

	<i>Sample Description</i>		Leachate Sump GL1 (EPA Point 9)
	<i>Sample Date</i>		6/03/2025
	<i>Sample ID</i>		250503/1
Test Description	Method No.	Units	<i>Water</i>
pH @ 25°C (Field)	APHA 4500 H+B	pH Value	7.3
Dissolved Oxygen (Field)	In-house LDO	mg/L	1.5
Conductivity(Field) @25°C	APHA 2510 B	mS/cm	6.9
# Redox Potential (Field)	# In-House 2580	mV	115.8
Temperature (Field)	APHA 2550 B	°C	27
Alkalinity to pH 4.5 as CaCO <sub>3</sub>	*	mg/L	2,060
Cyanide	*	mg/L	<0.004
Chloride	*	mg/L	900
Sulphate as SO <sub>4</sub> 2-	*	mg/L	<10
Calcium	*	mg/L	161
Magnesium	*	mg/L	144
Sodium	*	mg/L	602
Potassium	*	mg/L	283
Nitrite as N	*	mg/L	<0.10
Nitrate as N	*	mg/L	<0.10
Nitrite + Nitrate as N	*	mg/L	<0.10
Ammonia as N	*	mg/L	214
Total Nitrogen as N	In-House 73	mg/L	284.7
Total Kjeldahl Nitrogen as N	In-House 73 (TN - NOx)	mg/L	284.7
Total Arsenic	*	mg/L	0.023
Total Iron	*	mg/L	3.16
Total Manganese	*	mg/L	0.642
Total Zinc	*	mg/L	0.018
Total Cadmium	*	mg/L	<0.0001
Total Chromium	*	mg/L	0.016
Total Copper	*	mg/L	0.001
Total Lead	*	mg/L	<0.001
Total Nickel	*	mg/L	0.044
Total Mercury	*	mg/L	<0.0001
Benzene	*	ug/L	<1
Ethylbenzene	*	ug/L	<2

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Toluene	*	ug/L	<2
ortho-Xylene	*	ug/L	<2
meta- & para-Xylene	*	ug/L	<2
Naphthalene	*	ug/L	2
Acenaphthylene	*	ug/L	<1
Acenaphthene	*	ug/L	<1
Fluorene	*	ug/L	<1
Phenanthrene	*	ug/L	<1
Anthracene	*	ug/L	<1
Fluoranthene	*	ug/L	<1
Pyrene	*	ug/L	<1
Benz(a)anthracene	*	ug/L	<1
Chrysene	*	ug/L	<1
Benzo(b+j)fluoranthene	*	ug/L	<1
Benzo(k)fluoranthene	*	ug/L	<1
Benzo(a)pyrene	*	ug/L	<1
Indeno(1.2.3.cd)pyrene	*	ug/L	<1
Dibenz(a.h)anthracene	*	ug/L	<1
Benzo(g.h.i)perylene	*	ug/L	<1
Sum of polycyclic aromatic hyd	*	ug/L	2
Benzo(a)pyrene TEQ (zero)	*	ug/L	<1