

C.O.C.: -

REPORT No: 24-026211 - Rev. 0

**Report To:**

Greater Essex County District School Board  
 280 Eugenie St. E  
 Windsor, ON N8X 2X8

**CADUCEON Environmental Laboratories**

5-3201 Marentette Ave  
 Windsor, ON N8X 4G3

**Attention: Rachel Bondy**

DATE RECEIVED: 2024-Aug-26  
 DATE REPORTED: 2024-Aug-28  
 SAMPLE MATRIX: Drinking Water

CUSTOMER PROJECT: Beacon Heights  
 P.O. NUMBER:  
 WATERWORKS NO: 500486448

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
ICP/MS (Liquid)	44	OTTAWA	TPRICE	2024-Aug-27	D-ICPMS-01	EPA 200.8

R.L. = Reporting Limit

NC = Not Calculated

Test methods may be modified from specified reference method unless indicated by an \*

Client I.D.	Sample I.D.	Date Collected	Parameter
			Lead
			Units
			mg/L
			R.L.
			0.00002
			Limits
			0.010
			DWG
			MAC
			-
F15-S	24-026211-1	2024-Aug-20	0.00237
F13-S	24-026211-2	2024-Aug-20	0.00028
T8-S	24-026211-3	2024-Aug-20	0.00007
B5-S	24-026211-4	2024-Aug-20	0.00017
F15-F	24-026211-5	2024-Aug-20	0.00031
F13-F	24-026211-6	2024-Aug-20	0.00022
T8-F	24-026211-7	2024-Aug-20	0.00041
B5-F	24-026211-8	2024-Aug-20	0.00021
B15-S	24-026211-9	2024-Aug-19	0.00019
B13-S	24-026211-10	2024-Aug-19	0.00005



**Lorina Merko**  
 Laboratory Manager

**CADUCEON Environmental Laboratories Certificate of Analysis**

Final Report  
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Client I.D.	Sample I.D.	Date Collected	Parameter
			Lead
			Units
			R.L.
			Limits
DWG			
			-
T10-S	24-026211-11	2024-Aug-19	0.00026
T7-S	24-026211-12	2024-Aug-19	0.00003
B4-S	24-026211-13	2024-Aug-19	0.00015
B15-F	24-026211-14	2024-Aug-19	0.00043
B13-F	24-026211-15	2024-Aug-19	0.00018
T10-F	24-026211-16	2024-Aug-19	0.00011
T7-F	24-026211-17	2024-Aug-19	0.00011
B4-F	24-026211-18	2024-Aug-19	0.00009
F14-S	24-026211-19	2024-Aug-22	0.00003
F11-S	24-026211-20	2024-Aug-22	0.00019
F5-S	24-026211-21	2024-Aug-22	0.00042
T9-S	24-026211-22	2024-Aug-22	<b>0.0491</b>
F14-F	24-026211-23	2024-Aug-22	0.00469
F11-F	24-026211-24	2024-Aug-22	0.00020
F5-F	24-026211-25	2024-Aug-22	0.00038
T9-F	24-026211-26	2024-Aug-22	0.00023
B14-S	24-026211-27	2024-Aug-21	0.00006
B11-S	24-026211-28	2024-Aug-21	0.00028
T6-S	24-026211-29	2024-Aug-21	0.00007
T2-S	24-026211-30	2024-Aug-21	0.00006
F4-S	24-026211-31	2024-Aug-21	0.00027

  
**Lorina Merko**  
**Laboratory Manager**

The analytical results reported herein refer to the samples as received and relate only to the items tested. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.


Client I.D.	Sample I.D.	Date Collected	Parameter
			Lead
			Units
			mg/L
			R.L.
0.00002			
Limits			
0.010			
DWG			
MAC			
			-
B14-F	24-026211-32	2024-Aug-21	0.00870
B11-F	24-026211-33	2024-Aug-21	0.00022
T6-F	24-026211-34	2024-Aug-21	0.00021
T2-F	24-026211-35	2024-Aug-21	0.0527
F4-F	24-026211-36	2024-Aug-21	0.00022
T1-S	24-026211-37	2024-Aug-23	0.00027
T12-S	24-026211-38	2024-Aug-23	0.00188
B3-S	24-026211-39	2024-Aug-23	0.00003
F3-S	24-026211-40	2024-Aug-23	0.00004
T1-F	24-026211-41	2024-Aug-23	0.00243
T12-F	24-026211-42	2024-Aug-23	0.00064
B3-F	24-026211-43	2024-Aug-23	0.00006
F3-F	24-026211-44	2024-Aug-23	0.00026

Lead Exceedance report:  
 Results indicate adverse water quality:  
 Sample #22 T9 = 49.7um/L  
 Sample #35 T2 = 52.7ug/L

- DWG - Drinking Water Guidelines**  
 ODWS - Ontario Drinking Water Standards  
 AO - Aesthetic Objectives  
 IMAC - Interim Maximum Acceptable Concentration  
 MAC - Maximum Acceptable Concentration  
 ODWO - D-5-5 Objective  
 OG - Operational Guidelines  
 WL - Warning Level - Sodium Restricted Diets

  
 Lorina Merko  
 Laboratory Manager

Summary of Exceedances		
Maximum Acceptable Concentration		
T9-S	Found Value	Limit
Lead	0.0491	0.010
T2-F	Found Value	Limit
Lead	0.0527	0.010



Lorina Merko  
 Laboratory Manager