OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Redelinghuys - Municipal office																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	≤5 - ≤9.7	6.84	6.9	6.84	7.01	6.7	6.79	6.71	6.81												
Conductivity	≤170	97.3	96.3	97.8	93.6	92.4	92.2	78.6	88.7												
Turbidity	≤5	0.35	0.59	0.36	<0.32	<0.32	<0.32	<0.32	<0.32												
Colour	≤15	<10	11	<10	15	11	15	<10	<10												
Calcium	N/A	16.5	17.1	17.6	17.5	15.2	15.7	15.2	18.1												
Chloride	≤300	-	-	-	-	-	-	-	-												
Flouride	≤1.5	-	-	-	-	-	-	-	-												
Dissolved solids	≤1200	681	674	686	655	647	645	550	621												
Iron	N/A	-	-	-	-	-	-	-	-												
Magnesium	N/A	14.2	20.5	21.8	22	21.5	20.9	18.1	21.5												
Aluminium	≤300	<50	<50	<50	<50	<50	<50	<50	<50												
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Redelinghuys - WTW Final																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	≤5 - ≤9.7	6.47	6.71	6.68	6.68	7.11	6.54	6.6	6.71												
Conductivity	≤170	99.5	94.6	96.6	92.1	107	90.8	77.9	94.8												
Turbidity	≤5	<0.32	0.32	<0.32	<0.32	<0.32	0.36	<0.32	<0.32												
Colour	≤15	23	17	12	18	<10	21	<10	<10												
Calcium	N/A	16.3	15.2	16.1	16.5	13.9	14.6	14.4	17.1												
Chloride	≤300	223	214	211	212	242	202	187	215												
Flouride	≤1.5	-	-	-	-	-	-	-	-												
Dissolved solids	≤1200	697	662	669	645	747	636	545	664												
Iron	N/A	-	-	-	-	-	-	-	-												
Magnesium	N/A	14	20.8	21.6	22.2	21.1	20.8	18	21.2												
Aluminium	≤300	<50	<50	<50	<50	<50	<50	<50	<50												
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Eendekuil - Municipal Office																			
		Date																		
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19											
pH	≤5 - ≤9.7	9.57	9.44	9.27	9.89	8.64	9.12	8.73	9.02											
Conductivity	≤170	11.3	7.14	9.09	8.55	5.86	8.22	7.07	9.29											
Turbidity	≤5	0.5	0.74	0.66	0.54	1.6	0.64	0.55	0.46											
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10											
Calcium	N/A	5.96	6.07	4.47	6.5	4.83	5.53	7.28	5.28											
Chloride	≤300	-	-	-	-	-	-	-	-											
Flouride	≤1.5	-	-	-	-	-	-	-	-											
Dissolved solids	≤1200	79	50	64	60	41	58	49	65											
Iron	N/A	-	-	-	-	-	-	-	-											
Magnesium	N/A	<0.50	<0.5	<0.5	0.57	<0.5	<0.5	0.8	<0.5											
Aluminium	≤300	103	<50	<50	<50	175	<50	<50	74.3											
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected											

Area Tested	Eendekuil - WTW Final																			
		Date																		
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19											
pH	≤5 - ≤9.7	9.58	9.57	9.2	9.87	9.19	8.74	8.91	8.99											
Conductivity	≤170	10.7	7.44	9.43	7.82	21.3	7.29	7.22	7.96											
Turbidity	≤5	0.69	0.43	0.89	1.25	2.13	1.14	1.41	1.41											
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10											
Calcium	N/A	5.76	6.87	4.37	6.39	4.58	4.89	7.73	5.39											
Chloride	≤300	18.3	11	16.8	10.4	51.8	11.9	11	12.9											
Flouride	≤1.5	-	-	-	-	-	-	-	-											
Dissolved solids	≤1200	75	52	66	55	149	51	51	56											
Iron	N/A	-	-	-	-	-	-	-	-											
Magnesium	N/A	<0.5	<0.5	<0.5	0.61	<50	<0.50	0.76	<0.5											
Aluminium	≤300	85.7	95.7	63.7	<50	161	<50	<50	79.7											
E.coli	≤1	Not Detected	Not Detected	Not Detected	7	Not Detected	Not Detected	Not Detected	Not Detected											

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Piketberg - Community Centre																				
		Date																			
	Range	03 Jul 19	17 Jul 19	15 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19												
pH	≤5 - ≤9.7	7.05	7.04	5.89	6.46	6.51	6.87	6.84	6.99												
Conductivity	≤170	34.8	31.2	35	38.5	43.9	51.6	56	60												
Turbidity	≤5	1.66	28.2	3.03	2.29	0.34	0.42	0.32	0.33												
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	N/A	12.4	12.6	12.8	13.8	13.8	16.1	21.6	17.4												
Chloride	≤300	-	-	-	-	-	-	-	-												
Flouride	≤1.5	-	-	-	-	-	-	-	-												
Dissolved solids	≤1200	244	218	245	270	307	361	392	420												
Iron	N/A	-	-	-	-	-	-	-	-												
Magnesium	N/A	6.52	5.37	6.6	7.79	9	11.1	13.7	13												
Aluminium	≤300	<50	57.1	<50	<50	78.3	<50	<50	70.5												
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Piketberg - WTW Final																				
		Date																			
	Range	03 Jul 19	17 Jul 19	15 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19												
pH	≤5 - ≤9.7	5.42	6.17	4.72	4.59	5.86	6.62	6.31	6.33												
Conductivity	≤170	27.8	27.4	32.6	37.3	58.5	52.4	60.7	60.7												
Turbidity	≤1	18.6	2.27	3.99	8.09	1.46	1.18	0.4	1.24												
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	N/A	6.04	7.47	7.27	9.01	13.4	14.8	19.4	16.1												
Chloride	≤300	55.3	56.1	70.3	75.6	134	121	140	135												
Flouride	≤1.5	-	-	-	-	-	-	-	-												
Dissolved solids	≤1200	195	192	228	261	410	367	425	425												
Iron	N/A	-	-	-	-	-	-	-	-												
Magnesium	N/A	5.67	5.07	6.08	7.13	12.6	11.5	15.7	13.4												
Aluminium	≤300	136	55.5	1047	<50	150	<50	<50	67.5												
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Piketberg - Elektriesstoor																				
		Date																			
	Range	03 Jul 19	17 Jul 19	15 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19												
pH	≤5 - ≤9.7	7.18	7.2	6.26	6.87	7.14	7.26	7.21	7.26												
Conductivity	≤170	32.1	30.9	34.1	35.5	45.8	47.8	50.2	54.8												
Turbidity	≤5	0.46	1.38	3.6	1.54	<0.32	0.62	<0.32	<0.32												
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	N/A	15.8	13.2	13.7	19.9	20.1	21.2	24.7	24												
Chloride	≤300	-	-	-	-	-	-	-	-												
Flouride	≤1.5	-	-	-	-	-	-	-	-												
Dissolved solids	≤1200	225	216	23.9	249	321	335	351	384												
Iron	N/A	-	-	-	-	-	-	-	-												
Magnesium	N/A	5.87	5.37	6.22	6.53	8.99	9.31	10.7	11.2												
Aluminium	≤300	51.3	62.9	<50	<50	193	<50	<50	50.5												
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Piketberg - Municipal offices																					
		Date																				
	Range	03 Jul 19	17 Jul 19	15 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19													
pH	≤5 - ≤9.7	7.14	7.41	6.84	6.83	6.97	7.04	7.04	7.18													
Conductivity	≤170	31.9	31.2	33.8	35.5	46.4	49.2	53.7	57.4													
Turbidity	≤5	1.5	1.59	4.55	3.41	0.95	0.9	0.71	0.42													
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10													
Calcium	N/A	16.4	19.1	18.4	19.1	18.8	18.1	21.8	20.5													
Chloride	≤300	-	-	-	-	-	-	-	-													
Flouride	≤1.5	-	-	-	-	-	-	-	-													
Dissolved solids	≤1200	223	218	237	249	325	344	376	402													
Iron	N/A	-	-	-	-	-	-	-	-													
Magnesium	N/A	5.84	5.18	5.71	6.82	9.42	10.1	12.2	12													
Aluminium	≤300	<50	77.4	<50	<50	109	<50	<50	72.5													
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected													

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Aurora - Municipal office																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	**≤5 - ≤9.7**	7.68	8.5	7.05	7.31	7.09	7.4	7.36	7.57												
Conductivity	**≤170**	159	153	140	149	143	135	141	145												
Turbidity	**≤5**	<0.32	0.34	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32												
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	**N/A**	21.6	22.6	21.7	24	21.1	18.1	21.4	24.4												
Chloride	**≤300**	-	-	-	-	-	-	-	-												
Flouride	**≤1.5**	-	-	-	-	-	-	-	-												
Dissolved solids	**≤1200**	1111	1072	979	1044	999	946	984	1013												
Iron	**N/A**	-	-	-	-	-	-	-	-												
Magnesium	**N/A**	20.4	34.3	32.4	36.9	35.9	30.7	32.9	36.1												
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50												
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Aurora - WTW Final																			
		Date																		
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19											
pH	**≤5 - ≤9.7**	6.33	6.39	6.41	6.6	6.37	6.21	6.3	6.46											
Conductivity	**≤170**	154	149	133	137	130	141	142	144											
Turbidity	**≤5**	<0.32	<0.32	0.33	0.51	0.36	0.72	<0.32	0.49											
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10											
Calcium	**N/A**	17.8	16	19.2	20.5	15.7	13	16	18											
Chloride	**≤300**	-	-	-	-	-	-	-	-											
Flouride	**≤1.5**	-	-	-	-	-	-	-	-											
Dissolved solids	**≤1200**	1075	1041	932	958	911	986	995	1005											
Iron	**N/A**	-	-	-	-	-	-	-	-											
Magnesium	**N/A**	21.3	34.4	30.4	33.6	31.9	33.5	35.1	36.5											
Aluminium	**≤300**	<50	<50	<50	<50	<50	<50	<50	<50											
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected											

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Velddrif - Civic centre																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	**≤5 - ≤9.7**	8.95	9.18	8.37	7.68	7.7	8.28	7.81	9.41												
Conductivity	**≤170**	33.7	34.3	35.2	42	43.2	56	52.2	51.7												
Turbidity	**≤5**	0.52	0.33	0.79	<0.32	<0.32	0.35	<0.32	0.32												
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	**N/A**	15.7	14	14.9	14.9	15.8	19.2	18.1	18.9												
Chloride	**≤300**	-	-	-	-	-	-	-	-												
Flouride	**≤1.5**	-	-	-	-	-	-	-	-												
Dissolved solids	**≤1200**	236	240	246	294	302	392	368	362												
Iron	**N/A**	-	-	-	-	-	-	-	-												
Magnesium	**N/A**	5.8	6.01	5.9	8.12	8.28	11	10.6	10.3												
Aluminium	**≤300**	74.7	59	<50	<50	<50	<50	<50	<50												
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Velddrif - Municipal Office																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	**≤5 - ≤9.7**	8.42	8.64	8.32	7.96	7.5	7.76	7.53	7.88												
Conductivity	**≤170**	34.2	34.5	35.2	41.3	42.9	55.8	53.2	54.6												
Turbidity	**≤5**	<0.32	0.36	0.34	0.32	<0.32	<0.32	0.44	<0.32												
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	**N/A**	16.4	14.4	15.4	15.5	14.7	15.9	19	21.8												
Chloride	**≤300**	-	-	-	-	-	-	-	-												
Flouride	**≤1.5**	-	-	-	-	-	-	-	-												
Dissolved solids	**≤1200**	239	242	246	289	300	391	372	382												
Iron	**N/A**	-	-	-	-	-	-	-	-												
Magnesium	**N/A**	3.81	5.87	5.74	7.77	7.94	10.7	10.5	11.2												
Aluminium	**≤300**	93.5	80.6	<50	<50	59.9	<50	<50	<50												
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

Area Tested	Velddrif - WTW Final/Reservoir																				
		Date																			
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19												
pH	**≤5 - ≤9.7**	8.32	8.38	7.65	7.62	7.43	7.45	7.53	7.51												
Conductivity	**≤170**	35.2	34.6	36.3	41.1	46.3	54.2	53.7	52.6												
Turbidity	**≤5**	0.87	<0.32	0.57	1.22	<0.32	0.65	0.42	0.33												
Colour	**≤15**	<10	<10	<10	<10	<10	<10	<10	<10												
Calcium	**N/A**	15.4	12.8	13.8	14	14.7	15.3	18.8	19.9												
Chloride	**≤300**	-	-	-	-	-	-	-	-												
Flouride	**≤1.5**	-	-	-	-	-	-	-	-												
Dissolved solids	**≤1200**	246	242	254	288	324	379	376	368												
Iron	**N/A**	<50	<50	<50	<50	<50	<50	<50	<50												
Magnesium	**N/A**	3.95	5.86	6.04	7.9	8.58	10.6	11.2	11.3												
Aluminium	**≤300**	69.4	71.5	<50	<50	55.1	<50	<50	<50												
E.coli	**≤1**	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected												

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Porterville - Municipal office																					
		Date																				
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19													
pH	≤5 - ≤9.7	9.22	9.2	8.5	6.81	8.21	7.68	8.33	7.79													
Conductivity	≤170	9.55	8.73	7.75	6.67	7.93	7.94	7.84	7.61													
Turbidity	≤5	0.39	0.53	0.45	0.44	0.37	0.58	0.47	0.46													
Colour	≤15	-	-	-	-	-	-	-	-													
Calcium	N/A	8.3	8.4	6.08	8.53	6.98	7.33	9.22	6.68													
Chloride	≤300	-	-	-	-	-	-	-	-													
Flouride	≤1.5	-	-	-	-	-	-	-	-													
Dissolved solids	≤1200	-	-	-	-	-	-	-	-													
Iron	N/A	-	-	-	-	-	-	-	-													
Magnesium	N/A	0.91	0.95	0.96	1.32	1.04	1.04	1.4	1.03													
Aluminium	≤300	108	96.9	55.7	<50	<50	<50	<50	106													
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected													

Area Tested	Porterville - Library																					
		Date																				
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19													
pH	≤5 - ≤9.7	9.89	9.1	7.88	7.22	8.86	7.75	8.73	7.52													
Conductivity	≤170	11.6	8.91	7.93	7.27	8.54	7.7	8.19	7.74													
Turbidity	≤5	0.56	70.2	0.46	0.48	0.44	0.64	0.44	0.45													
Colour	≤15	-	-	-	-	-	-	-	-													
Calcium	N/A	11.4	8.74	6.19	5.66	8.04	7.39	9.57	6.84													
Chloride	≤300	-	-	-	-	-	-	-	-													
Flouride	≤1.5	-	-	-	-	-	-	-	-													
Dissolved solids	≤1200	-	-	-	-	-	-	-	-													
Iron	N/A	-	-	-	-	-	-	-	-													
Magnesium	N/A	0.97	0.94	0.97	1.3	1.03	1.12	1.42	1.03													
Aluminium	≤300	<50	85.3	51.9	<50	<50	<50	<50	<50													
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected													

Area Tested	Porterville - WWTW Tap																					
		Date																				
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19													
pH	≤5 - ≤9.7	9.81	9.33	7.16	7.35	8.59	7.15	8.61	8.34													
Conductivity	≤170	11.5	9.31	7.63	7.27	8.55	7.48	8.02	7.95													
Turbidity	≤5	0.55	0.54	0.41	0.36	0.4	0.44	0.39	0.39													
Colour	≤15	-	-	-	-	-	-	-	-													
Calcium	N/A	11.5	9.35	5.6	6.1	8.11	6.52	9.55	7.38													
Chloride	≤300	-	-	-	-	-	-	-	-													
Flouride	≤1.5	-	-	-	-	-	-	-	-													
Dissolved solids	≤1200	-	-	-	-	-	-	-	-													
Iron	N/A	-	-	-	-	-	-	-	-													
Magnesium	N/A	0.96	0.91	0.89	1.24	0.98	0.97	1.26	0.89													
Aluminium	≤300	97.4	101	<50	<50	<50	<50	<50	93.8													
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected													

Area Tested	Porterville - WTW Final																					
		Date																				
	Range	03 Jul 19	17 Jul 19	14 Aug 19	28 Aug 19	11 Sep 19	26 Sep 19	09 Oct 19	24 Oct 19													
pH	≤5 - ≤9.7	9.4	8.69	9.24	6.65	7.17	7.23	7.48	6.89													
Conductivity	≤170	9.54	8.38	8.7	6.33	7.34	7.76	7.45	6.92													
Turbidity	≤5	1.08	0.44	0.65	0.52	0.72	1.05	0.69	0.56													
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10													
Calcium	N/A	8.14	7.64	7.48	4.35	5.9	6.96	8.64	5.33													
Chloride	≤300	-	-	-	-	-	-	-	-													
Flouride	≤1.5	-	-	-	-	-	-	-	-													
Dissolved solids	≤1200	67	59	61	44	51	54	52	48													
Iron	N/A	-	-	-	-	-	-	-	-													
Magnesium	N/A	1.09	1	0.99	1.25	1.07	1.07	1.48	1.04													
Aluminium	≤300	124	85.5	53.2	<50	<50	<50	<50	64													
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected													

OUR WATER MEETS THE REQUIREMENTS OF SANS 241-2:2015

Area Tested	Dwarskersbos - Reservoir																			
		Date																		
	Range	02 Jul 19	16 Jul 19	13 Aug 19	27 Aug 19	10 Sep 19	25 Sep 19	08 Oct 19	23 Oct 19											
pH	≤5 - ≤9.7	8.5	8.84	8.05	8.06	7.65	7.97	7.98	7.87											
Conductivity	≤170	34.3	34.1	35.1	41	43.4	55.7	52.6	54.5											
Turbidity	≤5	0.54	<0.32	0.58	<0.32	<0.32	<0.32	0.34	7.87											
Colour	≤15	<10	<10	<10	<10	<10	<10	<10	<10											
Calcium	N/A	16.6	14.6	14.9	15.2	14.8	19.5	19.9	21.5											
Chloride	≤300	-	-	-	-	-	-	-	-											
Flouride	≤1.5	-	-	-	-	-	-	-	-											
Dissolved solids	≤1200	240	239	246	287	304	390	368	382											
Iron	N/A	-	-	-	-	-	-	-	-											
Magnesium	N/A	5.93	5.77	5.85	7.51	7.92	10.9	10.6	11.3											
Aluminium	≤300	92.8	80.5	<50	<50	<50	<50	<50	<50											
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected											