

Pangnirtung Wastewater Treatment Facility

Client Sample I.D.			Effluent	Effluent	Final Effluent-UV	Before UV	Effluent	Effluent	Effluent	Effluent	Effluent			
Lab Sample I.D.			B15-12534-6	B15-17104-3	B15-19420-3	B15-19418-3	B15-27078-3	B16-05733-3	B16-24903-3	B16-28148-3	B16-35944-3			
Date Collected			27-May-15	06-Jul-15	23-Jul-15	31-Jul-15	14-Oct-15	17-Feb-16	17-Aug-16	14-Sep-16	29-Nov-16			
Date Received			1-Jun-15	9-Jul-15	31-Jul-15	31-Jul-15	15-Oct-15	23-Mar-16	22-Aug-16	20-Sep-16	1-Dec-16			
Date Reported			10-Jun-15	23-Jul-15	17-Aug-15	17-Aug-15	29-Oct-15	23-Mar-16	9-Sep-16	4-Oct-16	13-Dec-16	Average	Range	Units
	Units	MDL												
BOD	mg/L	3	< 3	< 3	6	3	< 3	< 3	< 3	< 3	< 3	< 3	<3 - 6	mg/L
TSS	mg/L	3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	3	< 3	< 3	<3	mg/L
Turbidity	NTU	0.1	0.3	0.3	0.3	0.9	0.4	0.4	0.4	0.8	1.6	0.60	0.3 - 0.9	NTU
pH @25°C	pH Units		7.17	7.11	7.55	7.64	7.63	8.07	8.23	7.94	5.85	7.47	5.85 - 8.23	pH Units
Nitrite (N)	mg/L	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	<0.1	mg/L
Nitrate (N)	mg/L	0.1	35.9	32.7	29.5	29.3	27	39.3	31.4	36.4	40.3	33.53	27 - 40.3	mg/L
COD	mg/L	5	64	42	39	64	85	40	37	34	31	48.44	31 - 85	mg/L
TKN	mg/L	0.05	2.42	2.06	1.96	1.86	3.54	1.75	1.61	1.76	1.84	2.09	1.61 - 3.54	mg/L
Ammonia (N)-Total	mg/L	0.01	0.01	0.01	0.01	0.01	0.73	0.02	0.01	0.01	0.03	0.09	0.01 - 0.73	mg/L
o-Phosphate (P)	mg/L	0.01	11.4	12.4	9.61	11.6	14.9	10.1	10.7	10.9	12.8	11.60	9.61 - 12.8	mg/L
Phosphorus-Total	mg/L	0.01		13.9	13.4	14.1	15.2	8.91	11.4	11.2	13.5	12.70	8.91 - 15.2	mg/L
Oil & Grease-Total	mg/L	1	< 1.0	30	< 1.0	1.1	< 1.0	< 1.0	1.1	< 1.0	< 1.0		<1.0 - 30	mg/L
Total Coliform	cfu/100mL	1	<10	20	<10	<10	<10	< 10	< 10	10	1100		<10 - 1100	cfu/100mL
E coli	cfu/100mL	1	<10	<10	<10	<10	<2	< 10	< 10	< 10	10		<2 - 10	cfu/100mL
Fecal Coliform	cfu/100mL	1	<10	<10	<10	<10	<2	< 10	< 10	< 10	40		<2 - 40	cfu/100mL
Fecal Strep.	cfu/100mL	1	<10	<10	<10	<10	< 2	< 10	< 10	< 10	20		<2 - 20	cfu/100mL