



Analytical Results

Sub-Matrix: Water					Client sample ID	GB #1	GB #2	GB #3	---	---
(Matrix: Water)					Client sampling date / time	08-Apr-2021 12:39	08-Apr-2021 12:41	08-Apr-2021 12:45	---	---
Analyte	CAS Number	Method	LOR	Unit	VA21A6713-001	VA21A6713-002	VA21A6713-003	-----	-----	
					Result	Result	Result	---	---	
Physical Tests										
alkalinity, total (as CaCO3)	---	E290	1.0	mg/L	185	---	---	---	---	---
colour, true	---	E329	5.0	CU	<5.0	---	---	---	---	---
conductivity	---	E100	2.0	µS/cm	488	---	---	---	---	---
pH	---	E108	0.10	pH units	8.30	---	---	---	---	---
solids, total dissolved [TDS]	---	E162	10	mg/L	304	---	---	---	---	---
turbidity	---	E121	0.10	NTU	<0.10	---	---	---	---	---
Anions and Nutrients										
chloride	16887-00-6	E235.Cl	0.50	mg/L	12.2	---	---	---	---	---
fluoride	16984-48-8	E235.F	0.020	mg/L	0.091	---	---	---	---	---
nitrate (as N)	14797-55-8	E235.NO3-L	0.0050	mg/L	0.151	---	---	---	---	---
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	59.6	---	---	---	---	---
Total Metals										
aluminum, total	7429-90-5	E420	0.0030	mg/L	---	---	<0.0030	---	---	---
antimony, total	7440-36-0	E420	0.00010	mg/L	---	---	0.00011	---	---	---
arsenic, total	7440-38-2	E420	0.00010	mg/L	---	---	0.00309	---	---	---
barium, total	7440-39-3	E420	0.00010	mg/L	---	---	0.0184	---	---	---
beryllium, total	7440-41-7	E420	0.000020	mg/L	---	---	<0.000020	---	---	---
bismuth, total	7440-69-9	E420	0.000050	mg/L	---	---	<0.000050	---	---	---
boron, total	7440-42-8	E420	0.010	mg/L	---	---	0.268	---	---	---
cadmium, total	7440-43-9	E420	0.0000050	mg/L	---	---	0.0000066	---	---	---
calcium, total	7440-70-2	E420	0.050	mg/L	---	---	45.5	---	---	---
cesium, total	7440-46-2	E420	0.000010	mg/L	---	---	<0.000010	---	---	---
chromium, total	7440-47-3	E420	0.00050	mg/L	---	---	0.00483	---	---	---
cobalt, total	7440-48-4	E420	0.00010	mg/L	---	---	<0.00010	---	---	---
copper, total	7440-50-8	E420	0.00050	mg/L	---	---	0.00393	---	---	---
iron, total	7439-89-6	E420	0.010	mg/L	---	---	<0.010	---	---	---
lead, total	7439-92-1	E420	0.000050	mg/L	---	---	0.000842	---	---	---
lithium, total	7439-93-2	E420	0.0010	mg/L	---	---	0.0065	---	---	---
magnesium, total	7439-95-4	E420	0.0050	mg/L	---	---	28.5	---	---	---



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Analyte	CAS Number	Method	LOR	Unit	VA21A6713-001	VA21A6713-002	VA21A6713-003	-----	-----	
					Result	Result	Result	---	---	
Total Metals										
manganese, total	7439-96-5	E420	0.00010	mg/L	----	----	<0.00010	----	----	----
mercury, total	7439-97-6	E508	0.0000050	mg/L	----	<0.0000050	----	----	----	----
molybdenum, total	7439-98-7	E420	0.000050	mg/L	----	----	0.00430	----	----	----
nickel, total	7440-02-0	E420	0.00050	mg/L	----	----	0.00205	----	----	----
phosphorus, total	7723-14-0	E420	0.050	mg/L	----	----	<0.050	----	----	----
potassium, total	7440-09-7	E420	0.050	mg/L	----	----	3.90	----	----	----
rubidium, total	7440-17-7	E420	0.00020	mg/L	----	----	0.00052	----	----	----
selenium, total	7782-49-2	E420	0.000050	mg/L	----	----	0.00177	----	----	----
silicon, total	7440-21-3	E420	0.10	mg/L	----	----	9.14	----	----	----
silver, total	7440-22-4	E420	0.000010	mg/L	----	----	<0.000010	----	----	----
sodium, total	17341-25-2	E420	0.050	mg/L	----	----	6.48	----	----	----
strontium, total	7440-24-6	E420	0.00020	mg/L	----	----	0.190	----	----	----
sulfur, total	7704-34-9	E420	0.50	mg/L	----	----	19.7	----	----	----
tellurium, total	13494-80-9	E420	0.00020	mg/L	----	----	<0.00020	----	----	----
thallium, total	7440-28-0	E420	0.000010	mg/L	----	----	<0.000010	----	----	----
thorium, total	7440-29-1	E420	0.00010	mg/L	----	----	<0.00010	----	----	----
tin, total	7440-31-5	E420	0.00010	mg/L	----	----	<0.00010	----	----	----
titanium, total	7440-32-6	E420	0.00030	mg/L	----	----	<0.00030	----	----	----
tungsten, total	7440-33-7	E420	0.00010	mg/L	----	----	<0.00010	----	----	----
uranium, total	7440-61-1	E420	0.000010	mg/L	----	----	0.000112	----	----	----
vanadium, total	7440-62-2	E420	0.00050	mg/L	----	----	0.00067	----	----	----
zinc, total	7440-66-6	E420	0.0030	mg/L	----	----	0.0154	----	----	----
zirconium, total	7440-67-7	E420	0.00020	mg/L	----	----	<0.00020	----	----	----

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