

Viewing Site Summary Data for Portsmouth Water Plc

Report Date Range: For the whole year 2020

Table PRT 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	117	0 <	0.011	< 0.02248	0
Totals:			117	0			

Table PRT 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	2,815	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	2,815	1	0	0	1
Totals:			5,630	1			

Table PRT 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	2,813	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	2,820	-n/a	0.28	0.81
Residual Disinfectant - Total	C010	No abnormal change	2,820	-n/a	0.31	0.8479
Turbidity - Indicator	A002A	1 NTU	2,814	0 <	0.28	0.31685
Totals:			11,267	0		

Table PRT 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	1,506	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	1,506	3	0	0	0
Totals:			3,012	3			

Table PRT 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	1,507	-n/a	0	15
Residual Disinfectant - Free	C009	No abnormal change	1,507	-n/a	0.18	0.66
Residual Disinfectant - Total	C010	No abnormal change	1,507	-n/a	0.24	0.71
Totals:			4,521	0		

Table PRT 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	150	0	< 0.12	< 0.12	0
Antimony	B008A	5 µg Sb/l	142	0	< 0.2	0.357	0
Arsenic (Total)	B001A	10 µg As/l	142	0	< 1	< 1	0
Benzene (Total)	F002	1 µg/l	148	0	< 0.02	0.1363	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	91	0	< 0.003	0.004	0
Boron	D005A	1 mg B/l	146	0	< 0.08	< 0.14	0
Bromate	F003	10 µg BrO ₃ /l	159	0	< 0.8	< 0.8	0
Cadmium (Total)	B002	5 µg Cd/l	147	0	< 0.22	< 0.22	0
Chromium (Total)	B004	50 µg Cr/l	93	0	< 2.3	< 2.3	0
Copper (Total)	A024A	2 mg Cu/l	74	0	< 0.172	0.68	0
Cyanide (Total)	B003	50 µg CN/l	145	0	< 2	11.468	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	1,195	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	143	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	93	0	0.072	0.419	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	78	0	< 0.5	5.1	0
Mercury (Total)	B005	1 µg Hg/l	142	0	< 0.04	< 0.04	0
Nickel (Total)	B006A	20 µg Ni/l	76	0	< 1.3	9.9	0
Nitrate (Total)	A012	50 mg NO ₃ /l	91	0	22.1	45	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	91	0	< 0.011	< 0.011	0
Nitrite/Nitrate formula	A013C	1 mg/l	91	0	0.442	0.9	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	96	0	0	0.021	0
Pesticides 2,4-D	P020	0.1 µg/l	92	0	< 0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	92	0	< 0.005	0.018	0
Pesticides Bentazone	P006	0.1 µg/l	92	0	< 0.007	< 0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	92	0	< 0.005	< 0.05	0
Pesticides Mesosulfuron-methyl	P234	0.1 µg/l	92	0	< 0.005	< 0.005	0
Pesticides Metaldehyde	P226	0.1 µg/l	92	0	< 0.008	0.014	0
Pesticides Picloram (Total)	P122	0.1 µg/l	92	0	< 0.015	< 0.015	0
Pesticides Propyzamide	P071	0.1 µg/l	92	0	< 0.008	< 0.008	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	91	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	142	0	< 0.8	4.6	0
by Calculation)	D009B	10 µg/l	148	0	0	0	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	145	0	2.392	68.794	0
Totals:			4,795	0			

Table PRT 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	360	1	7.008	63.833	1
Colour	A001	20 mg/l Pt/Co	424	0 <	1.23	2.2675	0
Iron (Total)	A022	200 µg Fe/l	360	0 <	13.8	26.242	0
Manganese (Total)	A023	50 µg Mn/l	360	0 <	2.5	< 2.5	0
Odour	A003	0 Dilution number at 25°C	419	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	93	0	7.1	16.4	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	422	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	148	0 <	0.11	< 0.11	0
Turbidity	A002	4 NTU	475	0 <	0.28	0.47096	0
Totals:			3,061	1			

Table PRT 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	426	0 <	0.073	< 0.073
Chloride	D002A	250 mg Cl/l	92	0	20.3	32.5
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	139	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	1,195	0	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	468	-n/a	0	16
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	451	0	492	636
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	451	0	7.05	7.834
Residual Disinfectant - Free	C009	No abnormal change	1,191	-n/a	0.12	0.68
Residual Disinfectant - Total	C010	No abnormal change	1,191	-n/a	0.21	0.72
Sulphate	A007	250 mg SO ₄ /l	143	0	10.588	24.264
Total Organic Carbon	A017	No abnormal change	146	-n/a <	0.5	3.678
Totals:			5,893	0		