

S509 ARUNDEL 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	<6.9	<6.9	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	4	<0.01	<0.01	<0.01	0
ANTIMONY	ugSb/l	5	4	<0.07	0.08	0.11	0
ARSENIC	ugAs/l	10	4	0.18	0.21	0.26	0
BENZO A PYRENE	ug/l	0.01	4	<0.00042	0.00046	0.00057	0
CADMIUM	ugCd/l	5	4	<0.03	<0.03	<0.03	0
CHROMIUM	ugCr/l	50	4	<0.18	<0.18	<0.18	0
COLIFORM BACTERIA	Number/100ml	0	12	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	4	0	0.25	1	0
COLOUR	mg/l Pt/Co	20	4	<3	<3	<3	0
COPPER	mgCu/l	2	4	0.0044	0.04928	0.0945	0
E.COLI	Number/100ml	0	12	0	0	0	0
ENTEROCOCCI	Number/100ml	0	4	0	0	0	0
FREE CHLORINE	mg/l as Cl2		12	0.25	0.42417	0.62	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	4	7.43	7.4825	7.56	0
IRON	ugFe/l	200	4	<3.72	4.0975	5.23	0
LEAD	ugPb/l	10	4	<0.04	0.2275	0.55	0
MANGANESE	ugMn/l	50	4	<0.3	0.4375	0.85	0
NICKEL	ugNi/l	20	4	0.7	1.09	2.11	0
NITRATE	mgNO3/l	50	4	22.6	32.175	42.3	0
NITRITE	mgNO2/l	0.5	4	<0.002	0.00275	0.003	0
NITRITE/NITRATE FORMULA	Number	1	4	0.45	0.645	0.85	0
ODOUR	Diln. No.	No Abnormal Change	4	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	4	0	0	0	0
SELENIUM	ugSe/l	10	4	<0.32	0.3325	0.37	0
SODIUM	mgNa/l	200	4	9.73	11.0075	11.9	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	0.28	0.47917	0.74	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	4	9.92	11.045	11.45	0
TURBIDITY	NTU	4	4	<0.13	0.1475	0.19	0

ARUNDEL 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	0.0045	0.006	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	<0.0319	<0.0319	0
BROMATE	ugBr03/l	10	8	<0.1	0.125	0.25	0
CHLORIDE	mgCl/l	250	8	23.5	25.725	26.9	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	0.13462	2	0
CONDUCTIVITY	uS/cm	2500	24	470	511	548	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DICAMBA	ug/l	0.1	8	<0.012	<0.012	<0.012	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	104	0	0	0	0
FLUORIDE	mgF/l	1.5	8	0.06	0.06875	0.08	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		104	0.33	0.65154	0.81	0
GROSS ALPHA	Bq/l	0.1	8	<0.019	0.02725	0.033	0
GROSS BETA	Bq/l	1	8	<0.017	0.02288	0.031	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
MCPA	ug/l	0.1	8	<0.006	<0.006	<0.006	0
MERCURY	ugHg/l	1	8	<0.04	0.05	0.06	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00338	0.01	0
PENDIMETHALIN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	9	0	0	0	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	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	10	13.3625	15.9	0
TOTAL CHLORINE	mg/l as Cl2		104	0.55	0.69596	0.99	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.77375	1.14	0
TRIEAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	104	<0.13	0.14375	0.39	0

