:53
P24-11923-13	13 PS13 FP 209C ST Steamer	Lead	4.14	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:08	11/8/24 15:58
P24-11923-14	14 PS14 KC 209A RT	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:11	11/8/24 16:03
P24-11923-15	15 PS15 KC 209B Lft	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:11	11/8/24 16:07
P24-11923-16	16 PS16 FP 209E	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:11	11/8/24 16:12
P24-11923-17	17 PS17 FP 209F	Lead	1.20 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 08:13	11/8/24 16:31
P24-11923-18	18 PS18 FP 209G KT Kettle	Lead	**26.7**	ug/L	3	6.00	2.70	15.0 *	SM 3113 B	11/7/24 08:14	11/8/24 18:11
P24-11923-19	19 PS 19NS 109 (Add on)	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	11/7/24 07:56	11/8/24 16:40

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

Kelly Hogan

Kelly Hogan - Quality Assurance Officer

Appendix D
Excel Template for Lead Results

Client : Strategic Environmental
Project ID : Red Bank Primary School, 222 River Rd., Red Bank, NJ 07710

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 Red Bank Primary School	N	P24-11923-01	York-TR	NJDEP 15001	11/7/2024	7:37	SM 3113 B	11/8/2024	14:55	-0.16	2.00	1	N	ND
2 PS2 DW 504B	N	P24-11923-02	York-TR	NJDEP 15001	11/7/2024	7:37	SM 3113 B	11/8/2024	14:59	0.740	2.00	1	N	ND
3 PS3 DW 600A	N	P24-11923-03	York-TR	NJDEP 15001	11/7/2024	7:39	SM 3113 B	11/8/2024	15:04	-0.39	2.00	1	N	ND
4 PS4 DW 600B	N	P24-11923-04	York-TR	NJDEP 15001	11/7/2024	7:40	SM 3113 B	11/8/2024	15:08	-0.39	2.00	1	N	ND
5 PS5 DW 300A	N	P24-11923-05	York-TR	NJDEP 15001	11/7/2024	7:42	SM 3113 B	11/8/2024	15:12	-0.39	2.00	1	N	ND
6 PS6 DW 200A Left	N	P24-11923-06	York-TR	NJDEP 15001	11/7/2024	7:44	SM 3113 B	11/8/2024	15:17	-0.39	2.00	1	N	ND
7 PS7 DW 200B Right	N	P24-11923-07	York-TR	NJDEP 15001	11/7/2024	7:44	SM 3113 B	11/8/2024	15:21	-0.16	2.00	1	N	ND
8 PS8 NS 205A	N	P24-11923-08	York-TR	NJDEP 15001	11/7/2024	7:47	SM 3113 B	11/8/2024	15:35	1.65	2.00	1	N	J
9 PS9 TL 204A (Last Test)	N	P24-11923-09	York-TR	NJDEP 15001	11/7/2024	7:47	SM 3113 B	11/8/2024	15:40	0.062	2.00	1	N	ND
10 PS10 WC 208A	N	P24-11923-10	York-TR	NJDEP 15001	11/7/2024	7:59	SM 3113 B	11/8/2024	15:44	0.290	2.00	1	N	ND
11 PS 11 FP 209A CM Coffee	N	P24-11923-11	York-TR	NJDEP 15001	11/7/2024	8:01	SM 3113 B	11/8/2024	15:49	1.42	2.00	1	N	J
12 PS 12 FP 209A ST Steamer	N	P24-11923-12	York-TR	NJDEP 15001	11/7/2024	8:08	SM 3113 B	11/8/2024	15:53	10.9	2.00	1	N	
13 PS13 FP 209C ST Steamer	N	P24-11923-13	York-TR	NJDEP 15001	11/7/2024	8:08	SM 3113 B	11/8/2024	15:58	4.14	2.00	1	N	
14 PS14 KC 209A RT	N	P24-11923-14	York-TR	NJDEP 15001	11/7/2024	8:11	SM 3113 B	11/8/2024	16:03	0.062	2.00	1	N	ND
15 PS15 KC 209B Lft	N	P24-11923-15	York-TR	NJDEP 15001	11/7/2024	8:11	SM 3113 B	11/8/2024	16:07	0.062	2.00	1	N	ND
16 PS16 FP 209E	N	P24-11923-16	York-TR	NJDEP 15001	11/7/2024	8:11	SM 3113 B	11/8/2024	16:12	0.290	2.00	1	N	ND
17 PS17 FP 209F	N	P24-11923-17	York-TR	NJDEP 15001	11/7/2024	8:13	SM 3113 B	11/8/2024	16:31	1.20	2.00	1	N	J
18 PS18 FP 209G KT Kettle	N	P24-11923-18	York-TR	NJDEP 15001	11/7/2024	8:14	SM 3113 B	11/8/2024	18:11	**26.7**	6.00	3	N	
19 PS 19NS 109 (Add on)	N	P24-11923-19	York-TR	NJDEP 15001	11/7/2024	7:56	SM 3113 B	11/8/2024	16:40	0.520	2.00	1	N	ND

YORK ANALYTICAL LABORATORIES | part of ALS Limited

CHAIN OF CUSTODY

Customer:	Strategic Environmental Services
Address:	25 ButternutLane
	Bayville, NJ 08721
Phone:	(732) 269-4204

School Name: Red Bank Primary School
School Address: 222 River Rd Red Bank 07710
Sampled By:
Print Name: JBonanno
RESULTS TO: jbonses@aol.com

Sample ID Location	Date: 11/7/24 Time Sampled	Matrix Code	Grab or Comp	Field Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
Field Blank Red Bank Primary School	7:37 am	DW	Grab			1	250 ml Plastic	Lead	P24-11923-01
1 PS1 DW 503B (OUT?)	O/S	DW	Grab			1	250 ml Plastic	Lead	~~-02~~
2 PS2 DW 304B	7:37 am	DW	Grab			1	250 ml Plastic	Lead	-02
3 PS3 DW 600A	7:39 am	DW	Grab			1	250 ml Plastic	Lead	-03
4 PS4 DW 600B	7:40 am	DW	Grab			1	250 ml Plastic	Lead	-04
5 PS5 DW 300A	7:42 am	DW	Grab			1	250 ml Plastic	Lead	-05
6 PS6 DW 200A Left	7:44 am	DW	Grab			1	250 ml Plastic	Lead	-06
7 PS7 DW 200B Right	7:44 am	DW	Grab			1	250 ml Plastic	Lead	-07
8 PS8 NS 205A	7:47 am	DW	Grab			1	250 ml Plastic	Lead	-08
9 PS9 TL 204A (Last Tust)	7:47 am	DW	Grab			1	250 ml Plastic	Lead	-09
10 PS10 WC 208A	7:59 am	DW	Grab			1	250 ml Plastic	Lead	-10
11 PS11 FP 209A CN coffee	8:01 am	DW	Grab			1	250 ml Plastic	Lead	-11
12 PS12 FP 209A ST steamer	8:08 am	DW	Grab			1	250 ml Plastic	Lead	-12 ~~-04~~
13 PS13 FP 209C ST steamer	8:08 am	DW	Grab			1	250 ml Plastic	Lead	-13 ~~-15~~
14 PS14 KC 209A RT	8:11 am	DW	Grab			1	250 ml Plastic	Lead	P24-11923-14 ~~-16~~

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

Page 1 of 2

Deliverables:	PDF Std.	PDF Reduce			PDF Full	EDD	Date/Time Preserved with HNO3:
	X						11/7/24 12:35

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 = H_2SO_4, 3 = NaOH, 4 = HNO_3, 5 = Other

	Print Name:	Signature:	Company	Date + Time
Relinquished:	JBonanno SEC Inc.			11/7/24
Received:	Jedediah M Nord	Jedediah M Nord	YORK	632 am
Relinquished:				
Received:				
Relinquished:				
Received:				

PS9 TL will be O/S

YORK ANALYTICAL LABORATORIES | part of **ALS Limited**

CHAIN OF CUSTODY

School Name:	Red Bank Primary School
School Address	222 River Rd Red Bank 07710
Sampled By:	[signature]
Print Name:	J Bonanno
RESULTS TO:	jbonses@aol.com

Customer:	Strategic Environmental Services
Address:	25 ButternutLane
	Bayville, NJ 08721
Phone:	(732) 269-4204

Sample ID Location	Date / Time Sampled (11/7/24)	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
15 PS15 KC 209B Lft	8:11 am	DW	Grab			1	250 ml Plastic	Lead	P24-11923-15
16 PS16 FP 209E	8:11 am	DW	Grab			1	250 ml Plastic	Lead	-16
17 PS17 FP 209F	8:13 am	DW	Grab			1	250 ml Plastic	Lead	-17
18 PS18 FP 209G KT Kettle	8:14 am	DW	Grab			1	250 ml Plastic	Lead	-18
19 PS 19 NS 109 (Add on)	7:56 am	DW	Grab			1	250 ml Plastic	Lead	P24-11923-~~20~~ -19
		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

Page 2 of 2

Deliverables:	PDF Std.	PDF Reduce				PDF Full	EDD
	X						

Date/Time Preserved with HNO3: 11/7/24 12:35

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]		11/7/24 932am
Received:	Jedediah Neal	Jedediah N Neal	York	
Relinquished:				
Received:				
Relinquished:				
Received:				

* PS19 NS 109 new Add on

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

Red Bank Primary School
222 River Road
Red Bank NJ 07710

Approvals

School District Representatives:

Program Manager: Thomas C Berger — Print Name | Signature | 11/7/24 — Date

Project Manager(s): Thomas C Berger — Print Name | Signature | 11/7/24 — 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 Barranco — Print Name | Signature | 11/7/24 — Date

Laboratory: York Labs
Name of Laboratory

Laboratory Manager: Joseph Ramos — Print Name | Signature | 11/7/24 — Date

Laboratory QA Officer: Kelly Hogan — Print Name | Signature | 11/7/24 — Date

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

Red Bank Primary School
222 River Road
Red Bank NJ 07710

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.

	Print Name	Signature	Date
Project Officer:	X Thomas C Berger		11/7/24
Sampler:	J Bonanno		11/7/24