



CERTIFICATE OF ANALYSIS

Work Order : **EP2520248**
Client : **GASCOYNE WATER COOPERATIVE LTD**
Contact : Lisa Sweetman
Address : 50 BOUNDARY ROAD PO BOX 5
CARNARVON WESTERN AUSTRALIA, AUSTRALIA 6701
Telephone : ----
Project : NBF 1 Microbiological Testing
Order number : ----
C-O-C number : ----
Sampler : Carnavon Plumbing
Site : Borefield
Quote number : EP24GASWAT0004
No. of samples received : 12
No. of samples analysed : 12

Page : 1 of 5
Laboratory : Environmental Division Perth
Contact : Customer Services EP
Address : 26 Rigali Way Wangara WA Australia 6065
Telephone : +61-8-9406 1301
Date Samples Received : 03-Dec-2025 12:30
Date Analysis Commenced : 03-Dec-2025
Issue Date : 08-Dec-2025 09:51



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Isabelle Carver	Laboratory Technician	Perth Microbiology, Wangara, WA



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. are fully validated and are often at the client request.

In house developed procedures

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- MF = membrane filtration
- CFU = colony forming unit
- MW006 is ALS's internal code and is equivalent to AS4276.5.
- MW007 and MW006:Analysis Commenced:Date:3/12/2025.Time:3:00PM.
- Microbiological Comment: In accordance with ALS work instruction QWI-MIC/04, membrane filtration result is reported an approximate (~) when the count of colonies on the filtered membrane is outside the range of 10 - 100cfu.
- MW007 is ALS's internal code and is equivalent to AS4276.5.



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 1 2/14	Bore 2 18/10	Bore 3 20/10	Bore 4 02/10	Bore 5 21/10
Sampling date / time					02-Dec-2025 12:38	02-Dec-2025 12:58	02-Dec-2025 13:15	02-Dec-2025 13:23	02-Dec-2025 13:31
Compound	CAS Number	LOR	Unit		EP2520248-001	EP2520248-002	EP2520248-003	EP2520248-004	EP2520248-005
					Result	Result	Result	Result	Result
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	64
Escherichia coli	----	1	CFU/100mL		<1	<1	<1	<1	<1
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	~2	28	<1	84



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 6 19/10	Bore 7 03/14	Bore 9 1/10	Bore 10 11/13	Bore 11 5/16
Sampling date / time					02-Dec-2025 13:31	02-Dec-2025 13:36	02-Dec-2025 13:54	02-Dec-2025 13:33	02-Dec-2025 13:28
Compound	CAS Number	LOR	Unit		EP2520248-006	EP2520248-007	EP2520248-008	EP2520248-009	EP2520248-010
					Result	Result	Result	Result	Result
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	<1
Escherichia coli	----	1	CFU/100mL		<1	<1	<1	<1	<1
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	<1	<1	~1	<1



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 12 22/14	Bore 13 1/15	----	----	----
Sampling date / time					02-Dec-2025 13:06	02-Dec-2025 12:57	----	----	----
Compound	CAS Number	LOR	Unit		EP2520248-011	EP2520248-012	-----	-----	-----
					Result	Result	----	----	----
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	----	----	----
Escherichia coli	----	1	CFU/100mL		<1	<1	----	----	----
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	<1	----	----	----



CERTIFICATE OF ANALYSIS

Work Order : EP2520373
Client : GASCOYNE WATER COOPERATIVE LTD
Contact : Lisa Sweetman
Address : 50 BOUNDARY ROAD PO BOX 5
CARNARVON WESTERN AUSTRALIA, AUSTRALIA 6701
Telephone : ----
Project : NBF 2 Microbiological Testing - 1st Run
Order number :
C-O-C number : ----
Sampler : Carnarvon Plumbing
Site : Borefield
Quote number : EP24GASWAT0004
No. of samples received : 9
No. of samples analysed : 9

Page : 1 of 4
Laboratory : Environmental Division Perth
Contact : Customer Services EP
Address : 26 Rigali Way Wangara WA Australia 6065
Telephone : +61-8-9406 1301
Date Samples Received : 04-Dec-2025 12:30
Date Analysis Commenced : 04-Dec-2025
Issue Date : 08-Dec-2025 09:52



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Signatories	Position	Accreditation Category
Isabelle Carver	Laboratory Technician	Perth Microbiology, Wangara, WA



General Comments

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In house developed procedures

Where moisture determination has been performed, results are reported on a dry weight basis.

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LOR = Limit of reporting
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ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- MF = membrane filtration
- CFU = colony forming unit
- MW006 is ALS's internal code and is equivalent to AS4276.5.
- MW006 and MW007: Analysis Commenced: Date: 4/12/2025. Time: 1:50PM.
- Microbiological Comment: In accordance with ALS work instruction QWI-MIC/04, membrane filtration result is reported as approximate (~) when the count of colonies on the filtered membrane is outside the range of 10 - 100cfu.
- MW007 is ALS's internal code and is equivalent to AS4276.5.



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 18 94/15	Bore 19 10/15	Bore 20 32/15	Bore 21 86/15	Bore 22 64/14
Sampling date / time					03-Dec-2025 12:46	03-Dec-2025 12:55	03-Dec-2025 13:05	03-Dec-2025 13:27	03-Dec-2025 13:20
Compound	CAS Number	LOR	Unit		EP2520373-001	EP2520373-002	EP2520373-003	EP2520373-004	EP2520373-005
					Result	Result	Result	Result	Result
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		~2	<1	<1	<1	<1
Escherichia coli	----	1	CFU/100mL		~1	<1	<1	<1	<1
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		~2	<1	<1	<1	<1



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 23 92/15	Bore 24 97/15	Bore 25 69/14	Bore 26 27/15	----
Sampling date / time					03-Dec-2025 13:37	03-Dec-2025 12:50	03-Dec-2025 12:40	03-Dec-2025 13:05	----
Compound	CAS Number	LOR	Unit		EP2520373-006	EP2520373-007	EP2520373-008	EP2520373-009	-----
					Result	Result	Result	Result	----
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	----
Escherichia coli	----	1	CFU/100mL		<1	<1	<1	<1	----
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	----



CERTIFICATE OF ANALYSIS

Work Order : **EP2520734**
Client : **GASCOYNE WATER COOPERATIVE LTD**
Contact : Lisa Sweetman
Address : 50 BOUNDARY ROAD PO BOX 5
CARNARVON WESTERN AUSTRALIA, AUSTRALIA 6701
Telephone : ----
Project : NBF 2 Microbiological Testing - 2nd Run
Order number : ----
C-O-C number : ----
Sampler : Carnavon Plumbing
Site : Borefield
Quote number : EP24GASWAT0004
No. of samples received : 9
No. of samples analysed : 9

Page : 1 of 4
Laboratory : Environmental Division Perth
Contact : Customer Services EP
Address : 26 Rigali Way Wangara WA Australia 6065
Telephone : +61-8-9406 1301
Date Samples Received : 10-Dec-2025 13:00
Date Analysis Commenced : 10-Dec-2025
Issue Date : 12-Dec-2025 06:21



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Signatories	Position	Accreditation Category
Jasmine Myintaye	Lab Technician	Perth Microbiology, Wangara, WA



General Comments

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^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- MF = membrane filtration
- CFU = colony forming unit
- MW006 is ALS's internal code and is equivalent to AS4276.5.
- MW007 and MW006:Analysis Commenced:Date:10/12/2025.Time:2:00PM.
- Microbiological Comment: In accordance with ALS work instruction QWI-MIC/04, membrane filtration result is reported an approximate (~) when the count of colonies on the filtered membrane is outside the range of 10 - 100cfu.
- MW007 is ALS's internal code and is equivalent to AS4276.5.



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 15 59/14	Bore 16 66/14	Bore 27 96/15	Bore 28 43/15	Bore 29 48/14
Sampling date / time					09-Dec-2025 14:02	09-Dec-2025 13:03	09-Dec-2025 13:57	09-Dec-2025 13:40	09-Dec-2025 13:30
Compound	CAS Number	LOR	Unit		EP2520734-001	EP2520734-002	EP2520734-003	EP2520734-004	EP2520734-005
					Result	Result	Result	Result	Result
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	<1
Escherichia coli	----	1	CFU/100mL		<1	<1	<1	<1	<1
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	<1



Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	Bore 30 18/15	Bore 31 44/14	Bore 32 70/14	Bore 34 63/14	----
Sampling date / time					09-Dec-2025 13:24	09-Dec-2025 13:21	09-Dec-2025 13:11	09-Dec-2025 12:51	----
Compound	CAS Number	LOR	Unit		EP2520734-006	EP2520734-007	EP2520734-008	EP2520734-009	-----
					Result	Result	Result	Result	----
MW006: Faecal Coliforms & E.coli by MF									
Thermotolerant Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	----
Escherichia coli	----	1	CFU/100mL		<1	<1	<1	<1	----
MW007: Coliforms by MF									
Coliforms	----	1	CFU/100mL		<1	<1	<1	<1	----