

### Certificate of Analysis E25-00-2457

Client:	Richmond Valley Council	Laboratory:	Environmental Analysis Laboratory
Contact:	Allison Hawthorne	Contact:	EAL Customer Service Team
Address:	Locked Bag 10, CASINO, NSW 2470, Australia	Address:	Military Road, East Lismore NSW 2480, Australia
Telephone:	02 6660 0341	Telephone:	(02) 6620 3678
Email:	allison.hawthorne@richmondvalley.nsw.gov.au	Email:	eal@scu.edu.au

Customer reference:	RVC Casino Consumer Monthly	Request ID:	EAL/E25-00-2457
Number of samples:	3	Report ID:	E25-00-2457_EALP3_1
Date samples received:	05 March 2025	Issue date:	24 March 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

Request ID: EAL/E25-00-2457 Report ID: E25-00-2457\_EALP3\_1 Issue date: 24 March 2025

Client Sample ID:				Walker St	Sextonville Rd	North Reservoir
Sample Date:				4 March 2025	4 March 2025	4 March 2025
Sample Time:				12:10	11:55	12:30
Sampled By:				MW	MW	MW
Your Client:				Richmond Valley Council	Richmond Valley Council	Richmond Valley Council
EAL Sample ID:				E25-00-2457-0001	E25-00-2457-0002	E25-00-2457-0003
Parameter	Unit	Method Reference	LOR	---	---	---
pH	units	** Field analysis	---	7.28	7.20	7.17
Turbidity	NTU	** Field analysis	<0.1	0.21	0.37	0.17
Chlorine (Total)	mg/L	** Field analysis	<0.1	1.36	0.97	1.50
Chlorine (Free)	mg/L	** Field analysis	<0.1	1.20	0.83	1.34
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.16	0.14	0.16
Temperature	Celsius	** Field analysis	---	27	29	27
Dissolved Oxygen	%	** Field analysis	---	98.0	101.0	99.0
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	478263389	478263389	478263389
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	11	>200
Silver	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.032	0.043	0.036
Arsenic	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001
Cadmium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001
Chromium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.035	0.002	0.007
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	< 0.005	0.008	< 0.005
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	0.010	< 0.001
Nickel	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
Selenium	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	0.016	0.007	0.007
Mercury	mg/L	Total Available - APHA 3125 ICPMS	<0.0005	< 0.0005	< 0.0005	< 0.0005
Phosphate	mg/L P	APHA 4500 P-G	<0.005	0.015	0.015	0.015
NOx	mg/L N	APHA 4500 NO3-F	---	0.0110	0.0310	0.00600
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.008	0.029	0.006
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	0.010	< 0.005	0.014
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	< 5
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE279625	SE279625	SE279625
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	44	73	31
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	27	34	21
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	9	9.3	7.8
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	0.9	0.8	0.9

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Parameter	Unit	Method Reference	LOR	---	---	---
Total THM	µg/L	** Subcontracted SGS Laboratories Australia	<2	81	120	61

### 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.
- 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