

GROUND WATER QUALITY, WELL # 5 - UPSTREAM OF LANDFILL: 2013-2015							
Parameter	Units	Base Line	Semester 1 2014	Semester 2 2014	Quarter 1 2015	Semester 1 2015	Semester 2 2015
		16/07/2013	11/01/2014	05/09/2014	20/02/2015	26/06/2015	12/01/2016
Total Coliforms	MPN/100m	2.40E+02	4.60E+02	1.10E+03	< 3	9.30E+02	4.00E+01
Fecal Coliforms	MPN/100m	<3	9.30E+01	1.10E+03	< 3	9.30E+02	<30
pH		6.79	7.20	7.04	7.06	6.55	7.27
Temperature	°C	28.20	27.50	29.30	26.50	28.00	27.00
Conductivity	µS/cm	4,446.67	3,876.67	4,360.00	4,580.00	4,720.00	397.60
Chloride	mg/L	678.72	502.27	459.54	743.47	660.58	494.23
Total Hardness	mg/L	2,300.30	1,742.49	2,394.43	2,630.29	2,394.89	1,771.21
Color *	Pt-Co	<5.0	< 5	<5	< 5.0	<10	<10
<b>Dissolved Oxygen *</b>	mg/L	0.20	3.30	0.00	0.00	0.00	0.70
<b>Biochemical Oxygen Demand</b>	mg/L	34.89	17.63	8.65	7.62	2.20	<2.12
<b>Chemical Oxygen Demand</b>	mg/L	53.00	44.97	30.01	< 8.00	18.24	93.79
Total Suspended Solids	mg/L	10.00	60.51	17.98	14.06	13.94	14.06
Total Dissolved Solids	mg/L	4,108.41	3,504.20	4,169.99	4,082.14	4,096.56	3,234.58
<b>Nitrates</b>	mg/L	<0.1	< 0.10	0.09	< 0.1	<0.1	0.15
Fats and Oils	mg/L	<3.98	< 3.98	<3.98	< 3.98	<3.98	7.99
Arsenic	mg/L	ND	N.D.	<0.0010	< 0.0010	<0.0010	<0.0010
Cadmium	mg/L	ND	N.D.	<0.020	< 0.050	<0.020	<0.020
Copper	mg/L		0.00730				
Hexavalent Chromium	mg/L	ND	N.D.	<0.05	< 0.05	<0.05	<0.1
Phenol	mg/L	0.00700	0.01230	<0.01	< 0.01	<0.01	0.01200
Iron	mg/L	0.09980	0.67240	0.44200	0.28600	0.16100	0.25600
Mercury	mg/L	0.00010	0.00010	<0.0005	< 0.0005	<0.0005	<0.0005
Lead	mg/L	ND	N.D.	<0.100	< 0.100	<0.100	<0.100
Sodium	mg/L		202.80000	225.75000	198.80500	230.35000	167.73000
Manganese	mg/L			<0.050	< 0.050	0.06200	<0.05
Boron	mg/L	1.18900		<0.1	< 0.1		0.69000