



Cawney Hill Water Quality Zone (CW)								
Schedule 1 Parameters								
	Units	PCV	Number of Samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Min	Mean	Max
Colour	mg/l Pt/Co	20	52	0	0	2.00	2.17	4.00
Turbidity	FTU	4	52	0	0	0.12	0.12	0.19
Odour (quantitative)	Dil Number	0	52	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	52	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	18.40	22.54	28.00
Nitrate (as NO3)	mg/l	50	8	0	0	16.60	30.39	41.50
Nitrite (as NO2)	mg/l	0.1	8	0	0	<0.01	<0.01	0.01
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.33	0.61	0.83
Aluminium	ug/l	200	52	0	0	6.10	11.32	32.30
Iron	ug/l	200	52	0	0	7.30	7.93	25.10
Manganese	ug/l	50	52	0	0	1.70	1.74	3.80
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.01	0.02
Fluoride	mg/l	1.5	8	0	0	0.60	0.88	1.03
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.21	1.80
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	<0.70	<0.70	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	1.15	2.00
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.93	4.80
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.20	0.20
Selenium	ug/l	10	8	0	0	0.80	0.80	0.80
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	169	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	8	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	8	0	0	0.04	0.04	0.04
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	16.80	45.93	81.70
			8	0	0	0.80	0.94	1.80
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH (New Reg Limit) Env		-	52	0	0	7.10	7.35	7.70
Sulphate (as SO4)	mg/l	250	8	0	0	30.80	37.40	45.70
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	169	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	52	0	0	0.00	7.62	300.00
Free chlorine	mg/l	-	169	0	0	0.03	0.16	0.49
Total chlorine	mg/l	-	169	0	0	0.07	0.27	0.66
Conductivity	uS/cm	2500	52	0	0	290.00	402.10	534.00
Chloride	mg/l	250	8	0	0	38.00	43.50	50.00
* All of the samples collected from this zone in 2024 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016. Supplies to this zone are fluoridated up to a level of 1.5 mg/l.								