

S533 HARDHAM / LAWS AQUIFER COMBINED WATER SUPPLY ZONE

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	24	<6.9	12.70625	16.7	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.0165	0.064	0
ANTIMONY	ugSb/l	5	9	<0.07	0.07556	0.11	0
ARSENIC	ugAs/l	10	9	0.21	0.24889	0.29	0
BENZO A PYRENE	ug/l	0.01	9	<0.00042	0.00045	0.00057	0
BROMATE	ugBrO3/l	10	8	<0.1	0.6175	1.17	0
CADMIUM	ugCd/l	5	9	<0.03	<0.03	<0.03	0
CHROMIUM	ugCr/l	50	9	<0.18	0.19111	0.23	0
COLIFORM BACTERIA	Number/100ml	0	48	0	0.3125	15	1
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	24	0	0.45833	4	0
COLOUR	mg/l Pt/Co	20	24	<3	<3	<3	0
COPPER	mgCu/l	2	9	0.0035	0.0666	0.271	0
E.COLI	Number/100ml	0	48	0	0.04167	2	1
ENTEROCOCCI	Number/100ml	0	9	0	0	0	0
FREE CHLORINE	mg/l as Cl2		48	0.05	0.39125	0.72	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	24	7.1	7.50417	7.87	0
IRON	ugFe/l	200	24	<3.72	10.72667	66.2	0
LEAD	ugPb/l	10	9	<0.04	0.16778	0.5	0
MANGANESE	ugMn/l	50	24	0.31	1.52083	6.23	0
NICKEL	ugNi/l	20	9	0.83	2.04778	2.65	0
NITRATE	mgNO3/l	50	8	13.9	19.75	26.1	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00288	0.004	0
NITRITE/NITRATE FORMULA	Number	1	8	0.28	0.395	0.52	0
ODOUR	Diln. No.	No Abnormal Change	24	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	9	0	0.00039	0.002	0
SELENIUM	ugSe/l	10	9	<0.32	0.48667	0.77	0
SODIUM	mgNa/l	200	9	12.4	19.41111	27.2	0
TASTE	Diln. No.	No Abnormal Change	24	0	0	0	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	8	0	0	0	0
TETRACHLOROMETHANE	ug/l	3	9	<0.16	<0.16	<0.16	0
TOTAL CHLORINE	mg/l as Cl2		48	0.09	0.46729	0.77	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	9	6.98	31.47444	48.53	0
TURBIDITY	NTU	4	24	<0.13	0.14417	0.34	0

HARDHAM WRV WSW

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
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	0.0065	0.02	0
ATRAZINE DESETHYL	ug/l	0.1	8	<0.004	0.00625	0.02	0
ATRAZINE DESISOPROPYL	ug/l	0.1	8	<0.008	0.01225	0.04	0
BENTAZONE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	<0.0319	0.03239	0.0343	0
BOSCALID	ug/l	0.1	8	<0.008	0.012	0.04	0
BROMATE	ugBr03/l	10	8	0.47	0.81125	1.24	0
CARBENDAZIM	ug/l	0.1	8	<0.005	0.0075	0.025	0
CARBETAMIDE	ug/l	0.1	8	<0.009	0.0185	0.065	0
CHLORIDE	mgCl/l	250	8	33.3	36.5375	39.8	0
CHLORMEQUAT	ug/l	0.1	8	<0.003	0.00425	0.008	0
CHLOROTHALONIL	ug/l	0.1	8	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.01	0.035	0
CLOPYRALID	ug/l	0.1	8	<0.011	<0.011	<0.011	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	0.15385	2	0
CONDUCTIVITY	uS/cm	2500	24	278	377.875	432	0
CYANAZINE	ug/l	0.1	8	<0.004	0.00675	0.02	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	8	<0.006	0.01025	0.035	0
DIAZINON	ug/l	0.1	8	<0.007	<0.007	<0.007	0
DICAMBA	ug/l	0.1	8	<0.012	<0.012	<0.012	0
DICHLORPROP	ug/l	0.1	8	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
DIURON	ug/l	0.1	8	<0.008	0.01225	0.04	0
E.COLI	Number/100ml	0	104	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00775	0.025	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	8	<0.008	0.012	0.04	0
FLUORIDE	mgF/l	1.5	8	0.08	0.09	0.1	0
FLUOROXYPYR	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	0.0075	0.025	0

HARDHAM WRV WSW

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
FLUXAPYROXAD	ug/l	0.1	8	<0.009	0.01375	0.045	0
FREE CHLORINE	mg/l as Cl2		104	0.51	0.84558	1.11	0
GLYPHOSATE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.017	0.02575	0.029	0
GROSS BETA	Bq/l	1	8	0.073	0.09563	0.131	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	0.0075	0.025	0
LINURON	ug/l	0.1	8	<0.009	0.00975	0.01	0
MCPA	ug/l	0.1	8	<0.006	<0.006	<0.006	0
MECOPROP	ug/l	0.1	8	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	8	<0.004	0.005	0.008	0
MERCURY	ugHg/l	1	8	<0.04	0.0475	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
METAZACHLOR	ug/l	0.1	8	<0.005	0.00875	0.03	0
METHABENZTHIAZURON	ug/l	0.1	8	<0.005	0.00775	0.025	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00288	0.003	0
PENDIMETHALIN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0.00038	0.003	0
PICLORAM	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROPAZINE	ug/l	0.1	8	<0.005	0.0075	0.025	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.011	0.035	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	0
QUINMERAC	ug/l	0.1	8	<0.006	0.01275	0.045	0
SIMAZINE	ug/l	0.1	8	<0.005	0.0075	0.025	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.0085	0.025	0
SULPHATE	mgSO4/l	250	8	22.5	27.3375	29.8	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00775	0.025	0
TERBUTHYLAZINE	ug/l	0.1	8	<0.005	0.0075	0.025	0
TERBUTRYN	ug/l	0.1	8	<0.004	0.00725	0.025	0
TOTAL CHLORINE	mg/l as Cl2		104	0.64	0.93769	1.23	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	1.38	1.695	2.28	0
TRIALATE	ug/l	0.1	8	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	8	<0.016	<0.016	<0.016	0
TRIFLURAZINE	ug/l	0.1	8	<0.004	0.00625	0.02	0
TURBIDITY	NTU	1	104	<0.13	0.16721	0.47	0

ROTHERFIELD MIDHURST WSW

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.00513	0.006	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	<0.0319	0.0331	0.0353	0
BROMATE	ugBr03/l	10	8	<0.1	0.1125	0.15	0
CHLORIDE	mgCl/l	250	8	25.9	26.425	26.8	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	52	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	52	0	0.23077	4	0
CONDUCTIVITY	uS/cm	2500	12	522	540.91667	555	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	52	0	0	0	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.1	0.11125	0.12	0
FREE CHLORINE	mg/l as Cl2		52	0.58	0.74615	0.95	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.02775	0.035	0
GROSS BETA	Bq/l	1	8	0.056	0.07188	0.096	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
MERCURY	ugHg/l	1	8	<0.04	0.0425	0.06	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00275	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0.00313	0.006	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	8	40.9	42.625	45	0
TOTAL CHLORINE	mg/l as Cl2		52	0.63	0.77192	0.96	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.7125	0.74	0
TURBIDITY	NTU	1	52	<0.13	0.13769	0.22	0

LODSWORTH WSW

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
BENTAZONE	ug/l	0.1	8	<0.005	0.00525	0.006	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	<0.0319	<0.0319	<0.0319	0
BROMATE	ugBr03/l	10	8	0.08	0.21625	0.5	0
CHLORIDE	mgCl/l	250	8	22.2	26.1875	28.3	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	52	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	52	0	0.11538	1	0
CONDUCTIVITY	uS/cm	2500	12	388	432.25	455	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	52	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FLUORIDE	mgF/l	1.5	8	0.08	0.105	0.12	0
FREE CHLORINE	mg/l as Cl2		52	0.38	0.60346	0.92	0
GLYPHOSATE	ug/l	0.1	8	<0.005	<0.005	<0.005	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
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
NITRITE	mgNO2/l	0.5	8	<0.003	<0.003	<0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	9	0	0.00133	0.006	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	<0.009	<0.009	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO4/l	250	8	28.6	30.2625	32.4	0
TOTAL CHLORINE	mg/l as Cl2		52	0.42	0.64923	0.88	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.86875	1.13	0
TRIFLURAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	52	<0.13	0.13519	0.19	0