



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 POEO Public Register <http://www.epa.nsw.gov.au/prpoeoapp/>

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Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	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	30				4	1	N/A	N	30	30	30	
	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	30				4	1	N/A	N	30	30	30	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	5				4	1	N/A	N	5	5	5	
	Chloride	mg/L	Quarterly	79				4	1	N/A	N	79	79	79	
	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	12				4	1	N/A	N	12	12	12	
	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	0.072				4	1	N/A	N	0.072	0.072	0.072	
	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	0.014				4	1	1mg/L	N	0.014	0.014	0.014	
	OCF	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	4.84				4	1	N/A	N	4.84	4.84	4.84	
	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	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	239				4	1	N/A	N	239	239	239	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	39				4	1	N/A	N	39	39	39	
	Standing Water Level	mBTC	Quarterly	14.02				4	1	N/A	N	14.02	14.02	14.02	
	Sulphate	mg/L	Quarterly	20				4	1	N/A	N	20	20	20	
	Temperature (field)	deg c	Quarterly	18				4	1	N/A	N	18	18	18	
	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	170				4	1	N/A	N	170	170	170	
	Total Organic Carbon	mg/L	Quarterly	130				4	1	N/A	N	130	130	130	
	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	82				4	1	N/A	N	82	82	82	
	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	82				4	1	N/A	N	82	82	82	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	18				4	1	N/A	N	18	18	18	
	Chloride	mg/L	Quarterly	1600				4	1	N/A	N	1600	1600	1600	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments	
MB023 (EPA ID 44)	Lead	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Magnesium (II) Ion	mg/L	Quarterly	95				4	1	N/A	N	95	95	95		
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.03				4	1	N/A	N	0.03	0.03	0.03		
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.1				4	1	1mg/L	N	0.1	0.1	0.1		
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	5.33				4	1	N/A	N	5.33	5.33	5.33		
	Phosphorus	mg/L	Quarterly	110				4	1	N/A	N	110	110	110		
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	24				4	1	N/A	N	24	24	24		
	Redox (field)	mV	Quarterly	224				4	1	N/A	N	224	224	224		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	1000				4	1	N/A	N	1000	1000	1000		
	Standing Water Level	mBTC	Quarterly	6.53				4	1	N/A	N	6.53	6.53	6.53		
	Sulphate	mg/L	Quarterly	270				4	1	N/A	N	270	270	270		
	Temperature (field)	deg c	Quarterly	17.2				4	1	N/A	N	17.2	17.2	17.2		
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	2700				4	1	N/A	N	2700	2700	2700		
	Total Organic Carbon	mg/L	Quarterly	40				4	1	N/A	N	40	40	40		
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
MB032 (EPA ID 32)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	40				4	1	N/A	N	40	40	40		
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Bicarbonate Alkalinity	mg/L	Quarterly	40				4	1	N/A	N	40	40	40		
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	6.2				4	1	N/A	N	6.2	6.2	6.2		
	Chloride	mg/L	Quarterly	94				4	1	N/A	N	94	94	94		
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	11				4	1	N/A	N	11	11	11		
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.006				4	1	1mg/L	N	0.006	0.006	0.006		
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	5.49				4	1	N/A	N	5.49	5.49	5.49		
	Phosphorus	mg/L	Quarterly	0.5				4	1	N/A	N	0.5	0.5	0.5		
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2		
	Redox (field)	mV	Quarterly	163				4	1	N/A	N	163	163	163		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	49				4	1	N/A	N	49	49	49		
	Standing Water Level	mBTC	Quarterly	11.46				4	1	N/A	N	11.46	11.46	11.46		
	Sulphate	mg/L	Quarterly	11				4	1	N/A	N	11	11	11		
	Temperature (field)	deg c	Quarterly	18.9				4	1	N/A	N	18.9	18.9	18.9		
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	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	2				4	1	N/A	N	2	2	2			
TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	50				4	1	N/A	N	50	50	50		
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments		
MB033 (EPA IA 18)	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	50				4	1	N/A	N	50	50	50			
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!			
	Calcium (II) Ion	mg/L	Quarterly	5.2				4	1	N/A	N	5.2	5.2	5.2			
	Chloride	mg/L	Quarterly	110				4	1	N/A	N	110	110	110			
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Magnesium (II) Ion	mg/L	Quarterly	11				4	1	N/A	N	11	11	11			
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Nitrate as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!		
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!		
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	0	#DIV/0!		
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	pH (field)	pH units	Quarterly	5.57				4	1	N/A	N	5.57	5.57	5.57			
	Phosphorus	mg/L	Quarterly	0.4				4	1	N/A	N	0.4	0.4	0.4			
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2			
	Redox (field)	mV	Quarterly	135				4	1	N/A	N	135	135	135			
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	48				4	1	N/A	N	48	48	48			
	Standing Water Level	mBTOC	Quarterly	4.32				4	1	N/A	N	4.32	4.32	4.32			
	Sulphate	mg/L	Quarterly	8				4	1	N/A	N	8	8	8			
	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	0	0	0	#DIV/0!		
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Total Dissolved Solids	mg/L	Quarterly	220				4	1	N/A	N	220	220	220			
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2			
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	MB034 (EPA ID 8)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	25				4	1	N/A	N	25	25	25		
		Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
		Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Barium		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Benzene		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Benzo(a)pyrene		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Bicarbonate Alkalinity		mg/L	Quarterly	25				4	1	N/A	N	25	25	25			
Cadmium		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Calcium (II) Ion		mg/L	Quarterly	2				4	1	N/A	N	2	2	2			
Chloride		mg/L	Quarterly	94				4	1	N/A	N	94	94	94			
Chromium (Hexavalent)		mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Chromium (Total)		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Cobalt		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Copper		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Ethylbenzene		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Fluoride		mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Lead		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Magnesium (II) Ion		mg/L	Quarterly	7.4				4	1	N/A	N	7.4	7.4	7.4			
Manganese		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Mercury		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Nickel		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Nitrate as N in water		mg/L	Quarterly	0.006				4	1	N/A	N	0.006	0.006	0.006			
Nitrite as N in water		mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!		
Ammonia as N		mg/L	Quarterly	0.007				4	1	1mg/L	N	0.007	0.007	0.007			
OCP		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
OPP		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
PCBs		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
pH (field)		pH units	Quarterly	5.12				4	1	N/A	N	5.12	5.12	5.12			
Phosphorus		mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	0	#DIV/0!		
PAH		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Potassium (I) Ion		mg/L	Quarterly	0.9				4	1	N/A	N	0.9	0.9	0.9			
Redox (field)		mV	Quarterly	181.7				4	1	N/A	N	181.7	181.7	181.7			
Selenium		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Sodium (Na)		mg/L	Quarterly	47				4	1	N/A	N	47	47	47			
Standing Water Level		mBTOC	Quarterly	4.06				4	1	N/A	N	4.06	4.06	4.06			
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	0	0	0	#DIV/0!		
Toluene		µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	Total Dissolved Solids	mg/L	Quarterly	220				4	1	N/A	N	220	220	220	
	Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	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!	
MB035 (EPA ID19)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	0	0	0	#DIV/0!
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	0	0	0	#DIV/0!
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Calcium (II) Ion	mg/L	Quarterly	0.8				4	1	N/A	N	0.8	0.8	0.8	
	Chloride	mg/L	Quarterly	89				4	1	N/A	N	89	89	89	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Magnesium (II) Ion	mg/L	Quarterly	6.1				4	1	N/A	N	6.1	6.1	6.1	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nitrate as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	0	#DIV/0!
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	pH (field)	pH units	Quarterly	4.09				4	1	N/A	N	4.09	4.09	4.09	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	0	#DIV/0!
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	243				4	1	N/A	N	243	243	243	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Sodium (Na)	mg/L	Quarterly	45				4	1	N/A	N	45	45	45	
	Standing Water Level	mBTOC	Quarterly	2.67				4	1	N/A	N	2.67	2.67	2.67	
	Sulphate	mg/L	Quarterly	17				4	1	N/A	N	17	17	17	
	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	0	0	0	#DIV/0!
	Toluene	µg/L	Yearly					1	0	N/A	N	0	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	0	0	0	#DIV/0!
Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
MB038 (EPA ID 24)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5				4	0	N/A	N	0	0	0	#DIV/0!
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Bicarbonate Alkalinity	mg/L	Quarterly	<5				4	0	N/A	N	0	0	0	#DIV/0!
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Calcium (II) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Chloride	mg/L	Quarterly	150				4	1	N/A	N	150	150	150	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Magnesium (II) Ion	mg/L	Quarterly	11				4	1	N/A	N	11	11	11	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nickel	µg/L	Yearly					1	0	N/A	N	0	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	0	0	#DIV/0!
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	0	#DIV/0!
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	pH (field)	pH units	Quarterly	3.74				4	1	N/A	N	3.74	3.74	3.74	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	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	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	304				4	1	N/A	N	304	304	304	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	74				4	1	N/A	N	74	74	74	
	Standing Water Level	mBTOC	Quarterly	23.62				4	1	N/A	N	23.62	23.62	23.62	
	Sulphate	mg/L	Quarterly	9				4	1	N/A	N	9	9	9	
	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	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	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	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	9				4	1	N/A	N	9	9	9	
	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	9				4	1	N/A	N	9	9	9	
	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	85				4	1	N/A	N	85	85	85	
	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	6.2				4	1	N/A	N	6.2	6.2	6.2	
	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	0.05				4	1	N/A	N	0.05	0.05	0.05	
	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	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	5.08				4	1	N/A	N	5.08	5.08	5.08	
	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	183				4	1	N/A	N	183	183	183	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	45				4	1	N/A	N	45	45	45	
	Standing Water Level	mBTOC	Quarterly	12.81				4	1	N/A	N	12.81	12.81	12.81	
	Sulphate	mg/L	Quarterly	17				4	1	N/A	N	17	17	17	
	Temperature (field)	deg c	Quarterly	19.1				4	1	N/A	N	19.1	19.1	19.1	
	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	180				4	1	N/A	N	180	180	180	
	Total Organic Carbon	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	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	<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	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	82				4	1	N/A	N	82	82	82	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments	
MB041 (EPA ID 27)	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	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.39				4	1	N/A	N	0.39	0.39	0.39		
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.032				4	1	1mg/L	N	0.032	0.032	0.032		
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	3.87				4	1	N/A	N	3.87	3.87	3.87		
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2		
	Redox (field)	mV	Quarterly	251				4	1	N/A	N	251	251	251		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	50				4	1	N/A	N	50	50	50		
	Standing Water Level	mBTC	Quarterly	7.32				4	1	N/A	N	7.32	7.32	7.32		
	Sulphate	mg/L	Quarterly	99				4	1	N/A	N	99	99	99		
	Temperature (field)	deg c	Quarterly	19.4				4	1	N/A	N	19.4	19.4	19.4		
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	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	4				4	1	N/A	N	4	4	4		
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
MB044 (EPA ID 45)	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	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	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	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	3				4	1	N/A	N	3	3	3		
	Chloride	mg/L	Quarterly	70				4	1	N/A	N	70	70	70		
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Magnesium (II) Ion	mg/L	Quarterly	8.3				4	1	N/A	N	8.3	8.3	8.3		
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Nitrate as N in water	mg/L	Quarterly	0.05				4	1	N/A	N	0.05	0.05	0.05		
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	0	#DIV/0!	
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	pH (field)	pH units	Quarterly	5.7				4	1	N/A	N	5.7	5.7	5.7		
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	0	#DIV/0!	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	1				4	1	N/A	N	1	1	1		
	Redox (field)	mV	Quarterly	208.7				4	1	N/A	N	208.7	208.7	208.7		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	34				4	1	N/A	N	34	34	34		
	Standing Water Level	mBTC	Quarterly	19.13				4	1	N/A	N	19.13	19.13	19.13		
	Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10		
	Temperature (field)	deg c	Quarterly	17.4				4	1	N/A	N	17.4	17.4	17.4		
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	150				4	1	N/A	N	150	150	150		
Total Organic Carbon	mg/L	Quarterly	1				4	1	N/A	N	1	1	1			
TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!		
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	27				4	1	N/A	N	27	27	27		
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
MB045 (EPA ID 46)	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	27				4	1	N/A	N	27	27	27	
	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	74				4	1	N/A	N	74	74	74	
	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	11				4	1	N/A	N	11	11	11	
	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	0.02				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	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	5.5				4	1	N/A	N	5.5	5.5	5.5	
	Phosphorus	mg/L	Quarterly	0.09				4	1	N/A	N	0.09	0.09	0.09	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	Redox (field)	mV	Quarterly	179				4	1	N/A	N	179	179	179	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	36				4	1	N/A	N	36	36	36	
	Standing Water Level	mBTOC	Quarterly	14.43				4	1	N/A	N	14.43	14.43	14.43	
	Sulphate	mg/L	Quarterly	9				4	1	N/A	N	9	9	9	
	Temperature (field)	deg c	Quarterly	18.3				4	1	N/A	N	18.3	18.3	18.3	
	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	140				4	1	N/A	N	140	140	140	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	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!		
MB305 (EPA ID 16)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	41				4	1	N/A	N	41	41	41	
	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	41				4	1	N/A	N	41	41	41	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	8.1				4	1	N/A	N	8.1	8.1	8.1	
	Chloride	mg/L	Quarterly	95				4	1	N/A	N	95	95	95	
	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	9.2				4	1	N/A	N	9.2	9.2	9.2	
	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	0.096				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	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.018				4	1	1mg/L	N	0.018	0.018	0.018	
	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	5.49				4	1	N/A	N	5.49	5.49	5.49	
	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	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	200				4	1	N/A	N	200	200	200	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	52				4	1	N/A	N	52	52	52	
	Standing Water Level	mBTOC	Quarterly	10.15				4	1	N/A	N	10.15	10.15	10.15	
	Sulphate	mg/L	Quarterly	33				4	1	N/A	N	33	33	33	
	Temperature (field)	deg c	Quarterly	17.4				4	1	N/A	N	17.4	17.4	17.4	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	Total Dissolved Solids	mg/L	Quarterly	200				4	1	N/A	N	200	200	200	
	Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2	
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
MB306 (EPA ID 17)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	6				4	1	N/A	N	6	6	6	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Bicarbonate Alkalinity	mg/L	Quarterly	6				4	1	N/A	N	6	6	6	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Calcium (II) Ion	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	Chloride	mg/L	Quarterly	100				4	1	N/A	N	100	100	100	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Magnesium (II) Ion	mg/L	Quarterly	7.3				4	1	N/A	N	7.3	7.3	7.3	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nitrate as N in water	mg/L	Quarterly	0.27				4	1	N/A	N	0.27	0.27	0.27	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	N	0	0	0	#DIV/0!
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	pH (field)	pH units	Quarterly	4.7				4	1	N/A	N	4.7	4.7	4.7	
	Phosphorus	mg/L	Quarterly	<0.05				4	0	N/A	N	0	0	0	#DIV/0!
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Potassium (I) Ion	mg/L	Quarterly	0.8				4	1	N/A	N	0.8	0.8	0.8	
	Redox (field)	mV	Quarterly	226				4	1	N/A	N	226	226	226	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Sodium (Na)	mg/L	Quarterly	51				4	1	N/A	N	51	51	51	
	Standing Water Level	mBTOC	Quarterly	5.72				4	1	N/A	N	5.72	5.72	5.72	
	Sulphate	mg/L	Quarterly	10				4	1	N/A	N	10	10	10	
	Temperature (field)	deg.c	Quarterly	16.2				4	1	N/A	N	16.2	16.2	16.2	
	Tetrachloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Toluene	µg/L	Yearly					1	0	N/A	N	0	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	3				4	1	N/A	N	3	3	3	
	TPH	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
Total Phenolics	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Trichloroethene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Xylenes	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
Zinc	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
MB047 (EPA ID 48)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	67				4	1	N/A	N	67	67	67	
	Aluminium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Arsenic	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Barium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Benzo(a)pyrene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Bicarbonate Alkalinity	mg/L	Quarterly	67				4	1	N/A	N	67	67	67	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Calcium (II) Ion	mg/L	Quarterly	12				4	1	N/A	N	12	12	12	
	Chloride	mg/L	Quarterly	170				4	1	N/A	N	170	170	170	
	Chromium (Hexavalent)	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Chromium (Total)	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Cobalt	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Copper	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Ethylbenzene	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Fluoride	mg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Lead	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Magnesium (II) Ion	mg/L	Quarterly	21				4	1	N/A	N	21	21	21	
	Manganese	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Mercury	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nickel	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	Nitrate as N in water	mg/L	Quarterly	0.007				4	1	N/A	N	0.007	0.007	0.007	
	Nitrite as N in water	mg/L	Quarterly	<0.005				4	0	N/A	N	0	0	0	#DIV/0!
	Ammonia as N	mg/L	Quarterly	0.028				4	1	1mg/L	N	0.028	0.028	0.028	
	OCP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	OPP	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!
	PCBs	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
	pH (field)	pH units	Quarterly	5.87				4	1	N/A	N	5.87	5.87	5.87	
	Phosphorus	mg/L	Quarterly	1.1				4	1	N/A	N	1.1	1.1	1.1	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	5.6				4	1	N/A	N	5.6	5.6	5.6	
	Redox (field)	mV	Quarterly	14.2				4	1	N/A	N	14.2	14.2	14.2	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	110				4	1	N/A	N	110	110	110	
	Standing Water Level	mBTOC	Quarterly	31.4				4	1	N/A	N	31.4	31.4	31.4	
	Sulphate	mg/L	Quarterly	24				4	1	N/A	N	24	24	24	
	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	0	0	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Total Dissolved Solids	mg/L	Quarterly	360				4	1	N/A	N	360	360	360	
	Total Organic Carbon	mg/L	Quarterly	4				4	1	N/A	N	4	4	4	
	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!	
	MB046 (EPA ID 47)	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	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	72				4	1	N/A	N	72	72	72	
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	370				4	1	N/A	N	370	370	370	
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	41				4	1	N/A	N	41	41	41	
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	0.009				4	1	N/A	N	0.009	0.009	0.009	
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	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	5.55				4	1	N/A	N	5.55	5.55	5.55	
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	0	#DIV/0!	
Potassium (I) Ion		mg/L	Quarterly	3				4	1	N/A	N	3	3	3	
Redox (field)		mV	Quarterly	175				4	1	N/A	N	175	175	175	
Selenium		µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
Sodium (Na)		mg/L	Quarterly	220				4	1	N/A	N	220	220	220	
Standing Water Level		mBTOC	Quarterly	21.95				4	1	N/A	N	21.95	21.95	21.95	
Sulphate		mg/L	Quarterly	31				4	1	N/A	N	31	31	31	
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	0	0	#DIV/0!	
Toluene		µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
Total Dissolved Solids		mg/L	Quarterly	720				4	1	N/A	N	720	720	720	
Total Organic Carbon	mg/L	Quarterly	2				4	1	N/A	N	2	2	2		
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	56				4	1	N/A	N	56	56	56	
	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	43				4	1	N/A	N	43	43	43	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	17				4	1	N/A	N	17	17	17	
	Chloride	mg/L	Quarterly	140				4	1	N/A	N	140	140	140	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	17-18/9/2024	**	**	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments	
MB048 (EPA ID 49)	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	4				4	1	N/A	N	4	4	4		
	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	0.12				4	1	N/A	N	0.12	0.12	0.12		
	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	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	70.2				4	1	N/A	N	70.2	70.2	70.2		
	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	0	#DIV/0!		
	Potassium (I) Ion	mg/L	Quarterly	5				4	1	N/A	N	5	5	5		
	Redox (field)	mV	Quarterly	181				4	1	N/A	N	181	181	181		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	92				4	1	N/A	N	92	92	92		
	Standing Water Level	mBTOC	Quarterly	19.92				4	1	N/A	N	19.92	19.92	19.92		
	Sulphate	mg/L	Quarterly	14				4	1	N/A	N	14	14	14		
	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	0	0	#DIV/0!		
	Toluene	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Total Dissolved Solids	mg/L	Quarterly	280				4	1	N/A	N	280	280	280		
	Total Organic Carbon	mg/L	Quarterly	3				4	1	N/A	N	3	3	3		
	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!		
	MB049 (EPA ID 50)	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	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	180				4	1	N/A	N	180	180	180		
Cadmium		µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Calcium (II) Ion		mg/L	Quarterly	38				4	1	N/A	N	38	38	38		
Chloride		mg/L	Quarterly	140				4	1	N/A	N	140	140	140		
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	13				4	1	N/A	N	13	13	13		
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	0.04				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	0.049				4	1	1mg/L	N	0.049	0.049	0.049		
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	6.78				4	1	N/A	N	6.78	6.78	6.78		
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	0	#DIV/0!		
Potassium (I) Ion		mg/L	Quarterly	4				4	1	N/A	N	4	4	4		
Redox (field)		mV	Quarterly	210				1	0	N/A	N	210	210	210		
Selenium		µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Sodium (Na)		mg/L	Quarterly	130				4	1	N/A	N	130	130	130		
Standing Water Level		mBTOC	Quarterly	21.52				4	1	N/A	N	21.52	21.52	21.52		
Sulphate		mg/L	Quarterly	26				4	1	N/A	N	26	26	26		
Temperature (field)		deg c	Quarterly	18				4	1	N/A	N	18	18	18		
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	470				4	1	N/A	N	470	470	470		
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!			

Comment:

** - Dry well observed. Insufficient groundwater available for sampling.