

Pollutant Monitoring Results Groundwater

Environmental Protection Licence Number:

5065

Licensee
Name:

Lucas Heights Resource
Recovery Park

Facility Address:

New Illawarra Rd Lucas
Heights, NSW 2234

A copy of the full licence can be found on the
PEOO Public Register
<http://www.epa.nsw.gov.au/prpoeapp/>

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Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB008 (EPA ID 4)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	20				4	1	N/A	N	20	20	20	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	20				4	1	N/A	N	20	20	20	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	5.5				4	1	N/A	N	5.5	5.5	5.5	
	Chloride	mg/L	Quarterly	61				4	1	N/A	N	61	61	61	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	9.3				4	1	N/A	N	9.3	9.3	9.3	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.98				4	1	N/A	N	0.98	0.98	0.98	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.25				4	1	N/A	N	5.25	5.25	5.25	
	Phosphorus	mg/L	Quarterly	0.1				4	1	N/A	N	<0.05	<0.05	<0.05	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	26				4	1	N/A	N	26	26	26	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	34				4	1	N/A	N	34	34	34	
	Standing Water Level	mBTC	Quarterly	13.85				4	1	N/A	N	13.85	13.85	13.85	
	Sulphate	mg/L	Quarterly	9				4	1	N/A	N	9	9	9	
	Temperature (field)	deg c	Quarterly	18.2				4	1	N/A	N	18.2	18.2	18.2	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	220				4	1	N/A	N	220	220	220	
	Total Organic Carbon	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB023 (EPA ID 44)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	80				4	1	N/A	N	80	80	80	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	80				4	1	N/A	N	80	80	80	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	15				4	1	N/A	N	15	15	15	
	Chloride	mg/L	Quarterly	1200				4	1	N/A	N	1200	1200	1200	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	84				4	1	N/A	N	84	84	84	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.02				4	1	N/A	N	0.02	0.02	0.02	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	0.13				4	1	1mg/L	N	0.13	0.13	0.13	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	pH (field)	pH units	Quarterly	5.36				4	1	N/A	N	5.36	5.36	5.36	
	Phosphorus	mg/L	Quarterly	0.99				4	1	N/A	N	0.99	0.99	0.99	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	21				4	1	N/A	N	21	21	21	
	Redox (field)	mV	Quarterly	12.6				4	1	N/A	N	12.6	12.6	12.6	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	730				4	1	N/A	N	730	730	730	
	Standing Water Level	mBTOC	Quarterly	5.19				4	1	N/A	N	5.19	5.19	5.19	
	Sulphate	mg/L	Quarterly	190				4	1	N/A	N	190	190	190	
	Temperature (field)	deg c	Quarterly	16.8				4	1	N/A	N	16.8	16.8	16.8	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	3700				4	1	N/A	N	3700	3700	3700	
	Total Organic Carbon	mg/L	Quarterly	7				4	1	N/A	N	7	7	7	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB032 (EPA ID 7)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	42				4	1	N/A	N	42	42	42	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	42				4	1	N/A	N	42	42	42	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	7.5				4	1	N/A	N	7.5	7.5	7.5	
	Chloride	mg/L	Quarterly	76				4	1	N/A	N	76	76	76	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.1				4	1	N/A	N	0.1	0.1	0.1	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.02				4	1	1mg/L	N	0.02	0.02	0.02	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.8				4	1	N/A	N	5.8	5.8	5.8	
	Phosphorus	mg/L	Quarterly	0.06				4	1	N/A	N	0.06	0.06	0.06	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Redox (field)	mV	Quarterly	11.2				4	1	N/A	N	11.2	11.2	11.2	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	43				4	1	N/A	N	43	43	43	
	Standing Water Level	mBTOC	Quarterly	10.13				4	1	N/A	N	10.13	10.13	10.13	
	Sulphate	mg/L	Quarterly	12				4	1	N/A	N	12	12	12	
	Temperature (field)	deg c	Quarterly	17				4	1	N/A	N	17	17	17	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	280				4	1	N/A	N	280	280	280	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB033 (EPA ID 18)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	38				4	1	N/A	N	38	38	38	MB033 was resampled on 21/2/2025 ¹
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	38				4	1	N/A	N	38	38	38	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	5.5				4	1	N/A	N	5.5	5.5	5.5	
	Chloride	mg/L	Quarterly	70				4	1	N/A	N	70	70	70	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.096				4	1	N/A	N	0.096	0.096	0.096	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	Y	0	0	#DIV/0!	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	

Sampling Point as per Licence	Pollutant	Unit of measure ²	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB034 (EPA ID 8)	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.82				4	1	N/A	N	5.82	5.82	5.82	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	4				4	1	N/A	N	4	4	4	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	41				4	1	N/A	N	41	41	41	
	Standing Water Level	mBTOC	Quarterly	2.77				4	1	N/A	N	2.77	2.77	2.77	
	Sulphate	mg/L	Quarterly	7				4	1	N/A	N	7	7	7	
	Temperature (field)	deg c	Quarterly	14.7				4	1	N/A	N	14.7	14.7	14.7	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	250				4	1	N/A	N	250	250	250	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Chloride	mg/L	Quarterly	70				4	1	N/A	N	70	70	70	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	7.1				4	1	N/A	N	7.1	7.1	7.1	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.083				4	1	N/A	N	0.083	0.083	0.083	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.01				4	1	1mg/L	N	0.01	0.01	0.01	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2		
PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2		
pH (field)	pH units	Quarterly	5.15				4	1	N/A	N	5.15	5.15	5.15		
Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	<0.05	<0.05	<0.05		
PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1		
Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1		
Redox (field)	mV	Quarterly	1.3				4	1	N/A	N	1.3	1.3	1.3		
Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Sodium (Na)	mg/L	Quarterly	40				4	1	N/A	N	40	40	40		
Standing Water Level	mBTOC	Quarterly	3.41				4	1	N/A	N	3.41	3.41	3.41		
Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10		
Temperature (field)	deg c	Quarterly	15.6				4	1	N/A	N	15.6	15.6	15.6		
Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Total Dissolved Solids	mg/L	Quarterly	230				4	1	N/A	N	230	230	230		
Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1		
TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10		
Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05		
Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2		
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!		
Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1		
Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!		
Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Calcium (II) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1		
Chloride	mg/L	Quarterly	69				4	1	N/A	N	69	69	69		
Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005		
Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1		
Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1		
Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Magnesium (II) Ion	mg/L	Quarterly	5.9				4	1	N/A	N	5.9	5.9	5.9		
Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05		
Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Nitrate as N in water	mg/L	Quarterly	0.098				4	1	N/A	N	0.098	0.098	0.098		
Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005		
Ammonia as N	mg/L	Quarterly	0.04				4	1	1mg/L	N	0.04	0.04	0.04		
OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2		

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	4.24				4	1	N/A	N	4.24	4.24	4.24	
	Phosphorus	mg/L	Quarterly	0.05				4	1	N/A	N	<0.05	<0.05	<0.05	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	16.6				4	1	N/A	N	16.6	16.6	16.6	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	39				4	1	N/A	N	39	39	39	
	Standing Water Level	mBTC	Quarterly	2.59				4	1	N/A	N	2.59	2.59	2.59	
	Sulphate	mg/L	Quarterly	11				4	1	N/A	N	11	11	11	
	Temperature (field)	deg c	Quarterly	15.6				4	1	N/A	N	15.6	15.6	15.6	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	230				4	1	N/A	N	230	230	230	
	Total Organic Carbon	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB038 (EPA ID 24)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	<5	<5	<5	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	<5	<5	<5	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	0.9				4	1	N/A	N	0.9	0.9	0.9	
	Chloride	mg/L	Quarterly	110				4	1	N/A	N	110	110	110	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.01				4	1	N/A	N	0.01	0.01	0.01	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	3.63				4	1	N/A	N	3.63	3.63	3.63	
	Phosphorus	mg/L	Quarterly	0.06				4	1	N/A	N	0.06	0.06	0.06	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	104				4	1	N/A	N	104	104	104	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	71				4	1	N/A	N	71	71	71	
	Standing Water Level	mBTC	Quarterly	23.48				4	1	N/A	N	23.48	23.48	23.48	
	Sulphate	mg/L	Quarterly	12				4	1	N/A	N	12	12	12	
	Temperature (field)	deg c	Quarterly	18				4	1	N/A	N	18	18	18	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	300				4	1	N/A	N	300	300	300	
	Total Organic Carbon	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB039 (EPA ID 25)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Bicarbonate Alkalinity	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Chloride	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Nitrite as N in water	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	NL				4	0	1mg/L	N	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB040 (EPA ID 26)	OCP	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Phosphorus	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Redox (field)	mV	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Standing Water Level	mBTOC	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Sulphate	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Temperature (field)	deg c	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	Total Organic Carbon	mg/L	Quarterly	NL				4	0	N/A	N	0	0	#DIV/0!	
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	19				4	1	N/A	N	19	19	19	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	19				4	1	N/A	N	19	19	19	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Chloride	mg/L	Quarterly	67				4	1	N/A	N	67	67	67	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	5.7				4	1	N/A	N	5.7	5.7	5.7	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.02				4	1	N/A	N	0.02	0.02	0.02	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.09				4	1	N/A	N	5.09	5.09	5.09	
	Phosphorus	mg/L	Quarterly	0.08				4	1	N/A	N	0.08	0.08	0.08	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	13.9				4	1	N/A	N	13.9	13.9	13.9	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	38				4	1	N/A	N	38	38	38	
	Standing Water Level	mBTOC	Quarterly	12.11				4	1	N/A	N	12.11	12.11	12.11	
	Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Temperature (field)	deg c	Quarterly	17.9				4	1	N/A	N	17.9	17.9	17.9	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	230				4	1	N/A	N	230	230	230	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB041 (EPA ID 33)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!	Dry
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Chloride	mg/L	Quarterly	130				4	1	N/A	N	130	130	130	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	16				4	1	N/A	N	16	16	16	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.73				4	1	N/A	N	0.73	0.73	0.73	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB042 (EPA ID 43)	Ammonia as N	mg/L	Quarterly	0.01				4	1	1mg/L	N	0.01	0.01	0.01	
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	3.79				4	1	N/A	N	3.79	3.79	3.79	
	Phosphorus	mg/L	Quarterly	0.2				4	1	N/A	N	0.2	0.2	0.2	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	177.2				4	1	N/A	N	177.2	177.2	177.2	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	76				4	1	N/A	N	76	76	76	
	Standing Water Level	mBTOC	Quarterly	7.44				4	1	N/A	N	7.44	7.44	7.44	
	Sulphate	mg/L	Quarterly	35				4	1	N/A	N	35	35	35	
	Temperature (field)	deg.c	Quarterly	17				4	1	N/A	N	17	17	17	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	450				4	1	N/A	N	450	450	450	
	Total Organic Carbon	mg/L	Quarterly	5				4	1	N/A	N	5	5	5	
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB044 (EPA ID 45)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	23				4	1	N/A	N	23	23	23	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	23				4	1	N/A	N	23	23	23	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	Chloride	mg/L	Quarterly	56				4	1	N/A	N	56	56	56	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	8.6				4	1	N/A	N	8.6	8.6	8.6	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.04				4	1	N/A	N	0.04	0.04	0.04	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.31				4	1	N/A	N	5.31	5.31	5.31	
	Phosphorus	mg/L	Quarterly	0.09				4	1	N/A	N	<0.05	<0.05	<0.05	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	38				4	1	N/A	N	38	38	38	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	32				4	1	N/A	N	32	32	32	
	Standing Water Level	mBTOC	Quarterly	18.88				4	1	N/A	N	18.88	18.88	18.88	
	Sulphate	mg/L	Quarterly	7				4	1	N/A	N	7	7	7	
	Temperature (field)	deg.c	Quarterly	18.1				4	1	N/A	N	18.1	18.1	18.1	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	210				4	1	N/A	N	210	210	210	
	Total Organic Carbon	mg/L	Quarterly	14				4	1	N/A	N	14	14	14	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	23				4	1	N/A	N	23	23	23	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	23				4	1	N/A	N	23	23	23	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Chloride	mg/L	Quarterly	56				4	1	N/A	N	56	56	56	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	8.6				4	1	N/A	N	8.6	8.6	8.6	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.02				4	1	N/A	N	0.02	0.02	0.02	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB045 (EPA ID 46)	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly					4	1	N/A	N	5.59	5.59	5.59	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	52				4	1	N/A	N	52	52	52	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	30				4	1	N/A	N	30	30	30	
	Standing Water Level	mBTOC	Quarterly	14.16				4	1	N/A	N	14.16	14.16	14.16	
	Sulphate	mg/L	Quarterly	7				4	1	N/A	N	7	7	7	
	Temperature (field)	deg c	Quarterly	18				4	1	N/A	N	18	18	18	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	200				4	1	N/A	N	200	200	200	
	Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	31				4	1	N/A	N	31	31	31	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
MB305 (EPA ID 16)	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	31				4	1	N/A	N	31	31	31	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	7.1				4	1	N/A	N	7.1	7.1	7.1	
	Chloride	mg/L	Quarterly	70				4	1	N/A	N	70	70	70	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	8.8				4	1	N/A	N	8.8	8.8	8.8	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.11				4	1	N/A	N	0.11	0.11	0.11	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.03				4	1	1mg/L	N	0.03	0.03	0.03	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.51				4	1	N/A	N	5.51	5.51	5.51	
	Phosphorus	mg/L	Quarterly	0.1				4	1	N/A	N	0.1	0.1	0.1	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	49.8				4	1	N/A	N	49.8	49.8	49.8	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	40				4	1	N/A	N	40	40	40	
	Standing Water Level	mBTOC	Quarterly	10.04				4	1	N/A	N	10.04	10.04	10.04	
	Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Temperature (field)	deg c	Quarterly	17.1				4	1	N/A	N	17.1	17.1	17.1	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	240				4	1	N/A	N	240	240	240	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	0	0	#DIV/0!	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Chloride	mg/L	Quarterly	79				4	1	N/A	N	79	79	79	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	7.2				4	1	N/A	N	7.2	7.2	7.2	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB306 [EPA ID 17]	Nitrate as N in water	mg/L	Quarterly	0.24				4	1	N/A	N	0.24	0.24	0.24	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	4.45				4	1	N/A	N	4.45	4.45	4.45	
	Phosphorus	mg/L	Quarterly	0.06				4	1	N/A	N	<0.05	<0.05	<0.05	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	0.9				4	1	N/A	N	0.9	0.9	0.9	
	Redox (field)	mV	Quarterly	55.9				4	1	N/A	N	55.9	55.9	55.9	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	44				4	1	N/A	N	44	44	44	
	Standing Water Level	mBTOC	Quarterly	5.79				4	1	N/A	N	5.79	5.79	5.79	
	Sulphate	mg/L	Quarterly	8				4	1	N/A	N	8	8	8	
	Temperature (field)	deg c	Quarterly	16.6				4	1	N/A	N	16.6	16.6	16.6	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	270				4	1	N/A	N	270	270	270	
	Total Organic Carbon	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	76				4	1	N/A	N	76	76	76	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	76				4	1	N/A	N	76	76	76	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	16				4	1	N/A	N	16	16	16	
	Chloride	mg/L	Quarterly	61				4	1	N/A	N	61	61	61	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	7				4	1	N/A	N	7	7	7	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
MB047 [EPA ID 48]	Nitrate as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	0.02				4	1	1mg/L	N	0.02	0.02	0.02	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.37				4	1	N/A	N	5.37	5.37	5.37	
	Phosphorus	mg/L	Quarterly	0.07				4	1	N/A	N	0.07	0.07	0.07	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Redox (field)	mV	Quarterly	14.8				4	1	N/A	N	14.8	14.8	14.8	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	40				4	1	N/A	N	40	40	40	
	Standing Water Level	mBTOC	Quarterly	31.06				4	1	N/A	N	31.06	31.06	31.06	
	Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Temperature (field)	deg c	Quarterly	17.6				4	1	N/A	N	17.6	17.6	17.6	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	240				4	1	N/A	N	240	240	240	
	Total Organic Carbon	mg/L	Quarterly	6				4	1	N/A	N	6	6	6	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	72				4	1	N/A	N	72	72	72	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	72				4	1	N/A	N	72	72	72	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	14				4	1	N/A	N	14	14	14	
	Chloride	mg/L	Quarterly	300				4	1	N/A	N	300	300	300	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	37				4	1	N/A	N	37	37	37	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB046 (EPA ID 47)	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.01				4	1	N/A	N	0.01	0.01	0.01	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	0.04				4	1	1mg/L	N	0.04	0.04	0.04	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.46				4	1	N/A	N	5.46	5.46	5.46	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	<0.05	<0.05	<0.05	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Redox (field)	mV	Quarterly	75				4	1	N/A	N	75	75	75	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	220				4	1	N/A	N	220	220	220	
	Standing Water Level	mBTOC	Quarterly	22.41				4	1	N/A	N	22.41	22.41	22.41	
	Sulphate	mg/L	Quarterly	27				4	1	N/A	N	27	27	27	
	Temperature (field)	deg c	Quarterly	17.6				4	1	N/A	N	17.6	17.6	17.6	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	950				4	1	N/A	N	950	950	950	
	Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	180				4	1	N/A	N	180	180	180	
MB048 (EPA ID 49)	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	180				4	1	N/A	N	180	180	180	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	47				4	1	N/A	N	47	47	47	
	Chloride	mg/L	Quarterly	99				4	1	N/A	N	99	99	99	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	6.6				4	1	N/A	N	6.6	6.6	6.6	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	1.2				4	1	N/A	N	1.2	1.2	1.2	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.02				4	1	1mg/L	N	0.02	0.02	0.02	
	OCF	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	5.71				4	1	N/A	N	5.71	5.71	5.71	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Redox (field)	mV	Quarterly	33.9				4	1	N/A	N	33.9	33.9	33.9	
	Selenium	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Sodium (Na)	mg/L	Quarterly	81				4	1	N/A	N	81	81	81	
	Standing Water Level	mBTOC	Quarterly	18.48				4	1	N/A	N	18.48	18.48	18.48	
	Sulphate	mg/L	Quarterly	13				4	1	N/A	N	13	13	13	
	Temperature (field)	deg c	Quarterly	18.4				4	1	N/A	N	18.4	18.4	18.4	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	470				4	1	N/A	N	470	470	470	
	Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	180				4	1	N/A	N	180	180	180	
	Aluminium	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Arsenic	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Bicarbonate Alkalinity	mg/L	Quarterly	180				4	1	N/A	N	180	180	180	
	Cadmium	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Calcium (II) Ion	mg/L	Quarterly	36				4	1	N/A	N	36	36	36	
	Chloride	mg/L	Quarterly	110				4	1	N/A	N	110	110	110	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	<0.005	<0.005	<0.005	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Magnesium (II) Ion	mg/L	Quarterly	12				4	1	N/A	N	12	12	12	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	3 4/09/2025	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB049 (EPA ID 50)	Mercury	µg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.32				4	1	N/A	N	0.32	0.32	0.32	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	<0.005	<0.005	<0.005	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	OPP	µg/L	Yearly					1	0	N/A	N	<0.2	<0.2	<0.2	
	PCBs	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	pH (field)	pH units	Quarterly	6.16				4	1	N/A	N	6.16	6.16	6.16	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	<0.1	<0.1	<0.1	
	Potassium (I) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
	Redox (field)	mV	Quarterly	34.9				4	1	N/A	N	34.9	34.9	34.9	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	<1	
	Sodium (Na)	mg/L	Quarterly	110				4	1	N/A	N	110	110	110	
	Standing Water Level	mBTOC	Quarterly	20.31				4	1	N/A	N	20.31	20.31	20.31	
	Sulphate	mg/L	Quarterly	19				4	1	N/A	N	19	19	19	
	Temperature (field)	deg c	Quarterly	18.6				4	1	N/A	N	18.6	18.6	18.6	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Toluene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Total Dissolved Solids	mg/L	Quarterly	490				4	1	N/A	N	490	490	490	
	Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	TPH	µg/L	Yearly					1	0	N/A	N	<10	<10	<10	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	<0.05	<0.05	<0.05	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	<1	<1	<1	
	Xylenes	µg/L	Yearly					1	0	N/A	N	<2	<2	<2	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
Date Monitoring Data Obtained															
Date Uploaded															

Comment:
 NL: Dry well observed. Insufficient groundwater available for sampling.
 ***: Monitoring date pending

¹ Please note that under condition M2.3 Water and/or Land Monitoring Requirements table the units of measure for all groundwater parameters excluding SWL, redox, temp, and pH are to be reported in "mg/L". This has been adjusted to "µg/L" to reflect the lab reports provided by Australian Laboratory Services.

² MB033 was resampled on 21/2/2025 due to anomolous result from 18/12/2024. Result received on 28/2/2025, uploaded on 11/3/2025.