

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: 728218584
Specimen No: 0122:BS00057R
Collection Date: 2024-01-22 11:50
Received Date: 2024-01-22 12:14
Reported Date: 2024-02-01 16:53

Patient: (Ref No: V109201)
KABULJAUWS 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	330		mg/L
	Class 0 (Ideal) <25 Class I (Acceptable) 25 - 50 Class II (Max.Allowable) >50 - 100		
PH VALUE	7.7		5.0-9.7 pH units
CHLORIDE	15070	H	0-300 mg/L
CONDUCTIVITY mS/m @ 25 C	3660.00	H	0-170 mS/m
IRON	280		ug/L
	Guidelines: Aesthetic Chronic health		0-300 ug/L 0-2000 ug/L
SODIUM	7230	H	0-200 mg/L
MAGNESIUM	884.0		mg/L
	Class 0 (Ideal) <30 Class I (Acceptable) 30 - 70 Class II (Max.Allowable) >70 - 100		
CALCIUM (H2O)	267		mg/L
	Class 0 (Ideal) <80 Class I (Acceptable) 80 - 150 Class II (Max.Allowable) >150 - 300		
BICARBONATES (H2O)	108		mg/L
CARBONATES (H2O)	0		mg/L
SULPHATES	1900		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	0.3		
	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 47.90

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) 3500 H 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 16:26

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 []