

Water quality results for:



Here you can see what's in the water where you live. The report covers an average 12 month period, which is then updated weekly.

Water source

The water supply to this area is from Lake Vyrnwy.

Water quality

The water supply to this area is soft. The supply is low in naturally occurring fluoride and is not artificially fluoridated. For further information please follow the link on the 'About your water' page.

Quality control

There are strict regulations to ensure that drinking water meets the standards required by European Union legislation. We monitor the quality of water as it leaves our treatment works and service reservoirs to make sure that standards are being met. We also measure the quality of water as it reaches our customers. The region we supply is divided into 227 Water Supply Zones. The water supplied to a zone is usually from one water treatment works or service reservoir. All the test results for your Water Supply Zone are summarised in the Drinking Water Register, which can be viewed by selecting the "Full" tab below. This report covers a rolling 12 month period, which is updated weekly.

Soft

Hardness clark:
1.26

Date of update:
06/09/2025

Water supply zone:
Runcorn East

Water supply zone ref:
Z148

Postcode search

Your postcode

SEARCH

SummaryFull

Parameter	Min	Average	Max	Units	Regulatory limit	Number of samples	%Failed
Alkalinity as CaCO3	7.20	9.74	12.6	mg/l		10	0
Aluminium	<2.71	<5.66	7.95	µg Al/l	200	56	0
Ammonium (ammonia and ammonium ions)	<0.0322	<0.0419	<0.0540	mg NH4/l	0.5	9	0
Antimony	<0.310	<0.310	<0.310	µg Sb/l	5	8	0
Arsenic	<0.480	<0.480	<0.480	µg As/l	10	8	0
Benzene	<0.0780	<0.0809	<0.0830	µg/l	1	36	0
Benzo(a)pyrene	<0.0020	<0.0020	<0.0020	µg/l	0.01	8	0
Boron	<0.0127	<0.0157	<0.0199	mg B/l	1	36	0
Bromate	0.440	<0.567	0.670	µg BrO3/l	10	9	0
Cadmium	<0.0900	<0.0900	<0.0900	µg Cd/l	5	8	0
Calcium	3.99	5.77	9.27	mg Ca/l		56	0
Chloride	<12.3	<14.9	<18.3	mg Cl/l	250	35	0
Chromium	<0.830	<0.830	<0.830	µg Cr/l	50	8	0
Residual chlorine - Total	0.06	0.72	1.13	mg/l		140	0

Parameter	Min	Average	Max	Units	Regulatory limit	Number of samples	%Failed
Residual chlorine Free	0.05	0.65	1.00	mg/l		142	0
Colony counts after 3 days at 22 deg C	0	0	5	number/1ml		54	0
Coliform bacteria	0	0	0	number/100ml	0	140	0
Colour	<1.21	<1.77	<2.08	mg/l Pt/Co scale	20	58	0
Conductivity	64.1	77.0	95.5	uS/cm at 20oC	2500	58	0
Copper	<0.0104	<0.0137	0.0296	mg Cu/l	2	8	0
Clostridium perfringens (including spores)	0	0	0	number/100ml	0	5	0
Cyanide	<3.91	<3.91	<3.91	µg CN/l	50	38	0
1,2 dichloroethane	0.130	0.159	0.180	µg/l	3	36	0
E.coli	0	0	0	number/100ml	0	140	0
Enterococci	0	0	0	number/100ml	0	5	0
Fluoride	<0.180	<0.263	<0.270	mg F/l	1.5	74	0
Hardness Total as CaCO3	13	18	28	mg CaCO3/l		56	0
Iron	13.2	41.5	158	µg Fe/l	200	56	0
Lead	0.550	0.550	0.550	µg Pb/l	10	8	0
Magnesium	0.790	0.920	1.20	mg Mg/l		56	0
Manganese	0.370	<1.06	4.64	µg Mn/l	50	56	0
Mercury	<0.130	<0.130	<0.130	µg Hg/l	1	36	0
Nickel	<0.770	<0.770	<0.770	µg Ni/l	20	8	0
Nitrite	<0.0076	<0.0085	<0.0099	mg NO2/l	0.5	9	0
Nitrate	<2.04	<2.21	<2.44	mg NO3/l	50	9	0
(Nitrate)/50 plus (nitrite)/3	0.0100	0.0226	0.0350	mg/l	1	9	0
Odour (quantitative)	0	0	0	dilution number at 25oC	0	58	0
Total organic carbon	0.670	0.857	1.08	mg C/l		37	0
Polycyclic aromatic hydrocarbons (sum of 4 PAHs)	0.0000	0.0000	0.0000	µg/l	0.1	8	0
Hydrogen ion (pH)	6.58	7.05	7.76	pH value	9.5	104	0
Selenium	<0.850	<0.850	<0.850	µg Se/l	10	8	0
Sodium	8.04	8.48	9.66	mg Na/l	200	7	0
Sulphate	10.0	12.2	19.5	mg SO4/l	250	37	0
Taste (quantitative)	0	0	0	dilution number at 25oC	0	56	0
Tetrachloromethane	<0.380	<0.453	<0.670	µg/l	3	8	0
Trihalomethanes - Total	22.0	29.1	40.1	µg/l	100	8	0
Tetrachloroethene and trichloroethene	0.0000	0.0000	0.0000	µg/l	10	8	0
Turbidity	<0.10	<0.19	1.90	NTU	4	58	0

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