

Certificate of Analysis E24-00-0093

Client:	Richmond Valley Council	Laboratory:	Environmental Analysis Laboratory
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Customer reference:	RVC Raw & Finished Weekly 22/10/2024	Request ID:	EAL/E24-00-0093
Number of samples:	2	Report ID:	E24-00-0093_RCOAP1_1
Date samples received:	24 October 2024	Issue date:	11 November 2024

Authorised by:	Alex Smith
Position:	Senior Technical Officer



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

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				Client Sample ID:	RVC Raw	RVC Finished
				Sample Date:	22 October 2024	22 October 2024
				Sample Time:	8:20am	10:05am
				Sampled By:	CC	AH
				Your Client:	RVC	RVC
				EAL Sample ID:	E24-00-0093-0001	E24-00-0093-0002
Parameter	Unit	Method Reference	LOR	---	---	---
pH	---	APHA 4500-H+ B	---	7.68	7.25	
Electrical Conductivity	dS/m	APHA 2510-B	<0.01	0.249	0.338	
Total Dissolved Salts (Calculation EC x 680)	mg/L	APHA 2510-B	<7	169	230	
Total Suspended Solids	mg/L	GFC equiv. filter - APHA 2540-D	<1	34	< 1	
True Colour	PtCo	** APHA 2120	<5	24	6	
Apparent Colour	PtCo	** APHA 2120	<5	283	12	
Water Hardness	mg/L CaCO3 equivalent	** Calculation using Ca and Mg	<1	88	84	
Total Plate Count	cfu/ml	** Inhouse	<1	330	1	
Total Coliforms	cfu/100 mL	APHA 9222-B	<1	17800	10	
E.Coli	cfu/100 mL	ColiBlue Membrane Filtration	<1	240	10	
Total Organic Carbon	mg/L	** APHA 5310-B	<0.1	4.63	1.83	
Calcium	mg/L	Dissolved - APHA 3125 ICPMS	<0.5	18.1	17.3	
Magnesium	mg/L	Dissolved - APHA 3125 ICPMS	<0.5	10.4	9.97	
Aluminium	mg/L	Dissolved - APHA 3125 ICPMS	<0.005	0.052	0.020	
Iron	mg/L	Dissolved - APHA 3125 ICPMS	<0.005	0.181	0.010	
Manganese	mg/L	Dissolved - APHA 3125 ICPMS	<0.001	0.037	0.002	
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.402	0.040	
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	1.18	0.035	
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.168	0.005	
Total Alkalinity	mg CaCO3/L	** APHA 2320	<1	91	79	