



ALS Environmental - Toms River
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Analyzed by: ALS Environmental - Toms River

Client:	Garden State Environmental	Work Order No:	T6E0506
Client Project:	Shongum Elementary School (9502), 9 Arros Place, Randolph, NJ	Date Received:	5/8/26 6:50 pm
		State:	NJ

Analysis:	Metals by ICP				Matrix:	Drinking Water			
Prep Method:	EPA 200.7 (without digestion)				Client ID:	RSES-1-S07A (Faculty Room Sink)			
Reference Method:	EPA 200.7				Collection Date/Time:	5/8/26 6:12 am			
Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	MCL	Units	Analyzed
T6E0506-01	Copper	283		5	1	1	1300	ug/L	5/14/26 4:53 pm

Analysis:	Metals by Graphite Furnace AA				Matrix:	Drinking Water			
Prep Method:	SM 3113 B (without digestion)				Client ID:	RSES-1-S07A (Faculty Room Sink)			
Reference Method:	SM 3113 B				Collection Date/Time:	5/8/26 6:12 am			
Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	MCL	Units	Analyzed
T6E0506-01	Lead	2.65		2.00	0.899	1	15	ug/L	5/12/26 3:01 pm

Analysis:	Metals by ICP				Matrix:	Drinking Water			
Prep Method:	EPA 200.7 (without digestion)				Client ID:	RSES-5-8-FBA (Field Blank A)			
Reference Method:	EPA 200.7				Collection Date/Time:	5/8/26 6:12 am			
Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	MCL	Units	Analyzed
T6E0506-03	Copper	ND		5	1	1	1300	ug/L	5/14/26 4:59 pm

Analysis:	Metals by Graphite Furnace AA				Matrix:	Drinking Water			
Prep Method:	SM 3113 B (without digestion)				Client ID:	RSES-5-8-FBA (Field Blank A)			
Reference Method:	SM 3113 B				Collection Date/Time:	5/8/26 6:12 am			
Lab ID	Parameter	Result	Flag	RL	MDL	Dilution	MCL	Units	Analyzed
T6E0506-03	Lead	ND		2.00	0.899	1	15	ug/L	5/12/26 3:11 pm

Joseph Ravino
Laboratory Director

List of Certifications

Code	Description	Number	Expires
NJDEP-15001	NJDEP-Toms River NJ	NJ-15001	06/30/2026
NYSDOH-12211	NYSDOH-12211	NYSDOH-12211	04/01/2027
CTDPH-PH-0835	CTDPH-PH-0835	CT-PH-0835	12/31/2026
MADEP-NJ1364	MADEP-NJ1364	MADEP-NJ1364	06/30/2026



Non-Certified Analyses Included in This Report

Work Order No: T6E0506 State of Origin: NJ

No Exceptions

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
MCL	MAXIMUM CONTAMINANT LEVEL for drinking water, which is the highest level of a contaminant allowed in public water systems. These are legally enforceable health-based standards set by the U.S. Environmental Protection Agency (EPA) to protect public health from contaminants in drinking water.
Secondary MCL	SECONDARY MCL (Maximum Contaminant Level) is a non-enforceable guideline for contaminants in drinking water that affect aesthetic qualities like taste, odor, and color, or that cause cosmetic effects like staining. These are intended to protect public welfare and are not based on direct health effects, though states can choose to make them mandatory.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Analysis were performed according to ALS Environmental-Toms River's NELAC approved quality assurance program and any applicable state requirements. Unless otherwise noted within the body of this report, the test results meet the requirements of the TNI 2016 laboratory standards.

Analyses that are reported down to the LOD/MDL, with reported values between the LOD/MDL and the LOQ are "J" flagged as estimated results.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

School Name: Shongum Elementary School (9502)
School Address: 9 Arrow Place, Randolph, NJ
Sampled By: *[Signature]*
Print Name: Javier Sanchez
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-S07A (Faculty Room Sink)	5/8/2026 06:12	DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	T6E0506 -01
RSES-1-S07B (Faculty Room Sink)	5/8/2026 06:15	DW	Grab	Yes	No	1	250 ml Plastic	Lead & Copper	-02
RSES-5-8-FBA (Field Blank A)	5/8/2026 06:16	DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	-03
RSES-5-8-FBB (Field Blank B)	5/8/2026 06:17	DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	T6E0506-04
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	
		DW	Grab	No	No	1	250 ml Plastic	Lead & Copper	



SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

Deliverables: PDF Std. ☒ PDF Reduce ☐ PDF Full ☐ EDD ☐ Date/Time Preserved with HNO3: 5/11/26 10:55

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:	Javier Sanchez	<i>[Signature]</i>	GSE	5/8/2026 8:45am
Received:	M. Milazzo	<i>[Signature]</i>	ALS	5-8-26 13:30
Relinquished:	M. Milazzo	<i>[Signature]</i>	ALS	5-8-26 18:50
Received:				
Relinquished:				
Received:				

Only analyze B sample if A sample comes back elevated 27°C @