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KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

INSTALLATION AND EQUIPPING OF BOREHOLE - CENTOCOW HIGH SCHOOL AT HARRY GWALA DISTRICT

YIELD TESTING & WATTER QUALITY REPORT

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TITLE: **YIELD TESTING & WATER QUALITY REPORT FOR A NEWLY DRILLED BOREHOLE IN CENTOCOW HIGH SCHOOL.**		
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SYNOPSIS YIELD TESTING & WATER QUALITY REPORT FOR A NEWLY DRILLED BOREHOLE IN CENTOCOW HIGH SCHOOL.	CONSTRUCTION	
KEY WORDS: Groundwater, water quality, boreholes.		

Verification	Capacity	Name	Signature	Date
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Checked and authorized	Geohydrologist (Cert.Sci.Nat)	T Ndaba		25 May 2026
Approved	Senior Geologist (Pr.Sci.Nat)	H Mabelane		25 May 2026

YIELD TESTING & WATER QUALITY REPORT FOR A NEWLY DRILLED BOREHOLE IN CENTOCOW HIGH SCHOOL.

Contents

ANNEXURES

1 INTRODUCTION

Majabula Construction (PTY) LTD has appointed Cristian Pumps Pty Ltd (Water Quality and Yield Testing Specialists) as a subcontractor to conduct a groundwater feasibility assessment, yield testing and water quality testing for a new borehole in Centocow High School under Harry Gwala District Municipality, KwaZulu Natal. The objective is to determine the current groundwater status quo within the borehole.

Figure below show the locations of the first site which is Centocow High School Borehole:

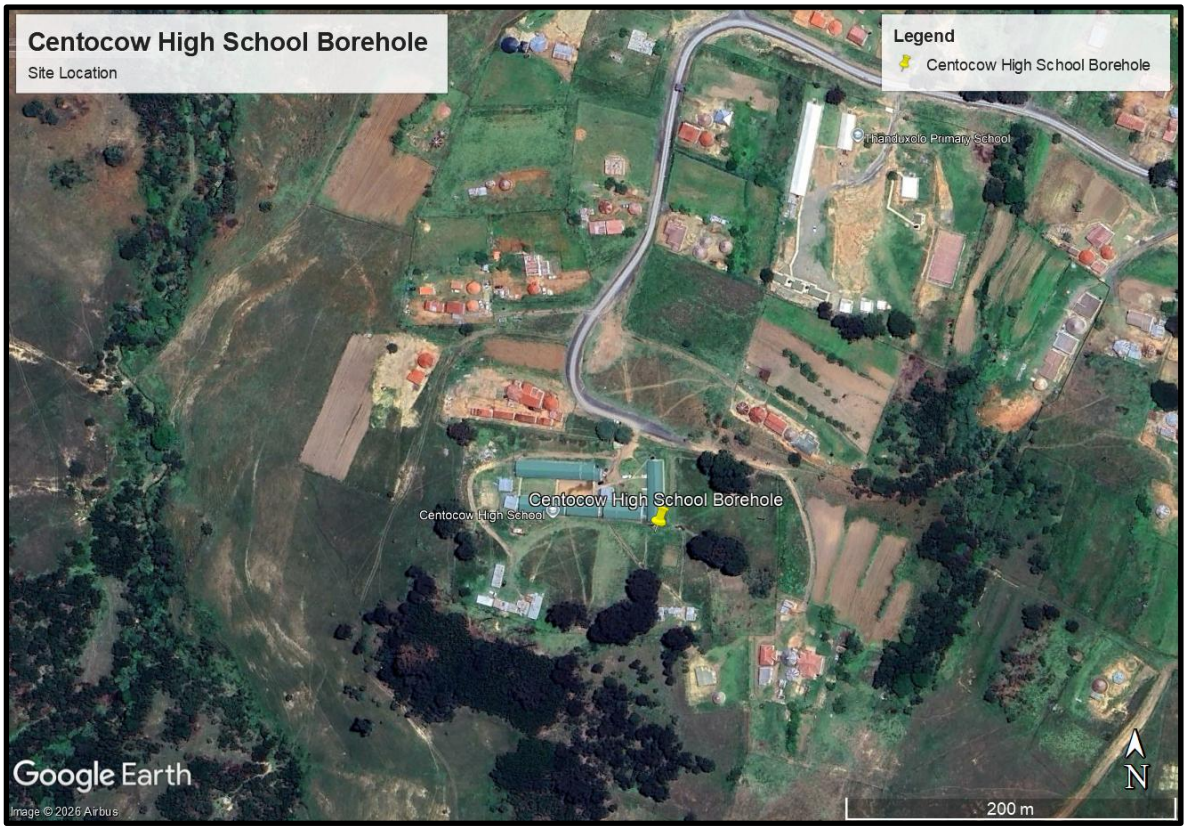

Figure 1: Locality Plan of Centocow High School Borehole.

2 YIELD TESTING OF BOREHOLE

- The yield testing was carried out in accordance with the guidelines of the South African National Standard SANS10299-4:2003 – Part 4: Test Pumping of Water Boreholes, and the recommended guidelines for test pumping of fractured rock aquifers, to determine a groundwater management plan for the boreholes.
- The pumping test was designed such that the borehole was step-tested and allowed to recover before a constant discharge (CD) test was undertaken, followed by recovery. The purpose of step testing was to stress the boreholes across their yield range for short intervals to extrapolate a suitable constant discharge pumping phase rate. The constant discharge rate was extrapolated from the step test data such that 60 to 80% drawdown would be achieved in the borehole at the end of the specified constant discharge pumping phase. Once step testing was

complete, the monitoring of recovery in the borehole was carried out. Constant discharge testing was carried out for 24 hours followed by monitored recovery.

- The test pumping data was analysed using the Program as developed by the Institute for Groundwater Studies at the University of the Free State. Flow and fracture characteristics of the borehole revealed by the test pumping information was reviewed and a sustainable yield and critical pumping depth determined. Analysis has been determined on a per borehole basis and the influence of combined pumping from other boreholes in the area may affect long term yields.
- CRISTIAN PUMPS (PTY) LTD was appointed as a subcontractor to conduct yield testing of the borehole drilled in Centocow High School situated within Harry Gwala District Municipality. The purpose of the yield test is to determine the aquifer parameters for the sole intention of establishing a manageable sustainable yield. The yield testing of the borehole commenced on the 08th of May 2026.

Table 1: On-Site Yield Test Summary

AREA	BOREHOLE NAME	COORDINATES	BH DEPTH(m)	RATE	COMMENTS
Centocow High School	**Newly Drilled Borehole**	**-30.030182°S 29.709647°E**	**130**	**3000L/hr**	**Borehole yield tested for 24 hours.**

The table above shows summary on yield testing on the newly drilled borehole in Centocow High School.

The borehole is a new borehole.

The key findings for yield testing for Centocow High School Borehole are as follow:

- Water level is at 29.70m.
- Borehole pumped at 0.83L/s for a constant 24 hours (1440 minutes).
- Recovered to 90% in less than 30 minutes.
- The borehole shows that there is a sustainable yield.
- The recommended abstraction rate is 1L/s and must have a pumping duration of 24 hours which will give 86400L over 24 hours. This is enough to fill an 86KL storage tank.
- The pumping schedule should stick to the recommended limits, anything above that will be subjecting the borehole to run dry and damage motor.

3 GROUNDWATER QUALITY AND WATER TESTS

Groundwater samples were taken for water quality analysis. The results are interpreted below. A full set of results is attached as Annexure B

Determinands	Units	Centocow H School	2015 SABS SANS 241-1- Standard	1996 DWAF Domestic Use Guideline
Chemical				
Dissolved Calcium	mg/l	11,6	-	32
Potassium	mg/l	2,5	-	50
Dissolved Magnesium	mg/l	8,91	-	30
Sodium	mg/l	7,93	200	100
Dissolved Aluminium	mg/l	0	0,3	0,15
Dissolved Iron	mg/l	0,044	2	0,3
Dissolved Manganese	mg/l	<0,010	0,5	0,1
Dissolved Lead	mg/l	<0,01	0,01	0,01
Total Alkalinity	mg/l	54	-	-
Bicarbonate Alkalinity*	mg/l	54	-	-
Chloride	mg/l	<5	300	100
Electrical Conductivity at 25°C	mS/m	16	170	70
Fluoride	mg/l	0,11	1,5	1
Nitrate	mg/l	2,48	11	6
Turbidity	NTU	3,2	5	10
pH at 25°C	pH Units	7,4	5, 9.5	6, 9
Sulphate	mg/l	<5	250	200
Total Dissolved Solids at 180°C	mg/l	0	1200	450
Total Hardness*	mg/l	66		100
Microbiological				
E.coli	MPN/100ml	<1 (Not Detected)	0	0
Feacal Coliforms	MPN/100ml	0	0	0
Total Coliforms	MPN/100ml	4	10	5
Standard Plate Count	Colonies/ml	488	1000	100

Figure 2: Summary of Water Quality Test Results

There are five categories of classification for the boreholes in terms of SANS 241 (2015) Drinking Water Standards that are showed in the tables below. The boreholes are classified according to severity towards human health caused by these contaminants.

Boreholes are classified in the following manner:

- Ideal (Class 0) – water will have no effect and is suitable to be used as drinking water by all users
- Good (Class 1) – water is suitable for all users and may have rare instances of sub-clinical effects
- Marginal (Class 2) – water may cause some effects in sensitive users and may have aesthetic effects
- Poor (Class 3) – water may pose risk of chronic health effects, especially with babies, children and elderly people and may have poor aesthetic effects
- Unacceptable (Class 4) – water quality may cause severe acute health effects, even when used over a short period of time.

BOREHOLE FINDINGS (AFTER WATER QUALITY TESTING)

Based on the laboratory results:

- Key chemical parameters such as pH (7.4), electrical conductivity (16 mS/m), chloride (<5 mg/ℓ), sulphate (<5 mg/ℓ), sodium (7.93 mg/ℓ), fluoride (0.11 mg/ℓ), nitrate (2.48 mg/ℓ) and total hardness (66 mg $CaCO_3$/ℓ) are all well within acceptable drinking water limits, indicating that the water is fresh, low in dissolved salts, and non-saline. The low EC and hardness suggest relatively soft water with minimal scaling potential. Iron (44 µg/ℓ), manganese (<10 µg/ℓ), lead (<10 µg/ℓ) and copper (<10 µg/ℓ) concentrations are also within acceptable limits and are unlikely to present health or aesthetic concerns.

- From a microbiological perspective, E. coli was not detected, which is a positive indication that there is no direct faecal contamination at the time of sampling. However, the presence of total coliforms (4 MPN/100 mℓ) and a relatively elevated standard plate count (488 colonies/mℓ) suggests minor bacterial activity within the water system or possible contamination during storage, handling, or distribution. Although these values remain within SANS 241 acceptable limits, precautionary disinfection such as chlorination is recommended before human consumption, particularly if the water is intended for a communal or school supply.

- The turbidity value of 3.2 NTU is below the aesthetic limit of 5 NTU but exceeds the operational target of 1 NTU, indicating the presence of some suspended particles. While not severe, filtration or settling may improve water clarity and enhance disinfection effectiveness.

Overall, the groundwater is considered to be of acceptable quality for domestic use, subject to basic disinfection and routine monitoring to maintain microbiological safety.

4 CONCLUSIONS

This report contains yield testing results for the newly drilled borehole in Centocow High School, Harry District Municipality.

The borehole can be classified as Class 1 (Good).

The yield testing was achieved in 24 hours and borehole recovered within 30 Minutes. This borehole is suitable for the proposed development.

ANNEXURE A: SUSTAINABLE YIELD RESULTS & ONSITE DATA

Village Name		Centocow H. School
BH ID		BH
DateStarted		08/05/2026
Date Completed		09/05/2026
Latitude	(WGS84)	30,030182
Longitude	(WGS84)	29,709647
Water Level	(mbch)	29,7
Pump Depth	(mbgl)	120
Available drawdown	(m)	90,3
Time Pumped	(min)	1440
Rate	(L/s)	0,83
Pumped to	(m)	66,08
Total Drawdown	(m)	36,38
Recovered to	(m)	30,88
BH Depth	(mbgl)	130
Saturated thickness	(m)	100,3
Rec time	(min)	1440
Total Rec	(m)	35,2
% Recovery	(%)	96,76
Average Sustainable Yield	**l/s**	**1,5**
Recommended Abstraction Rate	**l/s**	**1**
Abstraction rate	**(l/hr)**	**3600**
Recommended Pump installation Depth	**mbgl**	**120**
Pump Duration	**Hours/day**	**20**

CONSTANT DISCHARGE TEST & RECOVERY DATA SHEET

Water Solutions

PROJECT NO :		PROVINCE:	KZN	TESTING CREW:	CRISTIAN PUMPS
BOREHOLE NAME:	CENTACOW HIGH SCHOOL	DISTRICT:	INGWE LOCAL MU		
LAT:	30,030182	SITE NAME:	CENTACOW HIGH		
LONG:	29,709647				
BOREHOLE DEPTH:	130,00	CASING HEIGHT: (magl):	130,00	EXISTING PUMP:	New Borehole
WATER LEVEL (mbdl):	29,70	CASING DIAMETER: (mm):	177,00	TEST PUMP	2,2kw
DEPTH OF PUMP (m):	120,00	DIAMETER OF PUMP INLET(mm):	100,00	TEST DATE	08 May 2026

CONSTANT DISCHARGE TEST & RECOVERY

TEST STARTED		TEST COMPLETED					
DATE:	08/05/26	TIME:		DATE:		TIME:		TYPE OF PUMP:	08 May 2026

DISCHARGE BOREHOLE					OBSERVATION HOLE 1			OBSERVATION HOLE 2			OBSERVATION HOLE 3	
					NR:			NR:			NR:	
DISCHARGE FLOW RATE (L/h).					Distance(m);			Distance(m);			Distance(m);	
TIME	DRAW	YIELD	TIME	RECOVERY	TIME:	DRAW	Recovery	TIME:	Drawdown	Recovery	TIME:	Drawdown
(min)	DOWN (m)	(L/h)	(min)	(m)	(min)	DOWN (m)	(m)	(min)	(m)		(min)	(m)
0,5	30,21	3000,00	0,5	65,58	0,5			0,5			0,5	
1	30,35		1	64,71	1			1			1	
2	30,40		2	61,54	2			2			2	
3	30,44		3	57,25	3			3			3	
5	30,60		5	52,40	5			5			5	
7	30,66		7	49,02	7			7			7	
10	30,74		10	45,51	10			10			10	
15	30,85		15	40,43	15			15			15	
20	30,87		20	38,68	20			20			20	
25	30,88		25	36,40	25			25			25	
30	30,94		30	33,74	30			30			30	
35	31,20		35	31,88	35			35			35	
40	31,35		40	31,67	40			40			40	
50	31,40		50	31,55	50			50			50	
60	31,42		60	31,48	60			60			60	
70	31,45		70	31,43	70			70			70	
80	31,47		80	31,40	80			80			80	
90	31,50		90	31,38	90			90			90	
100	31,52		100	31,35	100			100			100	
120	31,95		120	31,31	120			120			120	
150	32,50		150	31,27	150			150			150	
180	32,60		180	31,25	180			180			180	
210	32,65		210	31,22	210			210			210	
240	32,73		240	31,20	240			240			240	
270	32,80		270	31,17	270			270			270	
300	32,85		300	31,15	300			300			300	
330	33,24		330	31,13	330			330			330	
360	33,80		360	31,11	360			360			360	
420	33,94		420	31,08	420			420			420	
480	34,20		480	31,07	480			480			480	
540	35,18		540	31,05	540			540			540	
600	35,95		600	31,02	600			600			600	
660	37,27		660	31,00	660			660			660	
720	40,70		720	30,99	720			720			720	
900	44,00		900	30,96	900			900			900	
1000	49,77		1000	30,94	1000			1000			1000	
1100	53,89		1100	30,93	1100			1100			1100	
1200	58,07		1200	30,91	1200			1200			1200	
1300	61,54		1300	30,89	1300			1300			1300	
1400	65,11		1400	30,88	1400			1400			1400	
1440	66,08		1440	30,88	1440			1440			1440	
1500			1500		1500			1500			1500	
1560			1560		1560			1560			1560	
1680			1680		1680			1680			1680	
1800			1800		1800			1800			1800	
1920			1920		1920			1920			1920	
2040			2040		2040			2040			2040	
2160			2160		2160			2160			2160	
2280			2280		2280			2280			2280	
2400			2400		2400			2400			2400	
2520			2520		2520			2520			2520	
2640			2640		2640			2640			2640	
2760			2760		2760			2760			2760	
2880			2880		2880			2880			2880	

ANNEXURE B: WATER QUALITY TEST RESULTS

TALBOT
A Level 1 B-BBEE company

[002264/26], [2026/03/31]

Certificate of Analysis

Project details

Customer Details

Invoice Category	400.001
Company name:	CRISTIAN PUMPS (PTY) LTD
Contact address:	99 GREYLING STREET, 3201
Contact person:	DONALD

Sampling Details

Sampled by:	CUSTOMER
Sampled date:	2026/03/19

Sample Details

Sample type(s):	WATER SAMPLES
Date received:	2026/03/19
Delivered by:	CUSTOMER
Temperature at sample receipt (°C):	19.5

Report Details

Testing commenced:	2026/03/19
Testing completed:	2026/03/30
Report date:	2026/03/31
Our reference:	002264/26

Analytical Results

Methods	Determinands	Units	007768/26 DULINI PRIMARY SCHOOL 19.03.2026
Chemical			
233	Dissolved Calcium	mg Ca/ℓ	62
233	Dissolved Potassium	mg K/ℓ	2.89
233	Dissolved Magnesium	mg Mg/ℓ	27
233	Dissolved Sodium	mg Na/ℓ	64
94	Acid Soluble Copper	µg Cu/ℓ	<10
94	Acid Soluble Iron	µg Fe/ℓ	315
94	Acid Soluble Manganese	µg Mn/ℓ	35
94	Acid Soluble Lead	µg Pb/ℓ	<10
10G2	Total Alkalinity	mg $CaCO_3$/ℓ	230
16G2	Chloride	mg Cl/ℓ	68
123	Free Chlorine*	mg Cl_2/ℓ	<0.1
40A	Colour (True)	mg Pt-Co/ℓ	<10
2B	Electrical Conductivity at 25°C	mS/m	83
18G2	Fluoride	mg F/ℓ	0.48
65G2c	Nitrate	mg N/ℓ	11.0
65G2b	Nitrite	mg N/ℓ	<0.25
Calc.	Combined Nitrate + Nitrite (sum of Ratios)	-	**1.3**
4	Turbidity	NTU	**9.5**
1B	pH at 25°C	pH units	7.1
67G2	Sulphate	mg SO_4/ℓ	19.4
Calc.	Total Hardness	mg $CaCO_3$/ℓ	267
Microbiological			
32	*E.coli*	MPN/100mℓ	<1 (Not detected)
32	Total Coliforms	MPN/100mℓ	**>2420**
31	Standard Plate Count	colonies/mℓ	**>1000**

Refer to the "Notes" section at the end of this report for further explanations.

Where the laboratory reporting limit for a test is higher than the required specification limit, the raw data is reviewed and the detection limit highlighted in bold font if outside of specification.

Specific Observations

Results that appear in bold do not meet the specification limits in Appendix 1 of this report.

Quality Assurance

Technical signatories

Notes to this report

Limitations

This report shall not be reproduced except in full without prior written approval of the laboratory.
Results in this report relate only to the samples as taken, and the condition received by the laboratory.
Any opinions and interpretations expressed herein are outside the scope of SANAS accreditation.
Sample preparation may require filtration, dilution, digestion or similar. Final results are reported accordingly.
Where the laboratory has undertaken the sampling, the location of sampling and sampling plan are available on request. Talbot is guided by the National Standards SANS 5667-1:2008 Part 1 Guidance on the Design of Sampling Programmes and Sampling Techniques and SANS 5667-3:2008 Part 3 Guidance on the Preservation and Handling of Water Samples.

Customers to contact Talbot Laboratories for further information.

Uncertainty of measurement

The reported uncertainty of measurement is based on a standard uncertainty multiplied by a coverage factor of =2, which, unless otherwise specifically stated, provides a level of confidence of approximately 95%.
Uncertainty of measurement is available here.

Decision Rule

Talbot Laboratories (Pty) Ltd shall apply the following decision rule in assessing the conformity of test results to the specification on the test report:

- A binary rule (pass / fail) based on a guard band as referenced in ILAC G8_09_2019; shall apply to results. This has a global false acceptance risk of 2%.
- Statements of conformity are reported as:
  Passed - The measured values were observed within tolerance at the points tested.
  Failed - The measured values were either observed out of tolerance at the points tested.
- Based on the laboratory's decision rule, all results in bold font are deemed non-compliant to the defined specification per determinand, where applicable.
- The decision rule will only be applied to accredited method results.
- In instances when a statement of conformity is not required, test results are reported as an absolute value.

Analysis explanatory notes

Tests may be marked as follows:

^	Tests conducted at our Pretoria satellite laboratory (1 Sydney Brenner St, Lynwood, Pretoria, 0087).
*	Tests not included in our Schedule of Accreditation and therefore that are not SANAS accredited.
#	Tests that have been sub-contracted to a peer laboratory.
NR	Not required -shown, for example, where the schedule of analysis varied between samples.
σ	ISO 9001 Certified testing.
a	Testing has deviated from Method.

TALBOT
A Level 1 B-BBEE company

[003623/26], [2026/05/22]

Certificate of Analysis

Project details

Customer Details

Invoice Category	400.001
Company name:	CRISTIAN PUMPS (PTY) LTD
Contact address:	99 GREYLING STREET, 3201
Contact person:	CALVIN GUNHA

Sampling Details

Sampled by:	CUSTOMER
Sampled date:	2026/05/10

Sample Details

Sample type(s):	GROUNDWATER SAMPLES
Date received:	2026/05/11
Delivered by:	CUSTOMER
Temperature at sample receipt (°C):	16.5

Report Details

Testing commenced:	2026/05/11
Testing completed:	2026/05/22
Report date:	2026/05/22
Our reference:	003623/26

Analytical Results

Methods	Determinands	Units	012290/26
			CENTOW HIGH SCHOOL 10.05.2026
Chemical			
233	Dissolved Calcium	mg Ca/ℓ	11.6
233	Dissolved Potassium	mg K/ℓ	2.50
233	Dissolved Magnesium	mg Mg/ℓ	8.91
233	Dissolved Sodium	mg Na/ℓ	7.93
94	Acid Soluble Copper	µg Cu/ℓ	<10
94	Acid Soluble Iron	µg Fe/ℓ	44
94	Acid Soluble Manganese	µg Mn/ℓ	<10
94	Acid Soluble Lead	µg Pb/ℓ	<10
10G2	Total Alkalinity	mg $CaCO_3$/ℓ	54
16G2	Chloride	mg Cl/ℓ	<5
122	Free Chlorine*	mg Cl_2/ℓ	<0.1
40A	Colour (True)	mg Pt-Co/ℓ	<10
2B	Electrical Conductivity at 25°C	mS/m	16
18G2	Fluoride	mg F/ℓ	0.11
65G2c	Nitrate	mg N/ℓ	2.48
65G2b	Nitrite	mg N/ℓ	<0.25
Calc.	Combined Nitrate + Nitrite (sum of Ratios)	-	0.50
4	Turbidity	NTU	3.2
1B	pH at 25°C	pH units	7.4
67G2	Sulphate	mg SO_4/ℓ	<5
Calc.	Total Hardness	mg $CaCO_3$/ℓ	66
Microbiological			
32	*E.coli*	MPN/100mℓ	<1 (Not detected)
32	Total Coliforms	MPN/100mℓ	4
31	Standard Plate Count	colonies/mℓ	488

Refer to the "Notes" section at the end of this report for further explanations.

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Specific Observations

None

Quality Assurance

Technical signatories

Notes to this report

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Customers to contact Talbot Laboratories for further information.

Uncertainty of measurement

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Analysis explanatory notes

Tests may be marked as follows:

^	Tests conducted at our Pretoria satellite laboratory (1 Sydney Brenner St, Lynwood, Pretoria, 0087).
*	Tests not included in our Schedule of Accreditation and therefore that are not SANAS accredited.
#	Tests that have been sub-contracted to a peer laboratory.
NR	Not required -shown, for example, where the schedule of analysis varied between samples.
σ	ISO 9001 Certified testing.
a	Testing has deviated from Method.

Appendix 1: Specifications - SANS 241-1:2015 RECOMMENDED LIMITS

Reported Determinands	Limits	Reported Determinands	Limits
E.coli	0 Count/100mℓ (0 MPN/100mℓ)	Zinc	≤5000 µg/ℓ (≤5 mg/ℓ)
Faecal Coliforms	0 Count/100mℓ (0 MPN/100mℓ)	Antimony	≤20 µg/ℓ (≤0.02 mg/ℓ)
Cryptosporidium species	Not Detected	Arsenic	≤10 µg/ℓ (≤0.01 mg/ℓ)
Giardia species	Not Detected	Barium	≤700 µg/ℓ (≤0.7 mg/ℓ)
Total Coliforms	≤10 Count/100mℓ (10 MPN/100mℓ)	Boron	≤2400 µg/ℓ (≤2.4 mg/ℓ)
Standard Plate Count	≤1000 Count/1mℓ	Cadmium	≤3 µg/ℓ (≤0.003 mg/ℓ)
Somatic Coliphages	Not Detected	Total Chromium	≤50 µg/ℓ (≤0.05 mg/ℓ)
Cytopathogenic viruses	Not detected	Copper	≤2000 µg/ℓ (≤2 mg/ℓ)
Enteric Virus (Sub#)	Not Detected	Cyanide	≤200 µg/ℓ (≤0.2 mg/ℓ)
Colour	≤15 mg/ℓ Pt-Co	Iron	Chronic: ≤ 2000 µg/ℓ (≤2 mg/ℓ)
Electrical Conductivity	≤170 mS/m	Iron	Aesthetic: ≤ 300 µg/ℓ (≤0.3 mg/ℓ)
Total Dissolved Solids at 180°C	≤1200 mg/ℓ	Lead	≤10 µg/ℓ (≤0.01 mg/ℓ)
Turbidity	Operational ≤1 NTU	Manganese	Chronic: ≤ 400 µg/ℓ (≤0.4 mg/ℓ)
Turbidity	Aesthetic ≤5 NTU	Manganese	Aesthetic: ≤100 µg/ℓ (≤0.1 mg/ℓ)
pH	≥ 5 to ≤ 9.7	Mercury	≤6 µg/ℓ (≤0.006 mg/ℓ)
Odour	Inoffensive	Nickel	≤70 µg/ℓ (≤0.07 mg/ℓ)
Free Chlorine	≤5 mg/ℓ	Selenium	≤40 µg/ℓ (≤0.04 mg/ℓ)
Monochloramine	≤3000 µg/ℓ (≤3 mg/ℓ)	Uranium	≤30 µg/ℓ (≤0.03 mg/ℓ)
Nitrate	≤11 mg/ℓ	Aluminium	≤300 µg/ℓ (≤0.3 mg/ℓ)
Nitrite	≤0.9 mg/ℓ	Total Organic Carbon	≤10 mg/ℓ
Combined Nitrate plus Nitrite (sum of Ratios)	≤1	Chloroform	≤300 µg/ℓ (≤0.3 mg/ℓ)
Sulphate	Acute: ≤ 500 mg/ℓ	Bromoform	≤100 µg/ℓ (≤0.1 mg/ℓ)
Sulphate	Aesthetic: ≤ 250 mg/ℓ	Dibromochloromethane	≤100 µg/ℓ (≤0.1 mg/ℓ)
Fluoride	≤1500 µg/ℓ (≤1.5 mg/ℓ)	Bromodichloromethane	≤60 µg/ℓ (≤0.06 mg/ℓ)
Ammonia	≤1.5 mg/ℓ	Trihalomethanes Ratio	≤1
Chloride	≤ 300 mg/ℓ	Microcystins	≤1 µg/ℓ
Sodium	≤200 mg/ℓ	Phenols	≤10 µg/ℓ (≤0.01 mg/ℓ)

**********End of Report**********