

Data summary tables for SSE Water (SSE)

These tables contain a summary of results of monitoring undertaken by the water company in 2019 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 2019*.

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 9 July 2020
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Site Summary Data for Scottish and Southern Energy

Report Date Range: For the whole year 2019

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	99	0	< 0.06	< 0.21	0
Antimony	B008A	5 µg Sb/l	99	0	< 0.04	0.55	0
Arsenic (Total)	B001A	10 µg As/l	99	0	0.12	1.37	0
Benzene (Total)	F002	1 µg/l	99	0	0.01	< 0.07	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	99	0	< 0.00022	0.00068	0
Boron	D005A	1 mg B/l	99	0	< 0.0149	0.107	0
Bromate	F003	10 µg BrO3/l	99	0	< 0.1	3.6	0
Cadmium (Total)	B002	5 µg Cd/l	99	0	< 0.013	0.117	0
Chromium (Total)	B004	50 µg Cr/l	99	0	0.18	1.08	0
Copper (Total)	A024A	2 mg Cu/l	99	0	< 0.0006	0.565	0
Cyanide (Total)	B003	50 µg CN/l	99	0	< 0.7	8.7	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	299	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	99	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	99	0	0.02	0.31	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	99	0	< 0.02	1	0
Mercury (Total)	B005	1 µg Hg/l	99	0	< 0.03	< 0.04	0
Nickel (Total)	B006A	20 µg Ni/l	99	1	0.21	53.4	1
Nitrate (Total)	A012	50 mg NO3/l	99	0	2.95	46.3	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	99	0	< 0.002	0.264	0
Nitrite/Nitrate formula	A013C	1 mg/l	99	0	0.06	0.93	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	76	0	0	0.075	0
Pesticides Atrazine	P004	0.1 µg/l	12	0	< 0.002	0.025	0
Pesticides Bentazone	P006	0.1 µg/l	8	0	< 0.001	< 0.003	0
Pesticides Boscalid	P231	0.1 µg/l	4	0	< 0.002	< 0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	8	0	0.015	0.036	0
Pesticides Dicamba	P025	0.1 µg/l	4	0	< 0.003	< 0.004	0
Pesticides Diuron	P032	0.1 µg/l	4	0	< 0.002	< 0.003	0
Pesticides Lenacil	P109	0.1 µg/l	4	0	< 0.002	< 0.002	0
Pesticides Linuron	P051	0.1 µg/l	4	0	< 0.002	< 0.004	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	8	0	< 0.003	0.008	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	8	0	< 0.002	0.003	0
Pesticides Metaldehyde	P226	0.1 µg/l	59	0	< 0.005	0.045	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 Picloram (Total)	P122	0.1 µg/l	8	0	< 0.004	< 0.006	0
Pesticides Propyzamide	P071	0.1 µg/l	16	0	< 0.002	< 0.005	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	99	0	0	0.004	0
Selenium (Total)	B009	10 µg Se/l	99	0	< 0.16	1.9	0
Trichloroethene & Tetrachloroethene - Sum Of 2 Substances (Total by Calculation)	D009B	10 µg/l	99	0	0	1.13	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	99	0	2.26	53.09	0
Totals:			2,799	1			

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	99	0	< 3.21	32.4	0
Colour	A001	20 mg/l Pt/Co	103	0	< 1	2.888	0
Iron (Total)	A022	200 µg Fe/l	99	0	< 0.7	60.2	0
Manganese (Total)	A023	50 µg Mn/l	99	0	< 0.14	1.59	0
Odour	A003	0 Dilution number at 25°C	103	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	99	0	5.72	55.1	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	103	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	99	0	< 0.02	< 0.14	0
Turbidity	A002	4 NTU	103	0	0.08	0.46	0
Totals:			907	0			

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 ₄ /l	103	0	< 0.004	0.20472
Chloride	D002A	250 mg Cl/l	99	0	10.3	85.5
Clostridium Perfringens (Confirmed)	C004A	0 number/100 ml	99	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	299	1	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	103	-n/a	0	> 1000
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	104	0	118.15	791.4
Gross Alpha	F004	0.1 Bq/l	11	0	< 0.021	< 0.04
Gross Beta	F005	1 Bq/l	11	0	0.099	0.239
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	103	0	7.0904	8.1856
Residual Disinfectant - Total	C010	No abnormal change	299	-n/a	0.08	0.82
Sulphate	A007	250 mg SO ₄ /l	99	0	12.2	122
Total Organic Carbon	A017	No abnormal change	99	-n/a	0.4	3.6
Tritium	F006	100 Bq/l	7	0	< 5.6	7.63
Totals:			1,436	1		