

## **Data summary tables for Veolia Water Projects Ltd (VWP)**

These tables contain a summary of results of monitoring undertaken by the water company in 2017 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 2017*.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.defra.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 2018  
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## Site Summary Data for Veolia Water Projects

Report Date Range: For the whole year 2017

**Table VWP 1: Quality of water leaving 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 NO <sub>2</sub> /l	16	0	< 0.008	< 0.008	0
<b>Totals:</b>			<b>16</b>	<b>0</b>			

**Table VWP 2: Quality of water leaving 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	156	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	156	0	0	0	0
<b>Totals:</b>			<b>312</b>	<b>0</b>			

**Table VWP 3: Quality of water leaving 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 22øc (Colony Counts)	C007	No abnormal change	156	-n/a	0	7
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	104	-n/a	0	5
Residual Disinfectant - Total	C010	No abnormal change	156	-n/a	0.4798	0.8701
Turbidity - Indicator	A002A	1 nephelometric turbidity units	156	0	< 0.1	0.3429
<b>Totals:</b>			<b>572</b>	<b>0</b>		

**Table VWP 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	283	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	283	0	0	0	0
<b>Totals:</b>			<b>566</b>	<b>0</b>			

**Table VWP 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	283	-n/a	0	11
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	186	-n/a	0	11
Residual Disinfectant - Total	C010	No abnormal change	283	-n/a	0.1568	0.6664
<b>Totals:</b>			<b>752</b>	<b>0</b>		

Table VWP 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	8	0	< 0.04	< 0.04	0
Antimony	B008A	5 µg Sb/l	8	0	< 0.2	< 0.2	0
Arsenic (Total)	B001A	10 µg As/l	8	0	< 1	< 1	0
Benzene (Total)	F002	1 µg/l	8	0	< 0.02	< 0.02	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	8	0	< 0.0006	< 0.0006	0
Boron	D005A	1 mg B/l	8	0	< 0.1	< 0.1	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	8	0	< 0.5	< 0.5	0
Cadmium (Total)	B002	5 µg Cd/l	8	0	< 0.2	< 0.2	0
Chromium (Total)	B004	50 µg Cr/l	8	0	< 0.5	0.995	0
Copper (Total)	A024A	2 mg Cu/l	8	0	< 0.01	0.0531	0
Cyanide (Total)	B003	50 µg CN/l	8	0	< 1	< 1	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	36	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	8	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	8	0	0.066	0.081	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	8	0	< 1	8.21	0
Mercury (Total)	B005	1 µg Hg/l	8	0	< 0.1	< 0.1	0
Nickel (Total)	B006A	20 µg Ni/l	8	0	< 2	< 2	0
Nitrate (Total)	A012	50 mg NO <sub>3</sub> /l	8	0	12.6	29.8	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO <sub>2</sub> /l	8	0	< 0.008	< 0.008	0
Nitrite/Nitrate formula	A013C	1 mg NO <sub>2</sub> /l	8	0	< 0.252	< 0.596	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	7	0	0	0.016	0
Pesticides Atrazine	P004	0.1 µg/l	8	0	< 0.005	< 0.005	0
Pesticides Desethylatrazine	P182	0.1 µg/l	8	0	< 0.006	0.016	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	8	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	8	0	< 1	< 1	0
Trichloroethene & Tetrachloroethene - Sum Of 2 Substances (Total by Calculation)	D009B	10 µg/l	8	0	0.13	1.24	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	8	0	0.31	10.15	0
<b>Totals:</b>			<b>243</b>	<b>0</b>			

**Table VWP 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	< 5	< 5	0
Colour	A001	20 mg/l Pt/Co scale	12	0	< 1	1.1	0
Iron (Total)	A022	200 µg Fe/l	8	0	< 15	< 15	0
Manganese (Total)	A023	50 µg Mn/l	8	0	< 1	< 1	0
Odour	A003	0 Dilution number	12	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	8	0	5.79	8.69	0
Taste (Taste Quant)	A004	0 Dilution number	12	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	8	0	< 0.06	0.12	0
Turbidity	A002	4 nephelometric turbidity units	24	0	< 0.1	0.43	0
<b>Totals:</b>			<b>100</b>	<b>0</b>			

**Table VWP 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	12	0	< 0.04	0.04
Chloride	D002A	250 mg Cl/l	8	0	12	18
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	8	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	36	0	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	24	-n/a	0	3
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	16	-n/a	0	3
Conductivity (Electrical Conductivity)	D001	2500 µS/cm	24	0	376	512
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	24	0	7	7.5
Residual Disinfectant - Total	C010	No abnormal change	36	-n/a	0.25	0.71
Sulphate	A007	250 mg SO <sub>4</sub> /l	8	0	6	15
Total Organic Carbon	A017	No abnormal change	8	-n/a	0.6	0.7
<b>Totals:</b>			<b>204</b>	<b>0</b>		