

GROUND WATER QUALITY, WELL # 2 - DOWN STREAM 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	3.00E+00	< 3	2.40E+03	< 3	≥24000	<30
Fecal Coliforms	MPN/100m	<3	< 3	2.40E+03	< 3	2.10E+03	<30.
pH		6.84	5.86	5.81	6.33	5.66	5.03
Temperature	°C	29.30	27.80	28.50	25.50	27.50	27.00
Conductivity	µS/cm	220.77	982.00	874.33	1,068.00	998.00	128.17
Chloride	mg/L	8.08	16.81	16.93	22.25	20.87	27.07
Total Hardness	mg/L	41.81	493.55	456.52	591.63	589.71	709.61
Color *	Pt-Co	<5.0	0.00	<5.0	< 5.0	<10	<10
Dissolved Oxygen *	mg/L	3.63	3.80	3.82	6.92	5.23	4.02
Biochemical Oxygen Demand	mg/L	10.24	< 2.12	3.93	< 2.12	<2.12	<2.12
Chemical Oxygen Demand	mg/L	29.00	< 8.00	24.34	16.20	<8.00	29.02
Total Suspended Solids	mg/L	9.00	< 6.00	<6.00	< 6.00	7.96	<10
Total Dissolved Solids	mg/L	156.02	853.17	785.06	943.96	903.94	1,196.02
Nitrates	mg/L	0.10	0.11	0.12	0.10	<0.1	0.99
Fats and Oils	mg/L	<3.98	< 3.98	<3.98	< 3.98	<3.98	11.42
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		0.00340				
Hexavalent Chromium	mg/L	ND	N.D.	<0.05	< 0.05	<0.05	<0.1
Phenol	mg/L	0.00770	0.01200	<0.01	< 0.01	<0.01	<0.01
Iron	mg/L	1.13000	0.30170	0.18800	0.31600	<0.100	0.23000
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		22.00000	18.35000	19.29700	26.97000	23.05000
Manganese	mg/L			0.27300	0.20300	0.12100	0.28100
Boron	mg/L	0.02120		<0.1	< 0.1		0.73000