

Barr Beacon Water Quality Zone (BB)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	77	0	0	-	-	<0.4000	1.9039	4.2
Turbidity	FTU	4	77	0	0	-	-	<0.0300	0.0907	0.38
Odour (quantitative)	Dil Number	0	77	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	77	1	1.30	-	-	0	0.013	1
Sodium	mg/l	150	9	0	0	-	-	14	21.2222	39
Nitrate (as NO3)	mg/l	50	9	0	0	-	-	18.7	30.8	38.3
Nitrite (as NO2)	mg/l	0.1	9	0	0	-	-	<0.0030	0.0049	0.01
Nitrate/Nitrite Ratio	mg/l	1	9	0	0	-	-	0.37	0.8522	1
Aluminium	ug/l	200	77	0	0	-	-	<8.0000	14.1039	110
Iron	ug/l	200	77	0	0	-	-	<10.0000	12.2857	73
Manganese	ug/l	50	77	0	0	-	-	<2.1000	<2.1000	8.9
Copper (New Reg Limit)	mg/l	2	9	0	0	-	-	0.005	0.0334	0.081
Fluoride	ug/l	1500	9	0	0	-	-	0.92	0.98	1.01
Arsenic (New Regs Limit)	ug/l	10	9	0	0	-	-	0.49	0.8256	1.3
Cadmium	ug/l	5	9	0	0	-	-	<0.06	<0.06	<0.06
Chromium	ug/l	50	9	0	0	-	-	<0.7	<0.7	0.7
Nickel (New Reg Limit)	ug/l	20	9	0	0	-	-	0.9	1.5111	5.7
Lead (New Reg Limit)	ug/l	25	9	0	0	-	-	0.5	1.7111	8.2
Antimony (New Reg Limit)	ug/l	5	9	0	0	-	-	<0.1700	0.2756	0.5
Selenium	ug/l	10	9	0	0	-	-	<0.3000	<0.3000	0.5
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0.0001	0.0010
Escherichia coli	No./100ml	0	235	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	9	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	9	0	0	-	-	0.0310	0.0537	0.0720
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	<0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	30.14	41.543	58.12
Bromate	ug/l	10	9	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	77	0	0	6.7	7.2338	7.5
Sulphate (as SO4)	mg/l	250	9	0	0	18.4	49.4556	79
Ammonium (as NH4)	mg/l	0.5	78	0	0	<0.0090	0.0118	0.023
Total organic carbon	mg/l	-	9	0	0	0.79	2.4733	3.57
Total coliforms	No./100ml	0	235	1	0.43	0	0.0043	1
Clostridium perfringens	No./100ml	0	77	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	77	0	0	0	8.7792	221
Total chlorine	mg/l	-	235	0	0	0.05	0.1783	0.47
2 day count, 37 deg C	cfu/ml	-	77	0	0	0	10.3117	300
Conductivity	uS/cm	1500	77	0	0	320	504.8442	583
Chloride	mg/l	250	9	0	0	44.9	55.3778	74.1

With the exception of the coliform and taste parameters, all of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. The unsatisfactory samples were resampled and were found to comply with the regulations. Supplies to this zone are fluoridated up to a level of 1000µg/l.

Barr Beacon 1 Water Quality Zone (BB1)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	53	0	0	-	-	<0.4000	1.9226	4
Turbidity	FTU	4	54	0	0	-	-	<0.0300	0.0685	0.38
Odour (quantitative)	Dil Number	0	54	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	54	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	18	20.6	34
Nitrate (as NO3)	mg/l	50	10	0	0	-	-	10.7	28.95	43.7
Nitrite (as NO2)	mg/l	0.1	10	0	0	-	-	<0.0030	0.0039	0.009
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	-	-	0.37	0.811	1
Aluminium	ug/l	200	53	0	0	-	-	<8.0000	11.0377	41
Iron	ug/l	200	53	0	0	-	-	<10.0000	<10.0000	96
Manganese	ug/l	50	53	0	0	-	-	<2.1000	<2.1000	8.1
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.0208	0.049
Fluoride	ug/l	1500	10	0	0	-	-	0.848	0.9685	1.07
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	0.56	0.971	1.4
Cadmium	ug/l	5	10	0	0	-	-	<0.06	<0.06	<0.06
Chromium	ug/l	50	10	0	0	-	-	<0.7	0.72	0.9
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	2.35	14
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	0.59	1.4
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	<0.1700	0.3445	0.54
Selenium	ug/l	10	10	0	0	-	-	<0.3000	0.301	0.53
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0.0001	0.0010
Escherichia coli	No./100ml	0	143	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	0.0290	0.0547	0.0750
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	<0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	4.14	27.987	38.87
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	53	0	0	6.8	7.2434	7.5
Sulphate (as SO4)	mg/l	250	10	0	0	40.4	62.28	80.7
Ammonium (as NH4)	mg/l	0.5	54	0	0	<0.0090	0.0113	0.052
Total organic carbon	mg/l	-	10	0	0	2.4	3.078	4.48
Total coliforms	No./100ml	0	143	2	1.4	0	0.0699	9
Clostridium perfringens	No./100ml	0	54	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	53	0	0	0	4.283	35
Total chlorine	mg/l	-	143	0	0	0.04	0.2202	0.55
2 day count, 37 deg C	cfu/ml	-	53	0	0	0	3.7925	27
Conductivity	uS/cm	1500	54	0	0	391	512.0185	625
Chloride	mg/l	250	10	0	0	40.8	46.58	54.7

With the exception of the coliform parameter, all of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. All unsatisfactory samples were resampled and were found to comply with the regulations. Supplies to this zone are fluoridated up to a level of 1000µg/l.

Burton Water Quality Zone (BUR)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	79	0	0	-	-	<0.4000	1.9228	6.3
Turbidity	FTU	4	79	0	0	-	-	<0.0300	0.064	0.16
Odour (quantitative)	Dil Number	0	79	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	79	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	18	20	22
Nitrate (as NO3)	mg/l	50	10	0	0	-	-	7.25	12.979	19.2
Nitrite (as NO2)	mg/l	0.1	10	0	0	-	-	<0.0030	0.004	0.009
Nitrate/Nitrite Ratio	mg/l	1	11	0	0	-	-	0.37	0.8282	1
Aluminium	ug/l	200	79	0	0	-	-	<8.0000	10	49
Iron	ug/l	200	79	0	0	-	-	<10.0000	<10.0000	21
Manganese	ug/l	50	79	0	0	-	-	<2.1000	<2.1000	5.2
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.0071	0.026
Fluoride	ug/l	1500	10	0	0	-	-	0.92	0.9925	1.1
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	0.37	1.557	2.4
Cadmium	ug/l	5	10	0	0	-	-	<0.06	<0.06	<0.06
Chromium	ug/l	50	10	0	0	-	-	<0.7	<0.7	<0.7
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	1.01	1.4
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	1.4	5.5
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	0.33	0.933	1.8
Selenium	ug/l	10	10	0	0	-	-	<0.3000	0.372	0.5
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0	0
Escherichia coli	No./100ml	0	249	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	0.0290	0.0534	0.0780
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	21.45	36.622	51.73
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	79	0	0	7	7.3557	7.6
Sulphate (as SO4)	mg/l	250	10	0	0	55.4	84.31	141
Ammonium (as NH4)	mg/l	0.5	79	0	0	<0.0090	0.014	0.046
Total organic carbon	mg/l	-	10	0	0	0.79	2.468	3.98
Total coliforms	No./100ml	0	249	4	1.61	0	0.4699	33
Clostridium perfringens	No./100ml	0	79	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	79	0	0	0	8.3924	109
Total chlorine	mg/l	-	248	0	0	0.06	0.1708	0.41
2 day count, 37 deg C	cfu/ml	-	79	0	0	0	3.038	55
Conductivity	uS/cm	1500	79	0	0	430	511.6582	829
Chloride	mg/l	250	10	0	0	32.3	40.5	55.7

With the exception of the coliform parameter, all of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. All unsatisfactory samples were resampled and were found to comply with the regulations. Supplies to this zone are fluoridated up to a level of 1000ug/l.

Cannock High Water Quality Zone (CH)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	78	0	0	-	-	<0.4000	1.1474	5.5
Turbidity	FTU	4	78	0	0	-	-	<0.0300	0.0626	0.4
Odour (quantitative)	Dil Number	0	78	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	79	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	10	19	24
Nitrate (as NO3)	mg/l	50	10	0	0	-	-	14.4	24.25	38.9
Nitrite (as NO2)	mg/l	0.1	10	0	0	-	-	<0.0030	0.0038	0.009
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	-	-	0.37	0.822	1
Aluminium	ug/l	200	78	0	0	-	-	<8.0000	<8.0000	31
Iron	ug/l	200	78	0	0	-	-	<10.0000	<10.0000	74
Manganese	ug/l	50	78	0	0	-	-	<2.1000	<2.1000	16
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.033	0.12
Fluoride	ug/l	1500	10	0	0	-	-	0.88	0.9649	1.11
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	0.44	0.981	1.2
Cadmium	ug/l	5	10	0	0	-	-	<0.06	0.07	0.12
Chromium	ug/l	50	10	0	0	-	-	<0.7	<0.7	<0.7
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	1	1.2
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	0.53	0.8
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	<0.1700	0.3095	0.64
Selenium	ug/l	10	10	0	0	-	-	<0.3000	0.385	0.64
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0	0
Escherichia coli	No./100ml	0	252	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	0.0350	0.0718	0.1000
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	<0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	0	18.547	47.69
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	78	0	0	7.1	7.3974	7.8
Sulphate (as SO4)	mg/l	250	10	0	0	38.2	54.53	84.6
Ammonium (as NH4)	mg/l	0.5	78	0	0	<0.0090	0.0092	0.023
Total organic carbon	mg/l	-	10	0	0	0.28	1.929	4.17
Total coliforms	No./100ml	0	253	0	0	0	0	0
Clostridium perfringens	No./100ml	0	79	0	0	0	0	0
3 day count,22 deg C	cfu/ml	-	78	0	0	0	11.2564	300
Total chlorine	mg/l	-	252	0	0	0.03	0.1987	0.47
2 day count,37 deg C	cfu/ml	-	78	0	0	0	10.0897	300
Conductivity	uS/cm	1500	78	0	0	371	468.8846	567
Chloride	mg/l	250	10	0	0	25.8	39.76	46

All of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. Supplies to this zone are fluoridated up to a level of 1000µg/l.

Cawney Hill Water Quality Zone (CW)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	54	0	0	-	-	<0.4000	0.9222	2.1
Turbidity	FTU	4	54	0	0	-	-	<0.0300	0.0778	0.4
Odour (quantitative)	Dil Number	0	54	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	54	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	14	26.1	39
Nitrate (as NO3)	mg/l	50	10	0	0	-	-	20.5	30.18	43.6
Nitrite (as NO2)	mg/l	0.1	10	0	0	-	-	<0.0030	0.0044	0.009
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	-	-	0.57	0.876	1
Aluminium	ug/l	200	54	0	0	-	-	<8.0000	11.0185	45
Iron	ug/l	200	54	0	0	-	-	<10.0000	<10.0000	34
Manganese	ug/l	50	54	0	0	-	-	<2.1000	2.2102	6.8
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.0499	0.32
Fluoride	ug/l	1500	10	0	0	-	-	0.838	0.9559	1.05
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	<0.37	0.69	2.3
Cadmium	ug/l	5	10	0	0	-	-	<0.06	0.073	0.13
Chromium	ug/l	50	10	0	0	-	-	<0.7	<0.7	<0.7
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	1.19	1.7
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	2.07	7.6
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	<0.1700	<0.1700	0.28
Selenium	ug/l	10	10	0	0	-	-	<0.3000	<0.3000	0.43
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0.0001	0.0010
Escherichia coli	No./100ml	0	177	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	<0.017	0.0367	0.0580
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	<0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	8.73	33.188	50.03
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	54	0	0	6.7	7.1667	8
Sulphate (as SO4)	mg/l	250	10	0	0	23.2	43.06	59.5
Ammonium (as NH4)	mg/l	0.5	54	0	0	0	0.0083	0.03
Total organic carbon	mg/l	-	10	0	0	0.48	1.56	2.52
Total coliforms	No./100ml	0	178	0	0	0	0	0
Clostridium perfringens	No./100ml	0	54	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	54	0	0	0	8.5185	300
Total chlorine	mg/l	-	178	0	0	<0.0200	0.1742	0.52
2 day count, 37 deg C	cfu/ml	-	54	0	0	0	7.2593	231
Conductivity	uS/cm	1500	54	0	0	324	423.6111	496
Chloride	mg/l	250	10	0	0	33.9	45.69	53.8

All of the results collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. Supplies to this zone are fluoridated up to a level of 1000µg/l.

Glascote Water Quality Zone (GLA)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	79	0	0	-	-	<0.4000	2.0418	5.3
Turbidity	FTU	4	79	0	0	-	-	<0.0300	0.0689	0.2
Odour (quantitative)	Dil Number	0	79	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	79	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	19	23.1	28
Nitrate (as NO3)	mg/l	50	10	0	0	-	-	19.2	25.42	31
Nitrite (as NO2)	mg/l	0.1	10	0	0	-	-	<0.0030	0.0038	0.009
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	-	-	0.46	0.845	1
Aluminium	ug/l	200	79	0	0	-	-	<8.0000	11.7975	45
Iron	ug/l	200	79	0	0	-	-	<10.0000	<10.0000	34
Manganese	ug/l	50	79	0	0	-	-	<2.1000	<2.1000	5.3
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.0168	0.064
Fluoride	ug/l	1500	10	0	0	-	-	0.92	0.9813	1.07
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	0.57	1.142	1.4
Cadmium	ug/l	5	10	0	0	-	-	<0.06	<0.06	<0.06
Chromium	ug/l	50	10	0	0	-	-	<0.7	0.71	0.8
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	0.96	1.2
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	<0.5	<0.5
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	0.19	0.411	0.59
Selenium	ug/l	10	10	0	0	-	-	0.31	0.481	0.68
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0	0
Escherichia coli	No./100ml	0	214	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	0.0560	0.0666	0.820
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	<0.001
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	24.56	35.507	42.35
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	79	0	0	6.9	7.2772	7.7
Sulphate (as SO4)	mg/l	250	10	0	0	55.3	63.05	76.4
Ammonium (as NH4)	mg/l	0.5	79	0	0	<0.0090	0.0128	0.051
Total organic carbon	mg/l	-	10	0	0	1.73	2.952	3.78
Total coliforms	No./100ml	0	214	1	0.47	0	0.0047	1
Clostridium perfringens	No./100ml	0	79	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	79	0	0	0	15.557	300
Total chlorine	mg/l	-	214	0	0	0.06	0.1751	0.45
2 day count, 37 deg C	cfu/ml	-	79	0	0	0	6.7215	89
Conductivity	uS/cm	1500	79	0	0	461	526.7089	590
Chloride	mg/l	250	10	0	0	44.7	49.63	64.1

With the exception of the coliform parameter, all of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. All unsatisfactory samples were resampled and were found to comply with the regulations. Supplies to this zone are fluoridated up to a level of 1000µg/l.

Hayley Green Water Quality Zone (HG)

Schedule 1 Parameters

	Units	PCV	Number of samples	Number of samples greater than PCV	% greater than PCV	Number of samples greater than authorised departure	% greater than authorised departure	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	39	0	0	-	-	<0.4000	0.4385	1.6
Turbidity	FTU	4	39	0	0	-	-	<0.0300	0.0499	0.16
Odour (quantitative)	Dil Number	0	39	0	0	-	-	0	0	0
Taste (quantitative)	Dil Number	0	39	0	0	-	-	0	0	0
Sodium	mg/l	150	10	0	0	-	-	12	13.6	16
Nitrate (as NO ₃)	mg/l	50	10	0	0	-	-	39.4	43.58	46
Nitrite (as NO ₂)	mg/l	0.1	10	0	0	-	-	<0.0030	0.0062	0.023
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	-	-	0.79	0.957	1
Aluminium	ug/l	200	39	0	0	-	-	<8.0000	<8.0000	<8.0000
Iron	ug/l	200	39	0	0	-	-	<10.0000	<10.0000	21
Manganese	ug/l	50	39	0	0	-	-	<2.1000	<2.1000	1.05
Copper (New Reg Limit)	mg/l	2	10	0	0	-	-	<0.0030	0.0278	0.15
Fluoride	ug/l	1500	10	0	0	-	-	0.85	0.9335	1.02
Arsenic (New Regs Limit)	ug/l	10	10	0	0	-	-	2.6	3.05	3.4
Cadmium	ug/l	5	10	0	0	-	-	<0.06	<0.06	<0.06
Chromium	ug/l	50	10	0	0	-	-	<0.7	0.73	0.9
Nickel (New Reg Limit)	ug/l	20	10	0	0	-	-	<0.9	0.96	1.5
Lead (New Reg Limit)	ug/l	25	10	0	0	-	-	<0.5	0.62	1.6
Antimony (New Reg Limit)	ug/l	5	10	0	0	-	-	<0.1700	<0.1700	<0.1700
Selenium	ug/l	10	10	0	0	-	-	<0.3000	<0.3000	0.49
Total PAHs (4 Det Total)	ug/l	0.1	10	0	0	-	-	0	0.0006	0.005
Escherichia coli	No./100ml	0	130	0	0	-	-	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	-	-	0	0	0
Boron (New Reg Limit)	mg/l	1	10	0	0	-	-	<0.017	0.0216	0.0350
Benzo(a)pyrene	ug/l	0.01	10	0	0	-	-	<0.001	<0.001	0.004
Trihalomethanes (total)	ug/l	100	10	0	0	-	-	0	4.406	6.41
Bromate	ug/l	10	10	0	0	-	-	<0.006	<0.006	<0.006

Indicator Parameters

	Units	PCV	Number of samples	Number of samples greater than specification	% greater than specification	Minimum	Mean	Maximum
pH		9.5	39	0	0	6.5	7.1103	7.5
Sulphate (as SO ₄)	mg/l	250	10	0	0	20.3	23.35	26.5
Ammonium (as NH ₄)	mg/l	0.5	39	0	0	<0.0090	0.0094	0.018
Total organic carbon	mg/l	-	10	0	0	<0.1200	0.465	1.07
Total coliforms	No./100ml	0	130	0	0	0	0	0
Clostridium perfringens	No./100ml	0	39	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	39	0	0	0	2.1538	31
Total chlorine	mg/l	-	130	0	0	0.05	0.155	0.39
2 day count, 37 deg C	cfu/ml	-	39	0	0	0	3.3846	64
Conductivity	uS/cm	1500	39	0	0	270	372.3333	479
Chloride	mg/l	250	10	0	0	32.4	34.01	37.4

All of the samples collected from this zone in 2010 complied with the Water Supply (Water Quality) Regulations 2000 (amended) 2007. Supplies to this zone are fluoridated up to a level of 1000µg/l.