

Sedgley Quality Zone (SGY)								
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	37	0	0	2.00	2.57	3.00
Turbidity	FTU	4	36	0	0	0.12	0.13	0.20
Odour (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	17.50	31.98	44.60
Nitrate (as NO ₃)	mg/l	50	8	0	0	12.40	20.93	27.30
Nitrite (as NO ₂)	mg/l	0.1	8	0	0	<0.01	0.01	0.01
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.25	0.42	0.55
Aluminium	ug/l	200	36	0	0	6.10	9.21	47.30
Iron	ug/l	200	36	0	0	7.30	8.26	21.00
Manganese	ug/l	50	36	0	0	1.70	2.04	6.60
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.02	0.03
Fluoride	mg/l	1.5	8	0	0	<0.11	0.54	0.95
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.00	1.00
Cadmium	ug/l	5	8	0	0	0.12	0.13	0.16
Chromium	ug/l	50	8	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	1.04	1.40
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	0.90	0.90
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	0.81	0.90
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	96	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	0.05
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	9.16	25.28	64.80
Bromate	ug/l	10	8	0	0	0.80	0.96	1.70
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		-	36	0	0	6.90	7.27	7.60
Sulphate (as SO ₄)	mg/l	250	8	0	0	24.50	45.98	65.10
Ammonium (as NH ₄)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	96	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	36	0	0	0.00	0.64	6.00
Free chlorine	mg/l	-	96	0	0	0.05	0.25	0.58
Total chlorine	mg/l	-	96	0	0	0.12	0.39	0.72
Conductivity	uS/cm	2500	36	0	0	256.00	419.36	581.00
Chloride	mg/l	250	8	0	0	33.00	53.75	71.00
* All of the samples collected from this zone in 2025 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								