



Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

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

June 2014 Quarterly Leachate Results

Date for testing: 25 June 2014

Date results received: 1 February 2015

Quarterly Test Round

Sample Location ID:	Physical Parameters								
	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	25/06/2014	38.405	84.264	45.859	38.30	0.88	7.09	-361.00	5.30
bold	Exceeds adopted site assessment criteria level (Section O5.6 of EPL 4865)								

All units in mg/l unless otherwise stated

Sample ID	Date sampled	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
LOR		0.01	1	5	5	1	5	2	1	1	1	1	1	1	1	0.1
LP001	25/06/2014	7.88	3280	181	1640	72	682	12	389	34	99	105	1060	391	106	0.4

All units in mg/l unless otherwise stated

Sample ID	Date sampled	Leachate Analytical Suite											
		Iron (total)	Chromium VI (total)	Chromium (total)	Lead (total)	Manganese (total)	Nitrate	Nitrite	Total Nitrogen	Ammonia as N	TKN	ortho-Phosphate	Total Phenols
LOR		0.05	0.01	0.001	0.001	0.001	0.01	0.01	0.1	0.01	0.1	0.05	0.05
LP001	25/06/2014	2.61	<0.01	0.009	0.015	NA	0.06	<0.01	76.9	53.4	76.8	0.52	<0.05