September 7, 2023

Charlie Maldonado Union City Early Childhood Learning Center 510 35th Street jcmaldonado@hotmail.com (Transmitted Via Email)

Re: Drinking Water Sampling Results- Lead and Copper

510 35th Street

Union City, Hudson County, New Jersey *Brilliant* Project Number: 4473B.19

Dear Mr. Maldonado:

Brilliant Environmental Services, LLC (*Brilliant*) was on Site on September 7, 2023 to collect drinking water samples from your facility or analysis of Lead and Copper. The purpose of the sampling was to fulfill the New Jersey Department of Children and Families Office of Licensing (NJDCF) requirements as per N.J.A.C 3A:52-5.3(i) of the NJ Manual of Requirements for Child Care Centers.

According to the manual, "If the facility is supplied by a public community water system, the applicant or facility operator shall provide documentation of water testing conducted by a laboratory certified by the Department of Environmental Protection for water testing for lead and copper from all faucets and other sources used for drinking water or food preparation and at least 50 percent of all indoor water faucets utilized by the center.

Twenty two (22) drinking water sample was collected and submitted to Precision Analytical Services, Inc. (PAS) of Toms River (NJDEP Certification # 15005) for analysis of Lead and Copper. Neither lead nor copper were detected above the DWQS. The laboratory data package is enclosed.

Please contact me with any questions or comments.

Sincerely,

BRILLIANT ENVIRONMENTAL SERVICES, LLC

Brian Babcock

Director of LSRP/Industrial Services

BB/km

State of New Jersey
Department of Children and Families
Office of Licensing

DRINKING WATER TESTING CHECKLIST

Note: This form is for child care centers that are supplied water by a community water system.

•PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM•

		CHILD CA	RE CENTER II	NFORMATIO	N	
Name of Child Ca	re Center:				License ID:	
Site Address of Center:	Building # and Street:			Municipality:		County:
Sponsor/Sponsor	Representative:		Phone Number:		Email:	
CERTIFIC	CATION OF COM	MPLIANCE WITH LEA	ND & COPPER	SAMPLING	AT THE ABOVE	CHILD CARE CENTER
Samplii	ng Date(s):					
1. YES	NO	Does the center have a sign copper analysis?	gned contract wit	h a New Jersey	Certified Drinking W	ater Laboratory for lead &
2. YES	NO	Is there an onsite water o	utlet assessment	in accordance v	vith technical guidar	nce?
3. YES	NO	Is there a floor plan in acc	ordance with tec	hnical guidance	?	
4. YES Sample D		Were all the drinking water food preparation and outs				may have access (including
5. YES Sample D		Were at least 50% of all in	ndoor water fauce	ets utilized by th	e center sampled?	
6. YES	NO	Does the child care center sampled? Please attach of		of custody and a	nalytical reports for	all drinking water outlets
7. YES]NO	Was all the drinking water outlet closest to the point		l in the sequence	e determined by the	e floor plan beginning with the
8. YES]NO	Were all samples taken af hours?	ter the water sat	undisturbed in	pipes for at least 8 h	nours but no more than 48
9. YES	NO	Were samples collected in sample containers?	n pre-cleaned hig	h density polyet	hylene (HDPE) 250 r	ml wide mouth single use rigid
10. YES	NO	Were all existing aerators	, screens, and filt	ers left in place	prior to and during	the sampling event?
11. YES	NO	Were only cold water sam	ples collected?			
12. YES]NO	Did no pre-stagnant flushi flushing log?	ing take place un	less the outlet d	eviated from norma	l use and documented on
13. YES	NO	Was all point of use treatr	ment on outlets,	such as filters, d	ocumented?	
14. YES	NO	Did any result exceed the	action level for le	ead (15 μg/L) or	copper (1300 μg/L)?	?
15. YES	□NO □N/A	If a result exceeded the acoutlets immediately disco		d (15 μg/L) or co	pper (1300 μg/L) w	as use of all drinking water
16. YES	NO □N/A	If a result exceeded the addrinking and food prepara		d (15 μg/L) or co	pper (1300 μg/L) w	as bottled water provided for
17. YES	□no □n/a	If a result exceeded the action that the outlets are not to				ere signs posted to indicate
-			-	-		

18. YES NO N/A	Did all drinking water outlets with a result that exceeded the action level for lead (15 μ g/L) or copper (1300 μ g/L) have a follow-up flush sample conducted?
19. YES NO	If a result exceeded the action level for lead (15 μ g/L) or copper (1300 μ g/L) was the local health office notified of results?
20. YES NO N/A	If any of the results exceeded the action level for lead (15 μ g/L) or copper (1300 μ g/L), was notification, including results and remediation measures, provided to the parent(s) of all children attending the center, the staff, and NJDCF?
21. YES NO N/A	Were any drinking water outlets or potable plumbing replaced or repaired as a remedy for an action level exceedance?
22. YES NO N/A Sample Date:	If any drinking water outlet or potable plumbing was replaced or repaired, were additional samples collected after installation?
23. YES NO N/A	Was any chemical treatment unit or process installed to remedy an action level exceedance (e.g., corrosion control treatment)?
24. YES NO N/A Sample Date:	If a chemical treatment unit or process was installed to remedy an action level exceedance (e.g., corrosion control treatment), were additional samples collected after the installation?
25. YES NO N/A	Was a mechanical process implemented to remedy an action level exceedance (e.g., flushing program)?
26. YES NO N/A	If a mechanical process was implemented to remedy an action level exceedance (e.g., flushing program), were additional samples collected after the implementation?
27. YES NO N/A	If no remedial action was taken, such as those indicated in 21 through 26 above, has the center implemented a written plan of action for use of bottled water for drinking and food preparation?
-	gning below, the Sponsor or Sponsor Representative certifies that all st are true and accurate:
Sponsor/Sponsor Repre	sentative: (PRINT)
Signature:	

Sponsor/Sponsor Representative: (PRINT)	
Signature:	
Signature Date:	

DRINKING WATER TESTING RESOURCES

Schools - Lead Sampling Information http://www.nj.gov/dep/watersupply/schools.htm

Lead Sampling in Schools Technical Guidance FAQs http://www.nj.gov/dep/watersupply/pdf/leadfag.pdf

3Ts for Reducing Lead in Drinking Water: Testing https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-testing

Quick Reference Guide Sampling For Lead in Drinking Water in Schools: http://www.nj.gov/dep/watersupply/pdf/quickref.pdf

List of NJ Certified Laboratories:

https://www13.state.nj.us/DataMiner/Search/SearchByCategory?isExternal=y&getCategory=y&catName=Certified+Laboratories

Drinking Water Outlet Inventory Form:

http://www.nj.gov/dep/watersupply/doc/SP Attachment%20C.docx

Sampling Water Use Certification:

http://www.nj.gov/dep/watersupply/doc/SP Attachment%20F.docx

Filter Inventory Form:

http://www.nj.gov/dep/watersupply/doc/SP Attachment%20D.docx

Results Letter Template:

http://www.nj.gov/dep/watersupply/doc/resultsletter.doc

Drinking Water Summary Results Table

Union City Early Childhood Learning Center

510 37th Street

Union City, Hudson County, New Jersey

Sample ID	Date	Copper	Lead
Federal and State P	rimary and Secondary	1 200 [A1]**	1F [Al]**
Drinking Wa	ater Standards	1,300 [AL]**	15 [AL]**
1	9/7/2023	ND (22.6)	ND (0.900)
2	9/7/2023	ND (22.6)	ND (0.900)
3	9/7/2023	ND (22.6)	ND (0.900)
4	9/7/2023	ND (22.6)	ND (0.900)
5	9/7/2023	ND (22.6)	ND (0.900)
6	9/7/2023	ND (22.6)	ND (0.900)
7	9/7/2023	ND (22.6)	ND (0.900)
8	9/7/2023	ND (22.6)	ND (0.900)
9	9/7/2023	ND (22.6)	ND (0.900)
10	9/7/2023	ND (22.6)	ND (0.900)
11	9/7/2023	27.6 J	ND (0.900)
12	9/7/2023	ND (22.6)	ND (0.900)
13	9/7/2023	364	7.66
14	9/7/2023	ND (22.6)	ND (0.900)
15	9/7/2023	71.9	ND (0.900)
16	9/7/2023	ND (22.6)	ND (0.900)
17	9/7/2023	89.7	ND (0.900)
18	9/7/2023	36.5 J	ND (0.900)
19	9/7/2023	54.2	ND (0.900)
20	9/7/2023	ND (22.6)	ND (0.900)
21	9/7/2023	27.6 J	ND (0.900)
22	9/7/2023	27.6 J	ND (0.900)

Notes:

All Data reported in ug/L

ND (MLD) - Not detected above the laboratory method detection limit, provded in parenthesis.

^{** [}AL] action level is not an MCL. It is a trigge point at which remedial action is to take place.

PRECISION ANALYTICAL SERVICES, INC. 2161 WHITESVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1515 FAX 732-914-1616

NJ Lab Cert. # 15001

Matrix: Drinking Water

Report Date: 9/13/2023

CERTIFICATE OF ANALYSIS

Customer: Brilliant Environmental

534 Whitesville Road Jackson Twp, NJ 08527

Union City Learning Center (4473B.19), 510 35th Street, Union City Project ID:

PAS Project ID: P23-10700

Date Date Client ID Analysis Results Units DF PQL MDL MCL Method PAS Sample ID Analyzed Sampled SM 3111 B P23-10700-01 Copper ND ug/L 50.0 22.6 1300 9/7/23 05:51 9/11/23 13:03 P23-10700-01 0.900 SM 3113 B .ead ND ug/L 2.00 15.0 9/7/23 05:51 9/8/23 17:30 50.0 P23-10700-02 ND ug/L 1 22.6 1300 SM 3111 B 9/7/23 05:53 9/11/23 13:04 Copper ND 15.0 9/7/23 05:53 ug/L P23-10700-03 3 Copper ND ug/L 1 50.0 22.6 1300 SM 3111 B 9/7/23 05:54 9/11/23 13:05 P23-10700-03 3 ead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 05:54 9/8/23 17:38 P23-10700-04 ND 50.0 SM 3111 B 9/7/23 05:57 9/11/23 13:06 22.6 1300 Copper ug/L 1 ND 1 2.00 0.900 15.0 SM 3113 B 9/7/23 05:57 9/8/23 17:55 P23-10700-04 4 Lead ug/L P23-10700-05 ND 50.0 22.6 1300 SM 3111 B 9/7/23 05:58 9/11/23 13:07 Copper ug/L P23-10700-05 Lead ND 1 2.00 0.900 15.0 SM 3113 B 9/7/23 05:58 9/8/23 18:07 ug/L SM 3111 B 9/7/23 05:59 9/11/23 13:08 P23-10700-06 6 Copper ND ug/L 1 50.0 22.6 1300 P23-10700-06 6 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 05:59 9/8/23 18:11 P23-10700-07 ND 50.0 22.6 1300 SM 3111 B 9/7/23 06:00 9/11/23 13:09 ug/L Copper 1 P23-10700-07 ND 2.00 0.900 SM 3113 B 9/8/23 18:15 ead ug/L 1 15.0 9/7/23 06:00 P23-10700-08 8 Copper ND ug/L 1 50.0 22.6 1300 SM 3111 B 9/7/23 06:02 9/11/23 13:10 P23-10700-08 8 Lead ND ug/L 1 2 00 0.900 15.0 SM 3113 B 9/7/23 06:02 9/8/23 18:19 50.0 22.6 SM 3111 B 9/7/23 06:03 9/11/23 13:13 P23-10700-09 1300 9 Copper ND ug/L 1 SM 3113 B P23-10700-09 Lead ND ug/L 1 2.00 0.900 15.0 9/7/23 06:03 9/8/23 18:23 SM 3111 B P23-10700-10 10 ND ug/L 1 50.0 22.6 1300 9/7/23 06:04 9/11/23 13:14 Copper 23-10700-10 10 ead 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:04 ug/L P23-10700-11 11 Copper 27.6 ug/L 50.0 22.6 1300 SM 3111 B 9/7/23 06:05 9/11/23 13:15 P23-10700-11 11 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:05 9/8/23 18:32 9/7/23 06:09 P23-10700-12 12 Copper ND ug/L 1 50.0 22.6 1300 SM 3111 B 9/11/23 13:16 P23-10700-12 12 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:09 9/8/23 18:36 13 50.0 22.6 1300 P23-10700-13 364 ug/L 1 SM 3111 B 9/7/23 06:10 9/11/23 13:17 Coppe P23-10700-13 13 .ead 7.66 ug/L 2.00 0.900 15.0 SM 3113 B 9/7/23 06:10 9/8/23 18:40 P23-10700-14 14 Coppe ND ug/L 1 50.0 22.6 1300 SM 3111 B 9/7/23 06:14 9/11/23 13:23 P23-10700-14 14 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:14 9/8/23 18:52 50.0 1300 SM 3111 B 9/7/23 06:15 9/11/23 13:24 P23-10700-15 15 Copper 71.9 ug/L 1 22.6 15 ND 0.900 SM 3113 B 9/7/23 06:15 9/8/23 18:56 P23-10700-15 1 2.00 15.0 Lead ug/L P23-10700-16 16 ND 50.0 22.6 1300 SM 3111 B 9/7/23 06:17 9/11/23 13:25 Coppe ug/L P23-10700-16 16 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:17 9/8/23 19:00 P23-10700-17 1300 SM 3111 B 9/7/23 06:18 9/11/23 13:26 17 Coppe 89.7 ug/L 1 50.0 22.6 P23-10700-17 17 Lead ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:18 9/8/23 19:04 P23-10700-18 50.0 22.6 1300 SM 3111 B 9/7/23 06:21 9/11/23 13:27 18 36.5 ug/L Copper 1 18 ND 0.900 SM 3113 B 9/8/23 19:08 P23-10700-18 2.00 15.0 9/7/23 06:21 Lead ug/L P23-10700-19 19 54.2 ug/L 50.0 22.6 1300 SM 3111 B 9/7/23 06:22 9/11/23 13:28 Coppe P23-10700-19 19 ND ug/L 1 2.00 0.900 15.0 SM 3113 B 9/7/23 06:22 9/8/23 19:12 P23-10700-20 50.0 SM 3111 B 9/7/23 06:25 9/11/23 13:29

22.6

0.900

22.6

0.900

22.6

0.900

2.00

1300

15.0

1300

15.0

1300

15.0

SM 3113 B

SM 3111 B

SM 3113 B

SM 3111 B

SM 3113 B

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken

ND

ND

27.6

ND

27.6

ND

ug/L 1

ug/L 1 2.00

ug/L 1 50.0

ug/L 1

ug/L 1 50.0

ug/L 1 2.00

POL = Practical Quantitation Limit MDL = Minimum Detection Limit MCL = Maximum Contaminant Level DF = Dilution Factor ND = Analyzed for but not detected J = Estimated result

P23-10700-20

P23-10700-21

P23-10700-21

P23-10700-22

P23-10700-22

* Federal Action Level

20

20

21

21

22

22

Copper

Coppe

Copper

Lead

.ead

Lead

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

9/7/23 06:25

9/7/23 06:26

9/7/23 06:26

9/7/23 06:30

9/7/23 06:30

9/8/23 19:16

9/11/23 13:32

9/8/23 19:20

9/11/23 13:33

9/8/23 19:24

ellison



PRECISION ANALYTICAL SERVICES, INC.

CHAIN OF **CUSTODY**

2161 WH/TEBVILLE ROAD TOMB RIVER, NJ 00755 PHONE 732-914-1515 FAX 732-914-1616

Customer:	Brilliant Environmental Services, LLC
Address:	534 Whitesville Road
	Jackson, NJ 08527
Phone:	732-818-3380

School Name: Union City Learning Center (4473B.19) School Address 510 35th Street, Union city Sampled By: Print Name: Zach Smith RESULTS TO: babcock@brilliantenvironmental.com

			15						
Sample ID Location	Date: Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Fifter Present	# Con- tainers	Glass or Plastic	Analyı	LAB ID
Ì	9/7/23	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10200-01
2	0553	DW	Grab			1	250 ml Plastic	Pb/Cu	P13 16750=62
3	0554	DW	Grab			1	250 ml Plastic	Pb/Cu	725-10700-03
4	0557	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10700-04
5	0558	DW	Grab			1	250 ml Plastic	Pb/Cu	P13-10700 05
\mathcal{G}	0559	DW	Grab			1	250 ml Plastic	Pb/Cu	P23-10700-06
7	0600	DW	Grab			1	250 ml Plastic	Pb/Cu	PL3 10700 01
8	0609	DW	Grab			1	250 ml Plastic	Pb/Cu	P23-10700-08
9	0603	DW	Grab			1	250 ml Plastic	Pb/Cu	P23-10700-09
10	0604	DW	Grab			1	250 ml Płastic	Pb/Cu	P23-10-700-18
11	0605	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10700-11
17	0609	DW	Grab			1	250 ml Plastic	Pb/Cu	P23-10-700-12
13	0610	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10700-13
14	0614	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10700-14
15	0615	DW	Grab			1	250 ml Plastic		723-10700 15

SAMPLES RECEIVED PRESERVED W/ HNO3

PDF PDF PDF Date/Time Preserved with Reduc Full EDD Std. Page | of 2 Deliverables: Х

GW = Ground Water, WW = Waste Water, SW = Surface Water, MATRIX DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, CODES: B = Blank, K = Solid (specify) :

PRESER 0 = Ice 1 = HCI VATIVE 2 = H2SO4 3 = NaOH
CODES: 4 = HNO3 5 = Other

	Print Name:	Signature:	Company	Date + Time
Relinquished:	Zach Smith	Tim Sount	SES.	47123 1255
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PRECISION ANALYTICAL SERVICES, INC.

2161 WHITESVILLE ROAD TOWS RIVER, NJ 00755 PHONE 732-914-1515 FAX 732-914-1616

OF CUSTODY

		School Name: Union City Learning Center (44738.19)
Customer:	Brilliant Environmental Services, LLC	School Address 510 35th St. Union City No
Address:	534 Whitesville Road	Sampled By: Zwl
	Jackson, NJ 08527	Print Name: Zach Smth
Phone:	732-818-3380	RESULTS TO: babcock@brilliantenvironmental.com

Sample ID Location	Date: Time Sampled	Matrix Code	Grab or Comp	Fluih Sample	Fifter Present	# Con- tainers	Glass or Plastic	Analys	LAB ID
16	9/1/23	DW	Grab			1	250 ml Plastic	Pb/Cu	P13-10700-16
17	0618	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10760-17
18	0621	DW	Grab			1	250 ml Plastic	Pb/Cu	723 12 700 18
19	0622	DW	Grab			1	250 ml Plastic	Pb/Cu	P13-10700 19
20	0625	DW	Grab			1	250 ml Plastic	Pb/Cu	723-10700-20
71	0626	DW	Grab			1	250 ml Plastic	Pb/Cu	P23 10700-21
27	0630	DW	Grab			1	250 ml Plastic	Pb/Cu	P23-10700-22
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	
		DW	Grab			1	250 ml Plastic	Pb/Cu	

SAMPLES RECEIVED PRESERVED W/ HNO3		PDF	PDF	PDF		-mess/file
		Std.	Reduc	Full	EDD	threatens to
Page 2 of 2	Deliverables:	Х				wittly streets

GW = Ground Water, WW = Waste Water, SW = Surface Water,

DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge,

B = Blank, K = Solid (specify):

PRESER 0 = Ice 1 = HCI

VATIVE 2 = H2SO4 3 = NaOH

CODES: 4 = HNO3 5 = Other

	Print Name:	Signature:	S-mprey	Date + Time
Relinquished:	Zach, Snith	Zon (Sril	BES	9/7/23 1255
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Relinquished:		1811.11	1000	
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