

Erskine Park Landfill EPL4865

Link to Environment Protection Licence (Insert 4865 in search menu):

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31385&SYSUID=1&LICID=4865>

September 2012 Ground Water Results

Date for testing: 21 September 2012

Date results received: 7 January 2013

Quarterly Test Round

Monitor Well ID:	<i>Physical Parameters</i>					
	Temp (°C)	DO mg/L	pH	ORP (mV)	Conductivity (ms/cm)	TDS g/L
BH15A	18.86	0.45	6.93	130	11.13	7.1
BH15B	19.27	0.26	6.80	116	16.6	10.6
BH16A	19.90	0.14	7.14	65	13.37	8.6
BH16B	20.36	0.21	6.74	102	6.99	4.4
BH17D	20.17	0.06	7.77	-53	7.67	4.9
BH17E	20.06	0.18	7.22	77	2.16	1.4
BH18	19.19	0.18	6.87	139	10.66	6.8
BH19	19.64	0.17	6.83	137	11.46	7.3
BH20	17.77	0.24	7.04	95	7.6	4.9
BH21	20.48	1.00	7.13	116	12.49	7.9
BH22	20.50	1.19	6.95	134	10.47	6.7
BH23	20.84	1.13	6.48	181	21.1	13.5
BH24	26.32	0.16	6.73	165	3.02	1.9

All units in mg/l unless otherwise stated

Sample ID	Sampling			Cations				Anions		Alkalinity by PC Titrator			
	TDS	TOC	Ammonia	Calcium	Magnesium	Sodium	Potassium	Chloride	Sulphate	Alkalinity (as CaCO ₃)	Hydroxide (as CaCO ₃)	Carbonate (as CaCO ₃)	Bicarbonate (as CaCO ₃)
LOR	1	1	0.01	1	1	1	1	0.5	0.5	1	1	1	1
BH15A	6140	<1	6.04	193	78	2090	46	3300	<1	1130	<1	<1	1130
BH15B	9290	13	7.49	412	181	2790	76	5180	6	1080	<1	<1	1080
BH16A	7460	<1	6.30	208	97	2460	50	4320	<1	580	<1	<1	580
BH16B	5720	6	3.83	343	108	1370	46	3040	<1	457	<1	<1	457
BH17D	4440	31	7.64	113	67	1320	69	1880	<1	823	<1	<1	823
BH17E	1230	1	1.63	57	71	330	12	147	20	961	<1	<1	961
BH18	5770	<1	5.08	169	144	1820	44	3190	<1	953	<1	<1	953
BH19	6230	3	4.69	165	138	1960	39	3490	<1	837	<1	<1	837
BH20	4040	2	3.07	79	148	1260	28	1680	<1	1010	<1	<1	1010
BH21	7300	18	5.03	264	178	2020	50	3960	<1	770	<1	<1	770
BH22	5740	21	5.16	143	69	1950	31	3230	<1	814	<1	<1	814
BH23	14100	<1	3	556	1120	1810	42	7250	35	693	<1	<1	693
BH24	1700	27	0.09	176	143	243	4	419	32	1050	<1	<1	1050

TRANSPACIFIC
ENVIROGUARD -
LOCATION OF
MONITORING SITES
JUNE 2011

