

**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>

**December 2012 Ground Water Results**

Date for testing: 13 December 2012

Date results received: 30 April 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	19.21	0.37	6.67	120	11.05	7.1
BH15B	19.41	0.27	6.51	123	16.5	10.5
BH16A	21.17	0.20	6.74	79	13.25	8.5
BH16B	20.42	0.26	6.48	78	12.79	8.1
BH17D	20.69	0.20	11.17	-167	4.83	3.1
BH17E	20.79	0.19	6.93	50	2.1	1.3
BH18	23.36	1.45	6.68	288	10.44	6.7
BH19	20.27	0.15	6.64	13	3.93	2.5
BH20	20.72	0.21	6.63	76	7.56	4.8
BH21	21.24	1.13	7.03	189	12.45	8
BH22	21.23	0.90	6.78	119	10.62	6.8
BH23	21.37	1.06	6.23	192	20.6	13.2
BH24	27.07	0.37	6.40	146	2.99	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 <sub>3</sub> )	Hydroxide (as CaCO <sub>3</sub> )	Carbonate (as CaCO <sub>3</sub> )	Bicarbonate (as CaCO <sub>3</sub> )
LOR	1	1	0.01	1	1	1	1	0.5	0.5	1	1	1	1
BH15A	5140	1	6.74	204	75	2030	48	3130	<1	1010	<1	<1	1010
BH15B	9280	<1	8.00	353	168	2730	73	4870	<1	983	<1	<1	983
BH16A	7860	1	7.54	190	95	2430	53	4090	<1	546	<1	<1	546
BH16B	6470	4	6.04	420	152	1950	64	3870	<1	470	<1	<1	470
BH17D	2420	52	20.60	<1	1	920	121	997	87	464	<1	395	68
BH17E	1240	1	1.72	58	79	328	14	135	34	897	<1	54	843
BH18	5940	<1	4.36	151	141	1850	49	3010	<1	894	<1	<1	894
BH19	1180	7	0.70	25	36	409	8	491	54	299	<1	<1	299
BH20	5000	2	3.50	72	148	1280	30	1660	<1	957	<1	<1	957
BH21	7260	22	5.51	234	190	2090	57	3780	<1	669	<1	<1	669
BH22	5840	18	5.45	131	68	2000	36	3010	<1	777	<1	<1	777
BH23	14600	32	2.86	519	1190	1900	45	6700	38	667	<1	<1	667
BH24	1720	29	0.16	171	150	252	5	399	25	986	<1	<1	986