

Table 1: Summary of national compliance monitoring results for Private Group Schemes 2020

Parameter	No. of Zones Monitored	No of Zones with Exceedances	% of Zones Complying	No. of Samples Analysed	No. of Samples Exceeding	% of Samples Complying
Microbiological						
<i>E. coli</i>	370	20	94.6	1202	20	98.3
<i>Enterococci</i>	336	8	97.6	359	8	97.8
Chemical						
1,2-dichloroethane	309	0	100.0	336	0	100.0
Antimony	317	1	99.7	347	1	99.7
Arsenic	316	1	99.7	345	1	99.7
Benzene	309	0	100.0	336	0	100.0
Benzo(a)pyrene	306	0	100.0	333	0	100.0
Boron	301	0	100.0	325	0	100.0
Bromate	313	0	100.0	339	0	100.0
Cadmium	315	0	100.0	345	0	100.0
Chromium	317	0	100.0	347	0	100.0
Copper	333	0	100.0	372	0	100.0
Cyanide	307	0	100.0	327	0	100.0
Fluoride	284	1	99.6	304	1	99.7
Lead	319	1	99.7	360	1	99.7
Mercury	313	0	100.0	339	0	100.0
Nickel	315	1	99.7	351	1	99.7
Nitrate	336	2	99.4	402	2	99.5
Nitrite (at tap)	349	0	100.0	679	0	100.0
PAH	305	0	100.0	331	0	100.0
Pesticides - Total	311	0	100.0	342	0	100.0
Selenium	317	0	100.0	347	0	100.0
Tetrachloroethene & Trichloroethene	292	0	100.0	318	0	100.0
Total Trihalomethanes	310	22	92.9	340	22	93.5
Indicator						
Aluminium	357	8	97.8	912	13	98.6
Ammonium	351	1	99.7	655	4	99.4
Chloride	337	0	100.0	364	0	100.0
<i>Clostridium perfringens</i>	332	6	98.2	388	7	98.2
Coliform Bacteria	373	51	86.3	1204	61	94.9
Colony Count @ 22°C	371	52	86.0	1123	54	95.2
Colour	373	19	94.9	1192	24	98.0
Conductivity	373	0	100.0	1194	0	100.0
Iron	368	11	97.0	985	14	98.6
Manganese	344	8	97.7	404	8	98.0
Odour	372	0	100.0	1128	0	100.0
pH	373	19	94.9	1214	32	97.4
Sodium	310	0	100.0	336	0	100.0
Sulphate	335	0	100.0	357	0	100.0
Taste	364	0	100.0	1108	0	100.0
Total Organic Carbon	333	1	99.7	354	1	99.7
Turbidity (at tap)	373	6	98.4	1194	6	99.5

Table2: Summary of national compliance monitoring results for Small Private Supplies 2020

Parameter	No. of Zones Monitored	No of Zones with Exceedances	% of Zones Complying	No. of Samples Analysed	No. of Samples Exceeding	% of Samples Complying
Microbiological						
<i>E. coli</i>	1225	49	96.0	2292	56	97.6
<i>Enterococci</i>	281	10	96.4	329	10	97.0
Chemical						
1,2-dichloroethane	183	0	100.0	191	0	100.0
Antimony	286	0	100.0	332	0	100.0
Arsenic	287	4	98.6	334	4	98.8
Benzene	183	0	100.0	191	0	100.0
Benzo(a)pyrene	182	0	100.0	190	0	100.0
Boron	257	0	100.0	278	0	100.0
Bromate	196	0	100.0	210	0	100.0
Cadmium	286	0	100.0	332	0	100.0
Chromium	286	0	100.0	332	0	100.0
Copper	326	4	98.8	392	5	98.7
Cyanide	186	0	100.0	192	0	100.0
Fluoride	166	3	98.2	172	3	98.3
Lead	477	9	98.1	635	9	98.6
Mercury	212	0	100.0	243	0	100.0
Nickel	286	0	100.0	332	0	100.0
Nitrate	719	14	98.1	1165	16	98.6
Nitrite (at tap)	641	0	100.0	982	0	100.0
PAH	182	0	100.0	190	0	100.0
Pesticides - Total	193	0	100.0	215	0	100.0
Selenium	286	1	99.7	332	1	99.7
Tetrachloroethene & Trichloroethene	161	0	100.0	168	0	100.0
Total Trihalomethanes	188	2	98.9	199	2	99.0
Indicator						
Aluminium	484	2	99.6	698	2	99.7
Ammonium	493	7	98.6	660	8	98.8
Chloride	271	5	98.2	328	7	97.9
<i>Clostridium perfringens</i>	264	9	96.6	307	10	96.7
Coliform Bacteria	1221	210	82.8	2215	247	88.8
Colony Count @ 22°C	1126	225	80.0	1992	259	87.0
Colour	1215	57	95.3	2181	69	96.8
Conductivity	1182	1	99.9	2124	1	100.0
Iron	1017	58	94.3	1629	69	95.8
Manganese	611	52	91.5	876	66	92.5
Odour	1166	0	100.0	2096	0	100.0
pH	1217	231	81.0	2191	335	84.7
Sodium	322	18	94.4	390	19	95.1
Sulphate	220	0	100.0	250	0	100.0
Taste	1025	0	100.0	1800	0	100.0
Total Organic Carbon	189	0	100.0	197	0	100.0
Turbidity (at tap)	1215	35	97.1	2179	38	98.3