CERTIFICATE OF ANALYSIS

Batch No: **26-64203**
Final Report **390522**

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**
Sampler Name: **Tony Wooster**
ALS Program Ref: **TPARARAT**
Program Description: **Ararat Wastewater Treatment Plant Monitoring**
Client Ref: **Ararat WWTP Discharge**

Date Sampled: **21-Oct-2026**
Date Samples Received: **23-Oct-2026**
Date Issued: **28-Oct-2026**

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	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.
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**	**Hoa T. Nguyen**	**Analyst**
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.

Batch No:	**26-64203**
Report Number:	**390522**
Client:	**GWM Water**
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
13134224	FOARA001	46317 - Discharge point Ararat WW	WATER	21/10/26 09:25
13134233	FOARA002	46317 - 100 m Downstream of discharge point	WATER	21/10/26 09:45
13134242	FOARA004	46317 - 100 m Upstream of discharge point	WATER	21/10/26 09:56

Analysis - Analyte	*Sample No. Site Code Units*	*LOR*	13134224 FOARA001	13134233 FOARA002	13134242 FOARA004
pH - pH, units	Units	-	7.8	7.8	7.7
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	2	11	3	<2
TKN/TP (HL) - Total Kjeldahl Nitrogen as N	mg N / L	0.1	4.6	3.6	1.8
TKN/TP (HL) - Phosphorus, total as P	mg P / L	0.05	8.6	8.7	0.20
SS at 104+/- 2°C - Suspended Solids	mg/L	2	24	20	24
EC - Electrical Conductivity @ 25C	uS/cm	2	2100	2100	6900
Turbidity - Turbidity, NTU	NTU	0.1	12	14	5.9
TCN - Total Nitrogen as N (Calc)	mg/L	0.1	8.6	7.8	1.8
NH3 as N - Ammonia, as N	mg N / L	0.1	0.3	0.3	<0.1
NOX as N - Nitrate + Nitrite, as N	mg N / L	0.01	4.0	4.2	0.03
NO3-N - Nitrate, as N	mg N / L	0.01	3.9	4.0	0.02
NO2-N - Nitrite, as N	mg N / L	0.01	0.14	0.17	<0.01

Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
13134251	SOARA010	46317 - Final (Southern) Lagoon Effluent	WATER	21/10/26 09:20

Analysis - Analyte	*Sample No. Site Code Units*	*LOR*	13134251 SOARA010
pH - pH, units	Units	-	7.9
BOD5 - Biochemical Oxygen Demand, 5 Day	mg/L	2	4
TKN/TP (HL) - Total Kjeldahl Nitrogen as N	mg N / L	0.1	4.6
TKN/TP (HL) - Phosphorus, total as P	mg P / L	0.05	11
SS at 104+/- 2°C - Suspended Solids	mg/L	2	7
EC - Electrical Conductivity @ 25C	uS/cm	2	1200
Turbidity - Turbidity, NTU	NTU	0.1	12
TCN - Total Nitrogen as N (Calc)	mg/L	0.1	9.8
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	5.2
NO3-N - Nitrate, as N	mg N / L	0.01	5.0
NO2-N - Nitrite, as N	mg N / L	0.01	0.18

A blank space indicates no test performed.