



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/>

Disclaimer Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

Sampling Point as per Licence	Pollutant	Unit of measure ¹	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	95			4	2	N/A	N	30	95	62.5	
	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	95			4	2	N/A	N	30	95	62.5	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	5	38			4	2	N/A	N	5	38	21.5	
	Chloride	mg/L	Quarterly	79	140			4	2	N/A	N	79	140	109.5	
	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	5.4			4	2	N/A	N	5.4	12	8.7	
	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	0.12			4	2	N/A	N	0.072	0.12	0.096	
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.008			4	1	N/A	N	0.008	0.008	0.008	
	Ammonia as N	mg/L	Quarterly	0.014	0.4			4	2	1mg/L	N	0.014	0.4	0.207	
	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	3.89			4	2	N/A	N	3.89	4.84	4.365	
	Phosphorus	mg/L	Quarterly	<0.05	<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			4	2	N/A	N	2	4	3	
	Redox (field)	mV	Quarterly	239	229			4	2	N/A	N	229	239	234	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	39	83			4	2	N/A	N	39	83	61	
	Standing Water Level	mBTOC	Quarterly	14.02	13.9			4	2	N/A	N	13.9	14.02	13.96	
	Sulphate	mg/L	Quarterly	20	16			4	2	N/A	N	16	20	18	
	Temperature (field)	deg c	Quarterly	18	18.3			4	2	N/A	N	18	18.3	18.15	
	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	360			4	2	N/A	N	170	360	265	
	Total Organic Carbon	mg/L	Quarterly	130	3			4	2	N/A	N	3	130	66.5	
	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!		
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	82	64			4	2	N/A	N	64	82	73	
	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	64			4	2	N/A	N	64	82	73	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	18	17			4	2	N/A	N	17	18	17.5	
	Chloride	mg/L	Quarterly	1600	1600			4	2	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	1718/9/2024	1819/12/2024	**	**	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	90			4	2	N/A	N	90	95	92.5	
	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	0.03	0.007			4	2	N/A	N	0.007	0.03	0.0185	
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.1	0.062			4	2	1mg/L	N	0.062	0.1	0.081	
	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	5.33	4.68			4	2	N/A	N	4.68	5.33	5.005	
	Phosphorus	mg/L	Quarterly	110	6			4	2	N/A	N	6	110	58	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	24	21			4	2	N/A	N	21	24	22.5	
	Redox (field)	mV	Quarterly	224	190.8			4	2	N/A	N	190.8	224	207.4	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	1000	770			4	2	N/A	N	770	1000	885	
	Standing Water Level	mBTC	Quarterly	6.53	7.1			4	2	N/A	N	6.53	7.1	6.815	
	Sulphate	mg/L	Quarterly	270	260			4	2	N/A	N	260	270	265	
	Temperature (field)	deg c	Quarterly	17.2	17.5			4	2	N/A	N	17.2	17.5	17.35	
	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	2700	2900			4	2	N/A	N	2700	2900	2800	
	Total Organic Carbon	mg/L	Quarterly	40	9			4	2	N/A	N	9	40	24.5	
	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!	
MB032 (EPA ID 32)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	40	29			4	2	N/A	N	29	40	34.5	
	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	40	29			4	2	N/A	N	29	40	34.5	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	6.2	6.8			4	2	N/A	N	6.2	6.8	6.5	
	Chloride	mg/L	Quarterly	94	86			4	2	N/A	N	86	94	90	
	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	12			4	2	N/A	N	11	12	11.5	
	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	<0.005	0.02			4	1	N/A	N	0.02	0.02	0.02	
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.006			4	1	N/A	N	0.006	0.006	0.006	
	Ammonia as N	mg/L	Quarterly	0.006	0.18			4	2	1mg/L	N	0.006	0.18	0.093	
	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	4.46			4	2	N/A	N	4.46	5.49	4.975	
	Phosphorus	mg/L	Quarterly	0.5	0.4			4	2	N/A	N	0.4	0.5	0.45	
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Potassium (I) Ion	mg/L	Quarterly	2	2			4	2	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	163	146.4			4	2	N/A	N	146.4	163	154.7	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	49	40			4	2	N/A	N	40	49	44.5	
	Standing Water Level	mBTC	Quarterly	11.46	11.4			4	2	N/A	N	11.4	11.46	11.43	
	Sulphate	mg/L	Quarterly	11	11			4	2	N/A	N	11	11	11	
	Temperature (field)	deg c	Quarterly	18.9	18.2			4	2	N/A	N	18.2	18.9	18.55	
	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	210	210			4	2	N/A	N	210	210	210	
Total Organic Carbon	mg/L	Quarterly	2	3			4	2	N/A	N	2	3	2.5		
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!		
	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	#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!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	#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	<0.005				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	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005				4	0	1mg/L	Y	0	0	#DIV/0!	Resampling in progress for MB033
	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	5.57				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	#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	#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	#DIV/0!	
	Toluene	µg/L	Yearly					1	0	N/A	N	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	#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!		
MB034 (EPA ID 8)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	25	<5			4	1	N/A	N	25	25	25	
	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	25	<5			4	1	N/A	N	25	25	25	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	2	3			4	2	N/A	N	2	3	2.5	
	Chloride	mg/L	Quarterly	94	84			4	2	N/A	N	84	94	89	
	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	7.4	7.8			4	2	N/A	N	7.4	7.8	7.6	
	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	0.006	0.26			4	2	N/A	N	0.006	0.25	0.133	
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.01			4	1	N/A	N	0.01	0.01	0.01	
	Ammonia as N	mg/L	Quarterly	0.007	0.84			4	2	1mg/L	N	0.007	0.84	0.4235	
	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	5.12	4.01			4	2	N/A	N	4.01	5.12	4.565	
	Phosphorus	mg/L	Quarterly	<0.05	<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	0.9	1			4	2	N/A	N	0.9	1	0.95	
	Redox (field)	mV	Quarterly	181.7	132			4	2	N/A	N	132	181.7	156.85	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	47	39			4	2	N/A	N	39	47	43	
	Standing Water Level	mBTOC	Quarterly	4.06	3.25			4	2	N/A	N	3.25	4.06	3.655	
	Sulphate	mg/L	Quarterly	12	9			4	2	N/A	N	9	12	10.5	
	Temperature (field)	deg c	Quarterly	17	19.6			4	2	N/A	N	17	19.6	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!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	180			4	2	N/A	N	180	220	200		
	Total Organic Carbon	mg/L	Quarterly	1	3			4	2	N/A	N	1	3	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	<5	<5			4	0	N/A	N	0	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	<5			4	0	N/A	N	0	0	0	#DIV/0!	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Calcium (II) Ion	mg/L	Quarterly	0.8	1			4	2	N/A	N	0.8	1	0.9		
	Chloride	mg/L	Quarterly	89	90			4	2	N/A	N	89	90	89.5		
	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	6.1	6.8			4	2	N/A	N	6.1	6.8	6.45		
	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	<0.005	0.01			4	1	N/A	N	0.01	0.01	0.01		
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!		
	Ammonia as N	mg/L	Quarterly	<0.005	0.250			4	1	1mg/L	N	0.25	0.25	0.25		
	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	4.09	3.67			4	2	N/A	N	3.67	4.09	3.88		
	Phosphorus	mg/L	Quarterly	<0.05	<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	1	0.9			4	2	N/A	N	0.9	1	0.95		
	Redox (field)	mV	Quarterly	243	175.0			4	2	N/A	N	175	243	209		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	45	38			4	2	N/A	N	38	45	41.5		
	Standing Water Level	mBTOC	Quarterly	2.67	2.67			4	2	N/A	N	2.67	2.67	2.67		
	Sulphate	mg/L	Quarterly	17	180			4	2	N/A	N	17	180	98.5		
	Temperature (field)	deg.c	Quarterly	16.6	18.5			4	2	N/A	N	16.6	18.5	17.55		
	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	200	200			4	2	N/A	N	200	200	200		
	Total Organic Carbon	mg/L	Quarterly	1	1			4	2	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!		
	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	<5	<5			4	0	N/A	N	0	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	<5			4	0	N/A	N	0	0	0	#DIV/0!	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Calcium (II) Ion	mg/L	Quarterly	1	1			4	2	N/A	N	1	1	1		
	Chloride	mg/L	Quarterly	150	120			4	2	N/A	N	120	150	135		
	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	12			4	2	N/A	N	11	12	11.5		
	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	0.01	0.02			4	2	N/A	N	0.01	0.02	0.015		
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!		
	Ammonia as N	mg/L	Quarterly	<0.005	0.18			4	1	1mg/L	N	0.18	0.18	0.18		
	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	3.74	3.58			4	2	N/A	N	3.58	3.74	3.66		

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	<0.05			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	1			4	2	N/A	N	1	1	1	
	Redox (field)	mV	Quarterly	304	18.2			4	2	N/A	N	18.2	304	161.1	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	74	71			4	2	N/A	N	71	74	72.5	
	Standing Water Level	mBTOC	Quarterly	23.62	23.84			4	2	N/A	N	23.62	23.84	23.73	
	Sulphate	mg/L	Quarterly	9	68			4	2	N/A	N	9	68	38.5	
	Temperature (field)	deg c	Quarterly	16.6	21.3			4	2	N/A	N	16.6	21.3	18.95	
	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	290			4	2	N/A	N	290	300	295	
	Total Organic Carbon	mg/L	Quarterly	4	4			4	2	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	<5			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	<5			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	3			4	2	N/A	N	2	3	2.5	
	Chloride	mg/L	Quarterly	85	73			4	2	N/A	N	73	85	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	6.2	6.4			4	2	N/A	N	6.2	6.4	6.3	
	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	0.23			4	2	N/A	N	0.05	0.23	0.14	
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.008			4	1	N/A	N	0.008	0.008	0.008	
	Ammonia as N	mg/L	Quarterly	<0.005	0.14			4	1	1mg/L	N	0.14	0.14	0.14	
	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	3.75			4	2	N/A	N	3.75	5.08	4.415	
	Phosphorus	mg/L	Quarterly	0.2	<0.05			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	1			4	2	N/A	N	1	2	1.5	
	Redox (field)	mV	Quarterly	183	26.5			4	2	N/A	N	26.5	183	104.75	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	45	37			4	2	N/A	N	37	45	41	
	Standing Water Level	mBTOC	Quarterly	12.81	12.78			4	2	N/A	N	12.78	12.81	12.795	
	Sulphate	mg/L	Quarterly	17	12			4	2	N/A	N	12	17	14.5	
	Temperature (field)	deg c	Quarterly	19.1	19.5			4	2	N/A	N	19.1	19.5	19.3	
	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	180	160			4	2	N/A	N	160	180	170	
	Total Organic Carbon	mg/L	Quarterly	4	4			4	2	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	NL			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	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	2	NL			4	1	N/A	N	2	2	2	
	Chloride	mg/L	Quarterly	82	NL			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 [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	NL			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	NL			4	1	N/A	N	0.39	0.39	0.39		
	Nitrite as N in water	mg/L	Quarterly	<0.005	NL			4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.032	NL			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	NL			4	1	N/A	N	3.87	3.87	3.87		
	Phosphorus	mg/L	Quarterly	<0.05	NL			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	NL			4	1	N/A	N	2	2	2		
	Redox (field)	mV	Quarterly	251	NL			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	NL			4	1	N/A	N	50	50	50		
	Standing Water Level	mBTC	Quarterly	7.32	NL			4	1	N/A	N	7.32	7.32	7.32		
	Sulphate	mg/L	Quarterly	99	NL			4	1	N/A	N	99	99	99		
	Temperature (field)	deg c	Quarterly	19.4	NL			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	NL			4	1	N/A	N	200	200	200		
	Total Organic Carbon	mg/L	Quarterly	4	NL			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	<5			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	<5			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	3			4	2	N/A	N	3	3	3		
	Chloride	mg/L	Quarterly	70	78			4	2	N/A	N	70	78	74		
	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	8.6			4	2	N/A	N	8.3	8.6	8.45		
	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	0.02			4	2	N/A	N	0.02	0.05	0.035		
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.014			4	1	N/A	N	0.014	0.014	0.014		
	Ammonia as N	mg/L	Quarterly	<0.005	0.063			4	1	1mg/L	N	0.063	0.063	0.063		
	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	3.8			4	2	N/A	N	3.8	5.7	4.75		
	Phosphorus	mg/L	Quarterly	<0.05	<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	1			4	2	N/A	N	1	1	1		
	Redox (field)	mV	Quarterly	208.7	234			4	2	N/A	N	208.7	234	221.35		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	34	29			4	2	N/A	N	29	34	31.5		
	Standing Water Level	mBTC	Quarterly	19.13	19.43			4	2	N/A	N	19.13	19.43	19.28		
	Sulphate	mg/L	Quarterly	10	38			4	2	N/A	N	10	38	24		
	Temperature (field)	deg c	Quarterly	17.4	18.3			4	2	N/A	N	17.4	18.3	17.85		
	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	150			4	2	N/A	N	150	150	150		
	Total Organic Carbon	mg/L	Quarterly	1	2			4	2	N/A	N	1	2	1.5		
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	8			4	2	N/A	N	8	27	17.5		
	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	1718/9/2024	1819/12/2024	**	**	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	8			4	2	N/A	N	8	27	17.5	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	4	3			4	2	N/A	N	3	4	3.5	
	Chloride	mg/L	Quarterly	74	79			4	2	N/A	N	74	79	76.5	
	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	9.7			4	2	N/A	N	9.7	11	10.35	
	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	0.01			4	2	N/A	N	0.01	0.02	0.015	
	Nitrite as N in water	mg/L	Quarterly	<0.005	0.006			4	1	N/A	N	0.006	0.006	0.006	
	Ammonia as N	mg/L	Quarterly	<0.005	0.041			4	1	1mg/L	N	0.041	0.041	0.041	
	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	3.92			4	2	N/A	N	3.92	5.5	4.71	
	Phosphorus	mg/L	Quarterly	0.09	<0.05			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	2			4	2	N/A	N	2	4	3	
	Redox (field)	mV	Quarterly	179	198			4	2	N/A	N	179	198	188.5	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	36	29			4	2	N/A	N	29	36	32.5	
	Standing Water Level	mBTOC	Quarterly	14.43	14.5			4	2	N/A	N	14.43	14.5	14.465	
	Sulphate	mg/L	Quarterly	9	21			4	2	N/A	N	9	21	15	
	Temperature (field)	deg c	Quarterly	18.3	18.4			4	2	N/A	N	18.3	18.4	18.35	
	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	160			4	2	N/A	N	140	160	150	
	Total Organic Carbon	mg/L	Quarterly	2	2			4	2	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	24			4	2	N/A	N	24	41	32.5	
	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	24			4	2	N/A	N	24	41	32.5	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	8.1	7.4			4	2	N/A	N	7.4	8.1	7.75	
	Chloride	mg/L	Quarterly	95	81			4	2	N/A	N	81	95	88	
	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	10			4	2	N/A	N	9.2	10	9.6	
	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	0.007			4	2	N/A	N	0.007	0.096	0.0515	
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.018	0.24			4	2	1mg/L	N	0.24	0.24	0.129	
	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	4.61			4	2	N/A	N	4.61	5.49	5.05	
	Phosphorus	mg/L	Quarterly	0.1	<0.05			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	2			4	2	N/A	N	2	2	2	
	Redox (field)	mV	Quarterly	200	22.4			4	2	N/A	N	22.4	200	111.2	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	52	39			4	2	N/A	N	39	52	45.5	
	Standing Water Level	mBTOC	Quarterly	10.15	9.98			4	2	N/A	N	9.98	10.15	10.065	
	Sulphate	mg/L	Quarterly	33	20			4	2	N/A	N	20	33	26.5	
	Temperature (field)	deg c	Quarterly	17.4	19.8			4	2	N/A	N	17.4	19.8	18.6	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	200			4	2	N/A	N	200	200	200	
	Total Organic Carbon	mg/L	Quarterly	2	2			4	2	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!	
MB306 (EPA ID 17)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	6	<5			4	1	N/A	N	6	6	6	
	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	6	<5			4	1	N/A	N	6	6	6	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	4	4			4	2	N/A	N	4	4	4	
	Chloride	mg/L	Quarterly	100	91			4	2	N/A	N	91	100	95.5	
	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	7.3	7.8			4	2	N/A	N	7.3	7.8	7.55	
	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	0.27	0.28			4	2	N/A	N	0.27	0.28	0.275	
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005	0.330			4	1	1mg/L	N	0.33	0.33	0.33	
	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	4.7	3.64			4	2	N/A	N	3.64	4.7	4.17	
	Phosphorus	mg/L	Quarterly	<0.05	<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	0.8	0.8			4	2	N/A	N	0.8	0.8	0.8	
	Redox (field)	mV	Quarterly	226	160.3			4	2	N/A	N	160.3	226	193.15	
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Sodium (Na)	mg/L	Quarterly	51	40			4	2	N/A	N	40	51	45.5	
	Standing Water Level	mBTOC	Quarterly	5.72	5.94			4	2	N/A	N	5.72	5.94	5.83	
	Sulphate	mg/L	Quarterly	10	14			4	2	N/A	N	10	14	12	
	Temperature (field)	deg.c	Quarterly	16.2	18.6			4	2	N/A	N	16.2	18.6	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!	
	Total Dissolved Solids	mg/L	Quarterly	210	220			4	2	N/A	N	210	220	215	
	Total Organic Carbon	mg/L	Quarterly	3	8			4	2	N/A	N	3	8	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!		
MB047 (EPA ID 48)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	67	77			4	2	N/A	N	67	77	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	67	77			4	2	N/A	N	67	77	72	
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!	
	Calcium (II) Ion	mg/L	Quarterly	12	14			4	2	N/A	N	12	14	13	
	Chloride	mg/L	Quarterly	170	180			4	2	N/A	N	170	180	175	
	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	21	40			4	2	N/A	N	21	40	30.5	
	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	0.007	<0.005			4	1	N/A	N	0.007	0.007	0.007	
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	0.028	0.031			4	2	1mg/L	N	0.028	0.031	0.0295	
	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!	

Sampling Point as per Licence	Pollutant	Unit of measure [†]	Monitoring Frequency Required by licence	1718/9/2024	1819/12/2024	**	**	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	4.8			4	2	N/A	N	4.8	5.87	5.335		
	Phosphorus	mg/L	Quarterly	1.1	<0.05			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	3			4	2	N/A	N	3	5.6	4.3		
	Redox (field)	mV	Quarterly	14.2	134			4	2	N/A	N	14.2	134	74.1		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	110	210			4	2	N/A	N	110	210	160		
	Standing Water Level	mBTOC	Quarterly	31.4	31.1			4	2	N/A	N	31.1	31.4	31.25		
	Sulphate	mg/L	Quarterly	24	26			4	2	N/A	N	24	26	25		
	Temperature (field)	deg c	Quarterly	17.9	20.4			4	2	N/A	N	17.9	20.4	19.15		
	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	420			4	2	N/A	N	360	420	390		
	Total Organic Carbon	mg/L	Quarterly	4	6			4	2	N/A	N	4	6	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!		
	MB046 (EPA ID 47)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	72	56			4	2	N/A	N	56	72	64	
		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	56			4	2	N/A	N	56	72	64		
Cadmium		µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
Calcium (II) Ion		mg/L	Quarterly	15	14			4	2	N/A	N	14	15	14.5		
Chloride		mg/L	Quarterly	370	400			4	2	N/A	N	370	400	385		
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	39			4	2	N/A	N	39	41	40		
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	0.01			4	2	N/A	N	0.009	0.01	0.0095		
Nitrite as N in water		mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!		
Ammonia as N		mg/L	Quarterly	<0.005	0.014			4	1	1mg/L	N	0.014	0.014	0.014		
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	4.63			4	2	N/A	N	4.63	5.55	5.09		
Phosphorus		mg/L	Quarterly	<0.05	<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	3.0			4	2	N/A	N	3	3	3		
Redox (field)		mV	Quarterly	175	175			4	2	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	210.00			4	2	N/A	N	210	220	215		
Standing Water Level		mBTOC	Quarterly	21.95	22.15			4	2	N/A	N	21.95	22.15	22.05		
Sulphate		mg/L	Quarterly	31	33			4	2	N/A	N	31	33	32		
Temperature (field)		deg c	Quarterly	17.6	18.3			4	2	N/A	N	17.6	18.3	17.95		
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	720			4	2	N/A	N	720	720	720		
Total Organic Carbon		mg/L	Quarterly	2	2			4	2	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	150			4	2	N/A	N	56	150	103		
	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	150			4	2	N/A	N	43	150	96.5		
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Calcium (II) Ion	mg/L	Quarterly	17	28			4	2	N/A	N	17	28	22.5		
	Chloride	mg/L	Quarterly	140	150			4	2	N/A	N	140	150	145		
	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	1718/9/2024	1819/12/2024	**	**	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	12			4	2	N/A	N	4	12	8		
	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	<0.005			4	1	N/A	N	0	0.12	0.12	0.12	
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	0	#DIV/0!	
	Ammonia as N	mg/L	Quarterly	<0.005	0.52			4	1	1mg/L	N	0.52	0.52	0.52		
	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	4.72			4	2	N/A	N	4.72	70.2	37.46		
	Phosphorus	mg/L	Quarterly	0.1	0.05			4	2	N/A	N	0.05	0.1	0.075		
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Potassium (I) Ion	mg/L	Quarterly	5	3			4	2	N/A	N	3	5	4		
	Redox (field)	mV	Quarterly	181	172.3			4	2	N/A	N	172.3	181	176.65		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	92	110			4	2	N/A	N	92	110	101		
	Standing Water Level	mBTOC	Quarterly	19.92	20.33			4	2	N/A	N	19.92	20.33	20.125		
	Sulphate	mg/L	Quarterly	14	27			4	2	N/A	N	14	27	20.5		
	Temperature (field)	deg c	Quarterly	18.1	19.9			4	2	N/A	N	18.1	19.9	19		
	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	410			4	2	N/A	N	280	410	345		
	Total Organic Carbon	mg/L	Quarterly	3	2			4	2	N/A	N	2	3	2.5		
	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!			
MB049 (EPA ID 50)	Total Alkalinity (Carbonate and Bicarbonate)	mg/L	Quarterly	180	150			4	2	N/A	N	150	180	165		
	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	150			4	2	N/A	N	150	180	165		
	Cadmium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Calcium (II) Ion	mg/L	Quarterly	38	28			4	2	N/A	N	28	38	33		
	Chloride	mg/L	Quarterly	140	150			4	2	N/A	N	140	150	145		
	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	12			4	2	N/A	N	12	13	12.5		
	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	<0.005			4	1	N/A	N	0.04	0.04	0.04		
	Nitrite as N in water	mg/L	Quarterly	<0.005	<0.005			4	0	N/A	N	0	0	#DIV/0!		
	Ammonia as N	mg/L	Quarterly	0.049	0.52			4	2	1mg/L	N	0.049	0.52	0.2845		
	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	4.94			4	2	N/A	N	4.94	6.78	5.86		
	Phosphorus	mg/L	Quarterly	0.1	0.05			4	2	N/A	N	0.05	0.1	0.075		
	PAH	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Potassium (I) Ion	mg/L	Quarterly	4	3			4	2	N/A	N	3	4	3.5		
	Redox (field)	mV	Quarterly	210	132.4			4	2	N/A	N	132.4	210	171.2		
	Selenium	µg/L	Yearly					1	0	N/A	N	0	0	#DIV/0!		
	Sodium (Na)	mg/L	Quarterly	130	110			4	2	N/A	N	110	130	120		
	Standing Water Level	mBTOC	Quarterly	21.52	21.28			4	2	N/A	N	21.28	21.52	21.4		
	Sulphate	mg/L	Quarterly	26	27			4	2	N/A	N	26	27	26.5		
	Temperature (field)	deg c	Quarterly	18	19.2			4	2	N/A	N	18	19.2	18.6		
	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	470	410			4	2	N/A	N	410	470	440		
Total Organic Carbon	mg/L	Quarterly	5	2			4	2	N/A	N	2	5	3.5			
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!			
Date Monitoring Data Obtained																
Date Uploaded																
				5/02/2025												
				18/02/2025												

Comment:
NL: Dry well observed. Insufficient groundwater available for sampling.