

Final Report

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



Practice No:0774383

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

Referred by: GAMTOOS IRRIGATION BOARD

Requisition No: 728218579
Specimen No: 0122:BS00049R
Collection Date: 2024-01-22 11:50
Received Date: 2024-01-22 12:10
Reported Date: 2024-02-01 16:50

Patient: (Ref No: V109201)
DUPLEX WATER
Patient ID No: N/A
Age:Sex:DoB: U
Contact No: N/A

Guarantor:
GAMTOOS IRRIGATION BOARD
Contact No: 0835520157

Tests requested: WATER IRRIGATION

Biochemistry

Test Name	Result	Flag	Reference Range
POTASSIUM	1.6		mg/L
	Class 0 (Ideal) <25	Class I (Acceptable) 25 - 50	Class II (Max.Allowable) >50 - 100
PH VALUE	7.5		5.0-9.7 pH units
CHLORIDE	38		0-300 mg/L
CONDUCTIVITY mS/m @ 25 C	22.10		0-170 mS/m
IRON	410		ug/L
	Guidelines: Aesthetic Chronic health		0-300 ug/L 0-2000 ug/L
SODIUM	20		0-200 mg/L
MAGNESIUM	3.8		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)	25.9		mg/L
CARBONATES (H2O)	0		mg/L
SULPHATES	6		mg/L
	Guidelines: Aesthetic Acute health		0-250 mg/L 0-500 mg/L
MANGANESE	170		ug/L
	Guidelines: Aesthetic Chronic health		0-100 ug/L 0-400 ug/L
LANGELIER SATURATION INDEX	-2.1		
	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 1.70

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) 210 0-2400 ug/L

COMMENT: .

Guidelines as per SANS 241-1:2011 Drinking water.
DWAf guidelines available on:
http://www.dwaf.gov.za/iwqs/wq_guide/index.asp

Authorised on 2024-02-01 16:20

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 []