

Water - Certificate of Analysis - E25-00-6075

Client:	Richmond Valley Council	Laboratory:	Environmental Analysis Laboratory
Contact:	Lab Results	Contact:	EAL Customer Service Team
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Customer reference:	RVC Casino Consumer Monthly	Request ID:	EAL/E25-00-6075
Number of samples:	3	Report ID:	E25-00-6075_EALP3_1
Date samples received:	03 June 2025	Issue date:	23 June 2025

Authorised by:	Alex Smith
Position:	Senior Technical Officer



Comments: EAL is a NATA accredited laboratory (14960), accredited for compliance with ISO/IEC 17025 - Testing.

Certificate of Analysis

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Client Sample ID:				Walker St	Sheppard St	North Reservoir
Sample Date:				3 June 2025	3 June 2025	3 June 2025
Sample Time:				10:30am	10:45am	11:00am
Sampled By:				MW	MW	MW
EAL Sample ID:				E25-00-6075-0001	E25-00-6075-0002	E25-00-6075-0003
Parameter	Unit	Method Reference	LOR	---	---	---
pH	units	** Field analysis	---	7.13	6.86	7.07
Turbidity	NTU	** Field analysis	<0.1	0.16	0.21	0.14
Chlorine (Total)	mg/L	** Field analysis	<0.1	1.16	1.24	1.43
Chlorine (Free)	mg/L	** Field analysis	<0.1	1.05	1.11	1.29
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.11	0.13	0.14
Temperature	Celsius	** Field analysis	---	20	22	19
Dissolved Oxygen	%	** Field analysis	---	101.0	106.0	102.0
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	663250170	663250170	663250170
Total Coliforms	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1
E.Coli	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1
Total Plate Count	cfu/ml	** Subcontracted NSW Health Pathology	<1	<1	4	4
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.016	0.024	0.028
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.210	0.005	0.006
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.008	0.009	0.006
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	0.001
Lead	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001
Zinc	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.039	0.004	0.003
Phosphate	mg/L P	APHA 4500 P-G	<0.005	0.007	0.008	0.008
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.166	0.158	0.157
Nitrite	mg/L N	APHA 4500 NO2-I	<0.005	< 0.005	< 0.005	< 0.005
Ammonia	mg/L N	APHA 4500 NH3-H	<0.005	< 0.005	< 0.005	< 0.005
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	< 5
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE284139	SE284139	SE284139
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	46	46	43
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	23	23	21
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	6.5	6.4	5.9
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	0.6	0.6	0.5
Total THM	µg/L	** Subcontracted SGS Laboratories Australia	<2	76	76	71

Notes:

- ** denotes NATA accreditation does not cover the performance of this service.
- .. denotes not requested, no data/information or no guidelines available.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (available on request or at scu.edu.au/eal).
- Analysis conducted between sample arrival date and reporting date.
- This report is not to be reproduced except in full.
- Results only relate to the item tested.

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- Analysis performed according to APHA. 2017. Standard Methods for the Examination of Water & Wastewater, 23rd Edition. Except where stated otherwise.
- Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
- 1:3 Nitric/HCl digest analysed in accordance with APHA 3125 ICPMS.
- mg/L = ppm