

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: 728218578
Specimen No: 0122:BS00047R
Collection Date: 2024-01-22 00:00
Received Date: 2024-01-22 12:10
Reported Date: 2024-02-01 16:33

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

Guarantor:
GAMTOOS IRRIGATION BOARD
Contact No: 0835520157

Clinical Data: Please note that the collection date or time was not provided or unclear and could not be verified by PathCare.

Tests requested: WATER IRRIGATION

Biochemistry

Test Name	Result	Flag	Reference Range				
POTASSIUM	1.6		mg/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="border: 1px dashed black; padding: 2px;">Class 0 (Ideal) <25</td> <td style="border: 1px dashed black; padding: 2px;">Class I (Acceptable) 25 - 50</td> <td style="border: 1px dashed black; padding: 2px;">Class II (Max.Allowable) >50 - 100</td> <td></td> </tr> </table>				Class 0 (Ideal) <25	Class I (Acceptable) 25 - 50	Class II (Max.Allowable) >50 - 100	
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PH VALUE	7.0		5.0-9.7 pH units				
CHLORIDE	38		0-300 mg/L				
CONDUCTIVITY mS/m @ 25 C	20.00		0-170 mS/m				
IRON	400		ug/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%;">Guidelines: Aesthetic Chronic health</td> <td style="width: 25%;">0-300 ug/L 0-2000 ug/L</td> <td></td> </tr> </table>					Guidelines: Aesthetic Chronic health	0-300 ug/L 0-2000 ug/L	
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SODIUM	20		0-200 mg/L				
MAGNESIUM	3.6		mg/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="border: 1px dashed black; padding: 2px;">Class 0 (Ideal) <30</td> <td style="border: 1px dashed black; padding: 2px;">Class I (Acceptable) 30 - 70</td> <td style="border: 1px dashed black; padding: 2px;">Class II (Max.Allowable) >70 - 100</td> <td></td> </tr> </table>				Class 0 (Ideal) <30	Class I (Acceptable) 30 - 70	Class II (Max.Allowable) >70 - 100	
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CALCIUM (H2O)	4.1		mg/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="border: 1px dashed black; padding: 2px;">Class 0 (Ideal) <80</td> <td style="border: 1px dashed black; padding: 2px;">Class I (Acceptable) 80 - 150</td> <td style="border: 1px dashed black; padding: 2px;">Class II (Max.Allowable) >150 - 300</td> <td></td> </tr> </table>				Class 0 (Ideal) <80	Class I (Acceptable) 80 - 150	Class II (Max.Allowable) >150 - 300	
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BICARBONATES (H2O)	14.3		mg/L				
CARBONATES (H2O)	0		mg/L				
SULPHATES	6		mg/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%;">Guidelines: Aesthetic Acute health</td> <td style="width: 25%;">0-250 mg/L 0-500 mg/L</td> <td></td> </tr> </table>					Guidelines: Aesthetic Acute health	0-250 mg/L 0-500 mg/L	
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MANGANESE	< 50		ug/L				
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 25%;">Guidelines: Aesthetic Chronic health</td> <td style="width: 25%;">0-100 ug/L 0-400 ug/L</td> <td></td> </tr> </table>					Guidelines: Aesthetic Chronic health	0-100 ug/L 0-400 ug/L	
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LANGELIER SATURATION INDEX	-2.9						

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) < 100 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 16:12

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 []