

**S513 PERRY HILL WATER SUPPLY ZONE**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	4	<6.9	10.7	14.5	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	4	<0.008	0.0085	0.01	0
ANTIMONY	ugSb/l	5	4	0.03	0.0525	0.07	0
ARSENIC	ugAs/l	10	4	0.2	0.215	0.24	0
BENZO A PYRENE	ug/l	0.01	4	<0.00042	0.00046	0.00057	0
CADMIUM	ugCd/l	5	4	<0.01	0.02	0.03	0
CHROMIUM	ugCr/l	50	4	0.06	0.12	0.18	0
<b>COLIFORM BACTERIA</b>	<b>Number/100ml</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>8</b>	<b>96</b>	<b>1</b>
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	4	0	75	300	0
COLOUR	mg/l Pt/Co	20	4	<3	<3	<3	0
COPPER	mgCu/l	2	4	0.0111	0.038	0.0796	0
<b>E.COLI</b>	<b>Number/100ml</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>7.66667</b>	<b>92</b>	<b>1</b>
ENTEROCOCCI	Number/100ml	0	4	0	0	0	0
FREE CHLORINE	mg/l as Cl2		12	0.05	0.42833	0.61	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	4	7.14	7.1875	7.24	0
IRON	ugFe/l	200	4	<3.72	12.1425	35.9	0
LEAD	ugPb/l	10	4	0.1	0.1525	0.2	0
<b>MANGANESE</b>	<b>ugMn/l</b>	<b>50</b>	<b>4</b>	<b>&lt;0.3</b>	<b>21.3875</b>	<b>84.1</b>	<b>1</b>
NICKEL	ugNi/l	20	4	0.5	0.8325	1.11	0
NITRATE	mgNO3/l	50	4	34.4	39.025	41.8	0
NITRITE	mgNO2/l	0.5	4	<0.002	0.0025	0.003	0
NITRITE/NITRATE FORMULA	Number	1	4	0.69	0.7825	0.84	0
ODOUR	Diln. No.	No Abnormal Change	5	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	4	0	0.0005	0.002	0
SELENIUM	ugSe/l	10	4	0.31	0.3775	0.52	0
SODIUM	mgNa/l	200	4	12.7	13.125	13.6	0
TASTE	Diln. No.	No Abnormal Change	4	0	0	0	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	4	0	0	0	0
TETRACHLOROMETHANE	ug/l	3	4	<0.16	<0.16	<0.16	0
TOTAL CHLORINE	mg/l as Cl2		12	0.18	0.52833	0.96	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	4	0.22	8.1475	11.79	0
TURBIDITY	NTU	4	4	<0.13	0.275	0.71	0

**ANGMERING 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	0.00725	0.019	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0194	0.03034	0.0319	0
BROMATE	ugBr03/l	10	8	<0.1	0.11875	0.15	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	35.7	37.225	38.7	0
CHLORMEQUAT	ug/l	0.1	8	<0.003	0.00425	0.008	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	100	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	100	0	0.12	4	0
CONDUCTIVITY	uS/cm	2500	23	639	668.95652	699	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	100	0	0	0	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.07	0.0825	0.1	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		102	0.08	0.54	0.84	0
GROSS ALPHA	Bq/l	0.1	8	<0.024	0.03263	0.038	0
GROSS BETA	Bq/l	1	8	0.017	0.03325	0.084	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	0.05	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.006	0.00688	0.007	0
NITRITE	mgNO2/l	0.5	9	<0.003	<0.003	<0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0.0055	0.019	0
PROMETRYN	ug/l	0.1	8	<0.004	0.00425	0.005	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	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	15.1	18.625	21.9	0
TOTAL CHLORINE	mg/l as Cl2		102	0.14	0.57735	0.9	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.83625	1.15	0

**ANGMERING WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
TRIAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	102	<0.13	0.15216	0.47	0

**BURPHAM 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	10	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	10	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.00538	0.008	0
BENTAZONE	ug/l	0.1	10	<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	<0.0319	<0.0319	0
BROMATE	ugBr03/l	10	8	<0.07	0.10875	0.15	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	8	<0.009	0.012	0.013	0
CHLORIDE	mgCl/l	250	8	27.1	32.3875	40.4	0
CHLORPYRIPHOS	ug/l	0.1	10	<0.008	<0.008	<0.008	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	208	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	208	0	0.32212	9	0
CONDUCTIVITY	uS/cm	2500	36	508	561.36111	630	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
DIAZINON	ug/l	0.1	10	<0.007	<0.007	<0.007	0
DIELDRIN	ug/l	0.03	10	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	208	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FENPROPIMORPH	ug/l	0.1	10	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	8	0.06	0.07125	0.09	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		208	0.27	0.72495	1	0
GLYPHOSATE	ug/l	0.1	10	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.02763	0.035	0
GROSS BETA	Bq/l	1	8	0.032	0.04888	0.085	0
HEPTACHLOR	ug/l	0.03	10	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	10	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	8	<0.005	<0.005	<0.005	0
MECOPROP	ug/l	0.1	10	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	10	<0.004	0.0048	0.008	0
MERCURY	ugHg/l	1	8	<0.04	0.0475	0.06	0
METALDEHYDE	ug/l	0.1	10	<0.007	<0.007	<0.007	0

**BURPHAM WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
METAZACHLOR	ug/l	0.1	8	<0.005	0.00575	0.006	0
METHABENZTHIAZURON	ug/l	0.1	8	<0.005	0.00525	0.006	0
NITRITE	mgNO <sub>2</sub> /l	0.5	8	<0.002	0.00275	0.003	0
PENDIMETHALIN	ug/l	0.1	10	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	9	0	0.00533	0.02	0
PICLORAM	ug/l	0.1	10	<0.016	<0.016	<0.016	0
PROMETRYN	ug/l	0.1	8	<0.004	0.00425	0.005	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.0075	0.009	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SIMAZINE	ug/l	0.1	8	<0.005	0.0065	0.012	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO <sub>4</sub> /l	250	8	14.8	16.9	19.3	0
TERBUTRYN	ug/l	0.1	8	<0.004	0.00475	0.005	0
TOTAL CHLORINE	mg/l as Cl <sub>2</sub>		208	0.31	0.76971	1.09	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.785	0.89	0
TRIETAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	208	<0.13	0.14957	0.42	0

**MADEHURST 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	9	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.00463	0.006	0
BENAZOLIN	ug/l	0.1	9	<0.013	<0.013	<0.013	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0157	0.02988	0.0319	0
BROMATE	ugBr03/l	10	8	<0.1	0.1125	0.15	0
CHLORIDE	mgCl/l	250	8	22.4	23.9625	25.2	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	102	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	103	0	0.14563	2	0
CONDUCTIVITY	uS/cm	2500	24	442	495.79167	581	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	9	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	102	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00638	0.011	0
FLUORIDE	mgF/l	1.5	8	0.05	0.065	0.07	0
FLUOROXYPYR	ug/l	0.1	9	<0.008	0.00956	0.022	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	0.00713	0.013	0
FREE CHLORINE	mg/l as Cl2		103	0.36	0.53078	0.75	0
GROSS ALPHA	Bq/l	0.1	8	<0.018	0.02688	0.033	0
GROSS BETA	Bq/l	1	8	<0.018	0.03138	0.053	0
HEPTACHLOR	ug/l	0.03	9	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	9	<0.007	<0.007	<0.007	0
MERCURY	ugHg/l	1	8	<0.04	0.0475	0.06	0
METALDEHYDE	ug/l	0.1	9	<0.006	0.00689	0.007	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00238	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	9	0	0.01089	0.059	0
PIRIMICARB	ug/l	0.1	9	<0.016	<0.016	<0.016	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO4/l	250	8	6.78	12.025	17.6	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00563	0.008	0
TERBUTRYN	ug/l	0.1	8	<0.004	0.00475	0.005	0

**MADEHURST WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
TOTAL CHLORINE	mg/l as Cl <sub>2</sub>		103	0.38	0.57252	0.78	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.78625	1.09	0
TURBIDITY	NTU	1	102	<0.13	0.15686	0.35	0