

Summary Report for ZONE 41 FIVEWAYS



Dates: 01/01/2024 To 31/12/2024

Reference Number	Substance Tested	No of Samples Taken in Period	Percentage of Samples Exceeding Limit	Minimum	Mean	Maximum	Limit	Unit
F001	1 2-Dichloroethane	8	0	< 0.120	< 0.120	< 0.120	3	µg/l
P002	Aldrin	8	0	< 0.008	< 0.008	< 0.008	0.03	µg/l
A021	Aluminium	35	0	< 10.0	< 10.6	30.0	200	µg/l
A014	Ammonium	8	0	< 0.03	< 0.03	< 0.03	0.5	mg/l NH4
B008A	Antimony	8	0	< 0.10	< 0.11	< 0.20	5	µg/l
B001A	Arsenic	8	0	< 0.30	< 0.31	< 0.40	10	µg/l
F002	Benzene	8	0	< 0.090	< 0.090	< 0.090	1	µg/l
D007	Benzo [a] Pyrene	8	0	< 0.0005	< 0.0006	< 0.0007	0.01	µg/l
D005A	Boron	8	0	0.060	0.074	0.080	1	mg/l
F003	Bromate	8	0	< 0.400	< 0.400	< 0.400	10	µg/l
B002	Cadmium	8	0	< 0.10	< 0.10	< 0.10	5	µg/l
P010	Carbetamide	8	0	< 0.001	< 0.001	< 0.001	0.1	µg/l
D002A	Chloride	8	0	26	31	34	250	mg/l
C009	Chlorine - Free	82	n/a	0.10	0.32	0.56	n/a	mg/l
C010	Chlorine - Total	82	n/a	0.19	0.38	0.65	n/a	mg/l
B004	Chromium	8	0	< 1.00	< 1.00	< 1.00	50	µg/l
C001A	Coliform Bacteria	82	1.2	0	0	8	0	No. /100ml
C007	Colony Count (3 day at 22°C)	35	n/a	0	3	48	n/a	No. /ml
A001	Colour	35	0	< 0.6	< 0.6	0.9	20	°Hazen
D001	Conductivity	35	0	591	619	651	2500	µS/cm @ 20 °C
A024A	Copper	8	0	< 0.01	< 0.02	0.05	2	mg/l
P028	Dieldrin	8	0	< 0.009	< 0.009	< 0.009	0.03	µg/l

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C003	Enterococci	8	0	0	0	0	0	No. /100ml
C002	Escherichia coli (E. coli)	82	0	0	0	0	0	No. /100ml
A027	Fluoride	8	0	0.31	0.45	0.56	1.5	mg/l
P043	Heptachlor	8	0	< 0.005	< 0.005	< 0.005	0.03	µg/l
P044	Heptachlor Epoxide	8	0	< 0.014	< 0.014	< 0.014	0.03	µg/l
A006	Hydrogen ion (pH)	35	0	7.30	7.41	7.60	6.5 min - 9.5 max	pH value
A022	Iron	35	0	< 3.0	< 17.4	30.0	200	µg/l
B007B	Lead	8	0	< 0.1	< 0.3	0.7	10	µg/l
A023	Manganese	35	0	< 0.3	< 1.1	7.0	50	µg/l
P226	Metaldehyde	2	0	< 0.010	< 0.010	< 0.010	0.1	µg/l
B006A	Nickel	8	0	< 1.00	< 2.75	< 3.00	20	µg/l
A012	Nitrate	8	0	4.69	7.34	10.04	50	mg/l NO3
A013A	Nitrite in Distribution	8	0	< 0.01	< 0.01	< 0.01	0.5	mg/l NO2
A013C	Nitrite/Nitrate ratio	7	0	< 0.10	< 0.10	< 0.10	1	-
A003	Odour	35	0	0	0	0	0	Dilution Number
B010	Pesticides : Total	8	0	0.000	0.000	0.000	0.5	µg/l
B011F	Polycyclic Aromatic Hydrocarbons	9	0	0.000	0.000	0.000	0.1	µg/l
P071	Propyzamide	7	0	< 0.008	< 0.008	< 0.008	0.1	µg/l
A009	Sodium	8	0	17.9	20.7	22.8	200	mg/l
A007	Sulphate	8	0	58	63	72	250	mg/l
D009B	Sum of Tri & Tetrachloroethenes	10	0	< 0.060	< 0.192	< 0.500	10	µg/l
A004	Taste	36	0	0	0	0	0	Dilution Number
D008	Tetrachloromethane	10	0	< 0.080	< 0.125	< 0.230	3	µg/l
A017	Total Organic Carbon	8	n/a	0.8	1.1	1.3	n/a	mg/l

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D011	Trihalomethanes (Total)	10	0	11.650	19.541	31.460	100	µg/l
A002	Turbidity (Distribution)	35	0	< 0.08	< 0.09	0.21	4	NTU

This report is compiled in accordance with the Water Supply (Water Quality) Regulations, (as amended).

The limits listed are the Prescribed Concentration or Value as stipulated in the Water Supply Regulations