

Concentration Monitoring Summary
Jindabyne Regional Waste Management Facility 6013 Kosciuszko Road Jindabyne NSW
EPA Licence 20060

Data Last Updated on **Tuesday, 18 September 2018**

Monitoring Location 1		Units	No. of samples required by licence	No. of samples collected and analysed	Date Data was Obtained			Units of Measure		
Leachate Dam Primary GPS Coordinates -36.43736 148.62392					23/03/2015			Lowest	Mean	Highest
		EPA Analysis	Alkalinity (as calcium carbonate)	mg/L	1	1	288			288
Ammonia	mg/L		1	1	3.2			3.2	3.2	3.2
Calcium	mg/L		1	1	73.5			73.5	73.5	73.5
Chloride	mg/L		1	1	1190			1190	1190	1190
Fluoride	mg/L		1	1	1.3			1.3	1.3	1.3
Iron	mg/L		1	1	5.75			5.75	5.75	5.75
Magnesium	mg/L		1	1	98.9			98.9	98.9	98.9
Manganese	mg/L		1	1	623			623	623	623
Nitrate	mg/L		1	1	<0.05					
pH	pH		1	1	7.77			7.77	7.77	7.77
Potassium	mg/L		1	1	165			165	165	165
Sodium	mg/L		1	1	741			741	741	741
Sulfate	mg/L		1	1	632			632	632	632
Total organic carbon	mg/L		1	1	146			146	146	146
Total Phenolics	mg/L		1	1	<0.05					
Zinc	mg/L		1	1	40			40	40	40
Aluminium (total)	mg/L		1	1	5.77			5.77	5.77	5.77
Arsenic	µg/L		1	1	22			22	22	22
Barium	µg/L		1	1	225			225	225	225
Benzene	µg/L		1	1	<1					
Cadmium	µg/L		1	1	0.09			0.09	0.09	0.09
Chromium (hexavalent)	mg/L		1	1	<0.01					
Chromium (total)	mg/L		1	1	15			15	15	15
Cobalt	µg/L		1	1	10.7			10.7	10.7	10.7
Copper	µg/L		1	1	18			18	18	18
Ethyl benzene	µg/L		1	1	<2					
Lead	µg/L		1	1	3.4			3.4	3.4	3.4
Mercury	µg/L		1	1	0.2			0.2	0.2	0.2
Nitrite	mg/L		1	1	0.04			0.04	0.04	0.04
Nitrogen (ammonia)	mg/L		1	1	25.8			25.8	25.8	25.8
Organochlorine pesticides	µg/L		1	1	<2.0					
Organophosphate pesticides	µg/L		1	1	<2.0					
Polycyclic aromatic hydrocarbons	µg/L		1	1	<1.0					
Toluene	µg/L	1	1	<2						
Total dissolved solids (TDS)	mg/L	1	1	3580			3580	3580	3580	
Total petroleum hydrocarbons	µg/L	1	1	1060			1060	1060	1060	
Xylene	µg/L	1	1	<2						

* Indicates that the monitoring location was dry