

	Sample Description		GW1 (EPA Point 6)	GW2 (EPA Point 7)	GW3 (EPA Point 12)
	Sample Date		6/03/2025	6/03/2025	6/03/2025
	Sample ID		250502/1	250502/2	250502/3
Test Description	Method No.	Units	Ground waters	Ground waters	Ground waters
# Bore Total Depth	#	m	62.8	12.6	22.1
# Bore Depth to Water	#	m	6.8	4.2	5.5
pH @ 25°C (Field)	APHA 4500 H+B	pH Value	7.2	6.7	7.1
Dissolved Oxygen (Field)	In-house LDO	mg/L	2.9	3.6	4.1
Conductivity(Field) @25°C	APHA 2510 B	mS/cm	1.6	0.91	2.4
# Redox Potential (Field)	# In-House 2580	mV	58.5	74.2	149.6
Temperature (Field)	APHA 2550 B	°C	18	18	18
Alkalinity to pH 4.5 as CaCO ₃	APHA 2320 B	mg/L	251	316	1,052
Total Organic Carbon	APHA 5310 B	mg/L	3	6	6
Dissolved Organic Carbon	APHA 5310 B	mg/L	2	6	6
Ammonia - Nitrogen	ASTM D6919	mg/L	<0.10	<0.10	<0.10
Chloride	ASTM D4327	mg/L	74	73	216
Sulphate	ASTM D4327	mg/L	61	30	24
Nitrite + Nitrate as N	ASTM D4327	mg/L	0.36	0.15	<0.10
Nitrite as N	ASTM D4327	mg/L	<0.10	<0.10	<0.10
Nitrate as N	ASTM D4327	mg/L	0.36	0.15	<0.10
Total Kjeldahl Nitrogen as N	In-House 73 (TN - NOx)	mg/L	0.2	0.3	0.4
Total Nitrogen as N	In-House 73	mg/L	0.6	0.4	0.4
Total Iron	*	mg/L	0.1	0.19	0.12
Total Manganese	*	mg/L	0.036	0.040	0.051
Total Zinc	*	mg/L	0.022	<0.005	<0.005
Naphthalene	*	ug/L	<1	<1	<1
Acenaphthylene	*	ug/L	<1	<1	<1
Acenaphthene	*	ug/L	<1	<1	<1
Fluorene	*	ug/L	<1	<1	<1
Phenanthrene	*	ug/L	<1	<1	<1
Anthracene	*	ug/L	<1	<1	<1
Fluoranthene	*	ug/L	<1	<1	<1
Pyrene	*	ug/L	<1	<1	<1
Benz(a)anthracene	*	ug/L	<1	<1	<1
Chrysene	*	ug/L	<1	<1	<1

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Benzo(b+j)fluoranthene	*	ug/L	<1	<1	<1
Benzo(k)fluoranthene	*	ug/L	<1	<1	<1
Benzo(a)pyrene	*	ug/L	<1	<1	<1
Indeno(1.2.3.cd)pyrene	*	ug/L	<1	<1	<1
Dibenz(a.h)anthracene	*	ug/L	<1	<1	<1
Benzo(g.h.i)perylene	*	ug/L	<1	<1	<1
Sum of polycyclic aromatic hyd	*	ug/L	<1	<1	<1
Benzo(a)pyrene TEQ (zero)	*	ug/L	<1	<1	<1