



CERTIFICATE OF ANALYSIS

Customer : Garden State Environmental
555 South Broad Street, Suite K
Glen Rock, NJ 07452

Project ID : Randolph BOE (9176) Shongum Elementary School, 9 Arrow Place, Randolph NJ 07869
PAS Project ID : P25-00259

Matrix : Drinking Water
Report Date : 1/20/2025

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P25-00259-01	RSES-1-B01A	Lead	14.1	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:30	1/14/25 11:06
P25-00259-02	RSES-1-S01A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:31	1/14/25 11:22
P25-00259-03	RSES-1-B03A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:32	1/14/25 11:34
P25-00259-04	RSES-1-B04A	Lead	1.85 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:33	1/14/25 11:38
P25-00259-05	RSES-1-B05A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:34	1/14/25 11:42
P25-00259-06	RSES-1-B06A	Lead	1.41 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:35	1/14/25 11:46
P25-00259-07	RSES-1-B07A	Lead	1.19 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:36	1/14/25 11:50
P25-00259-08	RSES-1-B08A	Lead	1.63 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:37	1/14/25 11:54
P25-00259-09	RSES-1-B09A	Lead	21.3	ug/L	3	6.00	2.70	15.0 *	SM 3113 B	12/27/24 08:39	1/14/25 14:33
P25-00259-10	RSES-1-B11A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:40	1/14/25 12:02
P25-00259-11	RSES-1-B13A	Lead	2.72	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:41	1/14/25 12:06
P25-00259-12	RSES-1-B14A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:43	1/14/25 12:18
P25-00259-13	RSES-1-B15A	Lead	2.50	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:46	1/14/25 12:22
P25-00259-14	RSES-1-WC01A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:49	1/14/25 12:26
P25-00259-15	RSES-1-BF01A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:49	1/14/25 12:31
P25-00259-16	RSES-1-WC02A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:53	1/14/25 12:35
P25-00259-17	RSES-1-BF02A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:54	1/14/25 12:39
P25-00259-18	RSES-1-S02A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:57	1/14/25 12:43
P25-00259-19	RSES-1-S03A	Lead	12.6	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 08:58	1/14/25 12:47
P25-00259-20	RSES-1-S04A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:00	1/14/25 12:51
P25-00259-21	RSES-1-S05A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:00	1/14/25 13:03
P25-00259-22	RSES-1-WC03A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:02	1/14/25 13:19
P25-00259-23	RSES-1-BF03A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:02	1/14/25 13:23
P25-00259-24	RSES-1-B16A	Lead	2.94	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:05	1/14/25 13:27
P25-00259-25	RSES-1-B18A	Lead	0.970 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:06	1/14/25 13:31
P25-00259-26	RSES-1-B19A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:07	1/14/25 13:35
P25-00259-27	RSES-1-B21A	Lead	2.07	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:08	1/14/25 13:47
P25-00259-28	RSES-1-B22A	Lead	3.16	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:10	1/14/25 13:51
P25-00259-29	RSES-1-B25A	Lead	2.72	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:11	1/14/25 13:55
P25-00259-30	RSES-1-B26A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:12	1/14/25 13:59
P25-00259-31	RSES-1-B27A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:13	1/14/25 14:03
P25-00259-32	RSES-1-B29A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:20	1/14/25 14:07
P25-00259-33	RSES-1-B30A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:22	1/14/25 14:11
P25-00259-34	RSES-1-B31A	Lead	8.40	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:23	1/14/25 14:15
P25-00259-35	RSES-1-WC04A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:25	1/14/25 14:41
P25-00259-36	RSES-1-BF04A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:25	1/14/25 14:45
P25-00259-37	RSES-1-WC05A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:26	1/14/25 14:49
P25-00259-38	RSES-1-BF05A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:26	1/14/25 14:53
P25-00259-39	RSES-1-B32A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:27	1/14/25 14:57
P25-00259-40	RSES-1-B33A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:29	1/14/25 15:01
P25-00259-41	RSES-1-B34A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:30	1/14/25 15:05
P25-00259-42	RSES-1-S06A	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:35	1/14/25 15:29
P25-00259-43	RSES-12-27-FBA	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/27/24 09:35	1/14/25 15:33

Except for the parameters tested, York Analytical 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 - Quality Assurance Officer



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**CHAIN
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CUSTODY**

Customer: Garden State Environmental
 Address: 555 S. Broad St.
 Glen Rock, NJ 07452
 Phone: (201) 652-1119 Office

School Name: **Randolph BOE (9176) Shongum Elementary School**
 School Address: **9 Arrow Place, Randolph NJ**
 Sampled By: *Michael Blaney*
 Print Name: **Michael Blaney**
 RESULTS TO: **labreports@gseconsultants.com**

Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
RSES-1-B01A (Room 15)	12/27/24 8:30am	DW	Grab	no	no	1	250 ml Plastic	Lead	P25-00259-01
RSES-1-S01A (Faculty Room)	8:31am	DW	Grab	no	no	1	250 ml Plastic	Lead	-02
RSES-1-B03A (Room 9)	8:32am	DW	Grab	no	no	1	250 ml Plastic	Lead	-03
RSES-1-B04A (Room 10)	8:33am	DW	Grab	no	no	1	250 ml Plastic	Lead	-04
RSES-1-B05A (Room 7)	8:34am	DW	Grab	no	no	1	250 ml Plastic	Lead	-05
RSES-1-B06A (Room 8)	8:35am	DW	Grab	no	no	1	250 ml Plastic	Lead	-06
RSES-1-B07A (Room 5)	8:36am	DW	Grab	no	no	1	250 ml Plastic	Lead	-07
RSES-1-B08A (Room 6)	8:37am	DW	Grab	no	no	1	250 ml Plastic	Lead	-08
RSES-1-B09A (Room 3)	8:39am	DW	Grab	no	no	1	250 ml Plastic	Lead	-09
RSES-1-B11A (Room 4)	8:40am	DW	Grab	no	no	1	250 ml Plastic	Lead	-10
RSES-1-B13A (Room 2)	8:41am	DW	Grab	no	no	1	250 ml Plastic	Lead	-11
RSES-1-B14A (Room 1 front)	8:43am	DW	Grab	no	no	1	250 ml Plastic	Lead	-12
RSES-1-B15A (Room 1 rear)	8:46am	DW	Grab	no	no	1	250 ml Plastic	Lead	-13
RSES-1-WC01A (student entry foyer)	8:49am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-14
RSES-1-BF01A (student entry foyer)	8:49am	DW	Grab	no	yes	1	250 ml Plastic	Lead	P25-00259-15

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

Page 1 of 3

Deliverables: PDF Std. PDF Reduce PDF Full EDD Date/Time Preserved with HNO3: 1/9/25 @ 1345

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):

PRESERVATION: 0 = Ice, 1 = HCl, 2 = H2SO4, 3 = NaOH, 4 = HNO3, 5 = Other

	Print Name:	Signature:	Company	Date + Time
Relinquished:	Michael Blaney	<i>Michael Blaney</i>	GSE	1/3/25 @ 11:55
Received:	<i>Perry Hodges</i>	<i>[Signature]</i>	YAL	1/8/25 1:15pm
Relinquished:	<i>Perry Hodges</i>	<i>[Signature]</i>	YAL	1/8/25 1:55
Received:	Lauren Palumbo	<i>[Signature]</i>		
Relinquished:				
Received:				



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Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
RSES-1-WC02A (café)	12/27/24 8:53am	DW	Grab	no	YES	1	250 ml Plastic	Lead	P25-00259-16
RSES-1-BF02A (café)	8:54am	DW	Grab	no	YES	1	250 ml Plastic	Lead	-17
RSES-1-S02A (kitchen dish room)	8:57am	DW	Grab	no	no	1	250 ml Plastic	Lead	-18
RSES-1-S03A (Kitchen 2comp)	8:58am	DW	Grab	no	no	1	250 ml Plastic	Lead	-19
RSES-1-S04A (Kitchen 3comp right)	9:00am	DW	Grab	no	no	1	250 ml Plastic	Lead	-20
RSES-1-S05A (Kitchen 3 comp left)	9:00am	DW	Grab	no	no	1	250 ml Plastic	Lead	-21
RSES-1-WC03A (Outside Rm 37)	9:02am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-22
RSES-1-BF03A (Outside Rm 37)	9:09am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-23
RSES-1-B16A (Room 37)	9:05am	DW	Grab	no	no	1	250 ml Plastic	Lead	-24
RSES-1-B18A (Room 38)	9:06 am	DW	Grab	no	no	1	250 ml Plastic	Lead	-25
RSES-1-B19A (Room 41)	9:07 am	DW	Grab	no	no	1	250 ml Plastic	Lead	-26
RSES-1-B21A (Room 43)	9:08 am	DW	Grab	no	no	1	250 ml Plastic	Lead	-27
RSES-1-B22A (Room 42)	9:10am	DW	Grab	no	no	1	250 ml Plastic	Lead	-28
RSES-1-B25A (Room 47)	9:11am	DW	Grab	no	no	1	250 ml Plastic	Lead	-29
RSES-1-B26A (Room 46)	9:10am	DW	Grab	no	no	1	250 ml Plastic	Lead	P25-00259-30

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

PDF Std. PDF Reduce PDF Full EDD

Deliverables: X

Date/Time Preserved with HNO3: 1/9/25 @ 1345 LP

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	Print Name:	Signature:	Company:	Date + Time
Relinquished:	Michael Blaney	<i>Michael Blaney</i>	GSE	1/9/25 @ 11:55
Received:	<i>Perry Hoopes</i>	<i>Perry Hoopes</i>	GSE	1/8/25 1:15pm
Relinquished:	<i>Perry Hoopes</i>	<i>Perry Hoopes</i>	YAL	1/8/25 1:55
Received:	Lauren Palumbo	<i>Lauren Palumbo</i>	YAL	
Relinquished:				
Received:				



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Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
RSES-1-B27A (Room 49)	12/27/24 9:13am	DW	Grab	no	no	1	250 ml Plastic	Lead	P25-00259-31
RSES-1-B29A (Room 50)	9:20am	DW	Grab	no	no	1	250 ml Plastic	Lead	-32
RSES-1-B30A (Room 52)	9:22am	DW	Grab	no	no	1	250 ml Plastic	Lead	-33
RSES-1-B31A (Room 51)	9:23am	DW	Grab	no	no	1	250 ml Plastic	Lead	-34
RSES-1-WC04A (Outside gym left)	9:25am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-35
RSES-1-BF04A (Outside gym left)	9:25am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-36
RSES-1-WC05A (Outside gym right)	9:26am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-37
RSES-1-BF05A (Outside gym right)	9:26am	DW	Grab	no	yes	1	250 ml Plastic	Lead	-38
RSES-1-B32A (Room 54)	9:27am	DW	Grab	no	no	1	250 ml Plastic	Lead	-39
RSES-1-B33A (Room 53)	9:29am	DW	Grab	no	no	1	250 ml Plastic	Lead	-40
RSES-1-B34A (Room 55)	9:30am	DW	Grab	no	no	1	250 ml Plastic	Lead	-41
RSES-1-S06A (nurse)	9:35am	DW	Grab	no	no	1	250 ml Plastic	Lead	-42
RSES-12-27-FBA (field blank)	9:35am	DW	Grab	no	no	1	250 ml Plastic	Lead	P25-00259-43
		DW	Grab			1	250 ml Plastic	Lead	
		DW	Grab			1	250 ml Plastic	Lead	

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

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	Print Name:	Signature:	Company:	Date + Time
Relinquished:	Michael Blaney	<i>Michael Blaney</i>	GSE	1/31/25 @ 1135
Received:	<i>Perry Hodges</i>	<i>Perry Hodges</i>	<i>GSE</i>	1/28/25 1:15pm
Relinquished:	<i>Perry Hodges</i>	<i>Perry Hodges</i>	<i>GSE</i>	1/8/25 1755
Received:	Lauren Palumbo	<i>Lauren Palumbo</i>	YAL	
Relinquished:				
Received:				