CERTIFICATE OF ANALYSIS

Batch No:	**26-64202**
Final Report	**388922**
Client:	**GWM Water**
Contact:	**Wastewater Quality Officer**
Address:	PO Box 481 HORSHAM VIC 3402

Laboratory	Scoresby Laboratory
Address	Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
Phone	03 8756 8000
Fax	03 9763 1862
Contact:	Carmin Depalma
	Carmin.DePalma@alsglobal.com

PO No:	**Not Available**	*Date Sampled:*	**14-Oct-2026**
Sampler Name:	**James B.**	*Date Samples Received:*	**15-Oct-2026**
ALS Program Ref:	**TPARARAT**	*Date Issued:*	**21-Oct-2026**
Program Description:	**Ararat Wastewater Treatment Plant Monitoring**		
Client Ref:	**Ararat WWTP Discharge**		

The hash (#) below indicates methods not covered by NATA accreditation in the performance of this service .

Analysis	*Method*	*Laboratory*	*Analysis*	*Method*	*Laboratory*
BOD5	WP030	Scoresby	Colilert (2000)	MM514	Scoresby
EC	WA010	Scoresby	TCN	WK062	Scoresby
NH3 as N	WK055G	Scoresby	NO2-N	EK057G	Scoresby
NO3-N	EK058GV	Scoresby	NOX as N	EK058V & 059GV	Scoresby
pH	WA005	Scoresby	SS at 104+/- 2°C	WA025	Scoresby
TKN/TP (HL)	WK061A 067A	Scoresby	Turbidity	WA045	Scoresby

Result for pH in water tested in the laboratory may be indicative only as holding time is generally not achievable.

DO analysed outside of holding time, therefore is indicative only

Samples tested for Colilert (MM514), Plate Count (MM524) or Enterolert (MM517),sampled before 11am the previous day will be outside holding time

Signatories

Name	*Title*	*Name*	*Title*
Asiri Nissanka	**Laboratory Technician**	**Chatura Perera**	**Team Leader Nutrients**
Charuni Wickramaarachchi	**Lab Technician**	**Jessica Kelly**	**Chemist / Analyst**
Thanh U. Nguyen	**Analyst**	**Nazish Shehzad**	**Analyst**

Samples not collected by ALS and are tested as received.

Calculated results are based on raw data.
Samples are tested within holding time unless otherwise stated.

Results contained within this report relate only to the samples tested.
The report shall not be reproduced, except in full.

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ALS Program Ref:	**TPARARAT**
Program Description:	**Ararat Wastewater Treatment Plant Monitoring**

For holding time compliance, method uncertainty, quality control and brief method summary, please refer to accompanying QC report.When a reported LOR is higher than the standard LOR, this may be due to high moisture content, insufficient sample or matrix interference. LOR = Limit of Reporting

Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
13134188	FOARA001	46309 - Discharge point Ararat WW	WATER	14/10/26 08:30
13134197	FOARA002	46309 - 100 m Downstream of discharge point	WATER	14/10/26 08:40
13134206	FOARA004	46309 - 100 m Upstream of discharge point	WATER	14/10/26 08:20

Analysis - Analyte	*Sample No. Site Code Units*	*LOR*	13134188 FOARA001	13134197 FOARA002	13134206 FOARA004
pH - pH, units	Units	-	7.8	7.8	7.8
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	2	7	5	<2
TKN/TP (HL) - Total Kjeldahl Nitrogen as N	mg N / L	0.1	5.8	4.6	2.3
TKN/TP (HL) - Phosphorus, total as P	mg P / L	0.05	8.0	5.8	0.34
SS at 104+/- 2°C - Suspended Solids	mg/L	2	530	190	6
EC - Electrical Conductivity @ 25C	uS/cm	2	2000	2300	3400
Turbidity - Turbidity, NTU	NTU	0.1	110	120	19
TCN - Total Nitrogen as N (Calc)	mg/L	0.1	9.3	7.4	2.5
NH3 as N - Ammonia, as N	mg N / L	0.1	0.5	0.5	0.5
NOX as N - Nitrate + Nitrite, as N	mg N / L	0.01	3.5	2.8	0.21
NO3-N - Nitrate, as N	mg N / L	0.01	3.4	2.7	0.16
NO2-N - Nitrite, as N	mg N / L	0.01	0.12	0.12	0.05
Colilert (2000) - E.coli	MPN/100mL	0	4900	3400	84

Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
13134215	SOARA010	46309 - Final (Southern) Lagoon Effluent	WATER	14/10/26 08:10

Analysis - Analyte	*Sample No. Site Code Units*	*LOR*	13134215 SOARA010
pH - pH, units	Units	-	8.0
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	2	<2
TKN/TP (HL) - Total Kjeldahl Nitrogen as N	mg N / L	0.1	2.8
TKN/TP (HL) - Phosphorus, total as P	mg P / L	0.05	12
SS at 104+/- 2°C - Suspended Solids	mg/L	2	6
EC - Electrical Conductivity @ 25C	uS/cm	2	1100
Turbidity - Turbidity, NTU	NTU	0.1	21
TCN - Total Nitrogen as N (Calc)	mg/L	0.1	7.7
NH3 as N - Ammonia, as N	mg N / L	0.1	0.4
NOX as N - Nitrate + Nitrite, as N	mg N / L	0.01	4.9
NO3-N - Nitrate, as N	mg N / L	0.01	4.8
NO2-N - Nitrite, as N	mg N / L	0.01	0.15
Colilert (2000) - E.coli	MPN/100mL	0	9

A blank space indicates no test performed.