



Analytical Results

Sub-Matrix: Water					Client sample ID	Darcy	----	----	----	----
(Matrix: Water)					Client sampling date / time	25-Feb-2021 12:40	----	----	----	----
Analyte	CAS Number	Method	LOR	Unit	VA21A3652-001	-----	-----	-----	-----	
					Result	----	----	----	----	
Physical Tests										
alkalinity, total (as CaCO3)	----	E290	1.0	mg/L	112	----	----	----	----	
colour, true	----	E329	5.0	CU	<5.0	----	----	----	----	
conductivity	----	E100	2.0	µS/cm	245	----	----	----	----	
pH	----	E108	0.10	pH units	8.19	----	----	----	----	
solids, total dissolved [TDS]	----	E162	10	mg/L	145	----	----	----	----	
turbidity	----	E121	0.10	NTU	<0.10	----	----	----	----	
hardness (as CaCO3), from total Ca/Mg	----	EC100A	0.60	mg/L	119	----	----	----	----	
Anions and Nutrients										
chloride	16887-00-6	E235.Cl	0.50	mg/L	3.68	----	----	----	----	
fluoride	16984-48-8	E235.F	0.020	mg/L	0.092	----	----	----	----	
nitrate (as N)	14797-55-8	E235.NO3-L	0.0050	mg/L	0.116	----	----	----	----	
nitrite (as N)	14797-65-0	E235.NO2-L	0.0010	mg/L	<0.0010	----	----	----	----	
sulfate (as SO4)	14808-79-8	E235.SO4	0.30	mg/L	15.3	----	----	----	----	
Total Metals										
aluminum, total	7429-90-5	E420	0.0100	mg/L	<0.0100	----	----	----	----	
antimony, total	7440-36-0	E420	0.00050	mg/L	<0.00050	----	----	----	----	
arsenic, total	7440-38-2	E420	0.00010	mg/L	0.00137	----	----	----	----	
barium, total	7440-39-3	E420	0.0200	mg/L	0.0379	----	----	----	----	
boron, total	7440-42-8	E420	0.100	mg/L	<0.100	----	----	----	----	
cadmium, total	7440-43-9	E420	0.000200	mg/L	<0.000200	----	----	----	----	
calcium, total	7440-70-2	E420	0.100	mg/L	32.6	----	----	----	----	
chromium, total	7440-47-3	E420	0.00200	mg/L	<0.00200	----	----	----	----	
copper, total	7440-50-8	E420	0.00100	mg/L	0.0109	----	----	----	----	
iron, total	7439-89-6	E420	0.030	mg/L	<0.030	----	----	----	----	
lead, total	7439-92-1	E420	0.000500	mg/L	<0.000500	----	----	----	----	
magnesium, total	7439-95-4	E420	0.100	mg/L	9.13	----	----	----	----	
manganese, total	7439-96-5	E420	0.00200	mg/L	<0.00200	----	----	----	----	
mercury, total	7439-97-6	E508	0.0000050	mg/L	<0.0000050	----	----	----	----	
potassium, total	7440-09-7	E420	0.100	mg/L	1.48	----	----	----	----	
selenium, total	7782-49-2	E420	0.00100	mg/L	<0.00100	----	----	----	----	



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<i>Analyte</i>	<i>CAS Number</i>	<i>Method</i>	<i>LOR</i>	<i>Unit</i>	VA21A3652-001	-----	-----	-----	-----	-----
					Result	---	---	---	---	---
Total Metals										
sodium, total	17341-25-2	E420	2.00	mg/L	3.96	----	----	----	----	----
uranium, total	7440-61-1	E420	0.000100	mg/L	0.000261	----	----	----	----	----
zinc, total	7440-66-6	E420	0.0500	mg/L	<0.0500	----	----	----	----	----

Please refer to the General Comments section for an explanation of any qualifiers detected.