

## CERTIFICATE OF ANALYSIS

**Work Order** : **EP2300314**  
**Client** : **GASCOYNE WATER COOPERATIVE LTD**  
**Contact** : Peter Butler  
**Address** : 50 BOUNDARY ROAD PO BOX 5  
                   CARNARVON WESTERN AUSTRALIA, AUSTRALIA 6701  
**Telephone** : ----  
**Project** : ANNUAL SAMPLING 2023  
**Order number** : PO1182  
**C-O-C number** : ----  
**Sampler** : Kylie Chaplin  
**Site** : Annual Groundwater  
**Quote number** : EP/983/22  
**No. of samples received** : 5  
**No. of samples analysed** : 5

**Page** : 1 of 2  
**Laboratory** : Environmental Division Perth  
**Contact** : Customer Services EP  
**Address** : 26 Rigali Way Wangara WA Australia 6065  
**Telephone** : +61-8-9406 1301  
**Date Samples Received** : 12-Jan-2023 10:45  
**Date Analysis Commenced** : 12-Jan-2023  
**Issue Date** : 19-Jan-2023 05:12



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.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Jasmine Myintaye	Lab 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. In house developed procedures are fully validated and are often at the client request.

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.
- 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		B 2/10	B 3/10	B 18/10	B 20/10	B 21/10
				Sampling date / time		11-Jan-2023 00:00	11-Jan-2023 00:00	11-Jan-2023 00:00	11-Jan-2023 00:00	11-Jan-2023 00:00
Compound	CAS Number	LOR	Unit	EP2300314-001	EP2300314-002	EP2300314-003	EP2300314-004	EP2300314-005		
				Result	Result	Result	Result	Result		
<b>MW006: Faecal Coliforms &amp; E.coli by MF</b>										
Faecal Coliforms	----	1	CFU/100mL	<1	53	<1	~1	<1		
Escherichia coli	----	1	CFU/100mL	<1	<1	<1	<1	<1		
<b>MW007: Coliforms by MF</b>										
Coliforms	----	1	CFU/100mL	~1	54	~1	~2	~3		