

Certificate of Analysis

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Client:	Rotorua District Council Lab	Lab No:	3990136	SPV1
Contact:	Chris Moody	Date Received:	20-Sep-2025	
	C/- Rotorua District Council Lab	Date Reported:	09-Oct-2025	
	Private Bag 3029	Quote No:	103324	
	Rotorua Mail Centre	Order No:	RLP043416	
	Rotorua 3046	Client Reference:	NZDWS Water Quality Standards	
		Submitted By:	Chris Moody	

Sample Type: Potable Water

Sample Name:	ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:	3990136.1	3990136.2	3990136.3	3990136.4	3990136.5

Individual Tests

Total Mercury	g/m ³	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Bromate	g/m ³	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Cyanide	g/m ³	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Cyanogen Chloride**	mg/L as CN ⁻	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorite	g/m ³	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorate	g/m ³	< 0.005	< 0.005	0.007	< 0.005	< 0.005
Fluoride	g/m ³	0.08	0.07	< 0.05	< 0.05	< 0.05
Sulphate	g/m ³	2.0	1.9	4.7	1.8	1.5
1080 ⁺	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Epichlorohydrin ⁺	g/m ³	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Amine Acid Chelating Agents in Potable Water by GCMS

Ethylenediaminetetraacetic acid (EDTA)	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrilotriacetic acid (NTA)	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS

Acetochlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Alachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Atrazine	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Atrazine-desethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Atrazine-desisopropyl	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Azaconazole	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Azinphos-methyl	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Benalaxyl	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Bitertanol	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Bromacil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Bromopropylate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Butachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Captan	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Carbaryl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Carbofenthion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Carbofuran	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorfluazuron	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorothalonil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorpyrifos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorpyrifos-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlortoluron	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Cyanazine	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004



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Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS						
Cyfluthrin	g/m ³	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Cyhalothrin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Cypermethrin	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Deltamethrin (including Tralomethrin)	g/m ³	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Diazinon	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Dichlofluanid	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichloran	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dichlorvos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Difenoconazole	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Dimethoate	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Diphenylamine	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Diuron	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenpropimorph	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluazifop-butyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluometuron	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Flusilazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluvalinate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Furalaxyl	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Haloxypop-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Hexaconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Hexazinone	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
IPBC (3-Iodo-2-propynyl-n-butylcarbamate)	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Kresoxim-methyl	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Linuron	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Malathion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metalaxyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metolachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metribuzin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Molinate	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Myclobutanil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Naled	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Norflurazon	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Oxadiazon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Oxyfluorfen	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Paclobutrazol	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Parathion-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Parathion-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pendimethalin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Permethrin	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Pirimicarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pirimiphos-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prochloraz	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Procymidone	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prometryn	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Propachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Propanil	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Propazine	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Propiconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyriproxyfen	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Quizalofop-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Simazine	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Simetryn	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Sulfentrazone	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002

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Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS						
TCMTB [2-(thiocyanomethylthio) benzothiazole, Busan]	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Tebuconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbacil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbumeton	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbuthylazine	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Terbuthylazine-desethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbutryn	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Thiabendazole	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Thiobencarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Tolyfluanid	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Triazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Trifluralin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Vinclozolin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Extended metals suite, as received, trace						
Aluminium	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Antimony	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Arsenic	g/m ³	0.0030	0.0027	< 0.0010	< 0.0010	0.0010
Barium	g/m ³	0.006	0.009	0.080	0.032	0.011
Boron	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Cadmium	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Caesium	g/m ³	0.00177	0.00151	0.00020	0.00045	0.00055
Calcium	g/m ³	2.2	2.3	4.6	3.1	3.3
Chromium	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0006
Cobalt	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Copper	g/m ³	< 0.0005	< 0.0005	0.0027	0.030	0.0035
Iron	g/m ³	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lanthanum	g/m ³	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Lead	g/m ³	< 0.00010	< 0.00010	0.00059	0.00094	0.00021
Lithium	g/m ³	0.0152	0.0140	0.0137	0.0089	0.0131
Magnesium	g/m ³	1.49	1.57	1.79	1.41	2.0
Manganese	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Molybdenum	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Nickel	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Potassium	g/m ³	2.3	2.3	6.2	4.2	2.8
Rubidium	g/m ³	0.0084	0.0082	0.025	0.0157	0.0072
Selenium	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Silver	g/m ³	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Sodium	g/m ³	9.9	10.0	13.6	9.9	10.3
Strontium	g/m ³	0.0127	0.0130	0.047	0.027	0.0197
Thallium	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Tin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Uranium	g/m ³	0.00003	0.00003	0.00012	0.00003	0.00002
Vanadium	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Zinc	g/m ³	< 0.0010	< 0.0010	0.0042	0.038	0.034
Hydrogen sulphide trace level profile*						
pH	pH Units	7.6	7.5	6.3	6.5	6.7
Electrical Conductivity (EC)	mS/m	7.8	7.6	12.4	8.8	8.7
Sample Temperature*	°C	20.0	20.0	20.0	20.0	20.0
Un-ionised hydrogen sulphide	g/m ³	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Sulphide	g/m ³	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloramines						
Monochloramine	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichloramine	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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Chloramines						
Trichloramine	g/m³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acrylamide in drinking water by LCMSMS in Organics, trace level						
Acrylamide	g/m³	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Acid Herbicides Screen in Water by LCMSMS						
Acifluorfen	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bentazone	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromoxynil	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Clopyralid	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4-Dichlorophenoxyacetic acid (24D)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4-Dichlorophenoxybutyric acid (24DB)	g/m³	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Dicamba	g/m³	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Dichlorprop	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Fluazifop	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Fluroxypyr	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Haloxypop	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2-methyl-4-chlorophenoxyacetic acid (MCPA)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2-methyl-4-chlorophenoxybutanoic acid (MCPB)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Mecoprop	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Oryzalin	g/m³	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
2,3,4,6-Tetrachlorophenol (TCP)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4,5-Trichlorophenoxypropionic acid (245TP, Fenoprop, Silvex)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4,5-Trichlorophenoxyacetic acid (245T)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pentachlorophenol (PCP)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Picloram	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Quizalofop	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Triclopyr	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Halogenated Acetic Acids in Water by GC-MS						
Bromochloroacetic acid	g/m³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Dibromoacetic acid	g/m³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Dichloroacetic acid	g/m³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Monobromoacetic acid	g/m³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Monochloroacetic acid	g/m³	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroacetic acid	g/m³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Total HAA	g/m³	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Halogenated Volatile Disinfection By-Products in Water by GCMS						
Bromochloroacetonitrile	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromodichloromethane	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromoform (tribromomethane)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Carbon tetrachloride	g/m³	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
Chloroform (Trichloromethane)	g/m³	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Chloropicrin	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,2-Dibromo-3-chloropropane	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dibromoacetonitrile	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dibromochloromethane	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,2-Dibromoethane (ethylene dibromide, EDB)	g/m³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloro-2-propanone	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dichloroacetonitrile	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Tetrachloroethene (tetrachloroethylene)	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,1,1-Trichloro-2-propanone	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Trichloroacetonitrile	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,1,1-Trichloroethane	g/m³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Halogenated Volatile Disinfection By-Products in Water by GCMS						
Trichloroethene (trichloroethylene)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Total Trihalomethanes (THM)	g/m ³	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Chloroform MAV ratio		< 0.018	< 0.018	< 0.018	< 0.018	< 0.018
Bromodichloromethane MAV ratio		< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Dibromochloromethane MAV ratio		< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Bromoform MAV ratio		< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Sum of THM MAV ratios (NZ DW Stds)		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Org LCMS, trace level						
Aldicarb	g/m ³	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
Aldicarb sulfone	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Aldicarb sulfoxide	g/m ³	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Oryzalin	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Carbendazim	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Isoproturon	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Oxamyl	g/m ³	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Primisulfuron-methyl	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Thiabendazole	g/m ³	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Multiresidue Extra Pesticides Trace in Water samples by Liq/liq						
Bendiocarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Benodanil	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Bifenthrin	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Bromophos-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Bupirimate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Buprofezin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Captafol	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Carbofenthion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorfenvinphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorpropham	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chlozolinate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Coumaphos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Cyproconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Cyprodinil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlobenil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlofenthion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dicofol	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dicrotophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dinocap	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
EPN	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Ethion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Etrimfos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Famphur	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenarimol	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenitrothion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenpropathrin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fensulfothion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenvalerate (including Esfenvalerate)	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Folpet	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Hexythiazox	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Imazalil	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indoxacarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Iodofenphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Isazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Isofenphos	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Leptophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Multiresidue Extra Pesticides Trace in Water samples by Liq/liq						
Methacrifos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methidathion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methiocarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Mevinphos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Nitrofen	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Nitrothal-isopropyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Oxychlordane	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Penconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Phosmet	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Phosphamidon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Propetamphos	g/m ³	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Propham	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prothiofos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrifenox	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrimethanil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Quintozene	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Sulfotep	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Tebufenpyrad	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Tetrachlorvinphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Triadimefon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Organochlorine Pesticides Trace in Water, By Liq/Liq						
Aldrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
alpha-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
beta-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
delta-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
gamma-BHC (Lindane)	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
cis-Chlordane	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
trans-Chlordane	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
2,4'-DDD	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDD	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
2,4'-DDE	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDE	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
2,4'-DDT	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDT	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Total DDT Isomers	g/m ³	< 0.00006	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Dieldrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endosulfan I	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endosulfan II	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endosulfan sulphate	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endrin aldehyde	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endrin ketone	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Heptachlor	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Heptachlor epoxide	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Hexachlorobenzene	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methoxychlor	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Polycyclic Aromatic Hydrocarbons Trace in Water, By Liq/Liq						
Acenaphthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Acenaphthylene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[a]anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[a]pyrene (BAP)	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Polycyclic Aromatic Hydrocarbons Trace in Water, By Liq/Liq						
Benzo[b]fluoranthene + Benzo[j]fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[g,h,i]perylene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[k]fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Chrysene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Dibenzo[a,h]anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Fluorene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Indeno(1,2,3-c,d)pyrene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Naphthalene	g/m ³	< 0.000002	< 0.000002	< 0.000002	< 0.000002	< 0.000002
Phenanthrene	g/m ³	< 0.000008	< 0.000008	< 0.000008	< 0.000008	< 0.000008
Pyrene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Haloethers Trace in SVOC Water Samples by GC-MS						
Bis(2-chloroethoxy) methane	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-chloroethyl)ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-chloroisopropyl)ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Bromophenyl phenyl ether	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Chlorophenyl phenyl ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrogen containing compounds Trace in SVOC Water Samples, GC-MS						
2,4-Dinitrotoluene	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,6-Dinitrotoluene	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Nitrobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
N-Nitrosodi-n-propylamine	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
N-Nitrosodiphenylamine + Diphenylamine	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Organochlorine Pesticides Trace in SVOC Water Samples by GC-MS						
Aldrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
alpha-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
beta-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
delta-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
gamma-BHC (Lindane)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDD	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDE	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDT	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dieldrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Endosulfan I	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endosulfan II	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endosulfan sulphate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Endrin ketone	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Heptachlor	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Heptachlor epoxide	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Polycyclic Aromatic Hydrocarbons Trace in SVOC Water Samples						
Acenaphthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Acenaphthylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[a]anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[a]pyrene (BAP)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[b]fluoranthene + Benzo[j]fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[g,h,i]perylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[k]fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1&2-Chloronaphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chrysene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Polycyclic Aromatic Hydrocarbons Trace in SVOC Water Samples						
Dibenzo[a,h]anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Indeno(1,2,3-c,d)pyrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
2-Methylnaphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Naphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Phenanthrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Pyrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Phenols Trace (drinkingwater) in SVOC Water Samples by GC-MS						
2-Chlorophenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4-Dichlorophenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,6-Trichlorophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Phenols Trace (non-drinkingwater) in SVOC Water Samples by GC-MS						
4-Chloro-3-methylphenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,4-Dimethylphenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
3 & 4-Methylphenol (m- + p-cresol)	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2-Methylphenol (o-Cresol)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Nitrophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Pentachlorophenol (PCP)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Phenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,4,5-Trichlorophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Plasticisers Trace (non-drinkingwater) in SVOC Water by GCMS						
Butylbenzylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Diethylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dimethylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Di-n-butylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Di-n-octylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Plasticisers Trace (drinkingwater) in SVOC Water Samples by GCMS						
Bis(2-ethylhexyl)phthalate	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Di(2-ethylhexyl)adipate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Other Halogenated compounds Trace (drinkingwater) in SVOC Water						
1,2-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,3-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,4-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Other Halogenated compounds Trace (non-drinkingwater) in SVOC						
Hexachlorobutadiene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachloroethane	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2,4-Trichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Other SVOC Trace in SVOC Water Samples by GC-MS						
Benzyl alcohol	g/m ³	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbazole	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenzofuran	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Isophorone	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
BTEX in VOC Water by Headspace GC-MS						
Benzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Ethylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
m&p-Xylene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
o-Xylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Halogenated Aliphatics in VOC Water by Headspace GC-MS						
Bromomethane (Methyl Bromide)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Carbon tetrachloride	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Halogenated Aliphatics in VOC Water by Headspace GC-MS						
Chloromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dibromo-3-chloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dibromoethane (ethylene dibromide, EDB)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dibromomethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dichlorodifluoromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
cis-1,2-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
trans-1,2-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dichloromethane (methylene chloride)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3-Dichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloropropene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
cis-1,3-Dichloropropene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
trans-1,3-Dichloropropene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachlorobutadiene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,1,2-Tetrachloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,1,2,2-Tetrachloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Tetrachloroethene (tetrachloroethylene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,1-Trichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,2-Trichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichloroethene (trichloroethylene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichlorofluoromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,3-Trichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,2-Trichlorotrifluoroethane (Freon 113)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Vinyl chloride	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Halogenated Aromatics in VOC Water by Headspace GC-MS						
Chlorobenzene (monochlorobenzene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,4-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,3-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,4-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3,5-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Bromobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
2-Chlorotoluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Chlorotoluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Monoaromatic Hydrocarbons in VOC Water by Headspace GC-MS						
n-Butylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
tert-Butylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Isopropyltoluene (p-Cymene)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Isopropylbenzene (Cumene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
n-Propylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
sec-Butylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Styrene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2,4-Trimethylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3,5-Trimethylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Ketones in VOC Water by Headspace GC-MS						
Acetone	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Butanone (MEK)	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl tert-butylether (MTBE)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Methylpentan-2-one (MIBK)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Sample Type: Potable Water						
Sample Name:		ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am	KAH-SCE 17-Sep-2025 12:51 pm
Lab Number:		3990136.1	3990136.2	3990136.3	3990136.4	3990136.5
Trihalomethanes in VOC Water by Headspace GC-MS						
Bromodichloromethane	g/m³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Bromoform (tribromomethane)	g/m³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chloroform (Trichloromethane)	g/m³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dibromochloromethane	g/m³	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Other VOC in Water by Headspace GC-MS						
Carbon disulphide	g/m³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Naphthalene	g/m³	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am	
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9	
Individual Tests						
Total Mercury	g/m³	< 0.00011	< 0.00011	< 0.00011	< 0.00011	
Bromate	g/m³	< 0.005	< 0.005	< 0.005	< 0.005	
Total Cyanide	g/m³	< 0.002	< 0.002	< 0.002	< 0.002	
Cyanogen Chloride**	mg/L as CN ⁻	< 0.005	< 0.005	< 0.005	< 0.005	
Chlorite	g/m³	< 0.005	< 0.005	< 0.005	< 0.005	
Chlorate	g/m³	< 0.005	< 0.005	< 0.005	< 0.005	
Fluoride	g/m³	< 0.05	0.46	0.06	0.36	
Sulphate	g/m³	2.0	2.9	3.1	10.2	
1080†	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005	
Epichlorohydrin†	g/m³	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Amine Acid Chelating Agents in Potable Water by GCMS						
Ethylenediaminetetraacetic acid (EDTA)	g/m³	< 0.05	< 0.05	< 0.05	< 0.05	
Nitrilotriacetic acid (NTA)	g/m³	< 0.05	< 0.05	< 0.05	< 0.05	
OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS						
Acetochlor	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Alachlor	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Atrazine	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Atrazine-desethyl	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Atrazine-desisopropyl	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Azaconazole	g/m³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	
Azinphos-methyl	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Benalaxyl	g/m³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	
Bitertanol	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Bromacil	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Bromopropylate	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Butachlor	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Captan	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Carbaryl	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Carbofenothion	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Carbofuran	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Chlorfluazuron	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Chlorothalonil	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Chlorpyrifos	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Chlorpyrifos-methyl	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Chlortoluron	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Cyanazine	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Cyfluthrin	g/m³	< 0.00010	< 0.00010	< 0.00010	< 0.00010	
Cyhalothrin	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	
Cypermethrin	g/m³	< 0.00008	< 0.00008	< 0.00008	< 0.00008	
Deltamethrin (including Tralomethrin)	g/m³	< 0.00006	< 0.00006	< 0.00006	< 0.00006	
Diazinon	g/m³	< 0.00002	< 0.00002	< 0.00002	< 0.00002	
Dichlofluanid	g/m³	< 0.00004	< 0.00004	< 0.00004	< 0.00004	

Sample Type: Potable Water					
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS					
Dichloran	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dichlorvos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Difenoconazole	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Dimethoate	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Diphenylamine	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Diuron	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenpropimorph	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluazifop-butyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluometuron	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Flusilazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fluvalinate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Furalaxyl	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Haloxyfop-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Hexaconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Hexazinone	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
IPBC (3-Iodo-2-propynyl-n-butylcarbamate)	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Kresoxim-methyl	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Linuron	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Malathion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metalaxyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metolachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Metribuzin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Molinate	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Myclobutanil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Naled	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Norflurazon	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Oxadiazon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Oxyfluorfen	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Paclobutrazol	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Parathion-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Parathion-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pendimethalin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Permethrin	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Pirimicarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pirimiphos-methyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prochloraz	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Procymidone	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prometryn	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Propachlor	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Propanil	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Propazine	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Propiconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyriproxyfen	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Quizalofop-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Simazine	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Simetryn	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Sulfentrazone	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
TCMTB [2-(thiocyanomethylthio)benzothiazole, Busan]	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Tebuconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbacil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbumeton	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Terbuthylazine	g/m ³	< 0.00002	< 0.00002	0.00003	< 0.00002
Terbuthylazine-desethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004

Sample Type: Potable Water					
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
OrganoNitrogen & Phosphorus pesticides, trace, liq/liq GCMS					
Terbutryn	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Thiabendazole	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Thiobencarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Tolyfluanid	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Triazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Trifluralin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Vinclozolin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Extended metals suite, as received, trace					
Aluminium	g/m ³	< 0.003	< 0.003	0.012	0.013
Antimony	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Arsenic	g/m ³	< 0.0010	0.0023	0.0017	0.0013
Barium	g/m ³	0.041	< 0.005	0.013	< 0.005
Boron	g/m ³	< 0.05	< 0.05	0.23	< 0.05
Cadmium	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Caesium	g/m ³	0.00050	0.0067	0.0115	0.00040
Calcium	g/m ³	3.8	3.5	2.4	2.2
Chromium	g/m ³	0.0008	< 0.0005	< 0.0005	< 0.0005
Cobalt	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Copper	g/m ³	< 0.0005	0.0033	0.0017	0.0031
Iron	g/m ³	< 0.02	0.02	0.02	< 0.02
Lanthanum	g/m ³	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Lead	g/m ³	< 0.00010	0.00016	0.00042	0.00030
Lithium	g/m ³	0.0089	0.035	0.179	0.024
Magnesium	g/m ³	2.0	4.4	1.61	2.2
Manganese	g/m ³	< 0.0005	< 0.0005	0.0112	0.0007
Molybdenum	g/m ³	< 0.0002	0.0006	< 0.0002	0.0004
Nickel	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Potassium	g/m ³	2.4	2.9	3.4	2.9
Rubidium	g/m ³	0.0072	0.0194	0.0183	0.0044
Selenium	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Silver	g/m ³	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Sodium	g/m ³	9.9	9.7	23	16.8
Strontium	g/m ³	0.029	0.0162	0.0163	0.0069
Thallium	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Tin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Uranium	g/m ³	0.00002	0.00007	< 0.00002	0.00004
Vanadium	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Zinc	g/m ³	0.0022	0.0131	0.0125	0.038
Hydrogen sulphide trace level profile*					
pH	pH Units	6.5	6.6	7.4	6.9
Electrical Conductivity (EC)	mS/m	9.5	11.1	15.5	11.9
Sample Temperature*	°C	20.0	20.0	20.0	20.0
Un-ionised hydrogen sulphide	g/m ³	< 0.002	< 0.002	< 0.002	< 0.002
Total Sulphide	g/m ³	< 0.002	< 0.002	< 0.002	< 0.002
Chloramines					
Monochloramine	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05 #1
Dichloramine	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05 #1
Trichloramine	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05 #1
Acrylamide in drinking water by LCMSMS in Organics, trace level					
Acrylamide	g/m ³	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Acid Herbicides Screen in Water by LCMSMS					
Acifluorfen	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bentazone	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromoxynil	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004

Sample Type: Potable Water					
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
Acid Herbicides Screen in Water by LCMSMS					
Clopyralid	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4-Dichlorophenoxyacetic acid (24D)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4-Dichlorophenoxybutyric acid (24DB)	g/m ³	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Dicamba	g/m ³	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Dichloroprop	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Fluazifop	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Fluroxypyr	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Haloxypop	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2-methyl-4-chlorophenoxyacetic acid (MCPA)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2-methyl-4-chlorophenoxybutanoic acid (MCPB)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Mecoprop	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Oryzalin	g/m ³	< 0.0006	< 0.0006	< 0.0006	< 0.0006
2,3,4,6-Tetrachlorophenol (TCP)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4,5-Trichlorophenoxypropionic acid (245TP, Fenoprop, Silvex)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
2,4,5-Trichlorophenoxyacetic acid (245T)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pentachlorophenol (PCP)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Picloram	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Quizalofop	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Triclopyr	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Halogenated Acetic Acids in Water by GC-MS					
Bromochloroacetic acid	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Dibromoacetic acid	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Dichloroacetic acid	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Monobromoacetic acid	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Monochloroacetic acid	g/m ³	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroacetic acid	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Total HAA	g/m ³	< 0.03	< 0.03	< 0.03	< 0.03
Halogenated Volatile Disinfection By-Products in Water by GCMS					
Bromochloroacetonitrile	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromodichloromethane	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromoform (tribromomethane)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Carbon tetrachloride	g/m ³	< 0.0007	< 0.0007	< 0.0007	< 0.0007
Chloroform (Trichloromethane)	g/m ³	< 0.007	< 0.007	< 0.007	< 0.007
Chloropicrin	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,2-Dibromo-3-chloropropane	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dibromoacetonitrile	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dibromochloromethane	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,2-Dibromoethane (ethylene dibromide, EDB)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloro-2-propanone	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Dichloroacetonitrile	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Tetrachloroethene (tetrachloroethylene)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,1,1-Trichloro-2-propanone	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Trichloroacetonitrile	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
1,1,1-Trichloroethane	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Trichloroethene (trichloroethylene)	g/m ³	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Total Trihalomethanes (THM)	g/m ³	< 0.007	< 0.007	< 0.007	< 0.007
Chloroform MAV ratio		< 0.018	< 0.018	< 0.018	< 0.018
Bromodichloromethane MAV ratio		< 0.007	< 0.007	< 0.007	< 0.007
Dibromochloromethane MAV ratio		< 0.003	< 0.003	< 0.003	< 0.003
Bromoform MAV ratio		< 0.004	< 0.004	< 0.004	< 0.004
Sum of THM MAV ratios (NZ DW Stds)		< 0.02	< 0.02	< 0.02	< 0.02

Sample Type: Potable Water					
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Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
Org LCMS, trace level					
Aldicarb	g/m ³	< 0.006	< 0.006	< 0.006	< 0.006
Aldicarb sulfone	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003
Aldicarb sulfoxide	g/m ³	< 0.007	< 0.007	< 0.007	< 0.007
Oryzalin	g/m ³	< 0.004	< 0.004	< 0.004	< 0.004
Carbendazim	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003
Isoproturon	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003
Oxamyl	g/m ³	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Primisulfuron-methyl	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003
Thiabendazole	g/m ³	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Multiresidue Extra Pesticides Trace in Water samples by Liq/liq					
Bendiocarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Benodanil	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Bifenthrin	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Bromophos-ethyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Bupirimate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Buprofezin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Captafol	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Carbofenothion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorfenvinphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Chlorpropham	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chlozolinate	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Coumaphos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Cyproconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Cyprodinil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlobenil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dichlofenthion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dicofol	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dicrotophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Dinocap	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
EPN	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Ethion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Etrimfos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Famphur	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenarimol	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenitrothion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenpropathrin	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fensulfothion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Fenvalerate (including Esfenvalerate)	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Folpet	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Hexythiazox	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Imazalil	g/m ³	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indoxacarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Iodofenphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Isazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Isofenphos	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Leptophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methacrifos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methidathion	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methiocarb	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Mevinphos	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Nitrofen	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Nitrothal-isopropyl	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Oxychlordane	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Penconazole	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Phosmet	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004

Sample Type: Potable Water					
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Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
Multiresidue Extra Pesticides Trace in Water samples by Liq/liq					
Phosphamidon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Propetamphos	g/m ³	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Propham	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Prothiofos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrazophos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrifenox	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Pyrimethanil	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Quintozene	g/m ³	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Sulfotep	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Tebufenpyrad	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Tetrachlorvinphos	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Triadimefon	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Organochlorine Pesticides Trace in Water, By Liq/Liq					
Aldrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
alpha-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
beta-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
delta-BHC	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
gamma-BHC (Lindane)	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
cis-Chlordane	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
trans-Chlordane	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
2,4'-DDD	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDD	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
2,4'-DDE	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDE	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
2,4'-DDT	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
4,4'-DDT	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Total DDT Isomers	g/m ³	< 0.00006	< 0.00006	< 0.00006	< 0.00006
Dieldrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endosulfan I	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endosulfan II	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endosulfan sulphate	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Endrin	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endrin aldehyde	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Endrin ketone	g/m ³	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Heptachlor	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Heptachlor epoxide	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Hexachlorobenzene	g/m ³	< 0.00004	< 0.00004	< 0.00004	< 0.00004
Methoxychlor	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Polycyclic Aromatic Hydrocarbons Trace in Water, By Liq/Liq					
Acenaphthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Acenaphthylene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[a]anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[a]pyrene (BAP)	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[b]fluoranthene + Benzo[j]fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[g,h,i]perylene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Benzo[k]fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Chrysene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Dibenzo[a,h]anthracene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Fluoranthene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Fluorene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Indeno(1,2,3-c,d)pyrene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Naphthalene	g/m ³	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Phenanthrene	g/m ³	< 0.000008	< 0.000008	< 0.000008	< 0.000008

Sample Type: Potable Water					
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Polycyclic Aromatic Hydrocarbons Trace in Water, By Liq/Liq					
Pyrene	g/m ³	< 0.000005	< 0.000005	< 0.000005	< 0.000005
Haloethers Trace in SVOC Water Samples by GC-MS					
Bis(2-chloroethoxy) methane	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-chloroethyl)ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-chloroisopropyl)ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Bromophenyl phenyl ether	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Chlorophenyl phenyl ether	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrogen containing compounds Trace in SVOC Water Samples, GC-MS					
2,4-Dinitrotoluene	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,6-Dinitrotoluene	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Nitrobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
N-Nitrosodi-n-propylamine	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
N-Nitrosodiphenylamine + Diphenylamine	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Organochlorine Pesticides Trace in SVOC Water Samples by GC-MS					
Aldrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
alpha-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
beta-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
delta-BHC	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
gamma-BHC (Lindane)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDD	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDE	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4,4'-DDT	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dieldrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Endosulfan I	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endosulfan II	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endosulfan sulphate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Endrin	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Endrin ketone	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Heptachlor	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Heptachlor epoxide	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Polycyclic Aromatic Hydrocarbons Trace in SVOC Water Samples					
Acenaphthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Acenaphthylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[a]anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[a]pyrene (BAP)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[b]fluoranthene + Benzo[j]fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[g,h,i]perylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo[k]fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1&2-Chloronaphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chrysene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dibenzo[a,h]anthracene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluoranthene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Indeno(1,2,3-c,d)pyrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
2-Methylnaphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Naphthalene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Phenanthrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Pyrene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Phenols Trace (drinkingwater) in SVOC Water Samples by GC-MS					
2-Chlorophenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4-Dichlorophenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,6-Trichlorophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010

Sample Type: Potable Water					
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
Phenols Trace (non-drinkingwater) in SVOC Water Samples by GC-MS					
4-Chloro-3-methylphenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,4-Dimethylphenol	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
3 & 4-Methylphenol (m- + p-cresol)	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2-Methylphenol (o-Cresol)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Nitrophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Pentachlorophenol (PCP)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010
Phenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
2,4,5-Trichlorophenol	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Plasticisers Trace (non-drinkingwater) in SVOC Water by GCMS					
Butylbenzylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Diethylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Dimethylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Di-n-butylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Di-n-octylphthalate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Plasticisers Trace (drinkingwater) in SVOC Water Samples by GCMS					
Bis(2-ethylhexyl)phthalate	g/m ³	< 0.003	< 0.003	< 0.003	< 0.003
Di(2-ethylhexyl)adipate	g/m ³	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Other Halogenated compounds Trace (drinkingwater) in SVOC Water					
1,2-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,3-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,4-Dichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Other Halogenated compounds Trace (non-drinkingwater) in SVOC					
Hexachlorobutadiene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachloroethane	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2,4-Trichlorobenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Other SVOC Trace in SVOC Water Samples by GC-MS					
Benzyl alcohol	g/m ³	< 0.005	< 0.005	< 0.005	< 0.005
Carbazole	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenzofuran	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Isophorone	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
BTEX in VOC Water by Headspace GC-MS					
Benzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Ethylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
m&p-Xylene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
o-Xylene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Halogenated Aliphatics in VOC Water by Headspace GC-MS					
Bromomethane (Methyl Bromide)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Carbon tetrachloride	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chloromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dibromo-3-chloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dibromoethane (ethylene dibromide, EDB)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dibromomethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dichlorodifluoromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
cis-1,2-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
trans-1,2-Dichloroethene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dichloromethane (methylene chloride)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010
1,2-Dichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3-Dichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003

Sample Type: Potable Water					
Sample Name:		NGO-SCE 17-Sep-2025 11:55 am	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am	ROTE-SCE 18-Sep-2025 11:58 am
Lab Number:		3990136.6	3990136.7	3990136.8	3990136.9
Halogenated Aliphatics in VOC Water by Headspace GC-MS					
1,1-Dichloropropene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
cis-1,3-Dichloropropene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
trans-1,3-Dichloropropene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Hexachlorobutadiene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,1,2-Tetrachloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,2,2-Tetrachloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Tetrachloroethene (tetrachloroethylene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,1-Trichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,2-Trichloroethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichloroethene (trichloroethylene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichlorofluoromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,3-Trichloropropane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,1,2-Trichlorotrifluoroethane (Freon 113)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Vinyl chloride	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Halogenated Aromatics in VOC Water by Headspace GC-MS					
Chlorobenzene (monochlorobenzene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,4-Dichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,3-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,2,4-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3,5-Trichlorobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Bromobenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
2-Chlorotoluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Chlorotoluene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Monoaromatic Hydrocarbons in VOC Water by Headspace GC-MS					
n-Butylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
tert-Butylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Isopropyltoluene (p-Cymene)	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Isopropylbenzene (Cumene)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
n-Propylbenzene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
sec-Butylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Styrene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2,4-Trimethylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
1,3,5-Trimethylbenzene	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Ketones in VOC Water by Headspace GC-MS					
Acetone	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05
2-Butanone (MEK)	g/m ³	< 0.05	< 0.05	< 0.05	< 0.05
Methyl tert-butylether (MTBE)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
4-Methylpentan-2-one (MIBK)	g/m ³	< 0.010	< 0.010	< 0.010	< 0.010
Trihalomethanes in VOC Water by Headspace GC-MS					
Bromodichloromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Bromoform (tribromomethane)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Chloroform (Trichloromethane)	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Dibromochloromethane	g/m ³	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Other VOC in Water by Headspace GC-MS					
Carbon disulphide	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Naphthalene	g/m ³	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Sample Type: Potable Water					
Sample Name:			ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am	
Lab Number:			3990136.1	3990136.2	

Sample Type: Potable Water				
		Sample Name:	ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am
		Lab Number:	3990136.1	3990136.2
PFAS in Water (Trace) - Summary				
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
PFHxS+PFOS	The numerical sum of Total PFHxS and Total PFOS	µg/L	< 0.0010	< 0.0010
Total PFAS	Total of Reported PFAS in Water	µg/L	< 0.06	< 0.06
PFAS in Water (Trace) - Perfluorocarboxylic Acids				
PFBA	Perfluorobutanoic acid	µg/L	< 0.0010	< 0.0010
PFPeA	Perfluoropentanoic acid	µg/L	< 0.0010	< 0.0010
PFHxA	Perfluorohexanoic acid	µg/L	< 0.0010	< 0.0010
PFHpA	Perfluoroheptanoic acid	µg/L	< 0.0010	< 0.0010
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFNA	Perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
PFDA	Perfluorodecanoic acid	µg/L	< 0.0010	< 0.0010
PFUnDA	Perfluoroundecanoic acid	µg/L	< 0.0010	< 0.0010
PFDoDA	Perfluorododecanoic acid	µg/L	< 0.0010	< 0.0010
PFTrDA	Perfluorotridecanoic acid	µg/L	< 0.0010	< 0.0010
PFTeDA	Perfluorotetradecanoic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Perfluorosulfonic Acids				
L-PFPrS	Perfluoropropanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFBS	Perfluorobutanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFPeS	Perfluoropentanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFHxS	Perfluorohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFHxS	Perfluorohexanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFHxS	Perfluorohexanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFHpS	Perfluoroheptanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFOS	Perfluorooctanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFOS	Perfluorooctanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFNS	Perfluorononanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDS	Perfluorodecanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDoS	Perfluorododecanesulfonic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids				
4:2 FTS	4:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
6:2 FTS	6:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
8:2 FTS	8:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
10:2 FTS	10:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Fluorotelomer Carboxylic Acid				
3:3 FTCA	3:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
5:3 FTCA	5:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
7:3 FTCA	7:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Miscellaneous				
11Cl-PF3OUdS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
9Cl-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
ADONA	4,8-Dioxo-3H-perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
HFPO-DA	Hexafluoropropylene oxide dimer acid	µg/L	< 0.002	< 0.002
NFDHA	Nonafluoro-3,6-dioxaheptanoic acid	µg/L	< 0.005	< 0.005
PFEESA	Perfluoro[2-ethoxyethane]sulfonic acid	µg/L	< 0.0010	< 0.0010
PFMPA	Perfluoro-3-methoxypropanoic acid	µg/L	< 0.0010	< 0.0010
PFMBA	Perfluoro-4-methoxybutanoic acid	µg/L	< 0.0010	< 0.0010
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
FOSA	Perfluorooctanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSA	N-methylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NEtFOSA	N-ethylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSE	2-[N-methylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010

Sample Type: Potable Water				
		Sample Name:	ROTC-1-SCE 17-Sep-2025 9:48 am	ROTC-2-SCE 17-Sep-2025 9:33 am
		Lab Number:	3990136.1	3990136.2
PFAS in Water (Trace) - Miscellaneous				
NEtFOSE	2-[N-ethylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
PFECHS	Perfluoro-4-ethylcyclohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	µg/L	< 0.0010	< 0.0010
		Sample Name:	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am
		Lab Number:	3990136.3	3990136.4
PFAS in Water (Trace) - Summary				
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
PFHxS+PFOS	The numerical sum of Total PFHxS and Total PFOS	µg/L	< 0.0010	< 0.0010
Total PFAS	Total of Reported PFAS in Water	µg/L	< 0.06	< 0.06
PFAS in Water (Trace) - Perfluorocarboxylic Acids				
PFBA	Perfluorobutanoic acid	µg/L	< 0.0010	< 0.0010
PFPeA	Perfluoropentanoic acid	µg/L	< 0.0010	< 0.0010
PFHxA	Perfluorohexanoic acid	µg/L	< 0.0010	< 0.0010
PFHpA	Perfluoroheptanoic acid	µg/L	< 0.0010	< 0.0010
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFNA	Perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
PFDA	Perfluorodecanoic acid	µg/L	< 0.0010	< 0.0010
PFUnDA	Perfluoroundecanoic acid	µg/L	< 0.0010	< 0.0010
PFDoDA	Perfluorododecanoic acid	µg/L	< 0.0010	< 0.0010
PFTrDA	Perfluorotridecanoic acid	µg/L	< 0.0010	< 0.0010
PFTeDA	Perfluorotetradecanoic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Perfluorosulfonic Acids				
L-PFPrS	Perfluoropropanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFBS	Perfluorobutanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFPeS	Perfluoropentanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFHxS	Perfluorohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFHxS	Perfluorohexanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFHxS	Perfluorohexanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFHpS	Perfluoroheptanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFOS	Perfluorooctanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFOS	Perfluorooctanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFNS	Perfluorononanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDS	Perfluorodecanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDoS	Perfluorododecanesulfonic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids				
4:2 FTS	4:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
6:2 FTS	6:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
8:2 FTS	8:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
10:2 FTS	10:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Fluorotelomer Carboxylic Acid				
3:3 FTCA	3:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
5:3 FTCA	5:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
7:3 FTCA	7:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Miscellaneous				
11Cl-PF3OUdS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
9Cl-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
ADONA	4,8-Dioxa-3H-perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
HFPO-DA	Hexafluoropropylene oxide dimer acid	µg/L	< 0.002	< 0.002
NFDHA	Nonfluoro-3,6-dioxaheptanoic acid	µg/L	< 0.005	< 0.005
PFEEESA	Perfluoro[2-ethoxyethane]sulfonic acid	µg/L	< 0.0010	< 0.0010
PFMPA	Perfluoro-3-methoxypropanoic acid	µg/L	< 0.0010	< 0.0010

Sample Type: Potable Water				
		Sample Name:	MAM- B4-SCE 17-Sep-2025 11:05 am	MAM-B6-SCE 17-Sep-2025 11:16 am
		Lab Number:	3990136.3	3990136.4
PFAS in Water (Trace) - Miscellaneous				
PFMBA	Perfluoro-4-methoxybutanoic acid	µg/L	< 0.0010	< 0.0010
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
FOSA	Perfluorooctanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSA	N-methylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NEtFOSA	N-ethylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSE	2-[N-methylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
NEtFOSE	2-[N-ethylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
PFECHS	Perfluoro-4-ethylcyclohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	µg/L	< 0.0010	< 0.0010
		Sample Name:	KAH-SCE 17-Sep-2025 12:51 pm	NGO-SCE 17-Sep-2025 11:55 am
		Lab Number:	3990136.5	3990136.6
PFAS in Water (Trace) - Summary				
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
PFHxS+PFOS	The numerical sum of Total PFHxS and Total PFOS	µg/L	< 0.0010	< 0.0010
Total PFAS	Total of Reported PFAS in Water	µg/L	< 0.06	< 0.06
PFAS in Water (Trace) - Perfluorocarboxylic Acids				
PFBA	Perfluorobutanoic acid	µg/L	< 0.0010	< 0.0010
PFPeA	Perfluoropentanoic acid	µg/L	< 0.0010	< 0.0010
PFHxA	Perfluorohexanoic acid	µg/L	< 0.0010	< 0.0010
PFHpA	Perfluoroheptanoic acid	µg/L	< 0.0010	< 0.0010
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFNA	Perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
PFDA	Perfluorodecanoic acid	µg/L	< 0.0010	< 0.0010
PFUnDA	Perfluoroundecanoic acid	µg/L	< 0.0010	< 0.0010
PFDoDA	Perfluorododecanoic acid	µg/L	< 0.0010	< 0.0010
PFTTrDA	Perfluorotridecanoic acid	µg/L	< 0.0010	< 0.0010
PFTeDA	Perfluorotetradecanoic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Perfluorosulfonic Acids				
L-PFPrS	Perfluoropropanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFBS	Perfluorobutanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFPeS	Perfluoropentanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFHxS	Perfluorohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFHxS	Perfluorohexanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFHxS	Perfluorohexanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFHpS	Perfluoroheptanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFOS	Perfluorooctanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFOS	Perfluorooctanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFNS	Perfluorononanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDS	Perfluorodecanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDoS	Perfluorododecanesulfonic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids				
4:2 FTS	4:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
6:2 FTS	6:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
8:2 FTS	8:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
10:2 FTS	10:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Fluorotelomer Carboxylic Acid				
3:3 FTCA	3:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
5:3 FTCA	5:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
7:3 FTCA	7:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002

Sample Type: Potable Water				
		Sample Name:	KAH-SCE 17-Sep-2025 12:51 pm	NGO-SCE 17-Sep-2025 11:55 am
		Lab Number:	3990136.5	3990136.6
PFAS in Water (Trace) - Miscellaneous				
11CI-PF3OUdS	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
9CI-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
ADONA	4,8-Dioxa-3H-perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
HFPO-DA	Hexafluoropropylene oxide dimer acid	µg/L	< 0.002	< 0.002
NFDHA	Nonafluoro-3,6-dioxaheptanoic acid	µg/L	< 0.005	< 0.005
PFEESA	Perfluoro[2-ethoxyethane]sulfonic acid	µg/L	< 0.0010	< 0.0010
PFMPA	Perfluoro-3-methoxypropanoic acid	µg/L	< 0.0010	< 0.0010
PFMBA	Perfluoro-4-methoxybutanoic acid	µg/L	< 0.0010	< 0.0010
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
FOSA	Perfluorooctanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSA	N-methylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NEtFOSA	N-ethylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSE	2-[N-methylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
NEtFOSE	2-[N-ethylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
PFECHS	Perfluoro-4-ethylcyclohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	µg/L	< 0.0010	< 0.0010
		Sample Name:	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am
		Lab Number:	3990136.7	3990136.8
PFAS in Water (Trace) - Summary				
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
PFHxS+PFOS	The numerical sum of Total PFHxS and Total PFOS	µg/L	< 0.0010	< 0.0010
Total PFAS	Total of Reported PFAS in Water	µg/L	< 0.06	< 0.06
PFAS in Water (Trace) - Perfluorocarboxylic Acids				
PFBA	Perfluorobutanoic acid	µg/L	< 0.0010	< 0.0010
PFPeA	Perfluoropentanoic acid	µg/L	< 0.0010	< 0.0010
PFHxA	Perfluorohexanoic acid	µg/L	< 0.0010	< 0.0010
PFHpA	Perfluoroheptanoic acid	µg/L	< 0.0010	< 0.0010
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	< 0.0010
PFNA	Perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
PFDA	Perfluorodecanoic acid	µg/L	< 0.0010	< 0.0010
PFUnDA	Perfluoroundecanoic acid	µg/L	< 0.0010	< 0.0010
PFDoDA	Perfluorododecanoic acid	µg/L	< 0.0010	< 0.0010
PFTTrDA	Perfluorotridecanoic acid	µg/L	< 0.0010	< 0.0010
PFTeDA	Perfluorotetradecanoic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Perfluorosulfonic Acids				
L-PFPrS	Perfluoropropanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFBS	Perfluorobutanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFPeS	Perfluoropentanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFHxS	Perfluorohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFHxS	Perfluorohexanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFHxS	Perfluorohexanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFHpS	Perfluoroheptanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFOS	Perfluorooctanesulfonic acid	µg/L	< 0.0010	< 0.0010
B-PFOS	Perfluorooctanesulfonic acid - Branched	µg/L	< 0.0010	< 0.0010
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	< 0.0010
L-PFNS	Perfluorononanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDS	Perfluorodecanesulfonic acid	µg/L	< 0.0010	< 0.0010
L-PFDoS	Perfluorododecanesulfonic acid	µg/L	< 0.0010	< 0.0010
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids				
4:2 FTS	4:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
6:2 FTS	6:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002

Sample Type: Potable Water				
		Sample Name:	ROI-SCE 18-Sep-2025 11:35 am	ROM-SCE 18-Sep-2025 10:43 am
		Lab Number:	3990136.7	3990136.8
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids				
8:2 FTS	8:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
10:2 FTS	10:2 Fluorotelomersulfonic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Fluorotelomer Carboxylic Acid				
3:3 FTCA	3:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
5:3 FTCA	5:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
7:3 FTCA	7:3 Fluorotelomercarboxylic acid	µg/L	< 0.002	< 0.002
PFAS in Water (Trace) - Miscellaneous				
11Cl-PF3OUdS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
9Cl-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	µg/L	< 0.0010	< 0.0010
ADONA	4,8-Dioxa-3H-perfluorononanoic acid	µg/L	< 0.0010	< 0.0010
HFPO-DA	Hexafluoropropylene oxide dimer acid	µg/L	< 0.002	< 0.002
NFDHA	Nonafluoro-3,6-dioxaheptanoic acid	µg/L	< 0.005	< 0.005
PFEESA	Perfluoro[2-ethoxyethane]sulfonic acid	µg/L	< 0.0010	< 0.0010
PFMPA	Perfluoro-3-methoxypropanoic acid	µg/L	< 0.0010	< 0.0010
PFMBA	Perfluoro-4-methoxybutanoic acid	µg/L	< 0.0010	< 0.0010
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010	< 0.0010
FOSA	Perfluorooctanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSA	N-methylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NEtFOSA	N-ethylperfluoro-1-octanesulfonamide	µg/L	< 0.0010	< 0.0010
NMeFOSE	2-[N-methylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
NEtFOSE	2-[N-ethylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010	< 0.0010
PFECHS	Perfluoro-4-ethylcyclohexanesulfonic acid	µg/L	< 0.0010	< 0.0010
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	µg/L	< 0.0010	< 0.0010
			Sample Name:	ROTE-SCE 18-Sep-2025 11:58 am
			Lab Number:	3990136.9
PFAS in Water (Trace) - Summary				
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	
PFHxS+PFOS	The numerical sum of Total PFHxS and Total PFOS	µg/L	< 0.0010	
Total PFAS	Total of Reported PFAS in Water	µg/L	< 0.06	
PFAS in Water (Trace) - Perfluorocarboxylic Acids				
PFBA	Perfluorobutanoic acid	µg/L	< 0.0010	
PFPeA	Perfluoropentanoic acid	µg/L	< 0.0010	
PFHxA	Perfluorohexanoic acid	µg/L	< 0.0010	
PFHpA	Perfluoroheptanoic acid	µg/L	< 0.0010	
PFOA	Perfluorooctanoic acid	µg/L	< 0.0010	
PFNA	Perfluorononanoic acid	µg/L	< 0.0010	
PFDA	Perfluorodecanoic acid	µg/L	< 0.0010	
PFUnDA	Perfluoroundecanoic acid	µg/L	< 0.0010	
PFDoDA	Perfluorododecanoic acid	µg/L	< 0.0010	
PFTTrDA	Perfluorotridecanoic acid	µg/L	< 0.0010	
PFTeDA	Perfluorotetradecanoic acid	µg/L	< 0.0010	
PFAS in Water (Trace) - Perfluorosulfonic Acids				
L-PFPrS	Perfluoropropanesulfonic acid	µg/L	< 0.0010	
L-PFBS	Perfluorobutanesulfonic acid	µg/L	0.0016	
L-PFPeS	Perfluoropentanesulfonic acid	µg/L	< 0.0010	
L-PFHxS	Perfluorohexanesulfonic acid	µg/L	< 0.0010	
B-PFHxS	Perfluorohexanesulfonic acid - Branched	µg/L	< 0.0010	
PFHxS	Perfluorohexanesulfonic acid - Total	µg/L	< 0.0010	
L-PFHpS	Perfluoroheptanesulfonic acid	µg/L	< 0.0010	
L-PFOS	Perfluorooctanesulfonic acid	µg/L	< 0.0010	
B-PFOS	Perfluorooctanesulfonic acid - Branched	µg/L	< 0.0010	
PFOS	Perfluorooctanesulfonic acid - Total	µg/L	< 0.0010	

Sample Type: Potable Water			
		Sample Name:	ROTE-SCE 18-Sep-2025 11:58 am
		Lab Number:	3990136.9
PFAS in Water (Trace) - Perfluorosulfonic Acids			
L-PFNS	Perfluorononanesulfonic acid	µg/L	< 0.0010
L-PFDS	Perfluorodecanesulfonic acid	µg/L	< 0.0010
L-PFDoS	Perfluorododecanesulfonic acid	µg/L	< 0.0010
PFAS in Water (Trace) - Fluorotelomer sulfonic Acids			
4:2 FTS	4:2 Fluorotelomersulfonic acid	µg/L	< 0.002
6:2 FTS	6:2 Fluorotelomersulfonic acid	µg/L	< 0.002
8:2 FTS	8:2 Fluorotelomersulfonic acid	µg/L	< 0.002
10:2 FTS	10:2 Fluorotelomersulfonic acid	µg/L	< 0.002
PFAS in Water (Trace) - Fluorotelomer Carboxylic Acid			
3:3 FTCA	3:3 Fluorotelomercarboxylic acid	µg/L	< 0.002
5:3 FTCA	5:3 Fluorotelomercarboxylic acid	µg/L	< 0.002
7:3 FTCA	7:3 Fluorotelomercarboxylic acid	µg/L	< 0.002
PFAS in Water (Trace) - Miscellaneous			
11Cl-PF3OUdS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	µg/L	< 0.0010
9Cl-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	µg/L	< 0.0010
ADONA	4,8-Dioxa-3H-perfluorononanoic acid	µg/L	< 0.0010
HFPO-DA	Hexafluoropropylene oxide dimer acid	µg/L	< 0.002
NFDHA	Nonfluoro-3,6-dioxaheptanoic acid	µg/L	< 0.005
PFEESA	Perfluoro[2-ethoxyethane]sulfonic acid	µg/L	< 0.0010
PFMPA	Perfluoro-3-methoxypropanoic acid	µg/L	< 0.0010
PFMBA	Perfluoro-4-methoxybutanoic acid	µg/L	< 0.0010
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	µg/L	< 0.0010
FOSA	Perfluorooctanesulfonamide	µg/L	< 0.0010
NMeFOSA	N-methylperfluoro-1-octanesulfonamide	µg/L	< 0.0010
NEtFOSA	N-ethylperfluoro-1-octanesulfonamide	µg/L	< 0.0010
NMeFOSE	2-[N-methylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010
NEtFOSE	2-[N-ethylperfluoro-1-octanesulfonamido]-ethanol	µg/L	< 0.0010
PFECHS	Perfluoro-4-ethylcyclohexanesulfonic acid	µg/L	< 0.0010
P37DMOA	Perfluoro-3,7-dimethyloctanoic acid	µg/L	< 0.0010

Analyst's Comments

‡ Analysis subcontracted to an external provider. Refer to the Summary of Methods section for more details.

#1 It should be noted that the Chloramine analysis was not completed within 24 hours. We note that FAC should be analysed immediately when the sample is collected, and the timeframe between collection and analysis should be considered.

Appendix No.1 - Eurofins ELS Report

Appendix No.2 - Watercare Report

Summary of Methods

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively simple matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis. A detection limit range indicates the lowest and highest detection limits in the associated suite of analytes. A full listing of compounds and detection limits are available from the laboratory upon request. Unless otherwise indicated, analyses were performed at Hill Labs, 28 Duke Street, Frankton, Hamilton 3204.

Sample Type: Potable Water			
Test	Method Description	Default Detection Limit	Sample No
Individual Tests			
EDTA & NTA in water by liq/liq extraction	Derivatisation, liquid / liquid extraction, GC-MS analysis. In-house.	-	1-9
Total Digestion with HCl	Nitric/hydrochloric acid digestion. APHA 3030 E (modified) : Online Edition.	-	1-9

Sample Type: Potable Water			
Test	Method Description	Default Detection Limit	Sample No
pH	pH meter. APHA 4500-H ⁺ B (modified) : Online Edition. Note: It is not possible to achieve the APHA Maximum Storage Recommendation for this test (15 min) when samples are analysed upon receipt at the laboratory, and not in the field. Samples and Standards are analysed at an equivalent laboratory temperature (typically 18 to 22 °C). Temperature compensation is used.	0.1 pH Units	1-9
Electrical Conductivity (EC)	Conductivity meter, 25°C. APHA 2510 B : Online Edition.	0.1 mS/m	1-9
Sample Temperature*	A nominal sample temperature of 20°C has been assumed by the laboratory.	0.1 °C	1-9
Total Mercury	Acid digestion, ICP-MS, screen level. APHA 3125 B : Online Edition.	0.00011 g/m ³	1-9
Bromate	Sample analysed as received, filtered if required. Ion Chromatography. US EPA Method 300.1 Part B (modified).	0.005 g/m ³	1-9
Total Cyanide Trace	On-line distillation, colorimetry, trace level. ISO 14403:2012(E) (modified).	0.002 g/m ³	1-9
Cyanogen Chloride*	Subcontracted to Watercare Services Ltd., Auckland. APHA 4500-CN ⁻ J : Online Edition.	0.005 mg/L as CN ⁻	1-9
Chlorite	Sample analysed as received, filtered if required. Ion Chromatography. US EPA Method 300.1 Part B (modified).	0.005 g/m ³	1-9
Chlorate	Sample analysed as received, filtered if required. Ion Chromatography. US EPA Method 300.1 Part B (modified).	0.005 g/m ³	1-9
Fluoride	Direct measurement, ion selective electrode. APHA 4500-F ⁻ C : Online Edition.	0.05 g/m ³	1-9
Un-ionised hydrogen sulphide	Calculation from Total Sulphide, Electrical Conductivity, pH and Temperature*. *Note: For accurate calculation of the un-ionised Hydrogen Sulphide the sample temperature should be taken using a calibrated thermometer at the time of sampling and recorded on the paperwork submitted with the sample. If a sample temperature is not supplied, a nominal temperature of 20°C will show in the results table above and be used in the calculation. In this case, please interpret the un-ionised Hydrogen Sulphide result with caution. APHA 4500-S ²⁻ H (modified) : Online Edition.	0.002 g/m ³	1-9
Total Sulphide Trace	In-line distillation, segmented flow colorimetry. APHA 4500-S ²⁻ E (modified) : Online Edition.	0.002 g/m ³	1-9
Sulphate	Filtered sample. Ion Chromatography. APHA 4110 B (modified) : Online Edition.	0.5 g/m ³	1-9
1080	LCMS. Subcontracted to Watercare Services Ltd, Auckland. In house.	0.00005 mg/L	1-9
Epichlorohydrin	Method based on USEPA 8260. Sub-contracted to Eurofins ELS Limited, Lower Hutt.	0.0001 g/m ³	1-9
Amine Acid Chelating Agents in Potable Water by GCMS	Derivatisation, liquid / liquid extraction, GC-MS analysis. In-house.	0.05 g/m ³	1-9
Extended metals suite, as received, trace	Analysed as received (after acid preservation, if required), ICP-MS, trace level. APHA 3125 B (modified) : Online Edition.	0.00002 - 0.05 g/m ³	1-9
Acrylamide in drinking water by LCMSMS in Organics, trace level	LC-MS/MS analysis. In-house.	0.00005 g/m ³	1-9
Acid Herbicides Screen in Water by LCMSMS	LC-MS/MS analysis. In-house.	0.0003 - 0.0006 g/m ³	1-9
Halogenated Acetic Acids in Water by GC-MS	Solvent extraction, derivatisation, GC-MS analysis. In-house based on US EPA 552.	0.004 - 0.010 g/m ³	1-9
Halogenated Volatile Disinfection By-Products in Water by GCMS	Solvent extraction, GC-MS analysis. In-house based on US EPA 551.	0.0003 - 0.007 g/m ³	1-9
Org LCMS, trace level	LC-MS/MS analysis. In-house.	0.0004 - 0.006 g/m ³	1-9
Multiresidue Pesticides Trace in Water by Liq/liq GCMS	Liquid / liquid extraction, GC-ECD and GC-MS analysis. In-house based on US EPA 8081 and US EPA 8270.	-	1-9
Polycyclic Aromatic Hydrocarbons Trace in Water, By Liq/Liq	Liquid / liquid extraction, GC-MS/MS analysis. In-house based on US EPA 8270.	0.000005 g/m ³	1-9
Semivolatile Organic Compounds Trace in Water by GC-MS	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0003 - 0.010 g/m ³	1-9
Volatile Organic Compounds Trace in Water by Headspace GC-MS	Headspace GC-MS analysis. In-house based on US EPA 8260 and 5021.	0.0003 - 0.05 g/m ³	1-9
PFAS in Water (Trace)	Co-solution. LC-MS/MS analysis. In-house based on ASTM D8421.	-	1-9
Chloramines			

Sample Type: Potable Water			
Test	Method Description	Default Detection Limit	Sample No
Monochloramine	Colorimetric. APHA 4500-Cl G : Online Edition.	0.05 g/m ³	1-9
Dichloramine	Colorimetric. APHA 4500-Cl G : Online Edition.	0.05 g/m ³	1-9
Trichloramine	Colorimetric. APHA 4500-Cl G : Online Edition.	0.05 g/m ³	1-9
Multiresidue Extra Pesticides Trace in Water samples by Liq/liq			
Bendiocarb	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Benodanil	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Bifenthrin	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00002 g/m ³	1-9
Bromophos-ethyl	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Bupirimate	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Buprofezin	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Captafol	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0002 g/m ³	1-9
Chlorfenvinphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Chlorpropham	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Chlozolinate	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Coumaphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Cyproconazole	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Cyprodinil	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Dichlobenil	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Dichlofenthion	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Dicofol	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0002 g/m ³	1-9
Dicrotophos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Dinocap	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0003 g/m ³	1-9
EPN	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Ethion	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Etrinfos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Famphur	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Fenarimol	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Fenitrothion	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Fenpropathrin	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Fensulfothion	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Fenvalerate (including Esfenvalerate)	Liquid / liquid extraction, GC-MS analysis.	0.00004 g/m ³	1-9
Folpet	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Hexythiazox	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0002 g/m ³	1-9
Imazalil	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.0002 g/m ³	1-9
Indoxacarb	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Iodofenphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9

Sample Type: Potable Water			
Test	Method Description	Default Detection Limit	Sample No
Isazophos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Isofenphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00002 g/m ³	1-9
Leptophos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Methacrifos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Methidathion	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Methiocarb	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Mevinphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Nitrofen	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Nitrothal-isopropyl	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Oxychlordan	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00002 g/m ³	1-9
Penconazole	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Phosmet	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Phosphamidon	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Propetamphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00006 g/m ³	1-9
Propham	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Prothiofos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Pyrazophos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Pyrifeno	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Pyrimethanil	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Quintozone	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00008 g/m ³	1-9
Sulfotep	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Tebufenpyrad	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00002 g/m ³	1-9
Tetrachlorvinphos	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9
Triadimefon	Liquid / liquid extraction, GC-MS analysis. In-house based on US EPA 8270.	0.00004 g/m ³	1-9

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Testing was completed between 20-Sep-2025 and 09-Oct-2025. For completion dates of individual analyses please contact the laboratory.

Samples are held at the laboratory after reporting for a length of time based on the stability of the samples and analytes being tested (considering any preservation used), and the storage space available. Once the storage period is completed, the samples are discarded unless otherwise agreed with the customer. Extended storage times may incur additional charges.

This certificate of analysis must not be reproduced, except in full, without the written consent of the signatory.



Kim Harrison MSc
Client Services Manager - Environmental

Food & Water Testing
ANALYTICAL REPORT

REPORT CODEAR-25-NW-083266-01REPORT DATE30/09/2025

AttentionHill Laboratories Ltd - Hamilton
Customer Laboratories
28 Duke St
Private Bag 3205
3240 Hamilton
NEW ZEALAND
Phone(07) 858 2000
Emailsubcontracting@hill-labs.co.nz

Contact for your orders:Binu Chaudhary
Contract:Hamilton
Order code:EUNZWE-00279520
Purchase Order Number:PO106408

SAMPLE CODE812-2025-00158413

Sample Name3990136.1
Reception Date & Time:23/09/2025 7:00Reception temperature:6.6 °C
Analysis Started on:26/09/2025Analysis Ending Date:30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
©NW03S Epichlorohydrin Epichlorohydrin	<0.0001mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE812-2025-00158414

Sample Name3990136.2
Reception Date & Time:23/09/2025 7:00Reception temperature:6.6 °C
Analysis Started on:26/09/2025Analysis Ending Date:30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
©NW03S Epichlorohydrin Epichlorohydrin	<0.0001mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE812-2025-00158415

Sample Name3990136.3
Reception Date & Time:23/09/2025 7:00Reception temperature:6.6 °C
Analysis Started on:26/09/2025Analysis Ending Date:30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
©NW03S Epichlorohydrin Epichlorohydrin	<0.0001mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE812-2025-00158416

Sample Name3990136.4
Reception Date & Time:23/09/2025 7:00Reception temperature:6.6 °C
Analysis Started on:26/09/2025Analysis Ending Date:30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
©NW03S Epichlorohydrin Epichlorohydrin	<0.0001mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline



Food & Water Testing

SAMPLE CODE	812-2025-00158417
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Sample Name	3990136.5		
Reception Date & Time:	23/09/2025 7:00	Reception temperature:	6.6 °C
Analysis Started on:	26/09/2025	Analysis Ending Date:	30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
⑨NW03S Epichlorohydrin			
Epichlorohydrin	<0.0001 mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE	812-2025-00158418
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Sample Name	3990136.6		
Reception Date & Time:	23/09/2025 7:00	Reception temperature:	6.6 °C
Analysis Started on:	26/09/2025	Analysis Ending Date:	30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
⑨NW03S Epichlorohydrin			
Epichlorohydrin	<0.0001 mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE	812-2025-00158419
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Sample Name	3990136.7		
Reception Date & Time:	23/09/2025 7:00	Reception temperature:	6.6 °C
Analysis Started on:	26/09/2025	Analysis Ending Date:	30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
⑨NW03S Epichlorohydrin			
Epichlorohydrin	<0.0001 mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE	812-2025-00158420
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Sample Name	3990136.8		
Reception Date & Time:	23/09/2025 7:00	Reception temperature:	6.6 °C
Analysis Started on:	26/09/2025	Analysis Ending Date:	30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
⑨NW03S Epichlorohydrin			
Epichlorohydrin	<0.0001 mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

SAMPLE CODE	812-2025-00158421
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Sample Name	3990136.9		
Reception Date & Time:	23/09/2025 7:00	Reception temperature:	6.6 °C
Analysis Started on:	26/09/2025	Analysis Ending Date:	30/09/2025

ORGANICS	RESULTS	LOQ	SPECIFICATIONS
⑨NW03S Epichlorohydrin			
Epichlorohydrin	<0.0001 mg/l	0.0001	MAV of 0.0005 mg/l ✓ National Guideline

REPORT INFORMATION
Tests with Maximum Allowable Value (MAV) assigned are measured against the Drinking Water Standards for New Zealand.
Results are considered unsatisfactory(✖) when they do not comply with the specified MAV or Aesthetic Value indicating the water may not be safe to drink.
Results are considered satisfactory(✓) when they comply with the specified MAV or Aesthetic Value.

LIST OF METHODS
NW03S Epichlorohydrin: Internal Method, GC-MS/MS



Food & Water Testing

Signature



Gabriela
Carvalhaes Business Unit Manager
Eurofins ELS Limited

EXPLANATORY NOTE

- ① Test is not accredited
- ② Test is subcontracted within Eurofins group and is accredited
- ③ Test is subcontracted within Eurofins group and is not accredited
- ④ Test is subcontracted outside Eurofins group and is accredited
- ⑤ Test is subcontracted outside Eurofins group and is not accredited
- ⑥ Test result is provided by the customer and is not accredited
- ⑦ Tested at the sampling point by Eurofins and is not accredited
- ⑧ Tested at the sampling point by Eurofins and is accredited
- ⑨ Test is RLP accredited
- ⑩ Test is subcontracted within Eurofins group and is RLP accredited

N/A means Not Applicable

Not Detected means not detected at or above the Limit of Quantification (LOQ)

LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit

✗ (Unsatisfactory) means does not meet the specification

✓ (Satisfactory) means meets the specification

MAV means Maximum Allowable Value

The Customer acknowledges and accepts that: (a) where Eurofins is not responsible for sampling, the test result(s) in this report apply only to the sample as received. Customer is solely responsible for the sampling process and warrants that the sample provided to Eurofins is representative of the lot / batch from which the samples were drawn; and (b) Eurofins expresses no opinion and accepts no liability in respect of the Customer's production process or homogeneity of the product.

The tests are identified by a five-digit code, their description is available on request.

Accreditation does not apply to comments or graphical representations.

Unless otherwise stated, all tests in this analytical report (except for subcontracted tests) are performed at .

The laboratory is not responsible for the information provided by the customer which can affect the validity of the results, for example: sampling information such as date/time, field data etc.

Eurofins may subcontract the performance of part or all of the Services to a third party and the Customer authorises the release of all information necessary to the third party for the provision of the Services.

All samples become the property of Eurofins to the extent necessary for the performance of the Services.

Eurofins will not be required to store samples and may destroy or otherwise dispose of the samples or return the samples to the Customer (at the Customer's cost in all respects) immediately following analysis of the samples.

If the Customer pays for storage of the samples Eurofins will take commercially reasonable steps to store the samples for the agreed period in terms of industry practice.

The Eurofins water sampling service follows methodology based on AS/NZS 5667 and / or best practice to collect and transport samples that are fit for the purpose of analytical testing. The laboratory is not responsible for sampling activities unless explicitly indicated by the statement "Sampled by Eurofins" on the report for water samples.

The Customer acknowledges that the Services are provided using the current state of technology and methods developed and generally applied by Eurofins and involve analysis, interpretations, consulting work and conclusions. Eurofins shall use commercially reasonable degree of care in providing the Services.

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END OF REPORT

EUROFINS ELS LIMITED IS A MINISTRY FOR PRIMARY INDUSTRIES
RECOGNISED LABORATORY UNDER SECTION 101 OF THE ANIMAL PRODUCTS ACT:1999.



Certificate of Analysis
Laboratory Reference: 250923-138

Attention:	Subcontracting .	Final Report:	605018-0
Client:	R J HILLS	Report Issue Date:	30-Sep-2025
Address:	28 Duke Street, Frankton, Hamilton, 3204	Received Date:	23-Sep-2025
Client Reference:	EnvSubWC 795	Laboratory Activity Dates:	23-Sep-2025 - 30-Sep-2025
Purchase Order:	PO106405	Quote Reference :	14290

All samples has been received at the laboratory outside of the recommended holding time of 24 hours for 1080 and Cyanogen Chloride testing. There is also headspace present in the Cyanogen Chloride sample bottle. This may yield inaccurate results that may not reflect the sample composition at the time of sampling.

Sample Details				
Lab Sample ID:	250923-138-1	250923-138-2	250923-138-3	250923-138-4
Client Sample ID:	3990136.1	3990136.2	3990136.3	3990136.4
Sample Date/Time	17/09/2025 09:48	17/09/2025 09:33	17/09/2025 11:05	17/09/2025 11:16
Description:	Potable Water	Potable Water	Potable Water	Potable Water
General Testing				
Cyanogen Chloride	mg/L	<0.005 *	<0.005 *	<0.005 *
Organics				
1080				
1080 (Sodium fluoroacetate)	mg/L	<0.00005	<0.00005	<0.00005

Sample Details				
Lab Sample ID:	250923-138-5	250923-138-6	250923-138-7	250923-138-8
Client Sample ID:	3990136.5	3990136.6	3990136.7	3990136.8
Sample Date/Time	17/09/2025 12:51	17/09/2025 11:55	18/09/2025 11:35	18/09/2025 10:43
Description:	Potable Water	Potable Water	Potable Water	Potable Water
General Testing				
Cyanogen Chloride	mg/L	<0.005 *	<0.005 *	<0.005 *
Organics				
1080				
1080 (Sodium fluoroacetate)	mg/L	<0.00005	<0.00005	<0.00005

Sample Details				
Lab Sample ID:	250923-138-9			
Client Sample ID:	3990136.9			
Sample Date/Time	18/09/2025 11:58			
Description:	Potable Water			
General Testing				
Cyanogen Chloride	mg/L	<0.005 *		
Organics				
1080				
1080 (Sodium fluoroacetate)	mg/L	<0.00005		

Results marked with * are not accredited to International Accreditation New Zealand. A dash indicates no test performed.

Where samples have been supplied by the client, they are tested as received.

The results of analysis contained in this report relate only to the sample(s) tested. Where sample collection was performed by the laboratory, the results of analysis contained in this report relate only to the sample(s) collected.

Reference Methods				
The sample(s) referred to in this report were analysed by the following method(s)				
Analyte	Method Reference	MDL	Samples	Location
General Testing				
Cyanogen Chloride by Spectrophotometry	APHA (online edition) 4500-CN J	0.005 mg/L	All	Auckland
Organics				

1080				
1080 (Sodium fluoroacetate)	In house by LCMS	0.00005 mg/L	All	Auckland
<i>The method detection limit (MDL) listed is the limit attainable in a relatively clean matrix. If dilutions are required for analysis the detection limit may be higher. For more information please contact the Compliance and Projects Manager.</i>				

Samples, with suitable preservation and stability of analytes, will be held by the laboratory for a period of two weeks after results have been reported, unless otherwise advised by the submitter.

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Robyn Abernethy
Compliance and Projects Manager