

### Certificate of Analysis E25-00-0385

<b>Client:</b>	Richmond Valley Council	<b>Laboratory:</b>	Environmental Analysis Laboratory
<b>Contact:</b>	Lab Results	<b>Contact:</b>	EAL Customer Service Team
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<b>Customer reference:</b>	RVC Casino Consumer Monthly	<b>Request ID:</b>	EAL/E25-00-0385
<b>Number of samples:</b>	3	<b>Report ID:</b>	E25-00-0385_EALP3_1
<b>Date samples received:</b>	15 January 2025	<b>Issue date:</b>	31 January 2025

<b>Authorised by:</b>	Alex Smith
<b>Position:</b>	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:	14 January 2025	14 January 2025	14 January 2025
				Sample Time:	11:50	12:00	12:05
				Sampled By:	MW	MW	MW
				Your Client:	Richmond Valley Council	Richmond Valley Council	Richmond Valley Council
				EAL Sample ID:	E25-00-0385-0001	E25-00-0385-0002	E25-00-0385-0003
Parameter	Unit	Method Reference	LOR	---	---	---	---
pH	units	** Field analysis	---	7.17	7.31	7.35	7.35
Turbidity	NTU	** Field analysis	<0.1	0.17	0.27	0.20	0.20
Chlorine (Total)	mg/L	** Field analysis	<0.1	0.86	0.85	1.19	1.19
Chlorine (Free)	mg/L	** Field analysis	<0.1	0.67	0.65	0.91	0.91
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.19	0.20	0.28	0.28
Temperature	Celsius	** Field analysis	---	29	28	27	27
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	475933339	475933339	475933339	475933339
Total Coliforms	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1
E.Coli	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1
Total Plate Count	cfu/ml	** Subcontracted NSW Health Pathology	<1	8	2	1	1
Silver	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.024	0.028	0.029	0.029
Arsenic	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chromium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.088	0.006	0.007	0.007
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.008	0.006	0.008	0.008
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.002	0.001	0.003	0.003
Lead	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Selenium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001
Zinc	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.015	0.008	0.008	0.008
Mercury	mg/L	Total Available - APHA 3125 ICPMS	<0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Phosphate	mg/L P	APHA 4500 P-G	<0.005	0.011	0.011	0.012	0.012
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.031	0.039	0.041	0.041
Nitrite	mg/L N	APHA 4500 NO2-I	<0.005	0.007	< 0.005	< 0.005	< 0.005
Ammonia	mg/L N	APHA 4500 NH3-H	<0.005	0.007	< 0.005	< 0.005	< 0.005
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	< 5	< 5
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE276896	SE276896	SE276896	SE276896
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	34	<0.5	42	42
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	24	<0.5	27	27
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	11	<0.5	11	11
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	1.2	<0.5	1	1
Total THM	µg/L	** Subcontracted SGS Laboratories Australia	<2	71	<2	81	81
Dissolved Oxygen	%	** APHA 4500-O-G (Onsite method preferable)	<1	100.00	99.00	99.00	99.00

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### 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](http://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