

NARROMINE WASTE DEPOT - RESULTS OF LABORATORY ANALYSIS

			Sample ID	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1
			Sample Date	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
Group	Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS
Physical Parameters	pH (Lab)	0	No unit	7	7	6.7	6.8	6.9	6.9	7.1	7	7.1
	Electrical Conductivity (Lab)	2	µS/cm	1300	-	-	-	1400	-	-	1100	1200
	Biochemical Oxygen Demand (BOD5)	5	mg/L	< 5	-	-	-	< 5	-	-	-	9
	Total Dissolved Solids	10	mg/L	660	-	-	-	800	-	-	-	630
	Total Suspended Solids	5	mg/L	110	4100	2700	1900	810	290	1500	510	460
Alkalinity	Carbonate Alkalinity as CaCO3	1	mg/L	-	-	-	-	-	-	-	-	< 1
	Total Alkalinity as CaCO3	5	mg/L	280	350	390	380	350	320	350	-	340
Anions	Chloride	0.05	mg/L	200	230	220	230	210	200	230	-	210
	Fluoride	0.1	mg/L	0.14	0.1	< 0.1	< 0.1	< 0.1	0.11	0.13	-	< 0.1
	Sulfate (SO4)	1	mg/L	39	46	44	46	42	36	42	-	26
Cations	Calcium (Ca)	0.1	mg/L	59	63	67	66	66	68	72	-	68
	Magnesium (Mg)	0.1	mg/L	29	28	29	30	31	29	28	-	24
	Potassium (K)	0.1	mg/L	4.1	3.2	3.2	2.6	3.1	2.7	3	3.2	9.6
	Sodium (Na)	0.1	mg/L	160	170	180	170	180	160	170	-	150
Forms of Carbon	Total Organic Carbon	0.2	mg/L	4.5	3.1	5.9	2.4	4	2.2	3	4.6	10
Nutrients	Ammonia (NH3) as N	0.01	mg/L	1.2	0.56	0.48	0.38	0.12	0.06	0.9	0.44	< 0.01
	Nitrate (NO3) as N	0.005	mg/L	6.9	4.4	2.5	2.2	1.6	1.7	2.6	1.5	0.13
	Nitrite (NO2) as N	0.005	mg/L	0.015	0.29	0.18	0.99	1.1	0.89	0.45	1.2	0.018
	Total Oxidised Nitrogen, NOx-N	0.005	mg/L	7	4.7	2.7	3.2	2.7	2.6	3.1	-	0.15
	Total Phosphorus	0.02	mg/L	0.37	-	-	-	0.44	-	-	-	0.48
	Total Kjeldahl Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	1.9	-
Trace Metals	Aluminium (Al)	0.005	mg/L	< 0.005	-	-	-	< 0.005	-	-	-	0.009
	Arsenic (As)	0.001	mg/L	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
	Barium (Ba)	0.001	mg/L	0.081	-	-	-	0.063	-	-	-	0.043
	Cadmium (Cd)	0.0001	mg/L	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001
	Chromium (Cr)	0.001	mg/L	< 0.001	-	-	-	< 0.001	-	-	-	0.037
	Cobalt (Co)	0.001	mg/L	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
	Copper (Cu)	0.001	mg/L	< 0.001	-	-	-	< 0.001	-	-	-	0.001
	Hexavalent Chromium (Cr-VI)	0.004	mg/L	< 0.004	-	-	-	0.005	-	-	-	< 0.004
	Iron (Fe)	0.005	mg/L	0.036	0.006	0.011	0.008	< 0.005	0.15	0.88	-	0.017
	Lead (Pb)	0.001	mg/L	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
	Manganese (Mn)	0.001	mg/L	0.063	0.11	0.11	0.082	0.067	0.058	0.11	-	0.08
	Mercury (Hg)	0.0001	mg/L	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001
	Zinc (Zn)	0.005	mg/L	0.031	-	-	-	0.016	-	-	-	0.011
Phenolics	Total Phenols	0.01	mg/L	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	< 0.01
BTEXN Analytes	Benzene	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Toluene	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Ethylbenzene	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	meta- & para-Xylene	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	ortho-Xylene	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Total Xylenes	1.5	µg/L	< 1.5	-	-	-	< 1.5	-	-	-	< 1.5
	Sum of BTEX	3	µg/L	< 3	-	-	-	< 3	-	-	-	< 3
	Naphthalene	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Naphthalene (VOC)	0.5	µg/L	-	-	-	-	-	-	-	-	-
	Benzene (F0)	0.5	µg/L	< 0.5	-	-	-	-	-	-	-	-
	TRH C6-C10	50	µg/L	< 50	-	-	-	< 50	-	-	-	< 50

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			Sample Date	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
Total Recoverable Hydrocarbons	TRH C6-C10 less BTEX (F1)	50	µg/L	< 50	-	-	-	< 50	-	-	-	< 50
	TRH >C10-C16	60	µg/L	< 60	-	-	-	< 60	-	-	-	110
	TRH >C10-C16 less Naphthalene (F2)	60	µg/L	< 60	-	-	-	< 60	-	-	-	110
	TRH >C16-C34 (F3)	500	µg/L	< 500	-	-	-	< 500	-	-	-	710
	TRH >C34-C40 (F4)	500	µg/L	< 500	-	-	-	< 500	-	-	-	< 500
	TRH C10-C40	320	µg/L	< 650	-	-	-	< 650	-	-	-	850
Total Petroleum Hydrocarbons	TRH C6-C9	40	µg/L	< 40	-	-	-	< 40	-	-	-	< 40
	TRH C10-C14	50	µg/L	< 50	-	-	-	< 50	-	-	-	< 50
	TRH C10-C36	450	µg/L	< 450	-	-	-	< 450	-	-	-	-
	TRH C15-C28	200	µg/L	< 200	-	-	-	< 200	-	-	-	540
	TRH C29-C36	200	µg/L	< 200	-	-	-	< 200	-	-	-	320
	TRH C37-C40	200	µg/L	< 200	-	-	-	< 200	-	-	-	< 200
Polynuclear Aromatic Hydrocarbons	1-methylnaphthalene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	2-methylnaphthalene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Acenaphthene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Acenaphthylene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Anthracene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Benzo(a)anthracene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Benzo(a)pyrene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Benzo(b&j)fluoranthene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Benzo(ghi)perylene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Benzo(k)fluoranthene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Chrysene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Dibenzo(ah)anthracene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Fluoranthene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Fluorene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Indeno(1,2,3-cd)pyrene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Phenanthrene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Pyrene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Naphthalene	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Total PAHs	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
OP Pesticides	Azinphos-methyl	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Bromophos Ethyl	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Chlorpyrifos (Chlorpyrifos Ethyl)	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Diazinon (Dimpylate)	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Dichlorvos	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Dimethoate	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Ethion	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Fenitrothion	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Malathion	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Methidathion	0.5	µg/L	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
	Parathion-ethyl (Parathion)	0.2	µg/L	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
	Aldrin	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Alpha BHC	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Alpha Chlordane	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Alpha Endosulfan	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Beta BHC	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Beta Endosulfan	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1

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			Sample Date	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
OC Pesticides	Delta BHC	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Dieldrin	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Endosulfan sulphate	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Endrin	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Endrin aldehyde	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Endrin ketone	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Gamma Chlordane	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Heptachlor	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Heptachlor epoxide	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Hexachlorobenzene (HCB)	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Isodrin	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Lindane (gamma BHC)	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Methoxychlor	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Mirex	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	o,p'-DDD	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	o,p'-DDE	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	o,p'-DDT	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	p,p'-DDD	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	p,p'-DDE	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	p,p'-DDT	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	trans-Nonachlor	0.1	µg/L	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
	Total OC Pesticides	1	µg/L	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1016	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1221	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1232	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1242	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1248	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1254	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1260	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1262	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Arochlor 1268	1	µg/L	< 1	-	-	-	< 1	-	-	-	< 1
	Total Polychlorinated biphenyls	5	µg/L	< 5	-	-	-	< 5	-	-	-	< 5

mg/L milligrams per litre
µg/L micrograms per litre
LOR limit of reporting
PS primary sample

F LABORATORY ANALYSIS

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	7	6.9	6.8	7	7.1	6.9	7	6.5	6.7	6.4	7	10.5	7.5	7.4
Electrical Conductivity (Lab)	-	-	-	1100	-	-	-	770	-	-	990	-	-	-
Biochemical Oxygen Demand (BOD5)	-	-	-	< 5	-	-	-	-	-	< 5	< 5	7	< 5	< 5
Total Dissolved Solids	-	-	-	590	-	-	-	590	-	-	570	-	-	-
Total Suspended Solids	1400	930	1100	1600	1600	970	1400	340	930	170	490	34000	1500	380
Carbonate Alkalinity as CaCO3	-	< 1	-	-	-	-	-	-	-	-	-	-	-	-
Total Alkalinity as CaCO3	370	330	300	270	330	310	280	230	240	210	260	4500	270	250
Chloride	210	190	180	150	170	170	170	150	160	170	160	190	150	150
Fluoride	< 0.1	< 0.1	0.11	0.1	0.11	0.13	0.12	< 0.1	0.12	0.15	0.11	< 0.1	< 0.1	0.11
Sulfate (SO4)	32	29	28	23	29	28	29	25	26	26	23	140	37	37
Calcium (Ca)	63	66	55	63	69	68	68	58	66	52	64	69	82	74
Magnesium (Mg)	25	26	23	24	24	27	24	25	25	27	27	4.5	27	24
Potassium (K)	10	9.7	6.4	4.8	4.1	4.5	3.8	2.9	3.3	3.9	3.2	2.8	3.1	2.9
Sodium (Na)	150	160	140	130	130	140	120	110	120	120	110	81	90	84
Total Organic Carbon	11	6.2	3	3.1	3.7	3.2	2.3	0.8	1.3	3.6	1.8	10	6.7	5.4
Ammonia (NH3) as N	0.17	0.2	0.09	0.17	0.15	0.07	0.08	0.04	0.13	0.02	0.15	0.19	0.08	0.04
Nitrate (NO3) as N	0.062	1.1	2.4	1.9	2.6	2.8	2.2	2.5	2.3	2.7	1.7	2.5	3.1	3
Nitrite (NO2) as N	0.008	0.017	0.015	0.01	0.006	0.019	0.016	< 0.005	0.008	< 0.005	0.007	< 0.005	0.028	< 0.005
Total Oxidised Nitrogen, NOx-N	0.07	1.1	2.4	1.9	2.6	2.8	2.2	2.5	2.3	2.7	1.7	2.5	3.2	3
Total Phosphorus	-	-	-	0.64	-	-	-	0.21	-	-	0.56	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	-	-	-	< 0.005	-	-	-	< 0.005	-	-	< 0.005	-	-	-
Arsenic (As)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Barium (Ba)	-	-	-	0.04	-	-	-	0.059	-	-	0.052	-	-	-
Cadmium (Cd)	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	< 0.0001	-	-	-
Chromium (Cr)	-	-	-	< 0.001	-	-	-	0.007	-	-	< 0.001	-	-	-
Cobalt (Co)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Copper (Cu)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Hexavalent Chromium (Cr-VI)	-	-	-	< 0.004	-	-	-	< 0.004	-	-	< 0.004	-	-	-
Iron (Fe)	0.52	0.79	0.39	< 0.005	0.31	0.14	0.007	0.007	< 0.005	0.11	< 0.005	< 0.005	0.019	0.025
Lead (Pb)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Manganese (Mn)	0.12	0.11	0.069	0.088	0.072	0.068	0.083	0.044	0.13	0.04	0.078	< 0.001	0.027	0.027
Mercury (Hg)	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	< 0.0001	-	-	-
Zinc (Zn)	-	-	-	< 0.005	-	-	-	0.016	-	-	0.012	-	-	-
Total Phenols	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Toluene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Ethylbenzene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
meta- & para-Xylene	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
ortho-Xylene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Total Xylenes	-	-	-	< 1.5	-	-	-	< 1.5	-	-	< 1.5	-	-	-
Sum of BTEX	-	-	-	< 3	-	-	-	< 3	-	-	< 3	-	-	-
Naphthalene	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-
Naphthalene (VOC)	-	-	-	-	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
TRH C6-C10 less BTEX (F1)	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-
TRH >C10-C16	-	-	-	< 60	-	-	-	< 60	-	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	-	-	-	< 60	-	-	-	< 60	-	-	< 60	-	-	-
TRH >C16-C34 (F3)	-	-	-	< 500	-	-	-	< 500	-	-	< 500	-	-	-
TRH >C34-C40 (F4)	-	-	-	< 500	-	-	-	< 500	-	-	< 500	-	-	-
TRH C10-C40	-	-	-	< 320	-	-	-	< 320	-	-	< 320	-	-	-
TRH C6-C9	-	-	-	< 40	-	-	-	< 40	-	-	< 40	-	-	-
TRH C10-C14	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
TRH C29-C36	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
TRH C37-C40	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
1-methylnaphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
2-methylnaphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Acenaphthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Acenaphthylene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(a)anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(a)pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(ghi)perylene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(k)fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Chrysene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Fluorene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Phenanthrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Naphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Total PAHs	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Azinphos-methyl	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Bromophos Ethyl	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Diazinon (Dimpylate)	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Dichlorvos	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Dimethoate	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Ethion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Fenitrothion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Malathion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Methidathion	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Aldrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha Chlordane	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha Endosulfan	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Beta BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Beta Endosulfan	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
Delta BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Dieldrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endosulfan sulphate	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin aldehyde	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin ketone	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Gamma Chlordane	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Heptachlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Heptachlor epoxide	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Isodrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Lindane (gamma BHC)	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Methoxychlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Mirex	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDD	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDE	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDT	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDD	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDE	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDT	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
trans-Nonachlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Total OC Pesticides	-	-	-	-	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1016	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1221	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1232	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1242	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1248	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1254	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1260	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1262	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1268	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Total Polychlorinated biphenyls	-	-	-	< 5	-	-	-	< 5	-	-	< 5	-	-	-

milligrams per litre
 micrograms per litre
 limit of reporting
 primary sample

F LABORATORY ANALYSIS

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 2	Bore 2
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	19/03/2025	11/06/2025	29/09/2025	16/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	7.3	6.9	7.3	6.7	6.6	7	6.6	8.1	6.7	6.8	6.5	6.8	6.9	6.9
Electrical Conductivity (Lab)	-	900	-	-	-	870	-	-	-	810	-	-	590	-
Biochemical Oxygen Demand (BOD5)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	11	< 5	< 5	< 5	-
Total Dissolved Solids	-	580	-	-	-	550	-	-	-	560	-	-	330	-
Total Suspended Solids	450	160	470	380	150	180	450	810	900	760	780	180	< 5	10
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	< 1	-	-	-	-	-
Total Alkalinity as CaCO3	250	180	240	170	210	180	170	320	190	200	170	190	190	190
Chloride	140	150	140	150	150	150	160	130	160	170	150	140	67	73
Fluoride	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.19	-	< 0.1	0.11	0.19	0.2	0.18
Sulfate (SO4)	36	28	35	26	25	28	30	43	28	37	29	29	23	24
Calcium (Ca)	64	53	72	51	53	56	54	120	64	-	54	59	22	24
Magnesium (Mg)	22	26	25	26	28	28	28	31	29	25	27	27	19	18
Potassium (K)	2.9	3.6	2.7	4.2	3	5.6	3.1	3	-	3.7	2.8	2.5	2.4	2.2
Sodium (Na)	73	87	80	84	79	86	91	94	89	-	84	81	70	73
Total Organic Carbon	1.7	7.6	2.6	2	0.9	2.6	1.4	6.1	0.8	6.3	0.7	2.4	2.6	0.7
Ammonia (NH3) as N	0.03	0.17	< 0.01	0.01	0.01	0.26	< 0.01	< 0.01	< 0.01	0.01	0.67	0.014	0.07	0.02
Nitrate (NO3) as N	2.8	3.2	3.1	3.1	2.8	3	2.9	2.7	2.6	2.1	3.3	3.3	0.3	0.19
Nitrite (NO2) as N	0.018	0.013	< 0.005	< 0.005	0.012	< 0.005	< 0.005	0.007	0.018	0.11	0.012	0.018	0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	2.8	3.2	3.1	3.1	2.8	3	2.9	2.7	-	2.2	3.3	3.3	0.31	0.19
Total Phosphorus	-	0.56	-	-	-	0.24	-	-	-	0.56	-	-	0.04	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	-	0.016	-	-	-	< 0.005	-	-	-	< 0.005	-	-	0.006	-
Arsenic (As)	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-
Barium (Ba)	-	0.051	-	-	-	0.084	-	-	-	0.066	-	-	0.037	-
Cadmium (Cd)	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	0.0001	-
Chromium (Cr)	-	< 0.001	-	-	-	< 0.001	-	-	-	0.005	-	-	< 0.001	-
Cobalt (Co)	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-
Copper (Cu)	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-
Hexavalent Chromium (Cr-VI)	-	< 0.004	-	-	-	< 0.004	-	-	-	< 0.004	-	-	< 0.004	-
Iron (Fe)	< 0.005	< 0.005	< 0.005	< 0.005	0.025	< 0.005	3.9	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.014	< 0.005
Lead (Pb)	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	0.003	-
Manganese (Mn)	< 0.001	0.048	0.021	0.03	0.023	0.023	0.067	0.026	0.044	< 0.001	0.057	0.066	0.12	0.092
Mercury (Hg)	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	< 0.0001	-
Zinc (Zn)	-	0.022	-	-	-	0.017	-	-	-	0.013	-	-	0.012	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01
Benzene	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Toluene	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Ethylbenzene	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
meta- & para-Xylene	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
ortho-Xylene	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Total Xylenes	-	< 1.5	-	-	-	< 1.5	-	-	-	< 1.5	-	-	< 1.5	-
Sum of BTEX	-	< 3	-	-	-	< 3	-	-	-	< 3	-	-	< 3	-
Naphthalene	-	-	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.5	-
Naphthalene (VOC)	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	< 0.5	-	-	< 0.5	-
TRH C6-C10	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 2	Bore 2
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	19/03/2025	11/06/2025	29/09/2025	16/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
TRH C6-C10 less BTEX (F1)	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-
TRH >C10-C16	-	< 60	-	-	-	< 60	-	-	-	< 50	-	-	< 60	-
TRH >C10-C16 less Naphthalene (F2)	-	< 60	-	-	-	< 60	-	-	-	< 50	-	-	< 60	-
TRH >C16-C34 (F3)	-	< 500	-	-	-	< 500	-	-	-	< 100	-	-	< 500	-
TRH >C34-C40 (F4)	-	< 500	-	-	-	< 500	-	-	-	< 100	-	-	< 500	-
TRH C10-C40	-	< 320	-	-	-	< 320	-	-	-	< 50	-	-	< 650	-
TRH C6-C9	-	< 40	-	-	-	< 40	-	-	-	< 40	-	-	< 40	-
TRH C10-C14	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	< 50	-	-	< 450	-
TRH C15-C28	-	< 200	-	-	-	< 200	-	-	-	< 100	-	-	< 200	-
TRH C29-C36	-	< 200	-	-	-	< 200	-	-	-	< 100	-	-	< 200	-
TRH C37-C40	-	< 200	-	-	-	< 200	-	-	-	-	-	-	< 200	-
1-methylnaphthalene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
2-methylnaphthalene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Acenaphthene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Acenaphthylene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Anthracene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(a)anthracene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(a)pyrene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(b&j)fluoranthene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(ghi)perylene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(k)fluoranthene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Chrysene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Dibenzo(ah)anthracene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Fluoranthene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Fluorene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Indeno(1,2,3-cd)pyrene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Phenanthrene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Pyrene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Naphthalene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.5	-	-	< 0.1	-
Total PAHs	-	< 1	-	-	-	< 1	-	-	-	< 0.5	-	-	< 1	-
Azinphos-methyl	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Bromophos Ethyl	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Diazinon (Dimpylate)	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Dichlorvos	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Dimethoate	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Ethion	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Fenitrothion	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Malathion	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Methidathion	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-
Parathion-ethyl (Parathion)	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.5	-	-	< 0.2	-
Aldrin	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Alpha BHC	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Alpha Chlordane	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Alpha Endosulfan	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Beta BHC	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Beta Endosulfan	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-

	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 1	Bore 2	Bore 2
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	19/03/2025	11/06/2025	29/09/2025	16/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
Delta BHC	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Dieldrin	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Endosulfan sulphate	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Endrin	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Endrin aldehyde	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Endrin ketone	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Gamma Chlordane	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Heptachlor	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Heptachlor epoxide	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Hexachlorobenzene (HCB)	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Isodrin	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Lindane (gamma BHC)	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Methoxychlor	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
Mirex	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
o,p'-DDD	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
o,p'-DDE	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
o,p'-DDT	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
p,p'-DDD	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
p,p'-DDE	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
p,p'-DDT	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.2	-	-	< 0.1	-
trans-Nonachlor	-	< 0.1	-	-	-	< 0.1	-	-	-	-	-	-	< 0.1	-
Total OC Pesticides	-	< 1	-	-	-	< 1	-	-	-	< 0.2	-	-	-	-
Arochlor 1016	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1221	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1232	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1242	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1248	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1254	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1260	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-
Arochlor 1262	-	< 1	-	-	-	< 1	-	-	-	-	-	-	< 1	-
Arochlor 1268	-	< 1	-	-	-	< 1	-	-	-	-	-	-	< 1	-
Total Polychlorinated biphenyls	-	< 5	-	-	-	< 5	-	-	-	< 5	-	-	< 5	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.5	7	6.8	6.7	6.7	6.7	6.8	6.6	6.8	6.5	6.7	6.7	6.9	6.8
Electrical Conductivity (Lab)	-	-	620	-	-	540	650	-	-	-	670	-	-	-
Biochemical Oxygen Demand (BOD5)	-	-	< 5	-	-	-	< 5	-	-	-	< 5	-	-	-
Total Dissolved Solids	-	-	320	-	-	-	340	-	-	-	360	-	-	-
Total Suspended Solids	35	14	10	11	20	9	15	7	26	17	7	13	550	27
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	< 1	-	< 1	-	-	-	-	-
Total Alkalinity as CaCO3	170	180	180	170	180	-	170	170	180	170	170	180	240	200
Chloride	67	72	68	73	87	-	91	84	78	79	92	96	99	95
Fluoride	0.19	0.19	0.19	0.12	0.18	-	< 0.1	< 0.1	< 0.1	0.17	0.15	0.15	0.14	0.24
Sulfate (SO4)	23	24	23	22	27	-	24	24	26	25	23	26	26	30
Calcium (Ca)	22	22	23	25	24	-	27	26	26	24	29	32	40	23
Magnesium (Mg)	18	18	19	19	18	-	20	17	20	18	21	20	22	21
Potassium (K)	2	1.9	2	2.1	2.1	2.3	5.3	2.2	4.5	2.4	2.5	2.6	3.2	2.9
Sodium (Na)	72	74	59	75	73	-	79	73	82	81	82	82	97	100
Total Organic Carbon	1.7	0.7	0.7	0.8	0.6	< 0.2	6.4	0.4	3.1	0.9	0.9	1	1.7	2.7
Ammonia (NH3) as N	0.02	< 0.01	0.03	0.06	0.02	< 0.01	0.02	0.04	0.06	0.01	0.03	0.01	0.04	< 0.01
Nitrate (NO3) as N	0.13	0.062	0.12	0.044	0.071	< 0.005	0.44	0.53	0.22	0.2	0.84	0.91	0.86	0.042
Nitrite (NO2) as N	< 0.005	0.009	0.006	0.009	0.007	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005
Total Oxidised Nitrogen, NOx-N	0.13	0.071	0.12	0.053	0.078	-	0.44	0.53	0.23	0.2	0.84	0.92	0.87	0.044
Total Phosphorus	-	-	0.07	-	-	-	0.13	-	-	-	0.05	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
Aluminium (Al)	-	-	< 0.005	-	-	-	0.017	-	-	-	< 0.005	-	-	-
Arsenic (As)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Barium (Ba)	-	-	0.031	-	-	-	0.037	-	-	-	0.037	-	-	-
Cadmium (Cd)	-	-	< 0.0001	-	-	-	0.0002	-	-	-	< 0.0001	-	-	-
Chromium (Cr)	-	-	< 0.001	-	-	-	0.002	-	-	-	< 0.001	-	-	-
Cobalt (Co)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Copper (Cu)	-	-	< 0.001	-	-	-	0.002	-	-	-	< 0.001	-	-	-
Hexavalent Chromium (Cr-VI)	-	-	< 0.004	-	-	-	< 0.004	-	-	-	< 0.004	-	-	-
Iron (Fe)	0.006	< 0.005	< 0.005	0.006	0.005	-	0.031	< 0.005	0.007	< 0.005	< 0.005	< 0.005	0.089	0.017
Lead (Pb)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Manganese (Mn)	0.078	0.089	0.044	0.032	0.037	-	0.031	0.013	0.03	0.016	0.019	0.009	0.039	0.14
Mercury (Hg)	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-
Zinc (Zn)	-	-	0.01	-	-	-	0.022	-	-	-	0.009	-	-	-
Total Phenols	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Toluene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethylbenzene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
meta- & para-Xylene	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
ortho-Xylene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Total Xylenes	-	-	< 1.5	-	-	-	< 1.5	-	-	-	< 1.5	-	-	-
Sum of BTEX	-	-	< 3	-	-	-	< 3	-	-	-	< 3	-	-	-
Naphthalene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Naphthalene (VOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene (FO)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
TRH C6-C10 less BTEX (F1)	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH >C10-C16	-	-	< 60	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	-	-	< 60	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C16-C34 (F3)	-	-	< 500	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH >C34-C40 (F4)	-	-	< 500	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH C10-C40	-	-	< 650	-	-	-	< 320	-	-	-	< 320	-	-	-
TRH C6-C9	-	-	< 40	-	-	-	< 40	-	-	-	< 40	-	-	-
TRH C10-C14	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH C10-C36	-	-	< 450	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C29-C36	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C37-C40	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
1-methylnaphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
2-methylnaphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthylene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(ghi)perylene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(k)fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Chrysene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluorene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Phenanthrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Naphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total PAHs	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Azinphos-methyl	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Bromophos Ethyl	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Diazinon (Dimpylate)	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dichlorvos	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dimethoate	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Fenitrothion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Malathion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Methidathion	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Aldrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Chlordane	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Endosulfan	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta Endosulfan	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
Delta BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dieldrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endosulfan sulphate	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin aldehyde	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin ketone	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Gamma Chlordane	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor epoxide	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Isodrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Lindane (gamma BHC)	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Methoxychlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Mirex	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDD	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDE	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDT	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDD	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDE	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDT	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
trans-Nonachlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total OC Pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arochlor 1016	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1221	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1232	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1242	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1248	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1254	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1260	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1262	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1268	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Total Polychlorinated biphenyls	-	-	< 5	-	-	-	< 5	-	-	-	< 5	-	-	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.5	6.3	6.3	6.6	7	6.5	6.6	6.5	6.8	6.8	6.9	6.6	7	6.5
Electrical Conductivity (Lab)	510	-	-	680	-	-	-	-	670	-	-	-	660	-
Biochemical Oxygen Demand (BOD5)	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Dissolved Solids	360	-	-	390	-	-	-	-	380	-	-	-	370	-
Total Suspended Solids	6	< 5	< 5	5	160	140	59	63	93	120	54	73	41	140
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Alkalinity as CaCO3	170	150	170	160	190	160	190	170	180	190	190	200	180	160
Chloride	85	110	77	110	69	80	70	84	93	77	69	75	92	110
Fluoride	< 0.1	0.14	0.18	0.13	0.21	< 0.1	0.17	0.17	0.31	0.14	0.1	< 0.1	< 0.1	0.11
Sulfate (SO4)	24	26	24	24	25	26	24	23	24	25	24	22	26	28
Calcium (Ca)	27	32	24	33	24	24	23	27	29	24	24	24	29	33
Magnesium (Mg)	20	21	20	23	19	20	19	19	21	19	19	20	21	22
Potassium (K)	2.5	2.5	2.9	2.8	2.7	2.7	5.2	3.2	2.9	2.4	2.3	4.2	3.5	3.1
Sodium (Na)	81	83	87	82	74	78	77	70	77	76	77	73	78	79
Total Organic Carbon	0.6	0.6	1.6	0.7	4.2	8	3.4	2	5.6	0.9	1.6	0.9	2.4	1.3
Ammonia (NH3) as N	0.03	0.02	< 0.01	0.11	0.37	0.04	0.03	0.05	0.21	< 0.01	< 0.01	0.01	0.02	< 0.01
Nitrate (NO3) as N	0.28	1.4	0.1	1.5	0.12	0.24	0.036	0.84	0.92	0.33	0.075	0.053	0.7	1.1
Nitrite (NO2) as N	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.007	< 0.005	0.006	< 0.005	< 0.005	0.013	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	0.28	1.4	0.1	1.5	0.12	0.24	0.043	0.84	0.92	0.33	0.078	0.066	0.7	1.1
Total Phosphorus	0.05	-	-	0.08	-	-	-	-	0.69	-	-	-	0.23	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	< 0.005	-	-	< 0.005	-	-	-	-	< 0.005	-	-	-	0.006	-
Arsenic (As)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Barium (Ba)	0.04	-	-	0.04	-	-	-	-	0.021	-	-	-	0.038	-
Cadmium (Cd)	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-
Chromium (Cr)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Cobalt (Co)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Copper (Cu)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Hexavalent Chromium (Cr-VI)	< 0.004	-	-	< 0.004	-	-	-	-	< 0.004	-	-	-	< 0.004	-
Iron (Fe)	0.013	< 0.005	0.013	0.008	0.038	0.065	0.2	< 0.005	< 0.005	< 0.005	0.09	0.021	< 0.005	1.1
Lead (Pb)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Manganese (Mn)	0.026	0.014	0.017	0.023	0.036	0.043	0.1	0.025	0.029	0.05	0.049	0.12	0.026	0.041
Mercury (Hg)	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-
Zinc (Zn)	0.012	-	-	0.013	-	-	-	-	0.022	-	-	-	0.014	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Toluene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Ethylbenzene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
meta- & para-Xylene	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
ortho-Xylene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Total Xylenes	< 1.5	-	-	< 1.5	-	-	-	-	< 1.5	-	-	-	< 1.5	-
Sum of BTEX	< 3	-	-	< 3	-	-	-	-	< 3	-	-	-	< 3	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-
Naphthalene (VOC)	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025
TRH C6-C10 less BTEX (F1)	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-
TRH >C10-C16	< 60	-	-	< 60	-	-	-	-	< 60	-	-	-	< 60	-
TRH >C10-C16 less Naphthalene (F2)	< 60	-	-	< 60	-	-	-	-	< 60	-	-	-	< 60	-
TRH >C16-C34 (F3)	< 500	-	-	< 500	-	-	-	-	< 500	-	-	-	< 500	-
TRH >C34-C40 (F4)	< 500	-	-	< 500	-	-	-	-	< 500	-	-	-	< 500	-
TRH C10-C40	< 320	-	-	< 320	-	-	-	-	< 320	-	-	-	< 320	-
TRH C6-C9	< 40	-	-	< 40	-	-	-	-	< 40	-	-	-	< 40	-
TRH C10-C14	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	< 200	-
TRH C29-C36	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	< 200	-
TRH C37-C40	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	< 200	-
1-methylnaphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
2-methylnaphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Acenaphthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Acenaphthylene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(a)anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(a)pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(b&j)fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(ghi)perylene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(k)fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Chrysene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Dibenzo(ah)anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Fluorene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Indeno(1,2,3-cd)pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Phenanthrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Naphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Total PAHs	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Azinphos-methyl	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Bromophos Ethyl	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Chlorpyrifos (Chlorpyrifos Ethyl)	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Diazinon (Dimpylate)	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Dichlorvos	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Dimethoate	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Ethion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Fenitrothion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Malathion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Methidathion	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Parathion-ethyl (Parathion)	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Aldrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha Chlordane	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha Endosulfan	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Beta BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Beta Endosulfan	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025
Delta BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Dieldrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endosulfan sulphate	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin aldehyde	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin ketone	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Gamma Chlordane	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Heptachlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Heptachlor epoxide	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Hexachlorobenzene (HCB)	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Isodrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Lindane (gamma BHC)	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Methoxychlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Mirex	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDD	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDE	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDT	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDD	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDE	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDT	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
trans-Nonachlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Total OC Pesticides	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1016	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1221	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1232	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1242	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1248	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1254	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1260	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1262	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1268	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Total Polychlorinated biphenyls	< 5	-	-	< 5	-	-	-	-	< 5	-	-	-	< 5	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	11/06/2025	29/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.8	6.8	6.8	6.5	6.9	7	7	6.6	7.1	6.9	6.8	6.8	6.8	6.9
Electrical Conductivity (Lab)	-	-	610	-	-	720	-	-	-	750	-	-	630	740
Biochemical Oxygen Demand (BOD5)	< 5	< 5	< 5	< 5	< 5	< 5	-	-	-	< 5	-	-	-	< 5
Total Dissolved Solids	-	-	370	-	-	360	-	-	-	350	-	-	-	360
Total Suspended Solids	36	74	110	69	31	< 5	6	7	10	< 5	12	15	7	11
Carbonate Alkalinity as CaCO3	-	< 1	-	-	-	-	-	-	-	-	-	-	-	< 1
Total Alkalinity as CaCO3	200	190	170	150	200	220	220	200	210	200	210	210	-	200
Chloride	74	78	97	100	70	92	95	91	94	88	82	97	-	93
Fluoride	0.26	-	< 0.1	0.12	0.27	0.22	0.19	0.19	0.19	0.21	0.16	0.17	-	< 0.1
Sulfate (SO4)	26	25	32	26	24	29	30	29	30	28	26	31	-	30
Calcium (Ca)	30	27	-	32	25	22	23	22	21	21	23	22	-	24
Magnesium (Mg)	22	20	20	20	18	20	20	19	20	20	20	19	-	21
Potassium (K)	2.8	-	3	2.5	2.4	2.3	2.7	2.3	2.2	2.3	2.4	2.4	2.7	3.3
Sodium (Na)	89	80	-	74	75	98	100	98	98	98	95	96	-	100
Total Organic Carbon	1.5	3.5	2.1	1.6	2.9	2.4	0.7	0.8	0.5	0.5	0.9	1.4	< 0.2	1.5
Ammonia (NH3) as N	< 0.01	< 0.01	0.01	0.013	0.015	0.05	0.05	0.05	< 0.01	0.03	0.03	0.02	< 0.01	< 0.01
Nitrate (NO3) as N	0.056	0.12	0.73	1.4	0.25	0.094	0.051	0.062	0.013	0.012	0.018	0.093	0.028	0.039
Nitrite (NO2) as N	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	0.057	-	0.73	1.4	0.26	0.096	0.053	0.063	0.017	0.015	0.02	0.097	-	0.041
Total Phosphorus	-	-	0.31	-	-	0.14	-	-	-	0.16	-	-	-	0.12
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	< 0.05	-
Aluminium (Al)	-	-	0.081	-	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005
Arsenic (As)	-	-	< 0.001	-	-	0.001	-	-	-	0.001	-	-	-	< 0.001
Barium (Ba)	-	-	0.038	-	-	0.049	-	-	-	0.045	-	-	-	0.046
Cadmium (Cd)	-	-	< 0.0001	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001
Chromium (Cr)	-	-	0.002	-	-	< 0.001	-	-	-	< 0.001	-	-	-	0.002
Cobalt (Co)	-	-	< 0.001	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
Copper (Cu)	-	-	< 0.001	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
Hexavalent Chromium (Cr-VI)	-	-	< 0.004	-	-	< 0.004	-	-	-	< 0.004	-	-	-	< 0.004
Iron (Fe)	0.009	0.035	0.052	0.026	0.077	0.27	0.007	0.32	0.08	0.18	0.01	0.98	-	0.14
Lead (Pb)	-	-	0.002	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001
Manganese (Mn)	0.024	0.022	0.01	0.019	0.028	0.12	0.13	0.13	0.12	0.13	0.13	0.12	-	0.13
Mercury (Hg)	-	-	< 0.0001	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001
Zinc (Zn)	-	-	0.019	-	-	< 0.005	-	-	-	0.007	-	-	-	0.011
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	< 0.01
Benzene	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Toluene	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Ethylbenzene	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
meta- & para-Xylene	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
ortho-Xylene	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Total Xylenes	-	-	< 1.5	-	-	< 1.5	-	-	-	< 1.5	-	-	-	< 1.5
Sum of BTEX	-	-	< 3	-	-	< 3	-	-	-	< 3	-	-	-	< 3
Naphthalene	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Naphthalene (VOC)	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-	-
Benzene (F0)	-	-	< 0.5	-	-	< 0.5	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	< 50	-	-	< 50	-	-	-	< 50	-	-	-	< 50

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	11/06/2025	29/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
TRH C6-C10 less BTEX (F1)	-	-	< 50	-	-	< 50	-	-	-	< 50	-	-	-	< 50
TRH >C10-C16	-	-	< 50	-	-	< 60	-	-	-	< 60	-	-	-	< 60
TRH >C10-C16 less Naphthalene (F2)	-	-	< 50	-	-	< 60	-	-	-	< 60	-	-	-	< 60
TRH >C16-C34 (F3)	-	-	< 100	-	-	< 500	-	-	-	< 500	-	-	-	< 500
TRH >C34-C40 (F4)	-	-	< 100	-	-	< 500	-	-	-	< 500	-	-	-	< 500
TRH C10-C40	-	-	< 50	-	-	< 650	-	-	-	< 650	-	-	-	< 320
TRH C6-C9	-	-	< 40	-	-	< 40	-	-	-	< 40	-	-	-	< 40
TRH C10-C14	-	-	< 50	-	-	< 50	-	-	-	< 50	-	-	-	< 50
TRH C10-C36	-	-	< 50	-	-	< 450	-	-	-	< 450	-	-	-	-
TRH C15-C28	-	-	< 100	-	-	< 200	-	-	-	< 200	-	-	-	< 200
TRH C29-C36	-	-	< 100	-	-	< 200	-	-	-	< 200	-	-	-	< 200
TRH C37-C40	-	-	-	-	-	< 200	-	-	-	< 200	-	-	-	< 200
1-methylnaphthalene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
2-methylnaphthalene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Acenaphthene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Acenaphthylene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Anthracene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Benzo(a)anthracene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Benzo(a)pyrene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Benzo(b&j)fluoranthene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Benzo(ghi)perylene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Benzo(k)fluoranthene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Chrysene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Dibenzo(ah)anthracene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Fluoranthene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Fluorene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Indeno(1,2,3-cd)pyrene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Phenanthrene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Pyrene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Naphthalene	-	-	< 0.5	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Total PAHs	-	-	< 0.5	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Azinphos-methyl	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Bromophos Ethyl	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Diazinon (Dimpylate)	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Dichlorvos	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Dimethoate	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Ethion	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Fenitrothion	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Malathion	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Methidathion	-	-	< 0.5	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5
Parathion-ethyl (Parathion)	-	-	< 0.5	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2
Aldrin	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Alpha BHC	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Alpha Chlordane	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Alpha Endosulfan	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Beta BHC	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Beta Endosulfan	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1

	Bore 2	Bore 2	Bore 2	Bore 2	Bore 2	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	11/06/2025	29/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020
Delta BHC	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Dieldrin	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Endosulfan sulphate	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Endrin	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Endrin aldehyde	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Endrin ketone	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Gamma Chlordane	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Heptachlor	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Heptachlor epoxide	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Hexachlorobenzene (HCB)	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Isodrin	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Lindane (gamma BHC)	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Methoxychlor	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Mirex	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
o,p'-DDD	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
o,p'-DDE	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
o,p'-DDT	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
p,p'-DDD	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
p,p'-DDE	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
p,p'-DDT	-	-	< 0.2	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
trans-Nonachlor	-	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1
Total OC Pesticides	-	-	< 0.2	-	-	-	-	-	-	-	-	-	-	-
Arochlor 1016	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1221	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1232	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1242	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1248	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1254	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1260	-	-	< 1	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1262	-	-	-	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Arochlor 1268	-	-	-	-	-	< 1	-	-	-	< 1	-	-	-	< 1
Total Polychlorinated biphenyls	-	-	< 5	-	-	< 5	-	-	-	< 5	-	-	-	< 5

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.8	6.9	6.6	7	6.9	6.8	6.6	6.6	6.5	6.5	6.9	6.9	6.6	6.8
Electrical Conductivity (Lab)	-	-	-	730	-	-	-	560	-	-	720	-	-	-
Biochemical Oxygen Demand (BOD5)	-	-	-	< 5	-	-	-	-	-	< 5	< 5	< 5	< 5	< 5
Total Dissolved Solids	-	-	-	380	-	-	-	400	-	-	410	-	-	-
Total Suspended Solids	8	22	18	9	13	26	< 5	11	< 5	< 5	15	140	160	81
Carbonate Alkalinity as CaCO3	-	< 1	-	-	-	-	-	-	-	-	-	-	-	-
Total Alkalinity as CaCO3	210	200	220	210	220	220	170	210	190	200	220	220	190	200
Chloride	91	89	93	83	93	89	79	88	88	92	90	85	84	91
Fluoride	< 0.2	< 0.1	0.23	0.22	0.23	0.23	0.19	< 0.1	0.24	0.23	0.27	0.26	< 0.1	0.21
Sulfate (SO4)	29	30	30	28	31	29	25	29	30	30	30	29	27	30
Calcium (Ca)	22	23	22	23	26	25	25	23	23	22	24	24	22	21
Magnesium (Mg)	19	21	20	21	21	22	19	21	21	22	22	23	21	20
Potassium (K)	2.6	3.9	3	2.7	3	3.2	2.4	2.8	3	3.4	3.3	3.5	3.2	4.6
Sodium (Na)	96	110	110	110	110	110	79	110	110	110	110	110	100	99
Total Organic Carbon	0.9	4.1	1.9	0.6	0.8	2.2	1.6	0.5	0.3	0.7	1.4	4.2	6	5.4
Ammonia (NH3) as N	0.05	0.03	< 0.01	0.04	0.01	0.01	< 0.01	0.02	0.02	< 0.01	0.11	< 0.01	0.05	0.05
Nitrate (NO3) as N	0.027	0.078	0.018	0.034	0.038	0.11	0.009	0.017	0.006	0.015	0.23	< 0.005	0.082	0.044
Nitrite (NO2) as N	< 0.005	0.014	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	0.03	0.091	0.02	0.037	0.038	0.11	0.014	0.016	0.007	0.013	0.23	< 0.005	0.087	0.046
Total Phosphorus	-	-	-	0.1	-	-	-	0.13	-	-	0.92	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	-	-	-	< 0.005	-	-	-	< 0.005	-	-	< 0.005	-	-	-
Arsenic (As)	-	-	-	0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Barium (Ba)	-	-	-	0.049	-	-	-	0.047	-	-	0.042	-	-	-
Cadmium (Cd)	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	< 0.0001	-	-	-
Chromium (Cr)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Cobalt (Co)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Copper (Cu)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Hexavalent Chromium (Cr-VI)	-	-	-	< 0.004	-	-	-	< 0.004	-	-	< 0.004	-	-	-
Iron (Fe)	< 0.005	0.57	0.53	1.4	0.73	0.76	< 0.005	< 0.005	< 0.005	0.7	0.012	1.5	0.015	0.009
Lead (Pb)	-	-	-	< 0.001	-	-	-	< 0.001	-	-	< 0.001	-	-	-
Manganese (Mn)	0.13	0.1	0.089	0.12	0.11	0.13	0.019	0.15	0.15	0.14	0.11	0.14	0.19	0.14
Mercury (Hg)	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	< 0.0001	-	-	-
Zinc (Zn)	-	-	-	0.006	-	-	-	0.01	-	-	0.02	-	-	-
Total Phenols	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.04	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Toluene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Ethylbenzene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
meta- & para-Xylene	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
ortho-Xylene	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Total Xylenes	-	-	-	< 1.5	-	-	-	< 1.5	-	-	< 1.5	-	-	-
Sum of BTEX	-	-	-	< 3	-	-	-	< 3	-	-	< 3	-	-	-
Naphthalene	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-	-
Naphthalene (VOC)	-	-	-	-	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
TRH C6-C10 less BTEX (F1)	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-
TRH >C10-C16	-	-	-	< 60	-	-	-	< 60	-	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	-	-	-	< 60	-	-	-	< 60	-	-	< 60	-	-	-
TRH >C16-C34 (F3)	-	-	-	< 500	-	-	-	< 500	-	-	< 500	-	-	-
TRH >C34-C40 (F4)	-	-	-	< 500	-	-	-	< 500	-	-	< 500	-	-	-
TRH C10-C40	-	-	-	< 320	-	-	-	< 320	-	-	< 320	-	-	-
TRH C6-C9	-	-	-	< 40	-	-	-	< 40	-	-	< 40	-	-	-
TRH C10-C14	-	-	-	< 50	-	-	-	< 50	-	-	< 50	-	-	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
TRH C29-C36	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
TRH C37-C40	-	-	-	< 200	-	-	-	< 200	-	-	< 200	-	-	-
1-methylnaphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
2-methylnaphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Acenaphthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Acenaphthylene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(a)anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(a)pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(ghi)perylene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Benzo(k)fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Chrysene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Fluoranthene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Fluorene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Phenanthrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Pyrene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Naphthalene	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Total PAHs	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Azinphos-methyl	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Bromophos Ethyl	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Diazinon (Dimpylate)	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Dichlorvos	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Dimethoate	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Ethion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Fenitrothion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Malathion	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Methidathion	-	-	-	< 0.5	-	-	-	< 0.5	-	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	-	-	-	< 0.2	-	-	-	< 0.2	-	-	< 0.2	-	-	-
Aldrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha Chlordane	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Alpha Endosulfan	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Beta BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Beta Endosulfan	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3
	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023
Delta BHC	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Dieldrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endosulfan sulphate	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin aldehyde	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Endrin ketone	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Gamma Chlordane	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Heptachlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Heptachlor epoxide	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Isodrin	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Lindane (gamma BHC)	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Methoxychlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Mirex	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDD	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDE	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
o,p'-DDT	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDD	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDE	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
p,p'-DDT	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
trans-Nonachlor	-	-	-	< 0.1	-	-	-	< 0.1	-	-	< 0.1	-	-	-
Total OC Pesticides	-	-	-	-	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1016	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1221	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1232	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1242	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1248	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1254	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1260	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1262	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Arochlor 1268	-	-	-	< 1	-	-	-	< 1	-	-	< 1	-	-	-
Total Polychlorinated biphenyls	-	-	-	< 5	-	-	-	< 5	-	-	< 5	-	-	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 5	Bore 5
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	11/12/2024	16/09/2024	19/03/2025	11/06/2025	24/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.7	6.9	6.8	6.9	7.1	6.7	6.7	6.9	7.3	6.9	6.7	6.9	7.1	7.1
Electrical Conductivity (Lab)	-	760	-	-	720	-	-	-	-	670	-	-	1300	-
Biochemical Oxygen Demand (BOD5)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	-
Total Dissolved Solids	-	420	-	-	400	-	-	-	-	380	-	-	700	-
Total Suspended Solids	78	250	190	100	180	82	95	150	180	190	150	110	< 5	< 5
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	< 1	-	-	-	-	-
Total Alkalinity as CaCO3	220	220	220	230	210	210	220	210	210	210	200	220	180	180
Chloride	82	94	90	86	92	85	96	90	96	94	90	84	270	280
Fluoride	0.25	0.29	0.18	0.12	0.25	< 0.1	0.43	0.32	-	< 0.1	0.21	0.32	0.17	0.12
Sulfate (SO4)	27	29	30	28	29	25	32	29	30	36	31	28	40	42
Calcium (Ca)	22	24	22	23	24	22	24	27	23	-	23	23	48	53
Magnesium (Mg)	19	21	20	20	21	21	22	24	20	20	20	19	38	37
Potassium (K)	3.3	6.4	3.1	4.8	5.2	4.7	3.3	3.3	-	4.2	3	2.6	3	3.7
Sodium (Na)	92	100	99	98	98	87	110	110	100	-	97	96	150	160
Total Organic Carbon	2	4.2	0.7	2.2	1.9	1.4	1	1.1	6.7	1.9	1.8	0.7	1.9	0.6
Ammonia (NH3) as N	< 0.01	0.12	< 0.01	0.01	0.01	0.01	< 0.01	0.01	< 0.01	0.02	< 0.005	0.015	< 0.01	0.03
Nitrate (NO3) as N	0.05	0.12	0.027	0.023	0.019	< 0.005	0.019	0.023	< 0.005	0.085	0.061	0.13	3.4	3.5
Nitrite (NO2) as N	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.007	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	0.051	0.12	0.027	0.025	0.02	0.007	0.02	0.024	-	0.087	0.064	0.13	3.4	3.5
Total Phosphorus	-	0.63	-	-	0.21	-	-	-	-	0.42	-	-	0.04	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	-	< 0.005	-	-	< 0.005	-	-	-	-	0.014	-	-	< 0.005	-
Arsenic (As)	-	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	< 0.001	-
Barium (Ba)	-	0.035	-	-	0.045	-	-	-	-	0.042	-	-	0.063	-
Cadmium (Cd)	-	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	< 0.0001	-
Chromium (Cr)	-	< 0.001	-	-	< 0.001	-	-	-	-	0.002	-	-	< 0.001	-
Cobalt (Co)	-	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	< 0.001	-
Copper (Cu)	-	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	0.003	-
Hexavalent Chromium (Cr-VI)	-	< 0.004	-	-	< 0.004	-	-	-	-	< 0.004	-	-	< 0.004	-
Iron (Fe)	< 0.005	< 0.005	< 0.005	0.021	< 0.005	0.67	1.1	< 0.005	< 0.005	0.014	0.032	< 0.005	< 0.005	< 0.005
Lead (Pb)	-	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	< 0.001	-
Manganese (Mn)	0.14	0.15	0.13	0.14	0.13	0.14	0.094	0.12	0.14	0.052	0.001	0.13	< 0.001	< 0.001
Mercury (Hg)	-	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	< 0.0001	-
Zinc (Zn)	-	0.022	-	-	0.013	-	-	-	-	0.015	-	-	0.007	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01
Benzene	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Toluene	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Ethylbenzene	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
meta- & para-Xylene	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
ortho-Xylene	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Total Xylenes	-	< 1.5	-	-	< 1.5	-	-	-	-	< 1.5	-	-	< 1.5	-
Sum of BTEX	-	< 3	-	-	< 3	-	-	-	-	< 3	-	-	< 3	-
Naphthalene	-	-	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.5	-
Naphthalene (VOC)	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	< 0.5	-	-	< 0.5	-
TRH C6-C10	-	< 50	-	-	< 50	-	-	-	-	< 50	-	-	< 50	-

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 5	Bore 5
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	11/12/2024	16/09/2024	19/03/2025	11/06/2025	24/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
TRH C6-C10 less BTEX (F1)	-	< 50	-	-	< 50	-	-	-	-	< 50	-	-	< 50	-
TRH >C10-C16	-	< 60	-	-	< 60	-	-	-	-	< 50	-	-	< 60	-
TRH >C10-C16 less Naphthalene (F2)	-	< 60	-	-	< 60	-	-	-	-	< 50	-	-	< 60	-
TRH >C16-C34 (F3)	-	< 500	-	-	< 500	-	-	-	-	< 100	-	-	< 500	-
TRH >C34-C40 (F4)	-	< 500	-	-	< 500	-	-	-	-	< 100	-	-	< 500	-
TRH C10-C40	-	< 320	-	-	< 320	-	-	-	-	< 50	-	-	-	-
TRH C6-C9	-	< 40	-	-	< 40	-	-	-	-	< 40	-	-	< 40	-
TRH C10-C14	-	< 50	-	-	< 50	-	-	-	-	< 50	-	-	< 50	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	< 50	-	-	< 450	-
TRH C15-C28	-	< 200	-	-	< 200	-	-	-	-	< 100	-	-	< 200	-
TRH C29-C36	-	< 200	-	-	< 200	-	-	-	-	< 100	-	-	< 200	-
TRH C37-C40	-	< 200	-	-	< 200	-	-	-	-	-	-	-	< 200	-
1-methylnaphthalene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
2-methylnaphthalene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Acenaphthene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Acenaphthylene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Anthracene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(a)anthracene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(a)pyrene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(b&j)fluoranthene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(ghi)perylene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Benzo(k)fluoranthene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Chrysene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Dibenzo(ah)anthracene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Fluoranthene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Fluorene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Indeno(1,2,3-cd)pyrene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Phenanthrene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Pyrene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Naphthalene	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.5	-	-	< 0.1	-
Total PAHs	-	< 1	-	-	< 1	-	-	-	-	< 0.5	-	-	< 1	-
Azinphos-methyl	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Bromophos Ethyl	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Diazinon (Dimpylate)	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Dichlorvos	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Dimethoate	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Ethion	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Fenitrothion	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Malathion	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Methidathion	-	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-
Parathion-ethyl (Parathion)	-	< 0.2	-	-	< 0.2	-	-	-	-	< 0.5	-	-	< 0.2	-
Aldrin	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Alpha BHC	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Alpha Chlordane	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Alpha Endosulfan	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Beta BHC	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Beta Endosulfan	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-

	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 3	Bore 5	Bore 5
	18/09/2023	20/12/2023	6/03/2024	3/07/2024	11/12/2024	16/09/2024	19/03/2025	11/06/2025	24/09/2025	17/12/2025	11/02/2026	1/07/2026	23/01/2018	28/03/2018
Delta BHC	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Dieldrin	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Endosulfan sulphate	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Endrin	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Endrin aldehyde	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Endrin ketone	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Gamma Chlordane	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Heptachlor	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Heptachlor epoxide	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Hexachlorobenzene (HCB)	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Isodrin	-	< 0.1	-	-	< 0.1	-	-	-	-	-	-	-	< 0.1	-
Lindane (gamma BHC)	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Methoxychlor	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
Mirex	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
o,p'-DDD	-	< 0.1	-	-	< 0.1	-	-	-	-	-	-	-	< 0.1	-
o,p'-DDE	-	< 0.1	-	-	< 0.1	-	-	-	-	-	-	-	< 0.1	-
o,p'-DDT	-	< 0.1	-	-	< 0.1	-	-	-	-	-	-	-	< 0.1	-
p,p'-DDD	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
p,p'-DDE	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
p,p'-DDT	-	< 0.1	-	-	< 0.1	-	-	-	-	< 0.2	-	-	< 0.1	-
trans-Nonachlor	-	< 0.1	-	-	< 0.1	-	-	-	-	-	-	-	< 0.1	-
Total OC Pesticides	-	< 1	-	-	< 1	-	-	-	-	< 0.2	-	-	-	-
Arochlor 1016	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1221	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1232	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1242	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1248	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1254	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1260	-	< 1	-	-	< 1	-	-	-	-	< 1	-	-	< 1	-
Arochlor 1262	-	< 1	-	-	< 1	-	-	-	-	-	-	-	< 1	-
Arochlor 1268	-	< 1	-	-	< 1	-	-	-	-	-	-	-	< 1	-
Total Polychlorinated biphenyls	-	< 5	-	-	< 5	-	-	-	-	< 5	-	-	< 5	-

milligrams per litre
 micrograms per litre
 limit of reporting
 primary sample

F LABORATORY ANALYSIS

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	2/03/2022
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.8	7.2	7	7	6.9	7	7	6.8	7.1	6.7	6.9	7	7	6.3
Electrical Conductivity (Lab)	-	-	1300	-	-	1200	1400	-	-	-	1400	-	-	-
Biochemical Oxygen Demand (BOD5)	-	-	< 5	-	-	-	< 5	-	-	-	< 5	-	-	-
Total Dissolved Solids	-	-	690	-	-	-	800	-	-	-	760	-	-	-
Total Suspended Solids	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	< 1	-	< 1	-	-	-	-	-
Total Alkalinity as CaCO3	170	170	170	180	180	-	180	180	180	150	190	190	190	180
Chloride	270	290	250	250	290	-	300	280	240	210	280	300	290	310
Fluoride	0.13	0.17	0.1	0.14	0.18	-	< 0.1	< 0.2	< 0.1	0.13	0.17	0.18	0.18	0.19
Sulfate (SO4)	41	42	37	37	43	-	42	40	39	31	41	45	44	52
Calcium (Ca)	51	48	47	51	50	-	53	48	49	40	52	57	57	58
Magnesium (Mg)	37	37	36	37	36	-	40	35	36	28	41	41	43	44
Potassium (K)	3.1	3	3.3	3.4	3.3	4.2	3.9	3.3	3.6	3.5	3.9	4.2	4.2	4.2
Sodium (Na)	150	150	140	140	140	-	170	150	150	120	170	170	190	200
Total Organic Carbon	0.6	0.7	0.4	0.4	0.4	0.3	0.5	< 0.2	0.7	0.6	0.5	0.4	0.3	0.3
Ammonia (NH3) as N	< 0.01	< 0.01	0.02	< 0.01	0.02	0.05	< 0.01	0.03	0.02	0.01	0.02	< 0.01	< 0.01	< 0.01
Nitrate (NO3) as N	3.3	3.3	3.2	3	3.4	3.3	3.5	3	2.9	2.5	3.4	3.8	3.6	3.8
Nitrite (NO2) as N	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	3.3	3.3	3.2	3	3.4	-	3.5	3	2.9	2.5	3.4	3.8	3.6	3.8
Total Phosphorus	-	-	0.05	-	-	-	0.08	-	-	-	0.04	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	0.35	-	-	-	-	-	-	-	-
Aluminium (Al)	-	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Arsenic (As)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Barium (Ba)	-	-	0.057	-	-	-	0.066	-	-	-	0.061	-	-	-
Cadmium (Cd)	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-
Chromium (Cr)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Cobalt (Co)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Copper (Cu)	-	-	0.003	-	-	-	0.003	-	-	-	0.002	-	-	-
Hexavalent Chromium (Cr-VI)	-	-	< 0.004	-	-	-	< 0.004	-	-	-	< 0.004	-	-	-
Iron (Fe)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Lead (Pb)	-	-	< 0.001	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Manganese (Mn)	< 0.001	< 0.001	0.002	0.001	0.001	-	0.003	< 0.001	< 0.001	< 0.001	< 0.001	0.002	0.001	0.004
Mercury (Hg)	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-
Zinc (Zn)	-	-	0.02	-	-	-	0.025	-	-	-	0.008	-	-	-
Total Phenols	< 0.01	0.01	< 0.01	< 0.01	< 0.01	-	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05
Benzene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Toluene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethylbenzene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
meta- & para-Xylene	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
ortho-Xylene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Total Xylenes	-	-	< 1.5	-	-	-	< 1.5	-	-	-	< 1.5	-	-	-
Sum of BTEX	-	-	< 3	-	-	-	< 3	-	-	-	< 3	-	-	-
Naphthalene	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Naphthalene (VOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	2/03/2022
TRH C6-C10 less BTEX (F1)	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH >C10-C16	-	-	< 60	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	-	-	< 60	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C16-C34 (F3)	-	-	< 500	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH >C34-C40 (F4)	-	-	< 500	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH C10-C40	-	-	< 650	-	-	-	< 320	-	-	-	< 320	-	-	-
TRH C6-C9	-	-	< 40	-	-	-	< 40	-	-	-	< 40	-	-	-
TRH C10-C14	-	-	< 50	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH C10-C36	-	-	< 450	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C29-C36	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C37-C40	-	-	< 200	-	-	-	< 200	-	-	-	< 200	-	-	-
1-methylnaphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
2-methylnaphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthylene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(ghi)perylene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(k)fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Chrysene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluoranthene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluorene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Phenanthrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Pyrene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Naphthalene	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total PAHs	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Azinphos-methyl	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Bromophos Ethyl	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Diazinon (Dimpylate)	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dichlorvos	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dimethoate	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Fenitrothion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Malathion	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Methidathion	-	-	< 0.5	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	-	-	< 0.2	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Aldrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Chlordane	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Endosulfan	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta Endosulfan	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	27/06/2018	19/09/2018	17/12/2018	26/03/2019	12/06/2019	23/10/2019	15/01/2020	25/03/2020	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	2/03/2022
Delta BHC	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dieldrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endosulfan sulphate	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin aldehyde	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin ketone	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Gamma Chlordane	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor epoxide	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Isodrin	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Lindane (gamma BHC)	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Methoxychlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Mirex	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDD	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDE	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDT	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDD	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDE	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDT	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
trans-Nonachlor	-	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total OC Pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arochlor 1016	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1221	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1232	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1242	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1248	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1254	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1260	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1262	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1268	-	-	< 1	-	-	-	< 1	-	-	-	< 1	-	-	-
Total Polychlorinated biphenyls	-	-	< 5	-	-	-	< 5	-	-	-	< 5	-	-	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025	11/06/2025	24/09/2025
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	7.2	6.9	6.9	7	7.2	6.8	6.9	7	7.2	8	7.1	6.8	7.2	7.5
Electrical Conductivity (Lab)	900	990	-	-	-	-	1600	-	-	-	1500	-	-	-
Biochemical Oxygen Demand (BOD5)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Dissolved Solids	610	580	-	-	-	-	910	-	-	-	960	-	-	-
Total Suspended Solids	< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	-	-	-	-	-	< 1
Total Alkalinity as CaCO3	120	170	220	190	210	200	200	200	190	150	200	200	210	220
Chloride	230	200	380	430	430	420	320	350	370	300	340	320	300	480
Fluoride	0.13	0.21	0.2	< 0.1	0.12	0.18	0.12	0.15	0.11	< 0.1	0.18	0.15	0.23	-
Sulfate (SO4)	37	36	61	74	74	69	55	55	63	41	56	59	52	72
Calcium (Ca)	40	58	59	63	66	62	56	51	64	51	58	58	61	68
Magnesium (Mg)	30	48	47	55	52	53	44	41	46	37	46	44	46	52
Potassium (K)	4.7	4.3	4.5	4.4	6.2	5.2	4.4	4.8	4	5	5.5	4.2	4.7	-
Sodium (Na)	120	200	190	220	230	210	190	180	200	150	190	190	200	230
Total Organic Carbon	0.4	0.7	0.7	0.6	0.5	0.7	0.4	0.6	0.5	1.4	0.5	0.2	0.5	1.2
Ammonia (NH3) as N	< 0.01	0.12	0.41	< 0.01	< 0.01	< 0.05	< 0.01	< 0.01	0.03	0.03	0.01	< 0.01	< 0.01	< 0.01
Nitrate (NO3) as N	2.6	2.4	4.2	5.3	5.2	4.8	3.8	4.1	4.3	3.7	3.6	3.3	3.3	3.7
Nitrite (NO2) as N	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	2.6	2.4	4.2	5.3	5.2	4.8	3.8	4.1	4.3	3.7	3.6	3.3	3.3	-
Total Phosphorus	0.05	0.09	-	-	-	-	0.06	-	-	-	0.05	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.013	0.005	-	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Arsenic (As)	< 0.001	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Barium (Ba)	0.037	0.06	-	-	-	-	0.065	-	-	-	0.064	-	-	-
Cadmium (Cd)	< 0.0001	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-
Chromium (Cr)	< 0.001	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Cobalt (Co)	< 0.001	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Copper (Cu)	0.025	0.004	-	-	-	-	0.004	-	-	-	0.002	-	-	-
Hexavalent Chromium (Cr-VI)	< 0.004	< 0.004	-	-	-	-	< 0.004	-	-	-	< 0.004	-	-	-
Iron (Fe)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.005	< 0.005	0.008	< 0.005	< 0.005
Lead (Pb)	0.004	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-	-	-
Manganese (Mn)	< 0.001	0.001	0.002	0.002	0.003	0.004	0.002	0.004	0.002	0.001	0.001	< 0.001	0.002	0.001
Mercury (Hg)	< 0.0001	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-	-	-
Zinc (Zn)	0.071	0.012	-	-	-	-	0.016	-	-	-	0.017	-	-	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Toluene	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethylbenzene	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
meta- & para-Xylene	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
ortho-Xylene	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Total Xylenes	< 1.5	< 1.5	-	-	-	-	< 1.5	-	-	-	< 1.5	-	-	-
Sum of BTEX	< 3	< 3	-	-	-	-	< 3	-	-	-	< 3	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	< 0.1	-	-	-
Naphthalene (VOC)	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	< 50	< 50	-	-	-	-	< 50	-	-	-	< 50	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025	11/06/2025	24/09/2025
TRH C6-C10 less BTEX (F1)	< 50	< 50	-	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH >C10-C16	< 60	< 60	-	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	< 60	< 60	-	-	-	-	< 60	-	-	-	< 60	-	-	-
TRH >C16-C34 (F3)	< 500	< 500	-	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH >C34-C40 (F4)	< 500	< 500	-	-	-	-	< 500	-	-	-	< 500	-	-	-
TRH C10-C40	< 320	< 320	-	-	-	-	< 320	-	-	-	< 320	-	-	-
TRH C6-C9	< 40	< 40	-	-	-	-	< 40	-	-	-	< 40	-	-	-
TRH C10-C14	< 50	< 50	-	-	-	-	< 50	-	-	-	< 50	-	-	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	< 200	< 200	-	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C29-C36	< 200	< 200	-	-	-	-	< 200	-	-	-	< 200	-	-	-
TRH C37-C40	< 200	< 200	-	-	-	-	< 200	-	-	-	< 200	-	-	-
1-methylnaphthalene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
2-methylnaphthalene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Acenaphthylene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Anthracene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)anthracene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(a)pyrene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	< 0.1	0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(ghi)perylene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Benzo(k)fluoranthene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Chrysene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluoranthene	< 0.1	0.2	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Fluorene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Phenanthrene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Pyrene	< 0.1	0.2	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Naphthalene	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total PAHs	< 1	1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Azinphos-methyl	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Bromophos Ethyl	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Diazinon (Dimpylate)	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dichlorvos	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Dimethoate	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Ethion	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Fenitrothion	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Malathion	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Methidathion	< 0.5	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	< 0.2	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-	-	-
Aldrin	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha BHC	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Chlordane	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Alpha Endosulfan	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta BHC	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Beta Endosulfan	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5	Bore 5
	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	20/03/2025	11/06/2025	24/09/2025
Delta BHC	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Dieldrin	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endosulfan sulphate	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin aldehyde	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Endrin ketone	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Gamma Chlordane	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Heptachlor epoxide	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Isodrin	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Lindane (gamma BHC)	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Methoxychlor	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Mirex	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDD	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDE	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
o,p'-DDT	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDD	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDE	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
p,p'-DDT	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
trans-Nonachlor	< 0.1	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-	-	-
Total OC Pesticides	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1016	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1221	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1232	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1242	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1248	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1254	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1260	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1262	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Arochlor 1268	< 1	< 1	-	-	-	-	< 1	-	-	-	< 1	-	-	-
Total Polychlorinated biphenyls	< 5	< 5	-	-	-	-	< 5	-	-	-	< 5	-	-	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Bore 5	Bore 5	Bore 5	Bore 6	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	17/12/2025	11/02/2026	1/07/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.8	6.7	7.2	6.9	8	8	8.3	8.1	7.9	7.5	7.5	7.5	7.5	7.5
Electrical Conductivity (Lab)	1300	-	-	-	-	670	-	-	490	-	540	-	-	-
Biochemical Oxygen Demand (BOD5)	< 5	< 5	< 5	< 5	-	7	-	-	12	-	8	-	-	-
Total Dissolved Solids	810	-	-	-	-	370	-	-	360	-	340	-	-	-
Total Suspended Solids	< 5	< 5	< 5	< 5	28	43	19	71	42	27	260	2300	15	16
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	< 1	-	-	-	-	-
Total Alkalinity as CaCO3	210	200	200	160	240	250	370	430	180	190	200	170	160	140
Chloride	290	310	270	220	93	71	120	180	37	37	39	42	28	37
Fluoride	< 0.1	0.18	0.16	0.11	0.69	0.48	0.59	0.54	< 0.1	0.26	0.33	0.33	0.22	0.21
Sulfate (SO4)	59	55	47	33	23	14	23	21	10	10	6.1	4.4	12	19
Calcium (Ca)	-	53	52	49	25	30	32	41	35	34	34	38	34	31
Magnesium (Mg)	41	40	37	29	23	21	32	44	15	14	17	17	13	12
Potassium (K)	5.4	3.7	4	2.8	25	36	51	46	15	13	19	19	15	12
Sodium (Na)	-	180	160	120	93	66	110	170	44	43	50	49	37	39
Total Organic Carbon	< 0.2	0.2	0.3	0.3	19	34	43	47	21	17	25	20	13	15
Ammonia (NH3) as N	< 0.01	< 0.005	0.017	0.01	0.11	0.33	0.11	0.07	0.07	0.04	0.39	0.68	0.04	0.1
Nitrate (NO3) as N	2.8	4.1	3.5	5.2	0.057	< 0.005	< 0.005	< 0.005	0.053	0.069	0.48	0.11	< 0.005	0.38
Nitrite (NO2) as N	< 0.005	< 0.005	< 0.005	< 0.005	0.005	< 0.005	0.019	< 0.005	0.025	< 0.005	0.16	0.026	< 0.005	0.026
Total Oxidised Nitrogen, NOx-N	2.8	4.1	3.5	5.2	0.062	< 0.005	0.019	< 0.005	0.078	0.073	0.64	0.13	< 0.005	0.4
Total Phosphorus	0.04	-	-	-	-	0.2	-	-	0.22	-	0.54	-	-	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	< 0.005	-	-	-	-	0.088	-	-	0.35	-	0.47	-	-	-
Arsenic (As)	< 0.001	-	-	-	-	0.004	-	-	0.004	-	0.004	-	-	-
Barium (Ba)	0.06	-	-	-	-	0.078	-	-	0.059	-	0.075	-	-	-
Cadmium (Cd)	< 0.0001	-	-	-	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	-	-
Chromium (Cr)	< 0.001	-	-	-	-	< 0.001	-	-	0.003	-	< 0.001	-	-	-
Cobalt (Co)	< 0.001	-	-	-	-	< 0.001	-	-	0.002	-	0.001	-	-	-
Copper (Cu)	0.001	-	-	-	-	0.002	-	-	0.002	-	0.004	-	-	-
Hexavalent Chromium (Cr-VI)	< 0.004	-	-	-	-	< 0.004	-	-	< 0.004	-	< 0.004	-	-	-
Iron (Fe)	< 0.005	< 0.005	< 0.005	0.006	0.036	0.058	0.14	0.006	0.38	0.32	0.37	0.083	0.02	0.32
Lead (Pb)	0.001	-	-	-	-	< 0.001	-	-	< 0.001	-	< 0.001	-	-	-
Manganese (Mn)	0.002	0.007	0.002	0.003	< 0.001	0.001	0.005	0.035	0.078	0.12	0.006	0.002	0.002	0.004
Mercury (Hg)	< 0.0001	-	-	-	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	-	-
Zinc (Zn)	0.009	-	-	-	-	< 0.005	-	-	0.008	-	< 0.005	-	-	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.01
Benzene	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Toluene	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Ethylbenzene	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
meta- & para-Xylene	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
ortho-Xylene	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Total Xylenes	< 1.5	-	-	-	-	< 1.5	-	-	< 1.5	-	< 1.5	-	-	-
Sum of BTEX	< 3	-	-	-	-	< 3	-	-	< 3	-	< 3	-	-	-
Naphthalene	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Naphthalene (VOC)	< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene (F0)	< 0.5	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-
TRH C6-C10	< 50	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 6	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	17/12/2025	11/02/2026	1/07/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
TRH C6-C10 less BTEX (F1)	< 50	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	-
TRH >C10-C16	< 50	-	-	-	-	< 60	-	-	< 60	-	< 60	-	-	-
TRH >C10-C16 less Naphthalene (F2)	< 50	-	-	-	-	< 60	-	-	< 60	-	< 60	-	-	-
TRH >C16-C34 (F3)	< 100	-	-	-	-	< 500	-	-	< 500	-	< 500	-	-	-
TRH >C34-C40 (F4)	< 100	-	-	-	-	< 500	-	-	< 500	-	< 500	-	-	-
TRH C10-C40	< 50	-	-	-	-	-	-	-	< 320	-	< 320	-	-	-
TRH C6-C9	< 40	-	-	-	-	< 40	-	-	< 40	-	< 40	-	-	-
TRH C10-C14	< 50	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	-
TRH C10-C36	< 50	-	-	-	-	< 450	-	-	-	-	-	-	-	-
TRH C15-C28	< 100	-	-	-	-	< 200	-	-	210	-	< 200	-	-	-
TRH C29-C36	< 100	-	-	-	-	< 200	-	-	< 200	-	< 200	-	-	-
TRH C37-C40	-	-	-	-	-	< 200	-	-	< 200	-	< 200	-	-	-
1-methylnaphthalene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
2-methylnaphthalene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Acenaphthene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Acenaphthylene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Anthracene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Benzo(a)anthracene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Benzo(a)pyrene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Benzo(b&j)fluoranthene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Benzo(ghi)perylene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Benzo(k)fluoranthene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Chrysene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Dibenzo(ah)anthracene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Fluoranthene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Fluorene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Indeno(1,2,3-cd)pyrene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Phenanthrene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Pyrene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Naphthalene	< 0.5	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Total PAHs	< 0.5	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Azinphos-methyl	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Bromophos Ethyl	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Chlorpyrifos (Chlorpyrifos Ethyl)	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Diazinon (Dimpylate)	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Dichlorvos	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Dimethoate	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Ethion	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Fenitrothion	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Malathion	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Methidathion	< 0.5	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-
Parathion-ethyl (Parathion)	< 0.5	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	-
Aldrin	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Alpha BHC	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Alpha Chlordane	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Alpha Endosulfan	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Beta BHC	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Beta Endosulfan	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-

	Bore 5	Bore 5	Bore 5	Bore 6	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	17/12/2025	11/02/2026	1/07/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	4/03/2021	25/05/2021	8/09/2021
Delta BHC	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Dieldrin	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Endosulfan sulphate	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Endrin	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Endrin aldehyde	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Endrin ketone	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Gamma Chlordane	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Heptachlor	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Heptachlor epoxide	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Hexachlorobenzene (HCB)	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Isodrin	-	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Lindane (gamma BHC)	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Methoxychlor	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Mirex	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
o,p'-DDD	-	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
o,p'-DDE	-	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
o,p'-DDT	-	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
p,p'-DDD	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
p,p'-DDE	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
p,p'-DDT	< 0.2	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
trans-Nonachlor	-	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	-
Total OC Pesticides	< 0.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Arochlor 1016	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1221	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1232	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1242	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1248	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1254	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1260	< 1	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1262	-	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Arochlor 1268	-	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	-
Total Polychlorinated biphenyls	< 5	-	-	-	-	< 5	-	-	< 5	-	< 5	-	-	-

milligrams per litre
 micrograms per litre
 limit of reporting
 primary sample

F LABORATORY ANALYSIS

	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	11/06/2025
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	6.9	7.4	6.4	8.6	8.1	7.5	7.8	7.8	7.9	8.2	8.1	7.8	8.8	7.6
Electrical Conductivity (Lab)	350	-	-	630	-	-	-	-	770	-	-	-	1000	-
Biochemical Oxygen Demand (BOD5)	-	-	11	8	< 5	< 5	< 5	< 5	11	< 5	< 5	7	10	8
Total Dissolved Solids	280	-	-	410	-	-	-	-	510	-	-	-	650	-
Total Suspended Solids	6	17	130	30	19	34	15	13	3200	10	< 5	16	100	24
Carbonate Alkalinity as CaCO3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Alkalinity as CaCO3	150	190	130	210	240	200	230	230	140	270	230	250	240	200
Chloride	32	38	44	67	78	82	77	86	93	120	79	95	140	63
Fluoride	< 0.1	0.31	< 0.1	0.51	0.36	< 0.1	0.23	0.36	0.39	0.54	0.24	< 0.1	0.73	0.33
Sulfate (SO4)	15	11	2	22	17	28	31	42	82	87	43	18	73	210
Calcium (Ca)	31	36	23	29	28	33	32	37	28	31	35	33	25	110
Magnesium (Mg)	11	14	12	20	20	21	18	19	17	28	19	20	24	29
Potassium (K)	14	18	24	30	30	26	24	27	33	39	32	35	54	46
Sodium (Na)	37	43	33	74	77	82	74	77	87	120	78	77	130	68
Total Organic Carbon	13	14	20	23	26	22	20	23	39	29	21	29	35	22
Ammonia (NH3) as N	0.28	0.1	0.26	0.06	0.02	0.55	1.5	1.5	0.05	0.14	0.02	0.02	0.03	0.11
Nitrate (NO3) as N	0.48	< 0.005	< 0.005	< 0.005	< 0.005	0.043	0.14	0.16	0.96	0.053	< 0.005	< 0.005	< 0.005	< 0.005
Nitrite (NO2) as N	0.13	< 0.005	< 0.005	< 0.005	< 0.005	0.009	0.03	0.056	0.18	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Oxidised Nitrogen, NOx-N	0.61	< 0.005	< 0.005	< 0.005	< 0.005	0.052	0.17	0.21	1.1	0.054	0.007	< 0.005	< 0.005	< 0.005
Total Phosphorus	0.24	-	-	0.17	-	-	-	-	0.86	-	-	-	0.38	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.44	-	-	0.047	-	-	-	-	0.038	-	-	-	0.076	-
Arsenic (As)	0.003	-	-	0.004	-	-	-	-	0.004	-	-	-	0.006	-
Barium (Ba)	0.056	-	-	0.052	-	-	-	-	0.058	-	-	-	0.1	-
Cadmium (Cd)	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-
Chromium (Cr)	0.002	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Cobalt (Co)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	0.001	-
Copper (Cu)	0.004	-	-	0.002	-	-	-	-	0.007	-	-	-	0.002	-
Hexavalent Chromium (Cr-VI)	< 0.004	-	-	< 0.004	-	-	-	-	< 0.004	-	-	-	< 0.004	-
Iron (Fe)	0.46	0.037	0.49	0.029	0.39	0.18	0.03	< 0.005	0.043	0.011	0.12	0.35	0.073	0.036
Lead (Pb)	< 0.001	-	-	< 0.001	-	-	-	-	< 0.001	-	-	-	< 0.001	-
Manganese (Mn)	0.005	0.12	0.006	0.002	0.17	0.36	0.29	0.17	0.003	0.009	0.005	0.004	0.007	0.017
Mercury (Hg)	< 0.0001	-	-	< 0.0001	-	-	-	-	< 0.0001	-	-	-	< 0.0001	-
Zinc (Zn)	< 0.005	-	-	< 0.005	-	-	-	-	0.006	-	-	-	< 0.005	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Toluene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Ethylbenzene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
meta- & para-Xylene	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
ortho-Xylene	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Total Xylenes	< 1.5	-	-	< 1.5	-	-	-	-	< 1.5	-	-	-	< 1.5	-
Sum of BTEX	< 3	-	-	< 3	-	-	-	-	< 3	-	-	-	< 3	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.1	-
Naphthalene (VOC)	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Benzene (F0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C6-C10	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-

	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	11/06/2025
TRH C6-C10 less BTEX (F1)	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-
TRH >C10-C16	< 60	-	-	< 60	-	-	-	-	< 60	-	-	-	< 60	-
TRH >C10-C16 less Naphthalene (F2)	< 60	-	-	< 60	-	-	-	-	< 60	-	-	-	< 60	-
TRH >C16-C34 (F3)	< 500	-	-	< 500	-	-	-	-	< 500	-	-	-	< 500	-
TRH >C34-C40 (F4)	< 500	-	-	< 500	-	-	-	-	< 500	-	-	-	< 500	-
TRH C10-C40	< 320	-	-	< 320	-	-	-	-	< 320	-	-	-	360	-
TRH C6-C9	< 40	-	-	< 40	-	-	-	-	< 40	-	-	-	< 40	-
TRH C10-C14	< 50	-	-	< 50	-	-	-	-	< 50	-	-	-	< 50	-
TRH C10-C36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C15-C28	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	250	-
TRH C29-C36	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	< 200	-
TRH C37-C40	< 200	-	-	< 200	-	-	-	-	< 200	-	-	-	< 200	-
1-methylnaphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
2-methylnaphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Acenaphthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Acenaphthylene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(a)anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(a)pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(b&j)fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(ghi)perylene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Benzo(k)fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Chrysene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Dibenzo(ah)anthracene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Fluoranthene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Fluorene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Indeno(1,2,3-cd)pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Phenanthrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Pyrene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Naphthalene	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Total PAHs	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Azinphos-methyl	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Bromophos Ethyl	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Chlorpyrifos (Chlorpyrifos Ethyl)	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Diazinon (Dimpylate)	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Dichlorvos	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Dimethoate	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Ethion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Fenitrothion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Malathion	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Methidathion	< 0.5	-	-	< 0.5	-	-	-	-	< 0.5	-	-	-	< 0.5	-
Parathion-ethyl (Parathion)	< 0.2	-	-	< 0.2	-	-	-	-	< 0.2	-	-	-	< 0.2	-
Aldrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha Chlordane	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Alpha Endosulfan	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Beta BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Beta Endosulfan	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-

	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7	Sample 7
	1/12/2021	2/03/2022	5/07/2022	13/02/2023	13/04/2023	31/05/2023	19/07/2023	18/09/2023	20/12/2023	6/03/2024	3/07/2024	16/09/2024	11/12/2024	11/06/2025
Delta BHC	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Dieldrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endosulfan sulphate	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin aldehyde	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Endrin ketone	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Gamma Chlordane	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Heptachlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Heptachlor epoxide	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Hexachlorobenzene (HCB)	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Isodrin	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Lindane (gamma BHC)	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Methoxychlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Mirex	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDD	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDE	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
o,p'-DDT	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDD	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDE	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
p,p'-DDT	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
trans-Nonachlor	< 0.1	-	-	< 0.1	-	-	-	-	< 0.1	-	-	-	< 0.1	-
Total OC Pesticides	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1016	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1221	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1232	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1242	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1248	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1254	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1260	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1262	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Arochlor 1268	< 1	-	-	< 1	-	-	-	-	< 1	-	-	-	< 1	-
Total Polychlorinated biphenyls	< 5	-	-	< 5	-	-	-	-	< 5	-	-	-	< 5	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Sample 7	Sample 7	Sample 7	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8
	24/09/2025	11/02/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	25/05/2021	8/09/2021	1/12/2021	2/03/2022
Analyte	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	7.8	7.2	7.4	8.2	8.4	8.8	8.8	7.3	7.3	6.8	7.1	6.9	6.9	6.8
Electrical Conductivity (Lab)	-	-	-	-	410	-	-	110	-	100	-	-	150	-
Biochemical Oxygen Demand (BOD5)	< 5	14	< 5	-	< 5	-	-	< 5	-	6	-	-	-	-
Total Dissolved Solids	-	-	-	-	290	-	-	850	-	160	-	-	210	-
Total Suspended Solids	27	100	19	98	260	350	850	43	150	770	14	230	27	1500
Carbonate Alkalinity as CaCO3	< 1	-	-	-	-	-	-	< 1	-	-	-	-	-	-
Total Alkalinity as CaCO3	220	170	180	200	170	280	280	54	47	26	74	43	54	100
Chloride	45	34	20	42	33	69	140	4.5	6.6	5.7	11	9.2	12	34
Fluoride	-	0.23	0.32	1	0.71	1.3	1.3	< 0.1	0.15	0.12	0.18	0.15	< 0.1	0.25
Sulfate (SO4)	72	37	3.4	14	9.6	16	21	2.4	4.9	8.2	6.7	6.6	12	25
Calcium (Ca)	60	48	41	24	21	23	13	7.9	8.1	4.7	13	8.6	13	21
Magnesium (Mg)	17	13	10	15	11	19	18	3.7	4.9	2.5	7.3	4.7	4.2	10
Potassium (K)	-	31	27	10	9.7	17	13	6.4	9.6	11	14	11	14	20
Sodium (Na)	39	30	14	50	44	94	170	6.3	7	7.5	10	7.3	10	24
Total Organic Carbon	19	27	19	19	13	29	180	13	11	13	10	21	15	62
Ammonia (NH3) as N	0.06	0.026	0.18	0.02	0.03	0.02	0.02	0.38	0.09	0.46	0.05	0.02	0.15	0.06
Nitrate (NO3) as N	< 0.005	< 0.005	0.13	< 0.005	< 0.005	< 0.005	< 0.005	0.2	0.28	1.5	< 0.005	< 0.005	0.34	< 0.005
Nitrite (NO2) as N	< 0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.014	0.013	0.041	< 0.005	< 0.005	0.055	< 0.005
Total Oxidised Nitrogen, NOx-N	-	0.01	0.14	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.3	1.6	< 0.005	< 0.005	0.4	< 0.005
Total Phosphorus	-	-	-	-	0.33	-	-	0.78	-	0.92	-	-	0.55	-
Total Kjeldahl Nitrogen	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	-	-	-	-	0.61	-	-	4.9	-	8.1	-	-	4.6	-
Arsenic (As)	-	-	-	-	0.003	-	-	0.002	-	0.002	-	-	0.003	-
Barium (Ba)	-	-	-	-	0.064	-	-	0.046	-	0.054	-	-	0.055	-
Cadmium (Cd)	-	-	-	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-
Chromium (Cr)	-	-	-	-	< 0.001	-	-	0.037	-	0.009	-	-	0.008	-
Cobalt (Co)	-	-	-	-	< 0.001	-	-	< 0.001	-	0.001	-	-	< 0.001	-
Copper (Cu)	-	-	-	-	0.006	-	-	0.004	-	0.009	-	-	0.008	-
Hexavalent Chromium (Cr-VI)	-	-	-	-	< 0.004	-	-	< 0.004	-	< 0.004	-	-	< 0.004	-
Iron (Fe)	0.3	0.32	2.8	0.13	0.34	0.019	0.27	3.3	0.36	4.9	2.2	3.7	2.5	3.8
Lead (Pb)	-	-	-	-	< 0.001	-	-	0.002	-	0.002	-	-	0.002	-
Manganese (Mn)	0.02	1.3	1.5	0.001	0.001	< 0.001	0.005	0.01	0.002	0.018	0.025	0.015	0.012	0.71
Mercury (Hg)	-	-	-	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-
Zinc (Zn)	-	-	-	-	< 0.005	-	-	0.009	-	0.011	-	-	0.021	-
Total Phenols	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.05	< 0.05
Benzene	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Toluene	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Ethylbenzene	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
meta- & para-Xylene	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
ortho-Xylene	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Total Xylenes	-	-	-	-	< 1.5	-	-	< 1.5	-	< 1.5	-	-	< 1.5	-
Sum of BTEX	-	-	-	-	< 3	-	-	< 3	-	< 3	-	-	< 3	-
Naphthalene	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	-	-
Naphthalene (VOC)	-	-	-	-	-	-	-	-	-	-	-	-	< 0.5	-
Benzene (F0)	-	-	-	-	< 0.5	-	-	-	-	-	-	-	-	-
TRH C6-C10	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	< 50	-

	Sample 7	Sample 7	Sample 7	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8
	24/09/2025	11/02/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	25/05/2021	8/09/2021	1/12/2021	2/03/2022
TRH C6-C10 less BTEX (F1)	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	< 50	-
TRH >C10-C16	-	-	-	-	< 60	-	-	< 60	-	< 60	-	-	< 60	-
TRH >C10-C16 less Naphthalene (F2)	-	-	-	-	< 60	-	-	< 60	-	< 60	-	-	< 60	-
TRH >C16-C34 (F3)	-	-	-	-	< 500	-	-	< 500	-	< 500	-	-	14000	-
TRH >C34-C40 (F4)	-	-	-	-	< 500	-	-	< 500	-	< 500	-	-	3800	-
TRH C10-C40	-	-	-	-	< 650	-	-	< 320	-	< 320	-	-	18000	-
TRH C6-C9	-	-	-	-	< 40	-	-	< 40	-	< 40	-	-	< 40	-
TRH C10-C14	-	-	-	-	< 50	-	-	< 50	-	< 50	-	-	< 50	-
TRH C10-C36	-	-	-	-	< 450	-	-	-	-	-	-	-	-	-
TRH C15-C28	-	-	-	-	< 200	-	-	< 200	-	< 200	-	-	7400	-
TRH C29-C36	-	-	-	-	< 200	-	-	< 200	-	< 200	-	-	8400	-
TRH C37-C40	-	-	-	-	< 200	-	-	< 200	-	< 200	-	-	1800	-
1-methylnaphthalene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
2-methylnaphthalene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Acenaphthene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Acenaphthylene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Anthracene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Benzo(a)anthracene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Benzo(a)pyrene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Benzo(b&j)fluoranthene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Benzo(ghi)perylene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Benzo(k)fluoranthene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Chrysene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Dibenzo(ah)anthracene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Fluoranthene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Fluorene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Phenanthrene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Pyrene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Naphthalene	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Total PAHs	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Azinphos-methyl	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Bromophos Ethyl	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Chlorpyrifos (Chlorpyrifos Ethyl)	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Diazinon (Dimpylate)	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Dichlorvos	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Dimethoate	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Ethion	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Fenitrothion	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Malathion	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Methidathion	-	-	-	-	< 0.5	-	-	< 0.5	-	< 0.5	-	-	< 0.5	-
Parathion-ethyl (Parathion)	-	-	-	-	< 0.2	-	-	< 0.2	-	< 0.2	-	-	< 0.2	-
Aldrin	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Alpha BHC	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Alpha Chlordane	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Alpha Endosulfan	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Beta BHC	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Beta Endosulfan	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-

	Sample 7	Sample 7	Sample 7	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8	Sample 8
	24/09/2025	11/02/2026	1/07/2026	11/10/2017	23/01/2018	28/03/2018	27/06/2018	25/06/2020	15/09/2020	16/12/2020	25/05/2021	8/09/2021	1/12/2021	2/03/2022
Delta BHC	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Dieldrin	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Endosulfan sulphate	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Endrin	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Endrin aldehyde	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Endrin ketone	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Gamma Chlordane	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Heptachlor	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Heptachlor epoxide	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Hexachlorobenzene (HCB)	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Isodrin	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Lindane (gamma BHC)	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Methoxychlor	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Mirex	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
o,p'-DDD	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
o,p'-DDE	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
o,p'-DDT	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
p,p'-DDD	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
p,p'-DDE	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
p,p'-DDT	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
trans-Nonachlor	-	-	-	-	< 0.1	-	-	< 0.1	-	< 0.1	-	-	< 0.1	-
Total OC Pesticides	-	-	-	-	-	-	-	-	-	-	-	-	< 1	-
Arochlor 1016	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1221	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1232	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1242	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1248	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1254	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1260	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1262	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Arochlor 1268	-	-	-	-	< 1	-	-	< 1	-	< 1	-	-	< 1	-
Total Polychlorinated biphenyls	-	-	-	-	< 5	-	-	< 5	-	< 5	-	-	< 5	-

milligrams per litre
micrograms per litre
limit of reporting
primary sample

F LABORATORY ANALYSIS

	Sample 8	Sample 8
	5/07/2022	13/02/2023
Analyte	PS	PS
pH (Lab)	6.9	8.4
Electrical Conductivity (Lab)	-	540
Biochemical Oxygen Demand (BOD5)	< 5	< 5
Total Dissolved Solids	-	420
Total Suspended Solids	16	35
Carbonate Alkalinity as CaCO3	-	-
Total Alkalinity as CaCO3	58	170
Chloride	5.9	52
Fluoride	< 0.1	0.37
Sulfate (SO4)	6	29
Calcium (Ca)	12	33
Magnesium (Mg)	5.4	17
Potassium (K)	18	37
Sodium (Na)	6	45
Total Organic Carbon	15	24
Ammonia (NH3) as N	0.36	0.43
Nitrate (NO3) as N	0.85	0.15
Nitrite (NO2) as N	0.11	0.023
Total Oxidised Nitrogen, NOx-N	0.96	0.18
Total Phosphorus	-	0.41
Total Kjeldahl Nitrogen	-	-
Aluminium (Al)	-	0.71
Arsenic (As)	-	0.003
Barium (Ba)	-	0.097
Cadmium (Cd)	-	< 0.0001
Chromium (Cr)	-	< 0.001
Cobalt (Co)	-	0.001
Copper (Cu)	-	0.005
Hexavalent Chromium (Cr-VI)	-	< 0.004
Iron (Fe)	5.2	0.38
Lead (Pb)	-	< 0.001
Manganese (Mn)	0.029	0.007
Mercury (Hg)	-	< 0.0001
Zinc (Zn)	-	< 0.005
Total Phenols	< 0.05	< 0.05
Benzene	-	< 0.5
Toluene	-	< 0.5
Ethylbenzene	-	< 0.5
meta- & para-Xylene	-	< 1
ortho-Xylene	-	< 0.5
Total Xylenes	-	< 1.5
Sum of BTEX	-	< 3
Naphthalene	-	-
Naphthalene (VOC)	-	< 0.5
Benzene (F0)	-	-
TRH C6-C10	-	< 50

	Sample 8	Sample 8
	5/07/2022	13/02/2023
TRH C6-C10 less BTEX (F1)	-	< 50
TRH >C10-C16	-	< 60
TRH >C10-C16 less Naphthalene (F2)	-	< 60
TRH >C16-C34 (F3)	-	< 500
TRH >C34-C40 (F4)	-	< 500
TRH C10-C40	-	< 320
TRH C6-C9	-	< 40
TRH C10-C14	-	< 50
TRH C10-C36	-	-
TRH C15-C28	-	< 200
TRH C29-C36	-	< 200
TRH C37-C40	-	< 200
1-methylnaphthalene	-	< 0.1
2-methylnaphthalene	-	< 0.1
Acenaphthene	-	< 0.1
Acenaphthylene	-	< 0.1
Anthracene	-	< 0.1
Benzo(a)anthracene	-	< 0.1
Benzo(a)pyrene	-	< 0.1
Benzo(b&j)fluoranthene	-	< 0.1
Benzo(ghi)perylene	-	< 0.1
Benzo(k)fluoranthene	-	< 0.1
Chrysene	-	< 0.1
Dibenzo(ah)anthracene	-	< 0.1
Fluoranthene	-	< 0.1
Fluorene	-	< 0.1
Indeno(1,2,3-cd)pyrene	-	< 0.1
Phenanthrene	-	< 0.1
Pyrene	-	< 0.1
Naphthalene	-	< 0.1
Total PAHs	-	< 1
Azinphos-methyl	-	< 0.2
Bromophos Ethyl	-	< 0.2
Chlorpyrifos (Chlorpyrifos Ethyl)	-	< 0.2
Diazinon (Dimpylate)	-	< 0.5
Dichlorvos	-	< 0.5
Dimethoate	-	< 0.5
Ethion	-	< 0.2
Fenitrothion	-	< 0.2
Malathion	-	< 0.2
Methidathion	-	< 0.5
Parathion-ethyl (Parathion)	-	< 0.2
Aldrin	-	< 0.1
Alpha BHC	-	< 0.1
Alpha Chlordane	-	< 0.1
Alpha Endosulfan	-	< 0.1
Beta BHC	-	< 0.1
Beta Endosulfan	-	< 0.1

	Sample 8	Sample 8
	5/07/2022	13/02/2023
Delta BHC	-	< 0.1
Dieldrin	-	< 0.1
Endosulfan sulphate	-	< 0.1
Endrin	-	< 0.1
Endrin aldehyde	-	< 0.1
Endrin ketone	-	< 0.1
Gamma Chlordane	-	< 0.1
Heptachlor	-	< 0.1
Heptachlor epoxide	-	< 0.1
Hexachlorobenzene (HCB)	-	< 0.1
Isodrin	-	< 0.1
Lindane (gamma BHC)	-	< 0.1
Methoxychlor	-	< 0.1
Mirex	-	< 0.1
o,p'-DDD	-	< 0.1
o,p'-DDE	-	< 0.1
o,p'-DDT	-	< 0.1
p,p'-DDD	-	< 0.1
p,p'-DDE	-	< 0.1
p,p'-DDT	-	< 0.1
trans-Nonachlor	-	< 0.1
Total OC Pesticides	-	< 1
Arochlor 1016	-	< 1
Arochlor 1221	-	< 1
Arochlor 1232	-	< 1
Arochlor 1242	-	< 1
Arochlor 1248	-	< 1
Arochlor 1254	-	< 1
Arochlor 1260	-	< 1
Arochlor 1262	-	< 1
Arochlor 1268	-	< 1
Total Polychlorinated biphenyls	-	< 5

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