

# Final Report

Jeffreys Bay Laboratory  
Shop 2, Surfside Centre  
37 Da Gama Road.  
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Practice No:5200539

**Report to:**  
**GAMTOOS IRRIGATION BOARD**  
ATT: LEON GRUNDLING  
PO BOX 237  
6335 PATENSIE

**Referred by:** GAMTOOS IRRIGATION BOARD

**Requisition No:** 728208579  
**Specimen No:** 0116:BS00042R  
**Collection Date:** 2023-01-16 11:30  
**Received Date:** 2023-01-16 11:53  
**Reported Date:** 2023-01-26 08:34

**Patient:** ( File No: V107698 Ref No: NOT SUPPLIED)  
**KOK-SE-PLAAS WATER**  
**Patient ID No:** 23:728208579  
**Age:Sex:DoB:** U  
**Contact No:** 0420070382

**Guarantor:**  
**GAMTOOS IRRIGATION BOARD**  
**Med Aid:** CLIENTS  
**Member No:** NOT AVAILABLE  
**Contact No:** 0835520157

**Tests requested:** WATER IRRIGATION

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

## Biochemistry

Test Name	Result	Flag	Reference Range
POTASSIUM	1.4		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	45		0-300 mg/L
CONDUCTIVITY mS/m @ 25 C	22.50		0-170 mS/m
IRON	590		ug/L
	Guidelines: Aesthetic Chronic health		0-300 ug/L 0-2000 ug/L
SODIUM	25		0-200 mg/L
MAGNESIUM	4.6		mg/L
	Class 0 (Ideal) <30	Class I (Acceptable) 30 - 70	Class II (Max.Allowable) >70 - 100
CALCIUM (H2O)	5.2		mg/L
	Class 0 (Ideal) <80	Class I (Acceptable) 80 - 150	Class II (Max.Allowable) >150 - 300
BICARBONATES (H2O)	20.0		mg/L
CARBONATES (H2O)	0		mg/L
SULPHATES	7		mg/L
	Guidelines: Aesthetic Acute health		0-250 mg/L 0-500 mg/L
MANGANESE	240		ug/L
	Guidelines: Aesthetic Chronic health		0-100 ug/L 0-400 ug/L
LANGELIER SATURATION INDEX	-2.4		
	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	1.90	
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 2023-01-26 08:06:00  
 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 [ ]