

## **Data summary tables for SSE Water (SSE)**

These tables contain a summary of results of monitoring undertaken by the water company in 2018 and submitted to the Drinking Water Inspectorate. The tables are published by the Inspectorate as part of the Chief Inspector's Report entitled *Drinking water 2018*.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.gov.uk/>

### **Notes relating to the interpretation of the tables:**

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

Published 11 July 2019  
Drinking Water Inspectorate  
Area 5B  
Nobel House  
17 Smith Square  
London  
SW1P 3JR

Enquiries: 0300 068 6400

Site Summary Data for Scottish and Southern Energy

Date Range: For the whole year 2018

Table SSE 9: Quality of water at consumer's tap (zones) - European Standards

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones failing standard
1,2-Dichloroethane (Total)	F001	3 µg/l	98	0	< 0.07	0.17	0
Antimony	B008A	5 µg Sb/l	98	0	0.033	0.49	0
Arsenic (Total)	B001A	10 µg As/l	98	0	0.13	1.44	0
Benzene (Total)	F002	1 µg/l	98	0	< 0.02	< 0.07	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	98	0	< 0.00022	0.00055	0
Boron	D005A	1 mg B/l	98	0	0.002	0.087	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	98	0	< 0.1	5.9	0
Cadmium (Total)	B002	5 µg Cd/l	98	0	< 0.006	0.024	0
Chromium (Total)	B004	50 µg Cr/l	98	0	< 0.09	1.06	0
Copper (Total)	A024A	2 mg Cu/l	98	0	0.0007	0.607	0
Cyanide (Total)	B003	50 µg CN/l	98	0	< 0.7	1.8	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	293	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	98	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	98	0	0.02	0.26	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	98	0	< 0.02	2.56	0
Mercury (Total)	B005	1 µg Hg/l	98	0	< 0.02	< 0.05	0
Nickel (Total)	B006A	20 µg Ni/l	98	1	0.19	21.3	1
Nitrate (Total)	A012	50 mg NO <sub>3</sub> /l	98	0	2.23	44.2	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO <sub>2</sub> /l	98	0	< 0.002	0.222	0
Nitrite/Nitrate formula	A013C	1 mg NO <sub>2</sub> /l	98	0	0.04	0.88	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	98	0	0	0.094	0
Pesticides 2,4-D	P020	0.1 µg/l	5	0	< 0.004	0.006	0
Pesticides Atrazine	P004	0.1 µg/l	13	0	< 0.001	0.027	0
Pesticides Azinphos methyl	P005	0.1 µg/l	1	0	< 0.001	< 0.001	0
Pesticides Bentazone	P006	0.1 µg/l	6	0	< 0.001	< 0.002	0
Pesticides Boscalid	P231	0.1 µg/l	4	0	< 0.003	< 0.005	0
Pesticides Bromoxynil	P008	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	5	0	< 0.001	< 0.001	0
Pesticides Carbetamide	P010	0.1 µg/l	8	0	< 0.002	0.007	0

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones failing standard
Pesticides Chlorfenvinphos	P013	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Chlorthal (Chlorthal Dimethyl) DCPA	P175	0.1 µg/l	5	0	< 0.002	< 0.015	0
Pesticides Clopyralid	P018	0.1 µg/l	8	0	< 0.005	0.025	0
Pesticides Dicamba	P025	0.1 µg/l	4	0	< 0.003	< 0.004	0
Pesticides Diuron	P032	0.1 µg/l	4	0	< 0.003	0.004	0
Pesticides Lenacil	P109	0.1 µg/l	4	0	< 0.002	< 0.002	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	9	0	< 0.003	0.007	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	4	0	< 0.002	< 0.003	0
Pesticides Metaldehyde	P226	0.1 µg/l	81	0	< 0.005	0.064	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	4	0	< 0.005	< 0.006	0
Pesticides Propyzamide	P071	0.1 µg/l	13	0	< 0.002	0.021	0
Pesticides Quinmerac	P244	0.1 µg/l	17	0	< 0.001	0.008	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	98	0	0	0.003	0
Selenium (Total)	B009	10 µg Se/l	98	0	< 0.16	4.74	0
Trichloroethene & Tetrachloroethene - Sum Of 2 Substances (Total by Calculation)	D009B	10 µg/l	98	0	0	2.46	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	98	0	0.9	53.7	0
<b>Totals:</b>			<b>2,842</b>	<b>1</b>			

**Table SSE 10: Quality of water at consumer's tap (zones) - National Standards**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones failing standard
Aluminium (Total)	A021	200 µg Al/l	98	0	< 3.21	31.7	0
Colour	A001	20 mg/l Pt/Co scale	102	0	< 1	5.228	0
Iron (Total)	A022	200 µg Fe/l	98	0	< 0.7	54.1	0
Manganese (Total)	A023	50 µg Mn/l	98	0	< 0.14	2.19	0
Odour	A003	0 Dilution number	102	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	98	1	5.96	203	1
Taste (Taste Quant)	A004	0 Dilution number	102	2	0	1	2
Tetrachloromethane (Total)	D008	3 µg/l	98	0	< 0.02	< 0.14	0
Turbidity	A002	4 nephelometric turbidity units	102	0	0.07	0.4664	0
<b>Totals:</b>			<b>898</b>	<b>3</b>			

**Table SSE 11: Quality of water at consumer's tap (zones) - Additional Monitoring Requirements**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Ammonium (Total)	A014	0.5 mg NH <sub>4</sub> /l	102	0	< 0.004	0.20682
Chloride	D002A	250 mg Cl/l	98	0	10.4	98.6
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	98	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	293	0	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	102	-n/a	0	975
Conductivity (Electrical Conductivity)	D001	2500 µS/cm	102	0	112.57	778.85
Gross Alpha	F004	0.1 Bq/l	10	0	< 0.017	0.044
Gross Beta	F005	1 Bq/l	10	0	0.085	0.227
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	102	0	7.0706	8.0673
Residual Disinfectant - Total	C010	No abnormal change	292	-n/a	0.1093	0.9714
Sulphate	A007	250 mg SO <sub>4</sub> /l	98	0	12.5	120
Total Organic Carbon	A017	No abnormal change	98	-n/a	0.5	4.6
Tritium	F006	100 Bq/l	9	0	< 5.6	< 10
<b>Totals:</b>			<b>1,414</b>	<b>0</b>		