

CLIENT : Lower Sundays River Water User Association
 PO Box 10
 Belmont Road
 Sunland
 6115

PROJECT : Quarterly Water Sampling

JOB CARD : TET3183

DATE SAMPLED : 02/03/2026

DATE DELIVERED : 02/03/2026

DATE COMPLETED : 12/03/2026

DATE REPORTED : 12/03/2026

SAMPLED BY : Geoscience Testing Lab

DATE TESTED : 05/03/2026

ATT : Mr. C Jonker

SAMPLING PROCEDURE : N/A

SHORT SANS LABORATORY ANALYTICAL REPORT

Parameter	Units	Method Reference / Method No	Limits SANS 241:2015	SANS 241 RISK CLASS	Sample No:				
					WL10624	WL10625	WL10626	WL10627	WL10628
					Sample ID:				
Electrical Conductivity	mS/m	GSF 346S	< 170	Aesthetic	47.40	37.10	45.40	48.90	41.50
pH at 25°C	pH units	GSF 373S	>5.0-<9.7	Operational	8.06	8.09	8.71	9.60	9.70
Turbidity	NTU	GSF 377S	Operational <1	Operational <1	4.29	250.00	250.00	61.90	91.00
			Aesthetic <5	Aesthetic <5					
Colour *	Pt-Co Units	GSF 372S	<15	Aesthetic	<5	10	14	11	112
Boron	mg/l B	TNT 877	2.4	Chronic Health	0.089	0.189	0.206	0.225	0.167
Sodium *	mg/l Na	SANS 11885	<200	Aesthetic	32.489	41.799	51.840	40.255	42.396
Calcium *	mg/l Ca	SANS 11885	N/A	N/A	13.222	6.389	9.819	10.540	12.473
Magnesium *	mg/l Mg	SANS 11885	N/A	N/A	5.049	6.661	7.257	9.629	6.667
Potassium *	mg/l K	SANS 11885	N/A	N/A	5.855	14.550	15.146	7.950	8.131
Iron *	mg/l Fe	SANS 11885	Chronic Health <2	Chronic Health <2	0.01	0.35	0.24	0.25	0.31
			Aesthetic <0.3	Aesthetic <0.3					
Manganese * (S)	mg/l Mn	SANS 11885	Chronic Health <0.4	Chronic Health <0.4	0.005	0.547	0.147	0.093	0.103
			Aesthetic <0.1	Aesthetic <0.1					
Total Alkalinity	mg/l CaCO ₃	GSF 368S	N/A	N/A	140.80	154.00	149.60	158.40	149.60
Chloride	mg/l Cl	GSF 354S	<300	Aesthetic	72.09	36.92	49.23	61.54	100.22
Ammonia as N	mg/l NH ₃ -N	GSF 372S	<1.5	Aesthetic	0.3	0.5	0.5	0.4	0.5
Nitrate as N	mg/l NO ₂ -N	GSF 372S	<11	Acute Health	1.00	1.30	2.20	2.80	2.20
Nitrite as N	mg/l NO ₂ -N	GSF372S	<0.9	Acute Health	0.002	0.148	0.000	<0.002	<0.002
Combined Nitrate plus Nitrite *	Ratio	GSF372S	<1.0	Acute Health	0.093	0.283	0.200	0.255	0.200
Fluoride as F	mg/l F	GSF 372S	<1.5	Chronic Health	<0.02	<0.02	0.05	<0.02	<0.02
Sulphate as SO ₄ ²⁻	mg/l SO ₄ ²⁻	GSF 372S	Acute Health <500	Acute Health <500	11	19	26	14	11
			Aesthetic <250	Aesthetic <250					
Total Dissolved Solids	mg/l TDS	GSF 297S	<1200	Aesthetic	287	250	313	340	270
Copper *	mg/l Cu	SANS 11885	<2	Chronic Health	0.206	0.145	0.166	0.154	0.183
Zinc *	mg/l Zn	SANS 11885	<5	Aesthetic	0.068	<0.002	<0.002	0.025	<0.002
E.coli *	count/100ml	GSF 282S	N/D	Acute Health	ND	3	8	ND	1
Total Coliforms *	count/100ml	GSF 282S	<10	Operational	<1	134	109	120	65
Heterotrophic plate count *	count/1ml	GSF 282S	<1000	Operational	<1	208	30	10	9
Total Hardness	mg equiv. CaCO ₃ /L	APHA 2340-B	N/A	Operational	53.806	43.383	54.402	65.971	58.600

Remarks: 1. The above test results are pertinent only to the samples received and tested at the laboratory. This report shall not be reproduced, except in full, without the prior consent of Geoscience Lab (Pty) Ltd. (*) = Indicate non-accredited tests. (s) = Subcontracted test. (N/D) = Not Accredited

2. The highlighted result is an interpretation of the direct comparison between the quoted specification and the single test sample results obtained.

3. The results met/not met is based on an approximate 95% level of confidence with reference to ISO/IEC 98-4

 Name :  Kiviwe Nontenja
 Technical Signatory