2014 Reporting Year

Sedgley Darlaston Water Quality Zone (SGD)								
Schedule 1 Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	79	0	0	<0.90	1.69	8.9
Turbidity	FTU	4	79	0	0	<0.08	0.173	0.53
Odour	Dil Number	0	80	0	0	0	0	0
Taste	Dil Number	0	80	0	0	0	0	0
Sodium	mg/l	200	10	0	0	24.9	33.27	47.8
Nitrate (as NO3)	mg/l	50	10	0	0	15.2	20.58	23.3
Nitrite (as NO2)	mg/l	0.1	10	0	0	<0.007	<0.007	<0.007
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	0.305	0.412	0.466
Aluminium	ug/l	200	79	0	0	<2.0	16.47	77.1
Iron	ug/l	200	79	0	0	<4.0	10.71	154
Manganese	ug/l	50	79	0	0	<2.0	<2.0	9.9
Copper	mg/l	2	10	0	0	<0.004	0.009	0.024
Fluoride	mg/l	1.5	10	0	0	0.773	0.95	1.03
Arsenic	ug/l	10	10	0	0	0.18	0.288	0.43
Cadmium	ug/l	5	10	0	0	<0.10	<0.10	<0.10
Chromium	ug/l	50	10	0	0	<0.70	<0.70	<0.70
Nickel	ug/l	20	10	0	0	0.8	0.909	1.55
Lead	ug/l	10	10	0	0	<0.10	0.268	1.24
Antimony	ug/l	5	10	0	0	<0.40	<0.40	0.2
Selenium	ug/l	10	10	0	0	<0.30	<0.30	0.15
PAH	ug/l	0.1	10	0	0	0	0	0
Escherichia coli	No./100ml	0	240	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	0	0	0
Boron	mg/l	1	10	0	0	<0.02	0.034	0.052
Benzo(a)pyrene	ug/l	0.01	10	0	0	<0.0005	<0.0005	<0.0005
Trihalomethanes (total)	ug/l	100	10	0	0	4.2	33.87	68.8
Bromate	ug/l	10	10	0	0	<0.50	2.045	3.3
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	79	0	0	6.87	7.35	7.74
Sulphate (as SO4)	mg/l	250	10	0	0	22.1	37.67	50.2
Ammonium (as NH4)	mg/l	0.5	79	0	0	<0.064	<0.064	<0.064
Total coliforms	No./100ml	0	240	0	0	0	0	0
3 day count,22 deg C	cfu/ml	-	79	0	0	0	1.59	76
Total chlorine	mg/l	-	239	0	0	0.07	0.35	0.83
2 day count,37 deg C	cfu/ml	-	79	0	0	0	5.64	264
Conductivity	uS/cm	2500	79	0	0	318	442.41	576
Chloride	mg/l	250	10	0	0	43	56.7	77

* All of the samples collected from this zone in 2014 complied with the Water Supply (Water Quality) Regulations 2010. Supplies to this zone are fluoridated up to a level of 1mg/l.