

Dear Douglass Developmental Disabilities Center Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Douglass Developmental Disabilities Center (DDDC) tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, DDDC will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]).

### Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for both of the DDDC buildings. Through this effort, we identified and tested all drinking water and food preparation outlets.

The tables below identifies the results of the water testing:

## **Lead Water Sampling Results**

Douglass Developmental Disabilities Center One  
25 Gibbons Circle, New Brunswick, NJ 08901

<b>Field ID</b>	<b>Location</b>	<b>Fixture</b>	<b>Results (ppb)</b>	<b>MCL (ppb)</b>
DDDC1-WC-009B	Room #009B	Water Cooler	ND	15
DDDC1-S-122	Room #122	Sink	ND	15
DDDC1-WC-122	Room #122	Water Cooler	ND	15
DDDC1-S-121	Room #121	Sink	ND	15
DDDC1-S-123	Room #123	Sink	ND	15
DDDC1-S-120	Room #120	Sink	5.14	15
DDDC1-S-103	Room #103	Sink	3.45	15
DDDC1-S-108	Room #108	Sink	ND	15
DDDC1-WC-110	Room #110	Water Cooler	ND	15
DDDC1-S-138	Room #138	Sink	ND	15

ND = analyzed for but Not Detected

ppb = parts per billion

MCL = Maximum Contaminant Level

Douglass Developmental Disabilities Center Two  
151 Ryders Lane, New Brunswick, NJ 08901

Field ID	Location	Fixture	Results (ppb)	MCL (ppb)
DDDC2-S-143	Room #143	Sink	ND	15
DDDC2-S-126	Room #126	Sink	ND	15
DDDC2-NS-162	Room #162	Sink	ND	15
DDDC2-WC-162	Room #162	Water Cooler	ND	15
DDDC2-S-160	Room #160	Sink	ND	15
DDDC2-WC-101	Room #101	Water Cooler	ND	15
DDDC2-S-105	Room #105	Sink	ND	15

ND = analyzed for but Not Detected

ppb = parts per billion

MCL = Maximum Contaminant Level

### Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

### How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs 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 containing lead 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 fairly high levels of lead.

**CERTIFICATE OF ANALYSIS**

**Customer :** Rutgers University  
74 Street 1603, Building 4116, Livingston Campus  
Piscataway, NJ 08854

**Project ID :** Douglass Development Disabilities Center 1, 25 Gibbons Circle, New Brunswick, NJ  
**PAS Project ID :** P21-08839

**Matrix :** Drinking Water  
**Report Date :** 8/23/2021

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P21-08839-01	DDDC1-FB	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:42	8/16/21 11:22
P21-08839-02	DDDC1-WC-009B	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:44	8/16/21 11:26
P21-08839-03	DDDC1-S-122	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:47	8/16/21 11:50
P21-08839-04	DDDC1-WC-122	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:48	8/16/21 11:54
P21-08839-05	DDDC1-S-121	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:49	8/16/21 11:58
P21-08839-06	DDDC1-S-123	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:50	8/16/21 12:02
P21-08839-07	DDDC1-S-120	Lead	5.14	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:52	8/16/21 12:06
P21-08839-08	DDDC1-S-103	Lead	3.45	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:54	8/16/21 12:10
P21-08839-09	DDDC1-S-108	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:56	8/16/21 12:14
P21-08839-10	DDDC1-WC-110	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:57	8/16/21 12:18
P21-08839-11	DDDC1-S-138	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 06:59	8/16/21 12:31

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

Mark D. Feitelson, Lab. Director



## CERTIFICATE OF ANALYSIS

**Customer :** Rutgers University  
74 Street 1603, Building 4116, Livingston Campus  
Piscataway, NJ 08854

**Project ID :** Douglass Development Disabilities Center 2, 151 Ryders Lane, New Brunswick, NJ  
**PAS Project ID :** P21-08840

**Matrix :** Drinking Water  
**Report Date :** 8/23/2021

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P21-08840-01	DDDC2-FB	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:04	8/16/21 12:35
P21-08840-02	DDDC2-S-143	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:06	8/16/21 12:39
P21-08840-03	DDDC2-S-126	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:08	8/16/21 12:43
P21-08840-04	DDDC2-NS-162	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:09	8/16/21 12:47
P21-08840-05	DDDC2-WC-162	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:10	8/16/21 12:51
P21-08840-06	DDDC2-S-160	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:11	8/16/21 12:55
P21-08840-07	DDDC2-WC-101	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:13	8/16/21 12:59
P21-08840-08	DDDC2-S-105	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	8/12/21 07:14	8/16/21 13:03

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