

Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

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

September 2013 Leachate Results

Date for testing: 24 September 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	24/09/2013	38.700	73.50	34.8	37.40	2.70	7.38	-81.00	11.21
Auxillary Riser	24/09/2013	17.324	66.00	48.7	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)	Chromium VI (total)	Chromium (total)	Lead (total)
LOR	0.01	1	5	5	1	5	2	1	1	1	1	1	1	1	0.1	0.05	0.01	0.001	0.001
LP001	8.14	10600	19	6130	440	1550	17	1580	159	55	112	4080	1200	7	0.6	1.45	<0.010	0.043	0.007

Sample ID	Leachate Analytical Suite							
	Manganese (total)	Nitrate	Nitrite	Total Nitrogen	Ammonia as N	TKN	ortho-Phosphate	Total Phenols
LOR	0.001	0.01	0.01	0.1	0.01	0.1	0.05	0.05
LP001	NA	<0.1	<0.1	407	354	407	0.4	<0.05