

May 2025

RE: Lead In Water Testing Results @ Play and Learn - Clifton Place

Dear School Community,

Play and Learn School has completed comprehensive testing of the drinking water outlets as per the New Jersey Department of Education's (NJDOE) emergency rulemaking.

Play and Learn retained the services of Agra Environmental and Laboratory Services to assist with complying with the NJDOE rules. Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection (NJDEP), we completed a plumbing profile for the building. Through this effort, we identified and tested our drinking water and food preparation outlets.

Test Results

None of the tested outlets exceeded the 15 PPB lead action level adopted by the NJDOE. Therefore, no action is required. This criterion adopted by the NJDOE is not a health-based standard.

Health Effects of Lead

High concentrations of lead in drinking water can cause and contribute to health problems. Elevated concentrations of lead in the body can cause damage to the brain and kidneys, and can interfere with red blood cell production. Pregnant women, infants, and children under 6 years of age represent susceptible populations with regard to exposures. At *very* high levels, acute symptoms can present. Adults with kidney problems and high blood pressure can be chronically affected by low levels of lead more than healthy adults.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. USEPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

Everyone in Jersey City receives their water the same way, from the same source, whether they are a school or a residence. The City of Jersey City owns the Jersey City Water System (JCWS) that supplies the municipality. The JCWS is a public water system. The Jersey City Municipal Utilities Authority (JCMUA) operates the sewer and water systems of Jersey City; and the JCMUA has subcontracted the operation of the JCWS to a private entity: Suez Water (formerly United Water Jersey City).

How Lead Enters our Water

Lead is atypical among drinking water contaminants in that it seldom occurs in higher concentrations naturally in water supplies like groundwater, rivers, and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets.

In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning may contain elevated levels of lead.

For More Information

A copy of the test results is available in the office for inspection by the public, including students, teachers, other school personnel, and parents.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Jason Hoffman *Director*



CERTIFICATIONS

Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Pace Analytical Services, LLC - Melville, NY

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158 New York Certification #: 10478 Primary Accrediting Body Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340 Texas Certification #: T104704582 Florida Certification #: E871198



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:00AM	Lab ID: 70	0 354070001 C	ollected: 05/06/2	25 07:00	Received: 05	5/12/25 11:28 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analytic	ethod: EPA 200.8 cal Services - Me	lville					
Copper Lead	72.8 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 16:53 05/21/25 16:53	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:02AM	Lab ID: 70	354070002 C	Collected: 05/06/2	25 07:02	Received: 05	5/12/25 11:28 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analytic	ethod: EPA 200.8 cal Services - Me	} elville					
Copper Lead	96.5 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 16:58 05/21/25 16:58	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:05AM	Lab ID: 7	0354070003 C	ollected: 05/06/2	25 07:05	Received: 08	5/12/25 11:28 N	/latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M Pace Analyti	lethod: EPA 200.8 ical Services - Me	lville					
Copper Lead	70.9 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 16:59 05/21/25 16:59	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:06AM	Lab ID: 70	3 54070004 C	ollected: 05/06/2	25 07:06	Received: 05	5/12/25 11:28 N	/latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analytic	ethod: EPA 200.8 cal Services - Me	elville					
Copper Lead	56.5 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 17:00 05/21/25 17:00	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:08AM	Lab ID: 70	0354070005 Co	ollected: 05/06/2	25 07:08	Received: 05	5/12/25 11:28 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analyti	ethod: EPA 200.8 ical Services - Mel	ville					
Copper Lead	87.0 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 17:02 05/21/25 17:02	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:09AM	Lab ID: 70	0354070006 Co	ollected: 05/06/2	25 07:09	Received: 05	5/12/25 11:28 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analyti	ethod: EPA 200.8 ical Services - Mel	ville					
Copper Lead	67.3 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 17:03 05/21/25 17:03	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:10AM	Lab ID: 70	354070007 C	Collected: 05/06/2	25 07:10	Received: 05	5/12/25 11:28 N	/latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me Pace Analytic	ethod: EPA 200.8 cal Services - Me	} elville					
Copper Lead	69.7 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 17:05 05/21/25 17:05	7440-50-8 7439-92-1	



Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

Sample: 7:17AM	Lab ID: 7	0354070008	Collected: 05/06/2	25 07:17	Received: 05	5/12/25 11:28 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical M Pace Analyt	1ethod: EPA 200 tical Services - N	.8 ⁄lelville					
Copper Lead	66.2 <1.0	ug/L ug/L	2.0 1.0	1 1		05/21/25 17:06 05/21/25 17:06	7440-50-8 7439-92-1	



QUALITY CONTROL DATA

Project:	PLAY AND LEAR	2025						
Pace Project No.:	70354070							
QC Batch:	400257		Analysis Metho	d: E	PA 200.8			
QC Batch Method:	EPA 200.8		Analysis Descri	ption: 20	00.8 MET No Pi	rep Drinking W	ater	
			Laboratory:	P	ace Analytical S	Services - Melv	ille	
Associated Lab San	nples: 70354070 70354070	0001, 70354070002, 0008	, 70354070003, 703	54070004, 7	0354070005, 70	0354070006, 7	0354070007,	
METHOD BLANK:	2112436		Matrix: W	ater				
Associated Lab San	nples: 70354070 70354070	0001, 70354070002, 0008	, 70354070003, 703	54070004, 7	0354070005, 70	0354070006, 7	0354070007,	
Paran	neter	Units	Blank Result	Reporting Limit	Analyzed	Qualifi	ers	
Copper		ua/L	<2.0	2.0	05/21/25 16:2	27		
Lead		ug/L	<1.0	1.0	05/21/25 16:2	27		
LABORATORY CON	NTROL SAMPLE:	2112437						
Doron	actor	Lipito	Spike LC	S	LCS	% Rec	Qualifiara	
	letel						Quaimers	
Copper Lead		ug/L ug/l	50 50	48.3 48.4	97 97	85-115 85-115		
		-9, -						
MATRIX SPIKE SAM	MPLE:	2112439						
Paran	neter	Units	70354773008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper		ug/L	18.5	50	65.2	93	3 70-130	
Lead		ug/L	<1.0	50	49.1	98	3 70-130	
MATRIX SPIKE SAM	MPLE:	2112441						
Daran	aatar	Linita	70354773009	Spike	MS	MS % Dee	% Rec	Qualifiara
	leter	0				% Rec		
Copper Lead		ug/L ug/l	70.9	50 50	103 37.2	6: 72	2 70-130 2 70-130	M1
		5						
SAMPLE DUPLICA	TE: 2112438							
Paran	neter	Units	70354773008 Result	Dup Result	RPD	Qualifiers		
Copper		ua/L	18.5	18.2				
Lead		ug/L	<1.0	<1.0		-		
SAMPLE DUPLICA	ΓE: 2112440							
			70354773009	Dup	_	_		
Paran	neter	Units	Result	Result	RPD	Qualifiers		
Copper		ug/L	70.9	67.7	ę	5		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project:PLAY AND LEAR 2025Pace Project No.:70354070

SAMPLE DUPLICATE: 2112440					
		70354773009	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Lead	ug/L	1.1	1.1	1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: PLAY AND LEAR 2025

Pace Project No.: 70354070

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.