

Viewing Site Summary Data for Isles of Scilly

Report Date Range: For the whole year 2020

Table ISC 1: Quality of water leaving service treatment works - 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 works with failures
Nitrite (Total)	A013B	0.1 mg NO2/l	14	0	0.003	0.03	0
Totals:			14	0			

Table ISC 2: Quality of water leaving service treatment works - 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 works with failures
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	174	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	174	2	0	2	2
Totals:			348	2			

Table ISC 3: Quality of water leaving service treatment works - 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)
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	174	-n/a	0	98
Residual Disinfectant - Free	C009	No abnormal change	168	-n/a	0	2.0032
Residual Disinfectant - Total	C010	No abnormal change	167	-n/a	0	2.2112
Turbidity - Indicator	A002A	1 NTU	155	0	0.01	0.9
Totals:			664	0		

Table ISC 4: Quality of water leaving service reservoirs - 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 reservoirs failing standard
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	318	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	318	2	0	0	0
Totals:			636	2			

Table ISC 5: Quality of water leaving service reservoirs - 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)
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	318	-n/a	0	12
Residual Disinfectant - Free	C009	No abnormal change	316	-n/a	0	1.1009
Residual Disinfectant - Total	C010	No abnormal change	316	-n/a	0	1.2758
Totals:			950	0		

Table ISC 6: Quality of water leaving bulk supply points - 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 supply points with failures
Boron	D005A	1 mg B/l	10	0	0.0561	0.393	0
Cyanide (Total)	B003	50 µg CN/l	10	0	< 2.7	< 2.7	0
Fluoride (Total)	A027	1.5 mg F/l	10	0	0.017	0.098	0
Mercury (Total)	B005	1 µg Hg/l	10	0	< 0.04	< 0.04	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	10	0	0	0	0
Pesticides 2 4-D	P020	0.1 µg/l	10	0	< 0.01	< 0.01	0
Pesticides 2 4-DB	P082	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Asulam	P133	0.1 µg/l	10	0	< 0.012	< 0.048	0
Pesticides Atrazine	P004	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Azoxystrobin	P227	0.1 µg/l	10	0	< 0.005	< 0.005	0
Pesticides Bentazone	P006	0.1 µg/l	10	0	< 0.002	< 0.008	0
Pesticides Boscalid	P231	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Bromoxynil	P008	0.1 µg/l	10	0	< 0.006	< 0.006	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Chlorpyrifos (Chlorpyrifos Ethyl)	P017	0.1 µg/l	10	0	< 0.002	< 0.002	0
Pesticides Chlortoluron	P014	0.1 µg/l	10	0	< 0.005	< 0.005	0
Pesticides Clopyralid	P018	0.1 µg/l	10	0	< 0.009	< 0.036	0
Pesticides Cyprodinil	P228	0.1 µg/l	10	0	< 0.01	< 0.01	0
Pesticides Cyromazine	P223	0.1 µg/l	10	0	< 0.012	< 0.012	0
Pesticides Diazinon	P024	0.1 µg/l	8	0	< 0.007	< 0.007	0
Pesticides Dicamba	P025	0.1 µg/l	10	0	< 0.01	< 0.01	0
Pesticides Dichlobenil	P098	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Dichlorprop	P026	0.1 µg/l	10	0	< 0.009	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	10	0	< 0.004	< 0.004	0
Pesticides Diflufenican	P157	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Diuron	P032	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Epoxyconazole	P217	0.1 µg/l	10	0	< 0.016	< 0.016	0
Pesticides Fenpropimorph	P037	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Fluroxypyr	P040	0.1 µg/l	10	0	< 0.007	< 0.014	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	10	0	< 0.011	< 0.011	0
Pesticides Ioxynil	P049	0.1 µg/l	10	0	< 0.004	< 0.004	0
Pesticides Isoproturon	P048	0.1 µg/l	10	0	< 0.004	< 0.004	0
Pesticides Linuron	P051	0.1 µg/l	10	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	10	0	< 0.006	< 0.006	0
Pesticides MCPB	P055	0.1 µg/l	10	0	< 0.008	< 0.008	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Metaldehyde	P226	0.1 µg/l	10	0	< 0.001	< 0.001	0
Pesticides Metamitron	P194	0.1 µg/l	10	0	< 0.01	< 0.01	0
Pesticides Pendimethalin	P118	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	10	0	< 0.007	< 0.007	0

Pesticides Picloram (Total)	P122	0.1 µg/l	10	0	<	0.004	<	0.004	0
Pesticides Propamocarb	P238	0.1 µg/l	10	0	<	0.009	<	0.009	0
Pesticides Propyzamide	P071	0.1 µg/l	10	0	<	0.005	<	0.005	0
Pesticides Quinmerac	P244	0.1 µg/l	10	0	<	0.002	<	0.002	0
Pesticides Simazine	P073	0.1 µg/l	10	0	<	0.007	<	0.007	0
Pesticides Tebuconazole	P177	0.1 µg/l	10	0	<	0.007	<	0.007	0
Pesticides Triclopyr	P131	0.1 µg/l	10	0	<	0.004	<	0.004	0
Radon	F031	100 Bq/l	8	4		29.4		740	4
Totals:			476	4					

Table ISC 8: Quality of water leaving bulk supply points - 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)
Chloride	D002A	250 mg Cl/l	11	3	9	340
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	13	0	0	0
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	17	0	91.7	1410
Gross Alpha	F004	0.1 Bq/l	10	7	< 0.02	1.862
Gross Beta	F005	1 Bq/l	10	1	< 0.054	2.703
Sulphate	A007	250 mg SO4/l	10	0	< 2.4	55.9
Total Organic Carbon	A017	No abnormal change	7	-n/a	< 0.42	8.55
Tritium	F006	100 Bq/l	7	0	< 5.6	< 5.6
Totals:			85	11		

Table ISC 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	6	0	< 0.2	< 0.2	0
Antimony	B008A	5 µg Sb/l	7	0	< 0.05	0.18	0
Arsenic (Total)	B001A	10 µg As/l	7	0	< 0.62	6.7	0
Benzene (Total)	F002	1 µg/l	6	0	< 0.2	< 0.2	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	7	0	< 0.0005	0.0007	0
Boron	D005A	1 mg B/l	1	0	0.113	0.113	0
Bromate	F003	10 µg BrO ₃ /l	7	0	< 0.15	2.3	0
Cadmium (Total)	B002	5 µg Cd/l	7	0	< 0.06	0.454	0
Chromium (Total)	B004	50 µg Cr/l	6	0	< 0.8	1.84	0
Copper (Total)	A024A	2 mg Cu/l	1	0	0.0111	0.0111	0
Cyanide (Total)	B003	50 µg CN/l	1	0	< 2.7	< 2.7	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	25	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	7	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	1	0	0.013	0.013	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	1	0	0.539	0.539	0
Mercury (Total)	B005	1 µg Hg/l	1	0	< 0.04	< 0.04	0
Nickel (Total)	B006A	20 µg Ni/l	1	0	< 3.3	< 3.3	0
Nitrate (Total)	A012	50 mg NO ₃ /l	3	0	< 2	23.19	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	3	0	< 0.02	< 0.02	0
Nitrite/Nitrate formula	A013C	1 mg/l	3	0	0	0.46	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	1	0	0	0	0
Pesticides 2,4-DB	P082	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	1	0	< 0.013	< 0.013	0
Pesticides Atrazine	P004	0.1 µg/l	1	0	< 0.009	< 0.009	0
Pesticides Azoxystrobin	P227	0.1 µg/l	1	0	< 0.008	< 0.008	0
Pesticides Bentazone	P006	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Boscalid	P231	0.1 µg/l	1	0	< 0.015	< 0.015	0
Pesticides Bromoxynil	P008	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Chlortoluron	P014	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Cyromazine	P223	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Dicamba	P025	0.1 µg/l	1	0	< 0.011	< 0.011	0
Pesticides Diuron	P032	0.1 µg/l	1	0	< 0.007	< 0.007	0
Pesticides Fluroxypyr	P040	0.1 µg/l	1	0	< 0.011	< 0.011	0
Pesticides Ioxynil	P049	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Isoproturon	P048	0.1 µg/l	1	0	< 0.005	< 0.005	0
Pesticides Linuron	P051	0.1 µg/l	1	0	< 0.004	< 0.004	0
Pesticides MCPB	P055	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Metamitron	P194	0.1 µg/l	1	0	< 0.008	< 0.008	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	1	0	< 0.005	< 0.005	0

Pesticides Picloram (Total)	P122	0.1 µg/l	1	0	< 0.007	< 0.007	0
Pesticides Propamocarb	P238	0.1 µg/l	1	0	< 0.001	< 0.001	0
Pesticides Propyzamide	P071	0.1 µg/l	1	0	< 0.004	< 0.004	0
Pesticides Simazine	P073	0.1 µg/l	1	0	< 0.004	< 0.004	0
Pesticides Tebuconazole	P177	0.1 µg/l	1	0	< 0.006	< 0.006	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	7	0	0	0.003	0
Selenium (Total)	B009	10 µg Se/l	7	0	< 0.52	2.6	0
by Calculation)	D009B	10 µg/l	6	0	0	0	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	6	0	0	94.1	0
Totals:			152	0			

Table ISC 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	8	0	4.9	50.1	0
Colour	A001	20 mg/l Pt/Co	8	0	0.8	16	0
Iron (Total)	A022	200 µg Fe/l	8	0	7.6	16.2	0
Manganese (Total)	A023	50 µg Mn/l	8	1	0.372	305	1
Odour	A003	0 Dilution number at 25°C	8	1	0	1	1
Sodium (Total)	A009	200 mg Na/l	6	1	5.4	280	1
Taste (Taste Quant)	A004	0 Dilution number at 25°C	8	2	0	3	2
Tetrachloromethane (Total)	D008	3 µg/l	6	0	< 0.2	< 0.2	0
Turbidity	A002	4 NTU	8	0	< 0.07	0.29	0
Totals:			68	5			

Table ISC 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 NH4/l	4	0	< 0.04	< 0.04
Chloride	D002A	250 mg Cl/l	1	0	25	25
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	1	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	25	0	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	25	-n/a	0	4
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	1	0	98.2	98.2
Gross Alpha	F004	0.1 Bq/l	1	0	0.021	0.021
Gross Beta	F005	1 Bq/l	1	0	0	0
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	8	0	6.6	7.6
Residual Disinfectant - Free	C009	No abnormal change	22	-n/a	0	0.53
Residual Disinfectant - Total	C010	No abnormal change	22	-n/a	0	0.65
Sulphate	A007	250 mg SO4/l	3	0	< 2.4	24.3
Total Organic Carbon	A017	No abnormal change	3	-n/a	< 0.42	1.74
Totals:			117	0		