Mun. of Qikiqtarjuaq 2015Wastewater Testing

2015

Client Sample I.D.		Waste Water - Start	Waste Water - Middle	Waste Water - End
Lab Sample I.D.		B15-26245-1	B15-26245-2	B15-26245-3
Date Collected		28-Sep-15	28-Sep-15	28-Sep-15
Date Received		7-Oct-15	7-Oct-15	7-Oct-15
Date Reported		14-Oct-15	14-Oct-15	14-Oct-15
Parameters	MDL			
BOD	3	18	35	22
Total Suspended Solids	3	19	15	17
Hardness (as CaCO3)	1	27	28	27
Alkalinity(CaCO3) to pH4.5	5	125	123	123
Conductivity @25°C	1	429	419	416
pH @25°C		7.26	7.23	7.24
Nitrite (N)	0.1	< 0.1	< 0.1	< 0.1
Nitrate (N)	0.1	0.7	0.3	0.2
Chloride	0.5	35	33.6	33.3
Sulphate	1	11	11	11
Total Organic Carbon	0.2	24.5	24	27.1
Ammonia (N)-Total	0.01	24.8	25.3	24.6
Phenolics	0.001	< 0.001	< 0.001	< 0.001
Aluminum (total)	0.01	0.18	0.21	0.22
Arsenic	0.0005	0.001	0.0008	0.0007
Calcium	0.02	7.25	7.15	7.1
Cadmium	0.005	< 0.005	< 0.005	< 0.005
Cobalt	0.005	< 0.005	< 0.005	< 0.005
Copper	0.002	0.048	0.053	0.054
Chromium	0.002	< 0.002	< 0.002	< 0.002
Iron (Total)	0.005	0.386	0.431	0.441
Lead	0.02	< 0.02	< 0.02	< 0.02
Magnesium	0.01	2.1	2.35	2.29
Manganese (Total)	0.001	0.019	0.021	0.021
Mercury	0.00002	< 0.00002	< 0.00002	< 0.00002
Nickel	0.01	< 0.01	< 0.01	< 0.01
Potassium	0.1	10.1	11.4	11.5
Sodium	0.2	29.6	33.2	33.8
Zinc	0.005	0.038	0.043	0.05
Oil & Grease-Total	1	1.2	1.3	1.2
Fecal Coliform	1	3300	3200	3600

Note: Fecal Coliform Sample beyond holding time unable to run.

Qik 6 Decan 1 - Beginning	Qik 7	Qik 6 Decan 2 - End	Seeping Waste Water	QK6	
B16-29144-1	B16-29144-2	B16-29144-3	B17-06276-1	B17-28012-1	
26-Sep-16	26-Sep-16	26-Sep-16	07-Mar-17	19-Sep-17	
28-Sep-16	28-Sep-16	28-Sep-16	14-Mar-17	21-Sep-17	
5-Oct-16	5-Oct-16	5-Oct-16	28-Mar-17	2-Oct-17	
123	< 3	100	179	80	
60	< 3	60	38	112	
36	27	39	105	43	
255	< 5	251	600	208	
700	164	715	1610	624	
7.57	5.82	7.61	8.00	7.80	
< 0.1	< 0.1	< 0.1	< 1	< 0.1	
0.1	3.9	0.1	< 1	0.1	
48.8	20.4	48.8	140	29	
2	22	2	1030	3	
69.6	3.9	76.4	124	51.2	
56.6	< 0.01	50.9	94.3	57	
0.452	< 0.001	0.444	0.86	0.393	
0.5	0.14	0.41	0.06	0.51	
0.0008	< 0.0005	0.0009	0.0055	0.0008	
8.25	5.49	9.6	15.0	10.6	
< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
0.125	< 0.002	0.121	0.004	0.11	
< 0.002	< 0.002	< 0.002	< 0.002	0.002	
1.22	0.02	1.04	18.7	1.05	
< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
3.69	3.14	3.63	16.5	3.97	
0.059	0.006	0.051	1.49	0.063	
0.00006	< 0.00002	0.00005	< 0.00002	, 0.00002	
< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
18.7	0.3	17.7	30.9	16	
49.7	18.1	48.9	155	36.9	
0.083	< 0.005	0.08	0.01	0.132	
16.2	< 1.0	14.5	2.3	17	
3000	0	10000	*	220000	