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																
pH	≤5 - ≤9.7	6.84	6.9	6.84	7.01																
Conductivity	≤170	97.3	96.3	97.8	93.6																
Turbidity	≤5	0.35	0.59	0.36	<0.32																
Colour	≤15	<10	11	<10	15																
Calcium	N/A	16.5	17.1	17.6	17.5																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	681	674	686	655																
Iron	N/A	-	-	-	-																
Magnesium	N/A	14.2	20.5	21.8	22																
Aluminium	≤300	<50	<50	<50	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	6.47	6.71	6.68	6.68																
Conductivity	≤170	99.5	94.6	96.6	92.1																
Turbidity	≤5	<0.32	0.32	<0.32	<0.32																
Colour	≤15	23	17	12	18																
Calcium	N/A	16.3	15.2	16.1	16.5																
Chloride	≤300	223	214	211	212																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	697	662	669	645																
Iron	N/A	-	-	-	-																
Magnesium	N/A	14	20.8	21.6	22.2																
Aluminium	≤300	<50	<50	<50	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.57	9.44	9.27	9.89																
Conductivity	≤170	11.3	7.14	9.09	8.55																
Turbidity	≤5	0.5	0.74	0.66	0.54																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	5.96	6.07	4.47	6.5																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	79	50	64	60																
Iron	N/A	-	-	-	-																
Magnesium	N/A	<0.50	<0.5	<0.5	0.57																
Aluminium	≤300	103	<50	<50	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.58	9.57	9.2	9.87																
Conductivity	≤170	10.7	7.44	9.43	7.82																
Turbidity	≤5	0.69	0.43	0.89	1.25																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	5.76	6.87	4.37	6.39																
Chloride	≤300	18.3	11	16.8	10.4																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	75	52	66	55																
Iron	N/A	-	-	-	-																
Magnesium	N/A	<0.5	<0.5	<0.5	0.61																
Aluminium	≤300	85.7	95.7	63.7	<50																
E.coli	≤1	Not Detected	Not Detected	Not Detected	7																

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																
pH	≤5 - ≤9.7	7.05	7.04	5.89	6.46																
Conductivity	≤170	34.8	31.2	35	38.5																
Turbidity	≤5	1.66	28.2	3.03	2.29																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	12.4	12.6	12.8	13.8																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	244	218	245	270																
Iron	N/A	-	-	-	-																
Magnesium	N/A	6.52	5.37	6.6	7.79																
Aluminium	≤300	<50	57.1	<50	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	5.42	6.17	4.72	4.59																
Conductivity	≤170	27.8	27.4	32.6	37.3																
Turbidity	≤5	18.6	2.27	3.99	8.09																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	6.04	7.47	7.27	9.01																
Chloride	≤300	55.3	56.1	70.3	75.6																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	195	192	228	261																
Iron	N/A	-	-	-	-																
Magnesium	N/A	5.67	5.07	6.08	7.13																
Aluminium	≤300	136	55.5	1047	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	7.18	7.2	6.26	6.87																
Conductivity	≤170	32.1	30.9	34.1	35.5																
Turbidity	≤5	0.46	1.38	3.6	1.54																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	15.8	13.2	13.7	19.9																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	225	216	23.9	249																
Iron	N/A	-	-	-	-																
Magnesium	N/A	5.87	5.37	6.22	6.53																
Aluminium	≤300	51.3	62.9	<50	<50																
E.coli	≤1	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																	
pH	≤5 - ≤9.7	7.14	7.41	6.84	6.83																	

Conductivity	**≤170**	31.9	31.2	33.8	35.5																		
Turbidity	**≤5**	1.5	1.59	4.55	3.41																		
Colour	**≤15**	<10	<10	<10	<10																		
Calcium	**N/A**	16.4	19.1	18.4	19.1																		
Chloride	**≤300**	-	-	-	-																		
Flouride	**≤1.5**	-	-	-	-																		
Dissolved solids	**≤1200**	223	218	237	249																		
Iron	**N/A**	-	-	-	-																		
Magnesium	**N/A**	5.84	5.18	5.71	6.82																		
Aluminium	**≤300**	<50	77.4	<50	<50																		
E.coli	**≤1**	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																
pH	≤5 - ≤9.7	7.68	8.5	7.05	7.31																
Conductivity	≤170	159	153	140	149																
Turbidity	≤5	<0.32	0.34	<0.32	<0.32																
Colour	≤15	<10	<10	<10	<10																
Calcium	N/A	21.6	22.6	21.7	24																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	1111	1072	979	1044																
Iron	N/A	-	-	-	-																
Magnesium	N/A	20.4	34.3	32.4	36.9																
Aluminium	≤300	<50	<50	<50	<50																
E.coli	≤1	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															
pH	≤5 - ≤9.7	6.33	6.39	6.41	6.6															
Conductivity	≤170	154	149	133	137															
Turbidity	≤5	<0.32	<0.32	0.33	0.51															
Colour	≤15	<10	<10	<10	<10															
Calcium	N/A	17.8	16	19.2	20.5															
Chloride	≤300	-	-	-	-															
Flouride	≤1.5	-	-	-	-															
Dissolved solids	≤1200	1075	1041	932	958															
Iron	N/A	-	-	-	-															
Magnesium	N/A	21.3	34.4	30.4	33.6															
Aluminium	≤300	<50	<50	<50	<50															
E.coli	≤1	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																	
pH	≤5 - ≤9.7	8.95	9.18	8.37	7.68																	
Conductivity	≤170	33.7	34.3	35.2	42																	
Turbidity	≤5	0.52	0.33	0.79	<0.32																	
Colour	≤15	<10	<10	<10	<10																	
Calcium	N/A	15.7	14	14.9	14.9																	
Chloride	≤300	-	-	-	-																	
Flouride	≤1.5	-	-	-	-																	
Dissolved solids	≤1200	236	240	246	294																	
Iron	N/A	-	-	-	-																	
Magnesium	N/A	5.8	6.01	5.9	8.12																	
Aluminium	≤300	74.7	59	<50	<50																	
E.coli	≤1	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																	
pH	≤5 - ≤9.7	8.42	8.64	8.32	7.96																	
Conductivity	≤170	34.2	34.5	35.2	41.3																	
Turbidity	≤5	<0.32	0.36	0.34	0.32																	
Colour	≤15	<10	<10	<10	<10																	
Calcium	N/A	16.4	14.4	15.4	15.5																	
Chloride	≤300	-	-	-	-																	
Flouride	≤1.5	-	-	-	-																	
Dissolved solids	≤1200	239	242	246	289																	
Iron	N/A	-	-	-	-																	
Magnesium	N/A	3.81	5.87	5.74	7.77																	
Aluminium	≤300	93.5	80.6	<50	<50																	
E.coli	≤1	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																	
pH	≤5 - ≤9.7	8.32	8.38	7.65	7.62																	
Conductivity	≤170	35.2	34.6	36.3	41.1																	
Turbidity	≤5	0.87	<0.32	0.57	1.22																	
Colour	≤15	<10	<10	<10	<10																	
Calcium	N/A	15.4	12.8	13.8	14																	
Chloride	≤300	-	-	-	-																	
Flouride	≤1.5	-	-	-	-																	
Dissolved solids	≤1200	246	242	254	288																	
Iron	N/A	<50	<50	<50	<50																	
Magnesium	N/A	3.95	5.86	6.04	7.9																	
Aluminium	≤300	69.4	71.5	<50	<50																	
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.22	9.2	8.5	6.81																
Conductivity	≤170	9.55	8.73	7.75	6.67																
Turbidity	≤5	0.39	0.53	0.45	0.44																
Colour	≤15	-	-	-	-																
Calcium	N/A	8.3	8.4	6.08	8.53																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	-	-	-	-																
Iron	N/A	-	-	-	-																
Magnesium	N/A	0.91	0.95	0.96	1.32																
Aluminium	≤300	108	96.9	55.7	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.89	9.1	7.88	7.22																
Conductivity	≤170	11.6	8.91	7.93	7.27																
Turbidity	≤5	0.56	70.2	0.46	0.48																
Colour	≤15	-	-	-	-																
Calcium	N/A	11.4	8.74	6.19	5.66																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	-	-	-	-																
Iron	N/A	-	-	-	-																
Magnesium	N/A	0.97	0.94	0.97	1.3																
Aluminium	≤300	<50	85.3	51.9	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.81	9.33	7.16	7.35																
Conductivity	≤170	11.5	9.31	7.63	7.27																
Turbidity	≤5	0.55	0.54	0.41	0.36																
Colour	≤15	-	-	-	-																
Calcium	N/A	11.5	9.35	5.6	6.1																
Chloride	≤300	-	-	-	-																
Flouride	≤1.5	-	-	-	-																
Dissolved solids	≤1200	-	-	-	-																
Iron	N/A	-	-	-	-																
Magnesium	N/A	0.96	0.91	0.89	1.24																
Aluminium	≤300	97.4	101	<50	<50																
E.coli	≤1	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																
pH	≤5 - ≤9.7	9.4	8.69	9.24	6.65																
Conductivity	≤170	9.54	8.38	8.7	6.33																
Turbidity	≤5	1.08	0.44	0.65	0.52																

Colour	**≤15**	<10	<10	<10	<10																	
Calcium	**N/A**	8.14	7.64	7.48	4.35																	
Chloride	**≤300**	-	-	-	-																	
Flouride	**≤1.5**	-	-	-	-																	
Dissolved solids	**≤1200**	67	59	61	44																	
Iron	**N/A**	-	-	-	-																	
Magnesium	**N/A**	1.09	1	0.99	1.25																	
Aluminium	**≤300**	124	85.5	53.2	<50																	
E.coli	**≤1**	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															
pH	≤5 - ≤9.7	8.5	8.84	8.05	8.06															
Conductivity	≤170	34.3	34.1	35.1	41															
Turbidity	≤5	0.54	<0.32	0.58	<0.32															
Colour	≤15	<10	<10	<10	<10															
Calcium	N/A	16.6	14.6	14.9	15.2															
Chloride	≤300	-	-	-	-															
Flouride	≤1.5	-	-	-	-															
Dissolved solids	≤1200	240	239	246	287															
Iron	N/A	-	-	-	-															
Magnesium	N/A	5.93	5.77	5.85	7.51															
Aluminium	≤300	92.8	80.5	<50	<50															
E.coli	≤1	Not Detected	Not Detected	Not Detected	Not Detected															