

**TABLE 1: BLAYNEY WASTE DISPOSAL DEPOT - RESULTS OF LABORATORY ANALYSIS  
DECEMBER 2017**



				Sample ID	SW1
				Sample Date	5/12/2017
Group	Analyte	LOR	Units	Criteria	PS
Physical Parameters	pH (Lab)	0	No unit	6.5 - 8.5	7.2
	Electrical Conductivity (Lab)	2	µS/cm	4478	1700
	Biochemical Oxygen Demand (BOD5)	5	mg/L	-	< 5
	Total Suspended Solids	5	mg/L	30	100
Alkalinity	Total Alkalinity as CaCO3	5	mg/L	350	64
Anions	Chloride	1	mg/L	350	580
	Fluoride	0.1	mg/L	1	0.13
	Sulfate (SO4)	1	mg/L	-	26
Cations	Calcium (Ca)	0.2	mg/L	1000	66
	Magnesium (Mg)	0.1	mg/L	-	92
	Potassium (K)	0.1	mg/L	-	8.4
	Sodium (Na)	0.5	mg/L	230	140
Forms of Carbon	Total Organic Carbon	0.2	mg/L	-	17
Nutrients	Ammonia (NH3) as N	0.01	mg/L	-	0.19
	Nitrate (NO3) as N	0.005	mg/L	-	0.18
Trace Metals	Iron (Fe)	5	µg/L	200	770
	Manganese (Mn)	1	µg/L	200	630
Phenolics	Total Phenols	0.01	mg/L	-	< 0.01

mg/L milligrams per litre

µg/L micrograms per litre

LOR limit of reporting

PS primary sample

Criteria Criteria adopted from *Australian and New Zealand Environment and Conservation Council (ANZECC) Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) Australian and New Zealand Guidelines for Fresh and Marine Water Quality* - and/or

*NSW EPA Environment Protection Licence 6180 'Limit Conditions - L2.4 Water and/or Land*

within criteria

criteria exceeded