

# Summary Report for ZONE 59 HAMPTON DOWN

Date range selected: 01/01/2023 To 31/12/2023

Reference	Parameter Description	No of Samples Taken in Period	PCV Value	Unit	Percentage of Samples Contravening PCV	Minimum	Mean	Maximum
A001	Colour54654	38	20	mg/l Pt/Co	0	< 0.6	< 0.6	0.8
A002	Turbidity (Distribution)	38	4	NTU	0	< 0.08	< 0.09	0.30
A003	Odour	38	0	Dil. No.	0	0	0	0
A004	Taste	38	n/a	Dil. No.	n/a	0	0	0
A006	Hydrogen ion (pH)	38	6.5 - 9.5	pH value	0	7.40	7.52	7.60
A007	Sulphate	12	250	mg/l	0	31	46	63
A009	Sodium	12	200	mg/l	0	8.3	16.5	30.1
A012	Nitrate	12	50	mg/l	0	10.93	14.60	18.58
A013A	Nitrite in Distribution	12	0.5	mg/l NO2	0	< 0.01	< 0.01	< 0.01
A013C	Nitrite/Nitrate ratio	12	1	-	0	< 0.10	< 0.10	0.10
A014	Ammonium	12	0.5	mg/l NH4	0	< 0.03	< 0.03	< 0.03
A017	Total Organic Carbon	12	n/a	mg/l	n/a	0.9	1.3	1.5
A021	Aluminium	38	200	µg/l	0	< 10.0	< 10.8	40.0
A022	Iron	38	200	µg/l	0	< 20.0	< 21.6	50.0
A023	Manganese	38	50	µg/l	0	< 1.0	< 1.0	2.0
A024A	Copper	12	2	mg/l	0	0.01	0.11	0.25
A027	Fluoride	12	1.5	mg/l	0	< 0.14	< 0.14	0.20
B001A	Arsenic	12	10	µg/l	0	< 0.30	< 0.40	0.50
B002	Cadmium	12	5	µg/l	0	< 0.10	< 0.10	< 0.10
B004	Chromium	12	50	µg/l	0	< 1.00	< 1.00	< 1.00
B006A	Nickel	12	20	µg/l	0	< 3.00	< 3.00	< 3.00
B007B	Lead	12	10	µg/l	0	< 0.2	< 0.8	2.1
B008A	Antimony	12	5	µg/l	0	< 0.10	< 0.11	0.20

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B011F	Polycyclic Aromatic Hydrocarbons	12	0.1	µg/l	0	0.000	0.000	0.001
C001A	Coliform Bacteria	108	0	No. /100ml	0	0	0	0
C002	E.Coli	108	0	No. /100ml	0	0	0	0
C003	Enterococci	12	0	No. /100ml	0	0	0	0
C004A	Sulphite-reducing Clostridia	12	n/a	No. /100ml	n/a	0	0	0
C007	22C 3 day Plate Count	38	n/a	No. /ml	n/a	0	1	2
C009	Residual Disinfectant - Free	108	n/a	mg/l	n/a	0.06	0.26	0.59
C010	Residual Disinfectant - Total	108	n/a	mg/l	n/a	0.11	0.35	0.60
D001	Conductivity	38	2500	µS/cm @ 20 °C	0	483	532	606
D002A	Chloride	12	250	mg/l	0	18	24	39
D005A	Boron	12	1	mg/l	0	0.020	0.028	0.050
D007	Benzo [a] Pyrene	12	0.01	µg/l	0	< 0.0005	< 0.0005	0.0005
D008	Tetrachloromethane	24	3	µg/l	0	< 0.080	< 0.155	< 0.230
D009B	Sum of Tri & Tetrachloroethenes	24	10	µg/l	0	< 0.030	< 0.285	0.500
D011	Total Trihalomethanes	24	100	µg/l	0	5.090	23.318	34.420
F001	1 2-Dichloroethane	12	3	µg/l	0	< 0.120	< 0.120	< 0.120
F002	Benzene	12	1	µg/l	0	< 0.090	< 0.090	< 0.090
F003	Bromate	12	10	µg/l	0	< 0.400	< 0.975	2.000
P002	Aldrin	12	0.1	µg/l	0	< 0.008	< 0.008	< 0.008
P010	Carbetamide	6	0.1	µg/l	0	< 0.001	< 0.001	< 0.001
P028	Dieldrin	12	0.1	µg/l	0	< 0.009	< 0.009	< 0.009
P043	Heptachlor	12	0.1	µg/l	0	< 0.005	< 0.007	< 0.014
P044	Heptachlor Epoxide - Total	12	0.1	µg/l	0	< 0.007	< 0.013	< 0.014

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

PCV = prescribed concentration or value.