

DWR CYMRU / WELSH WATER
Drinking Water Compliance Summary

Water Quality Zone **1005 B04** **Bangor / Caernarfon** **From** **01/01/2020** **To** **31/12/2020**

Parameter	Unit of Measurement	No. Samples Taken	Average Value	Max Value	Limit	% Compliance
Colour	Pt/Co mg/l	29	1.7172	11.00	20.00	100.00
Odour	Dilution number	29	0.00	0.00	0.00	100.00
Taste	Dilution number	29	0.00	0.00	0.00	100.00
Hydrogen Ion Lower Minimum	pH Unit	29	7.8828	8.70	6.50	100.00
Hydrogen ion - Upper maximum	pH units	29	7.8828	8.70	9.50	100.00
Sulphate	mg/l	4	6.725	7.30	250.00	100.00
Nitrite (mg/l NO2)	mg/l	4	0.0148	0.0148	0.50	100.00
Sodium	mg/l	4	8.825	9.30	200.00	100.00
Nitrate (mg/l NO3)	mg/l	4	2.2794	2.4786	50.00	100.00
Ammonium	mg/l	4	0.0193	0.0632	0.50	100.00
Aluminium	ug/l	29	21.8621	74.00	200.00	100.00
TOTAL IRON UG/L	ug/l	29	22.6897	140.00	200.00	100.00
Manganese	ug/l	29	3.5724	42.00	50.00	100.00
Copper	mg/l	4	0.065	0.065	2.00	100.00
Phosphorus	ug/l	4	715.00	770.00	2200.00	100.00
Fluoride	mg/l	4	0.031	0.031	1.50	100.00
Arsenic	ug/l	4	0.1475	0.20	10.00	100.00
Cadmium	ug/l	4	0.02	0.02	5.00	100.00
Cyanide	ug/l	4	3.60	3.60	50.00	100.00
Chromium	ug/l	4	0.275	0.77	50.00	100.00
Mercury	ug/l	4	0.01	0.01	1000.00	100.00
Nickel	ug/l	4	0.59	0.98	20.00	100.00
Lead	ug/l	4	0.12	0.24	10.00	100.00
Antimony	ug/l	4	0.03	0.03	5.00	100.00
Selenium	ug/l	4	0.06	0.06	10.00	100.00
Enterococci	/100ml	4	0.00	0.00	0.00	100.00
Turbidity	Turbidity units	29	0.1164	1.20	4.00	100.00
Total Coliforms	/100ml	83	0.00	0.00	0.00	100.00
Faecal Coliforms	/100ml	83	0.00	0.00	0.00	100.00
Temperature	Degrees C	83	9.9024	17.50	25.00	100.00
Conductivity	us/cm	29	87.1724	310.00	2500.00	100.00
Chloride	mg/l	4	5.225	5.40	250.00	100.00
Boron	mg/l	4	0.041	0.041	1.00	100.00
Benzo (a) Pyrene	ug/l	4	0.0005	0.0008	0.01	100.00
Tetrachloromethane	ug/l	4	0.0568	0.062	3.00	100.00
Trichloroethene	ug/l	4	0.0313	0.041	10.00	100.00
Tetrachloroethene	ug/l	4	0.0638	0.065	10.00	100.00
Bromate	ug/l	4	0.14	0.14	10.00	100.00
Benzene	ug/l	4	0.03	0.03	1.00	100.00
1,2 Dichloroethane	ug/l	4	0.056	0.059	3.00	100.00
Pesticides :						
Aldrin	ug/l	4	0.002	0.002	0.03	100.00
Dieldrin	ug/l	4	0.0021	0.0021	0.03	100.00
Heptachlor	ug/l	4	0.0025	0.0025	0.03	100.00
Heptachlor Epoxide	ug/l	4	0.0057	0.0057	0.03	100.00
Mecoprop	ug/l	4	0.0026	0.0026	0.10	100.00
2-4,D	ug/l	4	0.0024	0.0024	0.10	100.00
MCPA	ug/l	4	0.0041	0.0066	0.10	100.00
Asulam	ug/l	4	0.0033	0.0033	0.10	100.00
Glyphosate	ug/l	4	0.002	0.002	0.10	100.00
<i>*Total Pesticides</i>	<i>ug/l</i>	<i>4</i>	<i>0.002</i>	<i>0.01</i>	<i>0.50</i>	<i>100.00</i>

