

Drinking Water Quality Annual Report Data 01/07/2023 to 30/06/2024

	Table 18		Aesthetic (non-health related) variables																	
South West Region	Alkalinity (as CaCO3)					Aluminium					Chloride					Hardness				
Locality	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met
		Min	Max	Mean			Min	Max	Mean			Min	Max	Mean			Min	Max	Mean	
Allanson	2	4	17	11	(1)	2	0.010	0.025	0.018	✓	2	60	90	75	✓	2	23	43	33	✓
Augusta	2	23	33	28	(1)	2	<0.008	<0.008	<0.008	✓	2	145	165	155	✓	2	62	64	63	✓
Australind	4	130	130	130	(1)	4	<0.008	<0.008	<0.008	✓	4	170	170	170	✓	4	77	84	80	✓
Balingup	2	110	120	115	(1)	2	<0.008	0.018	0.009	✓	2	105	105	105	✓	2	120	140	130	✓
Binningup	2	36	45	41	(1)	2	0.012	0.016	0.014	✓	2	36	65	51	✓	2	45	54	50	✓
Boyanup	4	110	120	115	(1)	4	<0.008	<0.008	<0.008	✓	4	100	100	100	✓	4	100	110	105	✓
Boyup Brook	3	110	120	117	(1)	3	<0.008	0.020	<0.008	✓	3	105	135	117	✓	3	130	140	137	✓
Bridgetown	4	100	120	113	(1)	4	<0.008	0.020	0.010	✓	4	100	110	104	✓	4	120	140	133	✓
Brunswick Junction	2	130	130	130	(1)	2	<0.008	<0.008	<0.008	✓	2	170	175	173	✓	2	83	89	86	✓
Capel	4	75	81	78	(1)	4	<0.008	<0.008	<0.008	✓	4	55	60	59	✓	4	44	48	47	✓
Collie	4	4	17	11	(1)	4	0.010	0.020	0.015	✓	4	65	85	74	✓	4	23	44	34	✓
Cowaramup	5	40	52	46	(1)	5	0.008	0.018	0.013	✓	5	80	100	92	✓	5	38	45	41	✓
Dalyellup	2	120	140	130	(1)	2	<0.008	<0.008	<0.008	✓	2	100	105	103	✓	2	75	76	76	✓
Dardanup	2	29	56	43	(1)	2	<0.008	<0.008	<0.008	✓	2	85	90	88	✓	2	25	27	26	✓
Darkan	2	9	17	13	(1)	2	0.012	0.014	0.013	✓	2	65	75	70	✓	2	31	40	36	✓
Donnybrook	2	87	110	99	(1)	2	0.130	0.190	0.160	✓	2	220	240	230	✓	2	89	100	95	✓
Dunsborough	4	150	170	158	(1)	4	<0.008	<0.008	<0.008	✓	4	100	170	146	✓	4	67	78	72	✓
Eaton	4	100	130	118	(1)	4	<0.008	<0.008	<0.008	✓	4	130	150	140	✓	4	110	120	118	✓
Greenbushes	2	110	120	115	(1)	2	<0.008	<0.008	<0.008	✓	2	105	110	108	✓	2	130	130	130	✓
Harvey	2	37	60	49	(1)	2	<0.008	0.020	0.010	✓	2	32	65	49	✓	2	52	56	54	✓
Hester	4	110	120	118	(1)	4	<0.008	0.020	<0.008	✓	4	100	120	108	✓	4	130	140	138	✓
Kirup	4	99	120	112	(1)	4	<0.008	0.035	0.017	✓	4	100	110	105	✓	4	110	140	130	✓
Logue Brook	2	48	71	60	(1)	2	0.012	0.014	0.013	✓	2	38	60	49	✓	2	48	69	59	✓
Manjimup	4	22	76	62	(1)	4	0.018	0.030	0.022	✓	4	85	105	94	✓	4	50	110	89	✓
Margaret River	4	39	51	44	(1)	4	0.008	0.016	0.013	✓	4	95	100	96	✓	4	37	45	41	✓
Mullalyup	4	110	120	118	(1)	4	<0.008	0.030	0.011	✓	4	100	110	106	✓	4	130	140	135	✓
Myalup	2	58	58	58	(1)	2	0.018	0.030	0.024	✓	2	31	35	33	✓	2	56	56	56	✓
Nannup	2	37	40	39	(1)	2	<0.008	0.020	0.010	✓	2	75	90	83	✓	2	94	100	97	✓
Northcliffe	4	26	51	45	(1)	4	0.020	0.030	0.025	✓	4	75	85	80	✓	4	50	82	68	✓
Pemberton	2	28	37	33	(1)	2	0.018	0.035	0.027	✓	2	75	80	78	✓	2	46	51	49	✓
Peppermint Grove	2	85	86	86	(1)	2	<0.008	<0.008	<0.008	✓	2	60	60	60	✓	2	54	55	55	✓
Preston Beach	4	260	300	278	(1)	4	<0.008	<0.008	<0.008	✓	4	160	180	170	✓	4	290	300	293	(2)
Quinninup	2	40	57	49	(1)	2	0.020	0.030	0.025	✓	2	85	95	90	✓	2	73	79	76	✓
Waroona	2	51	57	54	(1)	2	0.025	0.030	0.028	✓	2	36	36	36	✓	2	55	56	56	✓
Yarloop	2	44	50	47	(1)	2	0.020	0.025	0.023	✓	2	38	42	40	✓	2	44	54	49	✓

(1) No guideline value available as per ADWG 2011. (2) Elevated hardness is characteristic of the source supplying this locality.

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	Table 19		Aesthetic (non-health related) variables																	
South West Region	Iron					Manganese					pH					Silica				
Locality	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Value (pH units)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met
		Min	Max	Mean			Min	Max	Mean			Min	Max	Mean			Min	Max	Mean	
Allanson	2	0.040	0.045	0.043	✓	2	<0.002	0.025	0.013	✓	2	6.30	6.93	6.62	✓	2	1.2	5.7	3.5	✓
Augusta	2	0.070	0.090	0.080	✓	2	0.002	0.002	0.002	✓	2	6.79	7.10	6.95	✓	2	12.0	13.0	12.5	✓
Australind	4	0.015	0.030	0.021	✓	4	<0.002	0.003	<0.002	✓	4	7.07	7.51	7.31	✓	4	43.0	50.0	46.5	✓
Balingup	2	0.030	0.180	0.105	✓	2	<0.002	0.006	0.003	✓	2	8.17	8.42	8.30	✓	2	4.5	16.0	10.3	✓
Binningup	2	0.025	0.030	0.028	✓	2	0.005	0.010	0.008	✓	2	7.77	8.12	7.95	✓	2	2.3	5.5	3.9	✓
Boyanup	4	0.010	0.035	0.018	✓	4	<0.002	<0.002	<0.002	✓	4	7.43	8.03	7.72	✓	4	18.0	19.0	18.3	✓
Boyup Brook	3	0.015	0.120	0.078	✓	3	0.004	0.030	0.013	✓	3	7.76	8.37	8.02	✓	3	2.5	16.0	7.3	✓
Bridgetown	4	0.010	0.760	0.259	✓	4	0.002	0.045	0.014	✓	4	7.71	8.06	7.92	✓	4	0.9	19.0	10.2	✓
Brunswick Junction	2	0.020	0.035	0.028	✓	2	<0.002	0.003	<0.002	✓	2	7.69	7.94	7.82	✓	2	43.0	48.0	45.5	✓
Capel	4	0.060	0.070	0.063	✓	4	<0.002	<0.002	<0.002	✓	4	6.40	6.87	6.63	✓	4	13.0	14.0	13.5	✓
Collie	4	0.045	0.060	0.054	✓	4	0.002	0.016	0.009	✓	4	6.53	7.06	6.79	✓	4	1.3	5.5	3.0	✓
Cowaramup	5	0.080	0.160	0.116	✓	5	<0.002	0.009	0.006	✓	5	6.95	7.74	7.46	✓	5	6.1	13.0	8.0	✓
Dalyellup	2	0.035	0.060	0.048	✓	2	0.004	0.006	0.005	✓	2	7.85	8.05	7.95	✓	2	16.0	17.0	16.5	✓
Dardanup	2	0.004	0.008	0.006	✓	2	<0.002	<0.002	<0.002	✓	2	7.06	7.22	7.14	✓	2	19.0	19.0	19.0	✓
Darkan	2	0.040	0.045	0.043	✓	2	<0.002	0.008	0.004	✓	2	7.34	7.69	7.52	✓	2	3.2	5.0	4.1	✓
Donnybrook	2	0.006	0.160	0.083	✓	2	0.003	0.005	0.004	✓	2	7.44	7.63	7.54	✓	2	9.7	11.0	10.4	✓
Dunsborough	4	<0.003	0.015	0.008	✓	4	<0.002	<0.002	<0.002	✓	4	8.30	8.41	8.35	✓	4	16.0	16.0	16.0	✓
Eaton	4	0.045	0.060	0.056	✓	4	<0.002	<0.002	<0.002	✓	4	7.36	7.73	7.54	✓	4	25.0	31.0	28.0	✓
Greenbushes	2	0.015	0.040	0.028	✓	2	<0.002	0.002	<0.002	✓	2	7.94	8.08	8.01	✓	2	3.8	8.8	6.3	✓
Harvey	2	<0.003	0.025	0.013	✓	2	<0.002	0.008	0.004	✓	2	7.81	8.51	8.16	✓	2	1.0	5.5	3.3	✓
Hester	4	0.035	0.200	0.086	✓	4	0.004	0.014	0.010	✓	4	8.03	8.20	8.10	✓	4	1.3	16.0	6.5	✓
Kirup	4	0.015	0.460	0.129	✓	4	<0.002	0.030	0.008	✓	4	8.27	8.39	8.33	✓	4	3.4	18.0	8.4	✓
Logue Brook	2	0.010	0.040	0.025	✓	2	<0.002	<0.002	<0.002	✓	2	7.95	8.14	8.05	✓	2	1.4	8.9	5.2	✓
Manjimup	4	0.030	0.070	0.050	✓	4	0.004	0.020	0.010	✓	4	7.17	8.08	7.80	✓	4	3.9	8.4	6.5	✓
Margaret River	4	0.100	0.140	0.120	✓	4	0.005	0.009	0.006	✓	4	7.49	7.69	7.59	✓	4	6.1	9.3	7.1	✓
Mullalyup	4	0.010	0.320	0.104	✓	4	<0.002	0.010	0.004	✓	4	7.77	8.22	8.01	✓	4	3.5	18.0	8.4	✓
Myalup	2	0.004	0.004	0.004	✓	2	<0.002	<0.002	<0.002	✓	2	8.33	8.35	8.34	✓	2	1.5	1.8	1.7	✓
Nannup	2	0.015	0.020	0.018	✓	2	<0.002	<0.002	<0.002	✓	2	7.06	7.55	7.31	✓	2	2.6	7.0	4.8	✓
Northcliffe	4	0.015	0.025	0.023	✓	4	0.002	0.014	0.008	✓	4	7.82	8.07	7.96	✓	4	5.0	6.6	5.9	✓
Pemberton	2	0.010	0.015	0.013	✓	2	<0.002	0.008	0.004	✓	2	7.69	7.79	7.74	✓	2	3.8	5.4	4.6	✓
Peppermint Grove	2	0.035	0.035	0.035	✓	2	<0.002	<0.002	<0.002	✓	2	7.10	7.20	7.15	✓	2	14.0	15.0	14.5	✓
Preston Beach	4	0.004	0.015	0.009	✓	4	<0.002	<0.002	<0.002	✓	4	8.03	8.45	8.26	✓	4	15.0	17.0	16.0	✓
Quinninup	2	0.025	0.035	0.030	✓	2	0.004	0.014	0.009	✓	2	7.71	8.08	7.90	✓	2	6.0	6.7	6.4	✓
Waroona	2	<0.003	<0.003	<0.003	✓	2	<0.002	<0.002	<0.002	✓	2	7.54	7.57	7.56	✓	2	2.1	2.6	2.4	✓
Yarloop	2	0.006	0.008	0.007	✓	2	<0.002	<0.002	<0.002	✓	2	8.08	8.12	8.10	✓	2	0.9	1.9	1.4	✓

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Table 20		Aesthetic (non-health related) variables																							
South West Region	Sodium					Sulphate					Total Dissolved Solids					True Colour					Turbidity				
Locality	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Concentration (mg/L)			Guideline Met	Samples Taken	Value (TCU)			Guideline Met	Samples Taken	Value (NTU)			Guideline Met
		Min	Max	Mean			Min	Max	Mean			Min	Max	Mean			Min	Max	Mean			Min	Max	Mean	
Allanson	2	32	47	40	✓	2	8	13	11	✓	2	123	197	160	✓	2	<1	<1	<1	✓	2	0.2	0.3	0.3	✓
Augusta	2	71	79	75	✓	2	12	15	14	✓	2	312	326	319	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Australind	4	115	130	120	✓	4	10	14	12	✓	4	541	558	547	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Balingup	2	50	50	50	✓	2	11	16	14	✓	2	363	391	377	✓	2	<1	<1	<1	✓	2	0.3	1	0.7	✓
Binningup	2	20	32	26	✓	2	2	9	5	✓	2	132	177	155	✓	2	<1	<1	<1	✓	2	0.2	0.4	0.3	✓
Boyanup	4	58	61	60	✓	4	15	16	16	✓	4	381	398	387	✓	4	<1	<1	<1	✓	4	<0.1	<0.1	<0.1	✓
Boyup Brook	3	51	65	56	✓	3	11	16	13	✓	3	384	415	398	✓	3	<1	2	<1	✓	3	0.5	0.9	0.7	✓
Bridgetown	4	49	52	50	✓	4	11	16	14	✓	4	355	390	374	✓	4	<1	<1	<1	✓	4	0.3	2.4	1.3	✓
Brunswick Junction	2	115	120	118	✓	2	10	12	11	✓	2	541	551	546	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Capel	4	46	48	47	✓	4	16	18	18	✓	4	257	272	263	✓	4	<1	<1	<1	✓	4	<0.1	0.3	0.2	✓
Collie	4	32	47	39	✓	4	9	13	11	✓	4	126	193	159	✓	4	<1	<1	<1	✓	4	<0.1	0.4	0.3	✓
Cowaramup	5	46	54	51	✓	5	11	12	12	✓	5	236	270	253	✓	5	<1	3	2	✓	5	0.2	0.8	0.5	✓
Dalyellup	2	75	76	76	✓	2	14	15	15	✓	2	406	418	412	✓	2	<1	<1	<1	✓	2	0.2	0.3	0.3	✓
Dardanup	2	54	62	58	✓	2	8	8	8	✓	2	217	257	237	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Darkan	2	33	37	35	✓	2	9	11	10	✓	2	137	170	154	✓	2	<1	<1	<1	✓	2	0.2	0.3	0.3	✓
Donnybrook	2	145	150	148	✓	2	18	19	19	✓	2	566	569	568	✓	2	<1	<1	<1	✓	2	0.1	0.6	0.4	✓
Dunsborough	4	105	150	136	✓	4	18	35	30	✓	4	477	595	557	✓	4	<1	<1	<1	✓	4	<0.1	<0.1	<0.1	✓
Eaton	4	70	85	77	✓	4	14	17	16	✓	4	421	487	457	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Greenbushes	2	52	54	53	✓	2	16	16	16	✓	2	385	387	386	✓	2	<1	<1	<1	✓	2	0.2	0.2	0.2	✓
Harvey	2	19	34	27	✓	2	1	10	5	✓	2	148	181	165	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Hester	4	49	60	53	✓	4	11	17	14	✓	4	372	406	389	✓	4	<1	1	<1	✓	4	0.2	1.3	0.7	✓
Kirup	4	49	55	52	✓	4	11	17	15	✓	4	347	391	376	✓	4	<1	<1	<1	✓	4	0.1	2.3	0.7	✓
Logue Brook	2	22	36	29	✓	2	2	6	4	✓	2	142	231	187	✓	2	<1	<1	<1	✓	2	0.1	0.2	0.2	✓
Manjimup	4	41	50	46	✓	4	15	27	23	✓	4	220	336	287	✓	4	<1	1	<1	✓	4	0.2	0.5	0.4	✓
Margaret River	4	50	54	52	✓	4	11	12	12	✓	4	241	276	256	✓	4	2	3	2	✓	4	0.4	0.6	0.5	✓
Mullalyup	4	48	54	51	✓	4	11	17	15	✓	4	356	399	384	✓	4	<1	<1	<1	✓	4	<0.1	1.9	0.7	✓
Myalup	2	19	20	20	✓	2	1	1	1	✓	2	145	150	148	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Nannup	2	51	60	56	✓	2	72	89	81	✓	2	293	331	312	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Northcliffe	4	50	52	51	✓	4	36	41	38	✓	4	230	282	261	✓	4	<1	<1	<1	✓	4	<0.1	0.3	0.2	✓
Pemberton	2	56	56	56	✓	2	43	44	44	✓	2	237	250	244	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Peppermint Grove	2	45	47	46	✓	2	16	16	16	✓	2	277	279	278	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Preston Beach	4	86	100	94	✓	4	16	18	17	✓	4	738	796	757	(1)	4	<1	1	<1	✓	4	<0.1	0.2	<0.1	✓
Quinninup	2	50	58	54	✓	2	35	42	39	✓	2	280	282	281	✓	2	<1	<1	<1	✓	2	0.1	0.3	0.2	✓
Waroona	2	20	22	21	✓	2	1	1	1	✓	2	145	153	149	✓	2	<1	<1	<1	✓	2	<0.1	<0.1	<0.1	✓
Yarloop	2	21	24	23	✓	2	1	3	2	✓	2	132	154	143	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓

(1) Elevated TDS is characteristic of the source supplying this locality.