

S538 ORLTONS WATER SUPPLY ZONE

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	1	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	1	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	1	<0.008	<0.008	<0.008	0
ALUMINIUM	ugAl/l	200	2	<6.9	23.8	40.7	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	2	<0.01	0.0105	0.011	0
ANTIMONY	ugSb/l	5	1	0.36	0.36	0.36	0
ARSENIC	ugAs/l	10	1	0.41	0.41	0.41	0
ATRAZINE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
BENAZOLIN	ug/l	0.1	1	<0.013	<0.013	<0.013	0
BENTAZONE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	1	<0.06	<0.06	<0.06	0
BENZO A PYRENE	ug/l	0.01	1	0.0028	0.0028	0.0028	0
BORON	mgB/l	1	1	0.048	0.048	0.048	0
BOSCALID	ug/l	0.1	1	<0.008	<0.008	<0.008	0
BROMACIL	ug/l	0.1	1	<0.015	<0.015	<0.015	0
BROMATE	ugBr03/l	10	1	<0.1	<0.1	<0.1	0
BROMOXYNIL	ug/l	0.1	1	<0.01	<0.01	<0.01	0
CADMIUM	ugCd/l	5	1	0.18	0.18	0.18	0
CARBENDAZIM	ug/l	0.1	1	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	1	<0.013	<0.013	<0.013	0
CHLORIDE	mgCl/l	250	1	38.7	38.7	38.7	0
CHLORMEQUAT	ug/l	0.1	1	<0.003	<0.003	<0.003	0
CHLOROTHALONIL	ug/l	0.1	1	<0.006	<0.006	<0.006	0
CHLORPYRIPHOS	ug/l	0.1	1	<0.008	<0.008	<0.008	0
CHLORTOLURON	ug/l	0.1	1	<0.007	<0.007	<0.007	0
CHROMIUM	ugCr/l	50	1	<0.18	<0.18	<0.18	0
CLOPYRALID	ug/l	0.1	1	0.038	0.038	0.038	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	1	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	4	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	2	0	2.5	5	0
COLOUR	mg/l Pt/Co	20	2	<3	<3	<3	0
CONDUCTIVITY	uS/cm	2500	2	356	363	370	0
COPPER	mgCu/l	2	1	0.0015	0.0015	0.0015	0
CYANAZINE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
CYANIDE	ugCN/l	50	1	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	1	<0.007	<0.007	<0.007	0
DIAZINON	ug/l	0.1	1	<0.007	<0.007	<0.007	0
DICAMBA	ug/l	0.1	1	<0.012	<0.012	<0.012	0

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DICHLORPROP	ug/l	0.1	1	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	1	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	1	<0.009	<0.009	<0.009	0
DIURON	ug/l	0.1	1	<0.008	<0.008	<0.008	0
E.COLI	Number/100ml	0	4	0	0	0	0
ENTEROCOCCI	Number/100ml	0	1	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
FENPROPIMORPH	ug/l	0.1	1	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	1	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	1	0.09	0.09	0.09	0
FLUOROXYPYR	ug/l	0.1	1	<0.008	<0.008	<0.008	0
FLUSILAZOLE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
FLUTRIAFOL	ug/l	0.1	1	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		4	<0.04	0.045	0.05	0
GAMMA HCH	ug/l	0.1	1	<0.005	<0.005	<0.005	0
GLYPHOSATE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	1	<0.027	<0.027	<0.027	0
GROSS BETA	Bq/l	1	1	0.148	0.148	0.148	0
HEPTACHLOR	ug/l	0.03	1	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	1	<0.007	<0.007	<0.007	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	2	7.43	7.555	7.68	0
IRON	ugFe/l	200	2	7.38	116.19	225	1
ISOPROTURON	ug/l	0.1	1	<0.005	<0.005	<0.005	0
LEAD	ugPb/l	10	1	0.55	0.55	0.55	0
LINURON	ug/l	0.1	1	<0.01	<0.01	<0.01	0
MANGANESE	ugMn/l	50	2	1.5	3.795	6.09	0
MCPA	ug/l	0.1	1	<0.006	<0.006	<0.006	0
MCPB	ug/l	0.1	1	<0.008	<0.008	<0.008	0
MECOPROP	ug/l	0.1	1	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
MERCURY	ugHg/l	1	1	<0.06	<0.06	<0.06	0
METALDEHYDE	ug/l	0.1	1	0.007	0.007	0.007	0
METAZACHLOR	ug/l	0.1	1	<0.006	<0.006	<0.006	0
METHABENZTHIAZURON	ug/l	0.1	1	<0.005	<0.005	<0.005	0
NICKEL	ugNi/l	20	1	1.7	1.7	1.7	0
NITRATE	mgNO3/l	50	2	3.35	7.125	10.9	0
NITRITE	mgNO2/l	0.5	2	<0.003	<0.003	<0.003	0
NITRITE/NITRATE FORMULA	Number	1	2	0.07	0.145	0.22	0
ODOUR	Diln. No.	No Abnormal Change	2	0	0	0	0

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PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	1	0.009	0.009	0.009	0
PARATHION (PARATHION ETHYL)	ug/l	0.1	1	<0.012	<0.012	<0.012	0
PENDIMETHALIN	ug/l	0.1	1	<0.009	<0.009	<0.009	0
PENTACHLOROPHENOL	ug/l	0.1	1	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	1	0.081	0.081	0.081	0
PICLORAM	ug/l	0.1	1	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	1	<0.016	<0.016	<0.016	0
PROMETRYN	ug/l	0.1	1	<0.004	<0.004	<0.004	0
PROPAZINE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
PROPICONAZOLE	ug/l	0.1	1	<0.007	<0.007	<0.007	0
PROPYZAMIDE	ug/l	0.1	1	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	1	<0.01	<0.01	<0.01	0
QUINMERAC	ug/l	0.1	1	0.036	0.036	0.036	0
RADON	Bq/l	100	1	<0.8	<0.8	<0.8	0
SELENIUM	ugSe/l	10	1	<0.32	<0.32	<0.32	0
SIMAZINE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
SODIUM	mgNa/l	200	1	19.9	19.9	19.9	0
SPIROXAMINE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	1	70.9	70.9	70.9	0
TASTE	Diln. No.	No Abnormal Change	2	0	0	0	0
TEBUCONAZOLE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	1	0	0	0	0
TERBUTRYN	ug/l	0.1	1	<0.005	<0.005	<0.005	0
TETRACHLOROMETHANE	ug/l	3	1	<0.16	<0.16	<0.16	0
TOTAL CHLORINE	mg/l as Cl2		4	0.07	0.09	0.11	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	1	3.67	3.67	3.67	0
TRIALATE	ug/l	0.1	1	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	1	<0.016	<0.016	<0.016	0
TRIFLAZINE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
TRIFLURALIN	ug/l	0.1	1	<0.007	<0.007	<0.007	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	1	55.45	55.45	55.45	0
TRITIUM	Bq/l	100	1	<8.5	<8.5	<8.5	0
TURBIDITY	NTU	4	2	<0.13	0.195	0.26	0