

Drinking Water Quality Annual Report Data 01/07/2024 to 30/06/2025

Table 3 Aesthetic (non-health related) variables															
Perth Region	Alkalinity (as CaCO ₃)					Aluminium					Chloride				
Locality	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	
Armadale/Kelmscott	2	55	60	58	(7)	2	0.010	0.010	0.010	✓	2	150	160	155	✓
Bold Park	2	42	45	44	(7)	2	0.012	0.012	0.012	✓	2	75	85	80	✓
Buckland Hill	4	37	84	64	(7)	4	<0.008	0.012	0.009	✓	4	80	185	149	✓
Dwellingup	2	9	13	11	(7)	2	<0.008	<0.008	<0.008	✓	2	65	75	70	✓
Foothills	2	62	64	63	(7)	2	0.016	0.016	0.016	✓	2	130	175	153	✓
Greenmount	5	95	120	105	(7)	5	<0.008	<0.008	<0.008	✓	5	150	195	172	✓
Greenmount/Darlington	2	66	77	72	(7)	2	0.008	0.012	0.010	✓	2	135	170	153	✓
Hamilton Hill	2	37	58	48	(7)	2	<0.008	0.010	<0.008	✓	2	55	170	113	✓
Hills Direct	4	32	52	39	(7)	4	<0.008	0.016	0.010	✓	4	55	95	70	✓
Lexia	2	58	72	65	(7)	2	0.010	0.080	0.045	✓	2	100	165	133	✓
Mandurah	4	39	62	49	(7)	4	0.016	0.018	0.017	✓	4	32	50	38	✓
Melville	5	39	80	59	(7)	5	0.010	0.016	0.012	✓	5	75	205	164	✓
Mirrabooka	5	38	98	58	(7)	5	<0.008	0.020	<0.008	✓	5	170	220	207	✓
Mt. Eliza	4	32	75	55	(7)	4	<0.008	0.014	0.009	✓	4	70	230	150	✓
Mt. Hawthorn	5	120	140	126	(7)	5	<0.008	<0.008	<0.008	✓	5	190	195	192	✓
Mt. Yokine	4	110	130	120	(7)	4	<0.008	<0.008	<0.008	✓	4	180	195	188	✓
Mundaring	2	65	69	67	(7)	2	0.008	0.030	0.019	✓	2	200	200	200	✓
Neerabup	4	150	160	155	(7)	4	<0.008	<0.008	<0.008	✓	4	160	180	171	✓
North Dandalup	2	29	41	35	(7)	2	0.014	0.030	0.022	✓	2	40	55	48	✓
Pinjarra	2	32	49	41	(7)	2	0.010	0.014	0.012	✓	2	30	41	36	✓
South Perth/Kewdale	4	90	130	107	(7)	4	<0.008	0.010	<0.008	✓	4	145	175	160	✓
Tamworth Hill	2	43	44	44	(7)	2	0.014	0.014	0.014	✓	2	32	36	34	✓
Thomsons Lake	4	64	83	77	(7)	4	<0.008	<0.008	<0.008	✓	4	175	230	206	✓
Two Rocks	4	190	200	195	(7)	4	<0.008	<0.008	<0.008	✓	4	110	110	110	✓
Wanneroo	4	91	150	108	(7)	4	<0.008	0.025	0.010	✓	4	145	170	160	✓
West Yokine	4	80	98	86	(7)	4	<0.008	<0.008	<0.008	✓	4	175	210	196	✓
Whitfords	3	60	96	80	(7)	3	<0.008	0.025	0.012	✓	3	165	170	168	✓
Yanchep	4	150	180	163	(7)	4	<0.008	<0.008	<0.008	✓	4	150	180	166	✓

(7) No guideline value available as per ADWG 2011.

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Table 4 Aesthetic (non-health related) variables															
Perth Region	Hardness					Iron					Manganese				
Locality	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	
Armadale/Kelmscott	2	73	77	75	✓	2	0.030	0.035	0.033	✓	2	<0.002	0.008	0.004	✓
Bold Park	2	45	53	49	✓	2	0.030	0.060	0.045	✓	2	0.003	0.006	0.005	✓
Buckland Hill	4	50	73	63	✓	4	0.030	0.060	0.046	✓	4	0.004	0.010	0.007	✓
Dwellingup	2	27	31	29	✓	2	0.040	0.060	0.050	✓	2	0.003	0.004	0.004	✓
Foothills	2	71	78	75	✓	2	0.020	0.025	0.023	✓	2	0.003	0.005	0.004	✓
Greenmount	5	86	100	95	✓	5	0.008	0.015	0.011	✓	5	<0.002	0.003	<0.002	✓
Greenmount/Darlington	2	69	85	77	✓	2	0.020	0.020	0.020	✓	2	0.003	0.003	0.003	✓
Hamilton Hill	2	43	69	56	✓	2	0.020	0.045	0.033	✓	2	0.004	0.005	0.005	✓
Hills Direct	4	44	53	48	✓	4	0.015	0.045	0.033	✓	4	<0.002	0.008	0.004	✓
Lexia	2	76	160	118	✓	2	0.010	0.140	0.075	✓	2	0.004	0.085	0.045	✓
Mandurah	4	46	52	50	✓	4	0.004	0.015	0.008	✓	4	<0.002	0.003	<0.002	✓
Melville	5	46	63	54	✓	5	0.020	0.045	0.032	✓	5	0.002	0.005	0.004	✓
Mirrabooka	5	120	130	124	✓	5	0.008	0.025	0.018	✓	5	<0.002	0.005	0.003	✓
Mt. Eliza	4	42	70	57	✓	4	0.030	0.070	0.046	✓	4	0.003	0.014	0.007	✓
Mt. Hawthorn	5	99	110	106	✓	5	0.025	0.045	0.037	✓	5	0.003	0.007	0.005	✓
Mt. Yokine	4	100	110	108	✓	4	0.010	0.040	0.023	✓	4	<0.002	0.008	0.003	✓
Mundaring	2	97	99	98	✓	2	0.006	0.006	0.006	✓	2	<0.002	<0.002	<0.002	✓
Neerabup	4	180	200	190	✓	4	0.010	0.025	0.016	✓	4	0.002	0.006	0.004	✓
North Dandalup	2	39	45	42	✓	2	0.015	0.060	0.038	✓	2	<0.002	0.003	<0.002	✓
Pinjarra	2	38	53	46	✓	2	0.010	0.025	0.018	✓	2	<0.002	0.007	0.004	✓
South Perth/Kewdale	4	80	110	94	✓	4	0.015	0.025	0.020	✓	4	<0.002	0.005	0.003	✓
Tamworth Hill	2	47	47	47	✓	2	0.004	0.010	0.007	✓	2	<0.002	<0.002	<0.002	✓
Thomsons Lake	4	71	96	89	✓	4	<0.003	0.004	<0.003	✓	4	<0.002	0.003	<0.002	✓
Two Rocks	4	220	240	228	(9)	4	<0.003	<0.003	<0.003	✓	4	<0.002	<0.002	<0.002	✓
Wanneroo	4	110	150	125	✓	4	0.010	0.020	0.016	✓	4	0.002	0.007	0.004	✓
West Yokine	4	120	130	123	✓	4	0.015	0.025	0.019	✓	4	<0.002	0.004	<0.002	✓
Whitfords	3	88	140	113	✓	3	0.015	0.020	0.018	✓	3	0.002	0.008	0.004	✓
Yanchep	4	190	210	198	✓	4	0.010	0.025	0.018	✓	4	0.003	0.009	0.005	✓

(9) Elevated hardness is characteristic of the source supplying this locality.

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Table 5 Aesthetic (non-health related) variables															
Perth Region	pH					Silica					Sodium				
Locality	Samples Taken	Value (pH units)			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	
Armadale/Kelmscott	2	7.71	7.72	7.72	✓	2	2.3	2.8	2.6	✓	2	89	95	92	✓
Bold Park	2	7.71	7.75	7.73	✓	2	2.1	3.5	2.8	✓	2	41	49	45	✓
Buckland Hill	4	7.69	7.92	7.82	✓	4	2.0	9.0	5.8	✓	4	44	115	86	✓
Dwellingup	2	6.91	6.94	6.93	✓	2	1.6	1.8	1.7	✓	2	33	38	36	✓
Foothills	2	7.95	8.00	7.98	✓	2	3.5	4.8	4.2	✓	2	74	105	90	✓
Greenmount	5	8.18	8.35	8.23	✓	5	9.3	17.0	13.5	✓	5	100	130	114	✓
Greenmount/Darlington	2	8.22	8.25	8.24	✓	2	5.6	6.1	5.9	✓	2	83	100	92	✓
Hamilton Hill	2	7.79	7.91	7.85	✓	2	1.9	4.2	3.1	✓	2	30	99	65	✓
Hills Direct	4	7.40	7.76	7.61	✓	4	1.0	2.9	1.8	✓	4	30	51	39	✓
Lexia	2	7.38	7.45	7.42	✓	2	15.0	16.0	15.5	✓	2	52	97	75	✓
Mandurah	4	8.17	8.50	8.39	✓	4	0.8	2.2	1.3	✓	4	20	26	22	✓
Melville	5	7.83	8.14	8.02	✓	5	1.8	6.2	4.7	✓	5	43	125	100	✓
Mirrabooka	5	6.88	7.58	7.13	✓	5	14.0	17.0	15.4	✓	5	95	120	112	✓
Mt. Eliza	4	7.72	8.09	7.95	✓	4	2.1	6.7	4.8	✓	4	37	140	89	✓
Mt. Hawthorn	5	7.92	8.02	7.97	✓	5	17.0	18.0	17.2	✓	5	125	130	127	✓
Mt. Yokine	4	7.78	7.92	7.86	✓	4	17.0	18.0	17.8	✓	4	115	130	123	✓
Mundaring	2	8.50	8.59	8.55	✓	2	5.4	5.7	5.6	✓	2	110	115	113	✓
Neerabup	4	7.57	7.65	7.61	✓	4	20.0	21.0	20.5	✓	4	85	96	92	✓
North Dandalup	2	7.72	7.89	7.81	✓	2	0.8	1.6	1.2	✓	2	21	30	26	✓
Pinjarra	2	7.77	8.37	8.07	✓	2	0.8	2.6	1.7	✓	2	18	25	22	✓
South Perth/Kewdale	4	7.82	7.92	7.85	✓	4	13.0	17.0	14.5	✓	4	95	120	108	✓
Tamworth Hill	2	8.05	8.17	8.11	✓	2	0.7	1.2	1.0	✓	2	20	21	21	✓
Thomsons Lake	4	7.96	8.04	8.01	✓	4	3.9	5.3	4.7	✓	4	110	135	124	✓
Two Rocks	4	7.54	7.63	7.57	✓	4	10.0	13.0	11.3	✓	4	55	59	57	✓
Wanneroo	4	7.39	7.80	7.54	✓	4	17.0	18.0	17.5	✓	4	83	105	93	✓
West Yokine	4	7.23	7.72	7.44	✓	4	15.0	17.0	16.0	✓	4	105	120	115	✓
Whitfords	3	7.44	7.64	7.55	✓	3	16.0	18.0	17.3	✓	3	94	99	96	✓
Yanchep	4	7.50	7.69	7.63	✓	4	18.0	21.0	19.5	✓	4	83	96	90	✓

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Table 6 Aesthetic (non-health related) variables																				
Perth Region	Sulfate					Total Dissolved Solids					True Colour					Turbidity				
Locality	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	
Armadale/Kelmscott	2	18	18	18	✓	2	363	382	373	✓	2	<1	<1	<1	✓	2	0.1	0.2	0.2	✓
Bold Park	2	6	7	6	✓	2	201	218	210	✓	2	<1	<1	<1	✓	2	0.3	0.4	0.4	✓
Buckland Hill	4	7	17	13	✓	4	200	458	359	✓	4	<1	<1	<1	✓	4	0.2	0.3	0.2	✓
Dwellingup	2	10	10	10	✓	2	136	161	149	✓	2	<1	<1	<1	✓	2	0.3	0.5	0.4	✓
Foothills	2	14	19	17	✓	2	325	416	371	✓	2	<1	<1	<1	✓	2	0.1	0.3	0.2	✓
Greenmount	5	20	26	23	✓	5	440	564	497	✓	5	<1	<1	<1	✓	5	<0.1	<0.1	<0.1	✓
Greenmount/Darlington	2	16	19	18	✓	2	349	426	388	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Hamilton Hill	2	5	17	11	✓	2	156	389	273	✓	2	<1	<1	<1	✓	2	0.2	0.2	0.2	✓
Hills Direct	4	4	10	7	✓	4	150	219	187	✓	4	<1	<1	<1	✓	4	0.1	0.4	0.2	✓
Lexia	2	30	69	50	✓	2	393	413	403	✓	2	<1	<1	<1	✓	2	<0.1	1.1	0.6	✓
Mandurah	4	1	4	2	✓	4	131	150	143	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Melville	5	5	14	11	✓	5	193	470	378	✓	5	<1	<1	<1	✓	5	0.1	0.2	0.1	✓
Mirrabooka	5	26	71	56	✓	5	483	539	517	✓	5	<1	<1	<1	✓	5	<0.1	0.2	<0.1	✓
Mt. Eliza	4	6	19	12	✓	4	172	521	349	✓	4	<1	<1	<1	✓	4	0.2	0.3	0.2	✓
Mt. Hawthorn	5	27	30	28	✓	5	553	607	572	✓	5	<1	<1	<1	✓	5	<0.1	0.2	<0.1	✓
Mt. Yokine	4	25	28	27	✓	4	524	572	554	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Mundaring	2	29	31	30	✓	2	469	470	470	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Neerabup	4	14	16	15	✓	4	555	587	572	✓	4	<1	<1	<1	✓	4	0.1	0.2	0.2	✓
North Dandalup	2	1	6	4	✓	2	130	149	140	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Pinjarra	2	1	5	3	✓	2	130	130	130	✓	2	<1	<1	<1	✓	2	<0.1	0.3	0.2	✓
South Perth/Kewdale	4	20	25	23	✓	4	416	548	477	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Tamworth Hill	2	1	2	2	✓	2	125	133	129	✓	2	<1	<1	<1	✓	2	<0.1	0.2	<0.1	✓
Thomsons Lake	4	21	24	23	✓	4	416	530	486	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Two Rocks	4	16	19	18	✓	4	518	530	525	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Wanneroo	4	15	26	23	✓	4	466	509	480	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
West Yokine	4	45	50	48	✓	4	495	557	535	✓	4	<1	<1	<1	✓	4	<0.1	0.2	<0.1	✓
Whitfords	3	27	32	29	✓	3	421	492	458	✓	3	<1	<1	<1	✓	3	<0.1	0.2	<0.1	✓
Yanchep	4	14	15	15	✓	4	542	596	576	✓	4	<1	<1	<1	✓	4	0.1	0.2	0.2	✓