

EPL 20949, Version date 14-Sept-2021		Sample Date	15/01/2024	15/01/2024	15/01/2024	15/01/2024
		Sample ID	Point 3	Point 4	Point 5	Point 2
		Type of Monitoring/ Discharge Point	Groundwater Diversion Under Premises	Storm Water Diversion Discharge Point A	Storm Water Diversion Discharge Point B	Leachate Characterisation
		Location Description	Southern Edge of Premises - west point	Southern Edge of Premises - west point	Southern Edge of Premises - east point	Leachate Pond
		Limit according to Licence for Point 3,4,5-100% percentile concentration limit	Quarterly Grab Samples			
	Unit					
	Ammonia (mg/L)	0.9	<0.05	Site Dry	Site Dry	0.41
	Oil and Grease (mg/L)	10	<2	Site Dry	Site Dry	<2
	pH Value (pH)	6.5-8.5	6.02	Site Dry	Site Dry	8.67
	Total suspended solids (mg/L)	50	9	Site Dry	Site Dry	142
	Alkalinity (mg/L)	-	-	-	-	934
	Calcium (mg/L)	-	-	-	-	92
	Chloride (mg/L)	-	-	-	-	926
	Electrical Conductivity (uS/cm)	-	-	-	-	5120
	Fluoride (mg/L)	-	-	-	-	0.1
	Iron (mg/L)	-	-	-	-	1.45
	Magnesium (mg/L)	-	-	-	-	74
	Manganese (mg/L)	-	-	-	-	0.359
	Nitrate (mg/L)	-	-	-	-	6.7
	Nitrogen (total) (mg/L)	-	-	-	-	41.3
	Oxidised nitrogen (NOx) (mg/L)	-	-	-	-	6.8
	Polycyclic aromatic hydrocarbons (ug/L)	-	-	-	-	<0.5
	Potassium (mg/L)	-	-	-	-	935
	Sodium (mg/L)	-	-	-	-	377
	Sulfate (mg/L)	-	-	-	-	223
	Total organic carbon (mg/L)	-	-	-	-	288.0
	Total petroleum hydrocarbons (ug/L)	-	-	-	-	290
	Total phenols (mg/L)	-	-	-	-	23.20

Notes: Reference Work Order - WN2400565_0_COA, report received on 23/01/2024.

* C10-C36 Fraction (sum)

Link to EPA Public register: <https://www.epa.nsw.gov.au/licensing-and-regulation/public-registers>