

# Final Report

Jeffreys Bay Laboratory  
 Shop 2, Surfside Centre  
 37 Da Gama Road.  
 Tel: 042 293 4125



Practice No:0774383

**Report to:**  
**GAMTOOS WATER USER ASSOCIATION**  
 ATT: LEON GRUNDLING  
 PO BOX 237  
 6335 PATENSIE

**Referred by:** GAMTOOS WATER USER ASSOCIATION

**Requisition No:** 728228374  
**Specimen No:** 0121:BS00081R  
**Collection Date:** 2025-01-21 00:00  
**Received Date:** 2025-01-21 12:14  
**Generated On:** 2025-01-30 13:20

**Patient:** ( File No: NOT SUPPLIED Ref No: V110798)  
**GW 16 IRRIGATION WATER**  
**Patient ID No:** 25:728228374  
**Age:Sex:DoB:** U  
**Contact No:** 0420070382

**Guarantor:**  
**GAMTOOS WATER USER ASSOCIATION**  
**Med Aid:** CLIENTS  
**Member No:** NOT AVAILABLE

**Clinical Data:** COLLECTION TIME NOT SUPPLIED OR UNCLEAR.

**Tests requested:** WATER IRRIGATION

**Referral ICD10 code(s):** Z76.9

## Biochemistry

Test Name	Result	Flag	Reference Range
POTASSIUM	1.7		mg/L
	Class 0 (Ideal) <25 Class I (Acceptable) 25 - 50 Class II (Max.Allowable) >50 - 100		
PH VALUE	7.2		5.0-9.7 pH units
CHLORIDE	48		0-300 mg/L
CONDUCTIVITY mS/m @ 25 C	22.20		0-170 mS/m
IRON	270		ug/L
	Guidelines: Aesthetic Chronic health		0-300 ug/L 0-2000 ug/L
SODIUM	25		0-200 mg/L
MAGNESIUM	4.2		mg/L
	Class 0 (Ideal) <30 Class I (Acceptable) 30 - 70 Class II (Max.Allowable) >70 - 100		
CALCIUM (H2O)	4.5		mg/L
	Class 0 (Ideal) <80 Class I (Acceptable) 80 - 150 Class II (Max.Allowable) >150 - 300		
BICARBONATES (H2O)	18		mg/L
CARBONATES (H2O)	0		mg/L
SULPHATES	8		mg/L
	Guidelines: Aesthetic Acute health		0-250 mg/L 0-500 mg/L
MANGANESE	< 50		ug/L
	Guidelines: Aesthetic Chronic health		0-100 ug/L 0-400 ug/L

LANGELIER SATURATION INDEX	-2.6	
A Saturation index value of 0 is perfectly balanced (non-corrosive and non-scaling). A Negative saturation index value will tend to be corrosive. A Positive saturation index value will tend to scale forming.		
Na ABSORPTION RATE WATER	2.10	
COMMENT:	Sampling done by client. Test results are specific only to the sample tested. Samples from the same or similar source may deliver a different result.  Water testing was performed by Pathcare's wholly owned subsidiary, Bemlab Pty Ltd Accreditation number T0654 For a list of accredited analytes, please contact Bemlab at 021 8531490 or email admin@bemlab.co.za	
BORON (WATER ANALYSIS)	< 100	0-2400 ug/L
COMMENT:	Guidelines as per SANS 241-1:2011 Drinking water. DWAF guidelines available on: <a href="http://www.dwaf.gov.za/iwqs/wq_guide/index.asp">http://www.dwaf.gov.za/iwqs/wq_guide/index.asp</a>	

Authorised on 2025-01-30 12:49

For consultation, contact a Pathologist - 0422934125

H=High, L=Low, \*H=Critically High, \*L=Critically Low, #=Delta Checked

In rare cases, analytical interference may cause erroneous results.

Please inform pathologist if results and clinical picture do not concur.

~ File [ ] Phone Patient [ ] Appointment [ ] Prescription [ ] Draw File [ ]