

Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32538&SYSUID=1&LICID=4865>

June 2013 Leachate Results

Date for testing: 9 July 2013

Date results received: 5 December 2013

Quarterly Test Round

Sample Location ID:	<i>Physical Parameters</i>								
	Date	SWL (m)	RL (m AHD)	Corrected SWL (m AHD)	Temp (°C)	DO mg/L	pH	ORP (mN)	Conductivity (ms/cm)
Investigation Criteria				< 30 m AHD					
Leachate Riser LP001	9/07/2013	39.828	73.50	33.672	37.50	2.13	7.45	-7.00	6.75
Auxillary Riser	9/07/2013	-	66.00	NA	NA	NA	NA	NA	NA

Sample ID	Leachate Analytical Suite															
	pH	Electrical Conductivity	Total Suspended Solids (TSS)	Total Dissolved Solids (TDS)	Total Organic Carbon (TOC)	Chemical Oxygen Demand (COD)	BOD ₅	Sodium	Potassium	Calcium	Magnesium	Alkalinity as CaCO ₃	Chloride	Sulphate	Fluoride	Iron (total)
LOR	0.01	1	5	5	1	5	2	1	1	1	1	1	1	1	0.1	0.05
LP001	7.74	10300	16	5940	498	1450	34	1980	218	56	127	3690	1420	<10	0.5	1.61

Sample ID	Date sampled	Leachate Analytical Suite										
		Chromium VI (total)	Chromium (total)	Lead (total)	Manganese (total)	Nitrate	Nitrite	Total Nitrogen	Ammonia as N	TKN	ortho-Phosphate	Total Phenols
LOR		0.01	0.001	0.001	0.001	0.01	0.01	0.1	0.01	0.1	0.05	0.05
LP001	9/07/2013	<0.010	0.044	0.004	NA	<0.01	<0.01	414	293	414	0.29	<0.05

