

Hamlet of Grise Ford Wastewater Testing

Client Sample I.D.	Sewer Discharge - Top	Sewer Discharge - Middle	Sewer Discharge - Bottom	Waster Water	Lagoon Discharge	Lagoon Shore	Lagoon Halfway Down	Waste Water
Lab Sample I.D.	B15-21656-1	B15-21656-2	B15-21656-3	B15-21660-1	B16-25398-1	B16-25398-2	B16-25398-3	B17-27117-1
Date Collected	20-Aug-15	20-Aug-15	20-Aug-15	20-Aug-15	11-Aug-16	11-Aug-16	11-Aug-16	05-Sep-17
Date Received	24-Aug-15	24-Aug-15	24-Aug-15	24-Aug-15	25-Aug-16	25-Aug-16	25-Aug-16	14-Sep-17
Date Reported	3-Sep-15	3-Sep-15	3-Sep-15	31-Aug-15	31-Aug-16	31-Aug-16	31-Aug-16	20-Sep-17
Parameters	MDL	MDL	MDL	MDL	MDL	MDL	MDL	MDL
BOD	3	125	90	146	86	74	20	38
Total Suspended Solids	3	112	84	60	152	80	16	84
Hardness (as CaCO3)	1	80	90	113	192	81	127	147
Alkalinity (CaCO3) to pH4.5	5	197	184	174	116	197	216	376
Conductivity @25°C	1	581	551	512	1530	534	386	1020
pH @25°C	7.41	7.29	7.3	7.3	9.43	7.62	7.64	7.81
Nitrite (N)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Nitrate (N)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chloride	0.1	41	38.3	36	392	35.6	18.1	32.2
Sulphate	0.5	4	11	12	77	< 1	7	16
Total Organic Carbon	1	51.1	52.1	38.4	15.9	39.6	16.6	53.7
Ammonia (N)-Total	0.2	29.1	26.1	18.1	0.45	28.8	9.75	61.4
Phenolics	0.01	0.011	0.003	< 0.001	< 0.001	0.001	< 0.001	< 0.001
Aluminum (total)	0.01	0.15	0.16	0.12	0.14	0.2	0.16	0.23
Arsenic	0.0005	0.0009	0.0009	0.001	0.0057	0.0005	< 0.0005	0.0008
Calcium	0.02	22.9	26.4	33.3	42.8	23.1	37.2	43.6
Cadmium	0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cobalt	0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.005
Copper	0.002	0.039	0.037	0.027	0.006	0.038	0.017	0.022
Chromium	0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Iron (Total)	0.005	0.738	0.683	0.489	0.39	0.795	0.452	0.605
Lead	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Magnesium	0.01	5.47	5.88	7.22	20.6	5.68	8.35	9.33
Manganese (Total)	0.001	0.051	0.043	0.021	0.022	0.049	0.021	0.082
Mercury	0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00002	< 0.00002	< 0.00002
Nickel	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01
Potassium	0.1	16.3	15.5	12.7	18	16.3	5.8	24.2
Sodium	0.2	40.6	40.2	35	147	45.5	21.2	63.6
Zinc	0.005	0.065	0.065	0.069	0.026	0.045	0.022	0.058
Oil & Grease-Total	1	8.2	5	4.6	2.3	3.9	3.4	2.1
Fecal Coliform	1	5800	4100	730	<10	6000	190	26000

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