OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Redelinghuys - Municipal office																	
		Date																
	Range	04 Jul 18	17 Jul 18	01 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	6.68	6.86	6.72	6.56	6.75	6.85	6.81	6.97	7.05	7.02	6.95	6.95	6.96	7	6.81	6.92	7.01
Conductivity	**≤170**	100	98.6	99	97.3	95.5	98.9	90.6	92.2	90.5	92.4	84.7	75.5	70.5	71.8	70	103	71.6
Turbidity	**≤5**	1.65	0.69	0.48	0.6	0.71	0.77	0.29	0.36	0.4	0.5	0.26	0.39	0.41	0.67	<0.32	<0.32	<0.32
Colour	**≤15**	18	<10	15	19	18	24	12	<10	11	<10	<10	<10	14	<10	<10	<10	<10
Calcium	**N/A**	16.8	20.6	18.1	18.8	18.9	19.5	17.3	14.7	17.8	16.2	14.5	13.2	12.3	13.1	13.2	16	15.2
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	703	690	693	681	669	692	634	645	634	647	593	529	494	503	490	724	501
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	19.8	23.4	22.3	22.1	23.4	23.8	20.3	17.9	21.5	21.8	18.1	17.8	17.9	16.6	17.8	22.6	20.8
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	<50	69.5	<50	<50	<50	<50	<50	<50	<50
E.coli	**≤1**	Not detected	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Redelinghuys - WTW Final																
		Date															
	Range	17 Jul 18	01 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	6.49	6.4	6.37	6.57	6.6	6.61	6.61	6.7	6.79	6.65	6.55	6.55	6.68	6.53	6.6	6.7
Conductivity	**≤170**	99.6	96.8	95.9	94.1	96.2	91.8	92	91.9	91.5	72.1	70.8	70.3	68.7	69.2	97.9	70.8
Turbidity	**≤5**	0.61	0.42	0.4	0.66	0.58	0.44	0.3	0.3	0.26	0.22	0.36	0.35	0.34	<0.32	0.37	<0.32
Colour	**≤15**	12	15	19	23	27	<10	<10	11	<10	<10	<10	14	<10	<10	<10	<10
Calcium	**N/A**	19.2	16.3	17.6	18.9	17.8	19.1	13	17.2	14.8	11.8	10.7	11.7	11.5	12.6	14	14.3
Chloride	**≤300**	228	219	220	232	202	103	213	208	222	171	165	170	166	165	229	173
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	697	678	671	659	673	643	644	643	641	505	496	492	481	484	686	496
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	23.1	21.8	22.3	23.7	23.3	21	17.1	21.3	21.8	15.7	17.2	18.4	16.6	17.7	24.1	20.8
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	70.1	<50	<50	<50	<50	<50	84.9	73.1
E.coli	**≤1**	Not Detected	Not Detected	2	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Eendekuil - Municipal Office																	
		Date																
	Range	05 Jul 18	18 Jul 18	02 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	09 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	9.32	9.21	8.81	8.68	9.43	9.44	9.41	8.07	9.52	8.98	8.65	9.37	9.31	9.43	9.93	9.28	9.43
Conductivity	**≤170**	9.05	8.46	7.21	8.28	8.43	8.93	8.05	8.55	8.74	8.38	8.92	10.2	10	13.4	16.2	9.53	8.62
Turbidity	**≤5**	0.43	0.52	0.53	0.4	0.45	0.45	1.03	0.57	0.52	0.76	0.66	0.65	0.71	0.78	0.91	0.88	0.91
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	4.42	8.61	4.07	3.8	4.94	7.23	5.39	13.8	5.77	5.21	6.87	6.4	6.31	6.17	7.16	6.32	10.8
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	63	69	50	58	58	63	56	60	61	59	62	71	70	93	113	67	60
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	<0.5	3.16	<0.5	<0.5	<0.5	1.77	0.51	13.6	0.63	<0.5	0.97	<0.5	1.1	<0.5	<0.5	<0.5	1.39
Aluminium	**≤300**	<50	<50	<50	56.2	<50	<50	<50	<50	<50	<50	<50	<50	153	84.4	82.9	61.1	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Eendekuil - WTW Final																
		Date															
	Range	18 Jul 18	02 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	09 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	9	8.26	8.05	9.6	9.41	9.4	8.66	9.67	9.09	9.42	9.17	9.42	9.58	9.74	9.52	9.36
Conductivity	**≤170**	8.08	7.36	8.2	9.15	9.15	7.65	8.48	8.78	10.2	16.9	9.52	10.2	14.3	15	10.6	8.58
Turbidity	**≤5**	0.7	562	0.62	0.57	0.58	1.65	0.54	0.84	0.52	0.88	1.13	1.15	2.34	1.39	2.87	2.2
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	8.41	4.11	3.54	5.62	6.67	5.42	14	6.53	4.62	5.56	6.05	5.81	5.89	7.61	7.34	10.6
Chloride	**≤300**	-	<2.5	14.1	14.6	12.2	12	8.79	13	18.2	38.1	18.4	19.7	28.5	28.3	18.1	12.6
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	67	52	57	64	64	54	59	61	71	118	67	71	100	105	74	60
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	2.98	<0.5	<0.5	<0.5	1.33	<0.5	13.1	<0.5	<0.5	0.65	<0.5	1	<0.50	3.53	<0.5	1.3
Aluminium	**≤300**	<50	<50	65.5	<50	<50	<50	<50	58.1	<50	<50	<50	149	91.8	71.8	82.5	<50
E.coli	**≤1**	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Piketberg - Community Centre																	
		Date																
	Range	05 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	11 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	6.47	7.06	6.83	7.09	6.79	7.05	7.41	7.35	7.58	7.5	7.39	7.33	7.15	6.66	6.76	6.66	6.72
Conductivity	**≤170**	52.9	84.1	98.3	97	75.1	70.1	81.6	68.7	60.6	63.4	50.3	48.1	41.5	34.4	32.1	31	31.9
Turbidity	**≤5**	1.84	1.11	0.56	0.58	1.16	2.38	1.64	0.29	0.71	1.4	1.2	0.4	0.48	0.4	<0.32	<0.32	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	14.5	23.1	26.5	25.4	16.6	18.9	18.1	2.38	17.3	20	15.2	15.9	12.7	11.7	11.6	10.6	13.3
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	370	589	688	679	526	491	571	481	424	444	352	337	291	241	225	217	223
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	9.07	16.7	20.9	19.7	15	13.1	17.8	<0.5	14.8	13.9	11.7	13.2	9.88	8.14	8.5	7.47	10
Aluminium	**≤300**	<50	<50	78.8	<50	<50	<50	<50	<50	<50	<50	<50	<50	50.5	<50	<50	<50	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	1	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Piketberg - WTW Final																	
		Date																
	Range	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	11 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	6.71	6.14	6.54	6.45	6.26	6.32	6.82	6.98	7.06	7.28	7.1	6.44	6.18	4.59	4.82	5.88	5.78
Conductivity	**≤170**	81.9	79.5	125	61.9	96.7	52.3	101	70.7	68.6	60.4	49.2	44.8	46.4	34.7	32.8	32.7	31.3
Turbidity	**≤5**	2.37	0.65	1.73	2.6	1.37	1.36	1.28	0.59	0.99	1.3	1.23	0.58	0.9	0.83	<0.32	<0.32	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	16.4	17.2	25.8	11.9	17.5	12.1	20.8	2.44	15.8	16.7	13.9	13	12.5	9.25	10.3	9.67	11.3
Chloride	**≤300**	185	180	312	143	233	111	244	38.9	157	140	39.8	100	107	71.9	67.4	72.3	71.6
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	673	557	878	433	677	370	704	495	480	423	344	314	325	243	230	229	219
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	19.6	16.6	26.2	12.9	19.1	10.9	22.8	<0.5	15.7	14.2	12	12.7	10.9	8.03	8.66	8.02	10.4
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	122	89.8	132	59.3
E.coli	**≤1**	Not Detected	Not Detected	1	Not Detected	1	Not Detected	NotDetected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Piketberg - Elektriesstoor																	
		Date																
	Range	05 Jul 18	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	19 Dec 18	11 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	7.19	7.27	7.13	7.15	7.18	7.02	7.15	7.71	7.62	7.8	7.74	7.44	7.43	7.11	7.32	7.33	7.33
Conductivity	**≤170**	47	60.4	80.1	101	73.9	69.4	63.6	72.4	58.7	46.5	47	44.2	46.7	34.1	32.3	31.1	32.4
Turbidity	**≤5**	1.1	1.74	0.35	0.49	0.64	1.15	1.13	1.47	0.24	0.26	0.26	0.26	0.83	0.34	<0.32	<0.32	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	25.9	22.7	24	28.5	23.1	19	18.2	23.5	2.38	26.5	20.3	19.5	17.9	17.2	16.8	16.3	18.3
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	329	423	561	704	517	486	445	507	411	326	329	309	327	239	226	218	227
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	7.24	13.2	16.4	21	15.9	13.6	11.8	14.8	<0.5	9.75	10.9	11.8	10.2	7.87	8.09	6.98	9.32
Aluminium	**≤300**	<50	<50	<50	53	<50	<50	<50	<50	<50	<50	<50	<50	<50	52.2	52.6	<50	<50
E.coli	**≤1**	Not Detected	Not Detected	1	Not Detected	1	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Piketberg - Municipal offices																		
		Date																	
	Range	05 Jul 18	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	20 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	11 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	6.92	6.97	7.24	7.38	7.28	7.22	7.28	7.61	6.91	7.6	7.61	7.62	7.37	7.4	6.91	7.13	7.31	7.26
Conductivity	**≤170**	49.9	67.6	67.6	68.4	65.9	58.9	53.7	76.3	60.2	67.3	55	45.8	43.8	45.5	33.6	32.4	31.2	32
Turbidity	**≤5**	1.94	1.21	0.88	0.66	0.82	1.35	1.55	2.65	0.56	0.5	0.7	0.49	0.42	1.19	0.98	3.86	0.96	0.66
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	20.4	20.6	25.7	32	28.7	24.4	22.4	22.3	18.6	20.6	21.5	19.5	20.1	19.7	15.8	16.5	17	19
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	349	473	473	479	461	412	376	534	421	471	385	321	307	319	236	227	218	224
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	8.28	16.3	12.9	13.6	12.3	10.7	9.43	15.9	11.2	11.9	11.9	10.6	11.4	10.1	7.6	8.13	6.9	9.29
Aluminium	**≤300**	<50	<50	<50	64.5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	63.8	56.5	63.3	<50
E.coli	**≤1**	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	1	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Aurora - Municipal office																	
		Date																
	Range	04 Jul 18	17 Jul 18	01 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	6.89	6.92	7.08	7.33	8.27	8.11	8.62	8.86	7.84	7.81	8.11	7.93	7.57	7.69	8.68	8.62	8.62
Conductivity	**≤170**	109	161	133	137	134	143	135	151	153	144	139	155	149	161	154	158	138
Turbidity	**≤5**	0.28	0.29	0.22	0.2	0.33	0.26	0.37	0.17	0.2	0.6	0.26	0.3	0.31	0.26	<0.32	<0.32	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10	<10	<10
Calcium	**N/A**	13.5	21.9	18.2	23.3	23.2	23	21.6	19.9	24.2	21.9	19.4	22	19.9	20.3	24.1	21.6	24.3
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	760	1129	929	958	939	1003	944	1060	1072	1006	974	1086	1046	1064	1076	1104	963
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	21.4	43.9	32	32.5	34.4	35.5	31.3	31.5	38.5	36.2	30.2	40.7	37.8	37.4	40.4	38.9	41.2
Aluminium	**≤300**	58.1	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	54.4	<50	<50
E.coli	**≤1**	Not detected	Not detected	Not Detected	Not Detected	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Aurora - WTW Final																
		Date															
	Range	17 Jul 18	01 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 18	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	6.18	6.58	6.23	6.52	6.47	6.74	6.43	6.58	6.62	6.59	6.45	6.62	6.59	6.41	6.52	6.62
Conductivity	**≤170**	164	102	133	112	145	132	148	151	133	142	155	149	150	154	161	126
Turbidity	**≤5**	0.28	3.62	0.2	0.29	0.24	0.57	0.2	0.52	0.53	0.4	0.32	1.46	0.26	0.63	0.41	0.47
Colour	**≤15**	<10	14.3	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	<10
Calcium	**N/A**	17.2	14.3	17.1	16.1	17.4	15.9	13.3	17.5	15.1	15.2	17	16.3	16.4	17.2	16.8	18.1
Chloride	**≤300**	-	-	-	338	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	1077	712	930	785	1017	925	1037	1054	932	994	1086	1044	1049	1075	1127	883
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	39.4	23	33	29	37.7	32.6	33.4	39.3	34.9	32.7	42	40.3	38.8	43.4	42.2	37.6
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	62.3	<50	<50	<50	<50	<50	99.9	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Velddrif - Civic centre																		
		Date																	
	Range	04 Jul 18	17 Jul 18	01 Aug 18	14 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	7.28	7.71	8.31	8.25	7.53	8.68	8.04	8.55	8.3	9.42	8.15	9.4	8.98	9.3	8.95	8.66	9.28	7.8
Conductivity	**≤170**	44.9	64.8	101	148	203	143	103	71.3	69.9	64	68.7	54.6	51.3	45.8	38.9	35.5	33.9	31
Turbidity	**≤5**	1.9	2.94	1.36	0.96	4.22	0.76	1.06	0.45	0.22	0.46	0.53	0.53	0.41	0.36	0.34	0.32	0.43	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	<10	<10	<10
Calcium	**N/A**	16.4	24.4	28.5	35.8	13	33.3	24.5	21.1	18.1	25.5	23.2	21.5	22	20	17.9	18.9	16.6	18.6
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	314	464	708	1039	1421	1003	721	499	489	448	481	382	359	321	272	249	237	217
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	6.69	11.8	20	29.9	6.5	34.3	24.1	15	13.2	15.3	15.1	10.8	11.9	10.6	7.96	8.32	6.48	8.48
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	70.5	<50	<50	<50	64.4	57.3	107	<50
E.coli	**≤1**	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	39	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Velddrif - Municipal Office																		
		Date																	
	Range	04 Jul 18	17 Jul 18	01 Aug 18	14 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	7.23	7.61	7.68	7.68	7.85	7.66	7.85	8.38	8.51	8.78	8.2	8.27	8.49	8.27	8.16	8.3	8.18	8.31
Conductivity	**≤170**	40.6	60.8	88.9	135	157	163	111	68.3	69.5	65.8	66.5	55.4	53.3	45.9	39.9	36.2	34.8	31.6
Turbidity	**≤5**	0.42	0.26	0.21	0.45	0.34	0.3	0.33	0.34	0.22	0.34	0.48	0.34	0.28	0.24	0.52	0.35	<0.32	<0.32
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10	<10	<10
Calcium	**N/A**	15.3	25	27.4	35.6	44.4	39	26.5	21.7	19.1	24.5	24.3	21.9	23.1	20.9	19.8	19.1	16.3	20
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	284	426	622	947	1101	1138	779	478	487	461	466	388	373	321	279	-	244	-
Iron	**N/A**	-	-	-	-	-	-	-	-	-	<50	-	-	-	-	-	<50	-	<50
Magnesium	**N/A**	5.87	10.5	16.7	26.8	40.3	37.4	25.1	14.2	12.6	14.3	14.5	10.9	12	10.2	7.9	8.67	6.5	8.26
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	84.2	77.9	80.3	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Velddrif - WTW Final/Reservoir																	
		Date																
	Range	17 Jul 18	01 Aug 18	14 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	05 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	7.5	7.41	7.73	7.34	7.65	7.52	8.24	8.29	8.51	7.99	8.02	8.07	7.87	7.86	7.63	7.92	7.83
Conductivity	**≤170**	68.7	121	165	243	125	94.8	66.2	67.7	64.5	63.4	53.5	48.5	42.7	36.2	35.2	34.8	30
Turbidity	**≤5**	0.63	0.19	0.27	0.49	0.44	1.03	1.36	0.26	0.58	8.5	0.39	0.47	0.41	0.69	0.43	0.43	1.06
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10	<10	<10
Calcium	**N/A**	23.6	31.3	38.6	50	29.5	23.1	19.8	18.2	24.6	22.3	21.3	19.6	19.2	17.4	18.1	16.9	18.4
Chloride	**≤300**	-	-	-	-	336	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	481	846	1153	1701	876	664	463	474	452	444	375	340	299	253	246	244	210
Iron	**N/A**	-	-	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Magnesium	**N/A**	13.2	24.2	33.3	53.3	29.3	20.8	14	12.8	14.4	14.1	10.3	10.9	9.07	7.31	8.55	6.69	8.04
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50	83.2	84	<50	<50	<50	80.9	151	93.8	<50
E.coli	**≤1**	1	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Porterville - Municipal office																		
		Date																	
	Range	05 Jul 18	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	19 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 19	09 Jan 19	23 Jan 19	07 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	6.79	8.16	7.29	8.28	8.06	7.3	7.18	9.67	9.37	9.04	8.96	9.08	9	9.34	9.24	9.52	9.16	9.71
Conductivity	**≤170**	7.69	7.69	7.77	8.19	7.37	6.43	9.09	10.3	9.26	9.96	8.71	8.7	8.56	9.39	9.34	9.5	8.81	10.4
Turbidity	**≤5**	5.04	0.54	0.51	0.52	0.44	1.26	0.37	0.54	0.5	0.53	0.54	0.44	0.34	0.39	0.32	<0.32	0.33	0.42
Colour	**≤15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	**N/A**	4.68	9.25	5.45	7.32	4.83	5.08	6.6	9.25	8.03	9.09	7.61	8.99	8.29	10.4	9.94	10.7	9.01	13.8
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	0.51	3.61	0.82	1.59	0.55	0.55	2	0.98	1.11	1.2	0.91	1.29	1.35	1.52	0.67	1.16	1.14	2
Aluminium	**≤300**	<50	<50	<50	71.1	80.7	<50	57.6	52.8	<50	<50	<50	56.4	<50	69.3	101	62.8	71.1	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Porterville - Library																		
		Date																	
	Range	05 Jul 18	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	19 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	09 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	6.96	7.46	7.44	8.62	7.85	6.99	7.2	9.85	9.04	9.36	8.52	9.56	9.41	9.58	9.24	9.44	9.32	9.81
Conductivity	**≤170**	8.02	7.84	8.07	8.7	7.52	6.88	7.97	11.1	8.68	10	8.59	10.2	9.33	10.5	9.58	9.54	9.28	11
Turbidity	**≤5**	0.96	0.46	0.39	0.51	0.47	0.56	0.43	0.57	0.53	0.53	0.49	0.47	0.41	0.41	0.43	<0.32	0.4	0.46
Colour	**≤15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	**N/A**	6.22	9.4	6.15	8.2	4.93	5.41	8.45	10.4	8.1	9.48	6.45	10.8	10.3	12.5	10.2	10.9	10.3	16.4
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	0.64	3.49	0.82	1.62	0.66	0.53	1.68	1.07	1.99	1.2	0.98	1.29	1.02	1.61	0.64	1.16	1.12	2
Aluminium	**≤300**	<50	<50	76.5	72.7	57	<50	<50	<50	<50	<50	<50	<50	<50	<50	78.8	62.3	67.9	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Porterville - WWTW Tap																		
		Date																	
	Range	05 Jul 18	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	19 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	09 Jan 19	23 Jan 19	06 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	7.04	8.62	7.94	8.7	8.18	7.16	7.26	9.74	9.11	9.38	8.66	9.81	9.39	9.78	9.31	9.68	9.53	9.94
Conductivity	**≤170**	8.03	7.86	7.95	8.49	7.3	6.94	8.17	10.7	8.75	9.78	8.21	11	9.18	11.2	9.27	10.1	9.62	11.3
Turbidity	**≤5**	0.81	0.44	0.4	0.62	0.46	0.51	0.38	0.43	0.43	0.45	0.43	0.44	0.34	0.35	0.37	0.32	0.34	0.37
Colour	**≤15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	**N/A**	5.28	9.4	5.94	7.95	5.2	5.53	8.84	9.75	7.47	9.11	6.91	12.2	10.1	13.1	9.87	12.1	10.9	16.2
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	<0.50	3.48	0.77	1.56	0.63	<0.50	1.57	0.97	1.12	1.04	0.79	1.23	0.93	1.5	0.59	1.06	1.03	1.89
Aluminium	**≤300**	60.2	68	<50	52.1	88.5	<50	51.7	<50	<50	<50	<50	<50	<50	112	79.5	76.9	70.8	<50
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

Area Tested	Porterville - WTW Final																	
		Date																
	Range	18 Jul 18	02 Aug 18	15 Aug 18	05 Sep 18	19 Sep 18	03 Oct 18	07 Nov 18	21 Nov 18	05 Dec 18	19 Dec 18	09 Jan 19	23 Jan 19	07 Feb 19	20 Feb 19	06 Mar 19	20 Mar 19	03 Apr 19
pH	**≤5 - ≤9.7**	7.33	8.36	6.97	6.73	7.08	6.83	9.57	10.7	9.73	7.16	10.4	8.97	10.3	9.35	9.4	8.48	9.5
Conductivity	**≤170**	7.44	8.27	7.66	6.75	6.11	7.3	10.2	19.3	10.9	7	16.2	8.49	13.7	9.33	9.26	8.16	9.57
Turbidity	**≤5**	0.68	0.46	0.67	0.72	1.18	0.52	1.13	0.7	1.01	0.49	2.9	0.66	0.9	0.66	0.84	1.21	0.72
Colour	**≤15**	<10	<10	<10	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	9.06	6.46	6.4	4.05	4.9	8.57	9.03	17	12.2	5.27	17.6	9.08	3.72	9.68	10.2	7.86	12.8
Chloride	**≤300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	62	58	54	47	43	51	71	135	76	49	113	59	96	65	65	67	67
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	3.64	0.88	1.73	0.73	<0.5	2.23	1.13	1.12	2.15	0.98	1.29	1.08	1.88	0.69	1.22	1.18	2.08
Aluminium	**≤300**	<50	64.4	86.2	76.8	<50	<50	50.9	<50	<50	<50	94.8	<50	77.8	98	64.4	114	50.7
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected

OUR WATER MEETS THE REQUIREMENTS OF SANS 421-2:2015

Area Tested	Dwarskersbos - Reservoir																
		Date															
	Range	17 Jul 18	01 Aug 18	04 Sep 18	18 Sep 18	02 Oct 18	06 Nov 18	20 Nov 18	04 Dec 18	18 Dec 18	08 Jan 19	22 Jan 19	05 Feb 19	19 Feb 19	06 Mar 19	19 Mar 19	02 Apr 19
pH	**≤5 - ≤9.7**	8.01	7.77	7.72	7.86	7.94	8.61	8.52	8.72	8.15	8.17	8.6	8.33	8.15	8.3	8.43	8.21
Conductivity	**≤170**	54.7	84.7	184	171	113	68.2	68.6	66.2	64.9	55.2	52.1	45.2	39.5	36.3	34	31.2
Turbidity	**≤5**	0.33	0.52	0.2	0.54	0.18	0.4	0.2	0.35	0.65	0.22	0.24	0.23	0.44	<0.32	0.43	<0.32
Colour	**≤15**	<10	11	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Calcium	**N/A**	27.8	26.3	44.1	39.7	26.8	21.6	18.5	24.3	24.1	24.6	23.2	21.4	20.4	18.9	16.2	19.6
Chloride	**≤300**	-	-	-	464	-	-	-	-	-	-	-	-	-	-	-	-
Flouride	**≤1.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved solids	**≤1200**	383	593	1287	1196	793	477	480	463	454	386	365	316	277	254	238	218
Iron	**N/A**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	**N/A**	17.1	15.7	40.3	39.2	24.6	15.1	14.2	15.2	14.1	11.9	11.3	9.53	7.95	7.25	7.16	8.26
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	53.1	52.5	<50	<50	<50	83.5	92.1	<50	<50
E.coli	**≤1**	1	Not Detected	Not Deteted	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected