

K507 NURSTEAD WATER SUPPLY ZONE

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	12	<6.9	11.96667	14.5	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.00925	0.01	0
ANTIMONY	ugSb/l	5	8	0.04	0.06625	0.07	0
ARSENIC	ugAs/l	10	8	0.14	0.205	0.23	0
BENZO A PYRENE	ug/l	0.01	8	<0.00042	0.00046	0.00057	0
CADMIUM	ugCd/l	5	8	<0.01	0.0275	0.03	0
CHROMIUM	ugCr/l	50	8	0.18	0.24875	0.37	0
COLIFORM BACTERIA	Number/100ml	0	24	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	12	0	0.41667	5	0
COLOUR	mg/l Pt/Co	20	12	<3	3.025	3.3	0
COPPER	mgCu/l	2	8	0.0073	0.03075	0.124	0
E.COLI	Number/100ml	0	24	0	0	0	0
ENTEROCOCCI	Number/100ml	0	8	0	0	0	0
FREE CHLORINE	mg/l as Cl2		24	0.35	0.57208	0.8	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	12	7.14	7.2325	7.33	0
IRON	ugFe/l	200	12	<3.72	4.60083	5.23	0
LEAD	ugPb/l	10	8	<0.04	0.2775	1.23	0
MANGANESE	ugMn/l	50	12	<0.3	0.66667	0.85	0
NICKEL	ugNi/l	20	8	0.55	0.9175	1.97	0
NITRATE	mgNO3/l	50	8	28.1	30.225	33.7	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00263	0.003	0
NITRITE/NITRATE FORMULA	Number	1	8	0.56	0.605	0.67	0
ODOUR	Diln. No.	No Abnormal Change	12	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	8	0	0.00035	0.001	0
SELENIUM	ugSe/l	10	8	0.46	0.54875	0.67	0
SODIUM	mgNa/l	200	8	10.3	10.775	11.8	0
TASTE	Diln. No.	No Abnormal Change	12	0	0	0	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	8	0	1.29625	1.77	0
TETRACHLOROMETHANE	ug/l	3	8	<0.16	0.17375	0.27	0
TOTAL CHLORINE	mg/l as Cl2		24	0.39	0.60667	0.85	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	8	2.15	4.13	5.32	0
TURBIDITY	NTU	4	12	<0.13	0.1375	0.19	0

FAWKHAM LONGFIELD WSW

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1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	8	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.0045	0.006	0
ATRAZINE DESISOPROPYL	ug/l	0.1	8	<0.008	0.00825	0.009	0
BENTAZONE	ug/l	0.1	8	<0.005	0.00588	0.007	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0201	0.03043	0.0319	0
BROMACIL	ug/l	0.1	8	<0.011	0.014	0.015	0
BROMATE	ugBr03/l	10	8	<0.07	0.1025	0.15	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	21.1	21.9125	22.7	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.0065	0.007	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	104	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	104	0	0.49038	25	0
CONDUCTIVITY	uS/cm	2500	24	534	570.16667	598	0
CYANAZINE	ug/l	0.1	8	<0.004	0.00475	0.007	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	104	0	0	0	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.09	0.10125	0.11	0
FLUSILAZOLE	ug/l	0.1	8	<0.005	0.006	0.009	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		104	0.42	0.77183	0.98	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.03125	0.036	0
GROSS BETA	Bq/l	1	8	0.038	0.04863	0.058	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	8	<0.005	<0.005	<0.005	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	0.00963	0.028	0
METHABENZTHIAZURON	ug/l	0.1	8	<0.005	0.00525	0.006	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.0025	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0.00463	0.007	0
PIRIMICARB	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROMETRYN	ug/l	0.1	8	<0.004	0.00425	0.005	0

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PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	8	6.02	6.875	7.37	0
TERBUTRYN	ug/l	0.1	8	<0.004	0.00475	0.005	0
TOTAL CHLORINE	mg/l as Cl2		104	0.55	0.80077	1.06	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	<0.7	<0.7	0
TRIFLURAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	104	<0.13	0.15019	0.47	0