

Certificate of Analysis E24-00-0802

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:	PO Box 157, 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 Mid-Richmond Consumer Quarterly	Request ID:	EAL/E24-00-0802
Number of samples:	10	Report ID:	E24-00-0802_EALP3_2
Date samples received:	11 November 2024	Issue date:	05 December 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.

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Woodburn Park	Rileys Comm. Centre	Broadwater Comm. Centre	Evans School	Evans High Zone
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	7:35am	7:55am	8:05am	8:35am	8:55am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0001	E24-00-0802-0002	E24-00-0802-0003	E24-00-0802-0004	E24-00-0802-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
pH	units	** Field analysis	---	7.27	7.20	7.45	7.41	7.28	
Turbidity	NTU	** Field analysis	<0.1	0.22	0.21	0.21	0.23	0.19	
Chlorine (Total)	mg/L	** Field analysis	<0.1	0.87	0.91	0.94	0.89	0.51	
Chlorine (Free)	mg/L	** Field analysis	<0.1	0.65	0.75	0.74	0.69	0.29	
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.22	0.16	0.20	0.20	0.22	
Temperature	Celsius	** Field analysis	---	23	23	23	24	23	
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	442119865	442119865	442119865	442119865	442119865	
Total Coliforms	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1	<1	
E.Coli	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1	<1	
Total Plate Count	cfu/ml	** Subcontracted NSW Health Pathology	<1	2	3	1	<1	2	
Sodium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	11.7	12.1	12.3	12.2	12.1	
Potassium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	1.45	1.54	1.51	1.56	1.56	
Calcium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	23.9	24.5	25.1	26.5	25.4	
Magnesium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	0.670	0.759	0.815	0.683	0.670	
Chloride	mg/L	Total Available - APHA 3125 ICPMS	<10	10.0	10.3	< 10	< 10	< 10	
Sulfate	mg/L SO4	Total Available - APHA 3125 ICPMS	<9	9.54	12.8	< 9	10.0	11.4	
Chloride/Sulfate Ratio	---	Total Available - APHA 3125 ICPMS	---	1.1	0.8	n.a.	n.a.	n.a.	
Silver	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.010	0.009	0.016	0.009	0.015	
Arsenic	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 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	< 0.001	
Chromium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.023	0.029	0.054	0.023	0.003	
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005	
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Nickel	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Lead	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 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	< 0.001	
Zinc	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.008	0.008	0.011	0.007	0.006	
Mercury	mg/L	Total Available - APHA 3125 ICPMS	<0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Phosphate	mg/L P	APHA 4500 P-G	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.149	0.153	0.155	0.155	0.147	
Nitrite	mg/L N	APHA 4500 NO2-I	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Ammonia	mg/L N	APHA 4500 NH3-H	<0.005	< 0.005	0.006	< 0.005	< 0.005	< 0.005	
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	< 5	< 5	< 5	

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Woodburn Park	Rileys Comm. Centre	Broadwater Comm. Centre	Evans School	Evans High Zone
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	7:35am	7:55am	8:05am	8:35am	8:55am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0001	E24-00-0802-0002	E24-00-0802-0003	E24-00-0802-0004	E24-00-0802-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE274082	SE274082	SE274082	SE274082	SE274082	SE274082
Dichlorodifluoromethane (CFC-12)	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Chloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Vinyl chloride (Chloroethene)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Trichlorofluoromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1	<1	<1	<1	<1
Iodomethane	µg/L	** Subcontracted SGS Laboratories Australia	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichloromethane (Methylene chloride)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	<5	<5	<5	<5	<5	<5
Allyl chloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<2	<2	<2	<2	<2	<2
trans-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	28	24	20	28	37	
2,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,2-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,1,1-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,1-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
Carbon tetrachloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
Dibromomethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
Trichloroethene (Trichloroethylene -TCE)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	<0.5	<0.5	<0.5	
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	5.7	5	4.1	6.6	7.9	
cis-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
trans-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,1,2-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
1,3-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	2.5	2.1	2.2	3.1	3.1	
1,2-dibromoethane (EDB)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Woodburn Park	Rileys Comm. Centre	Broadwater Comm. Centre	Evans School	Evans High Zone
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	7:35am	7:55am	8:05am	8:35am	8:55am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0001	E24-00-0802-0002	E24-00-0802-0003	E24-00-0802-0004	E24-00-0802-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
Tetrachloroethene (PerchloroethylenePCE)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-trichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,4-dichloro-2-butene	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-dibromo-3-chloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Chlorinated Hydrocarbons VIC EPA	µg/L	** Subcontracted SGS Laboratories Australia	---	36	32	26	38	48	
Electrical Conductivity	dS/m	APHA 2510-B	<0.01	0.150	0.150	0.150	0.155	0.155	
Total Dissolved Salts (Calculation EC x 680)	mg/L	APHA 2510-B	<7	102	102	102	105	105	
Total Alkalinity	mg CaCO ₃ /L	** APHA 2320	<1	63	65	62	65	64	
Water Hardness	mg/L CaCO ₃ equivalent	** Calculation using Ca and Mg	<1	63	64	66	69	66	
Sodium Absorption Ratio	---	** Calculation	---	0.64	0.65	0.66	0.64	0.64	
Dissolved Sulfide	mg/L	** APHA 4500-S2-F (Filtered)	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	

				Client Sample ID:	Coraki Park	Box Ridge	Walker St.	Nth Res	Depot
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	10:50am	11:05am	11:35am	11:50am	12:25am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0006	E24-00-0802-0007	E24-00-0802-0008	E24-00-0802-0009	E24-00-0802-0010
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
pH	units	** Field analysis	---	7.22	7.11	7.14	7.15	7.17	

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Coraki Park	Box Ridge	Walker St.	Nth Res	Depot
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	10:50am	11:05am	11:35am	11:50am	12:25am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0006	E24-00-0802-0007	E24-00-0802-0008	E24-00-0802-0009	E24-00-0802-0010
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
Turbidity	NTU	** Field analysis	<0.1	0.28	0.24	0.19	0.23	0.26	
Chlorine (Total)	mg/L	** Field analysis	<0.1	0.74	0.60	1.18	1.29	0.86	
Chlorine (Free)	mg/L	** Field analysis	<0.1	0.53	0.48	0.89	1.02	0.63	
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.21	0.12	0.29	0.27	0.23	
Temperature	Celsius	** Field analysis	---	26	26	26	25	26	
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	442119865	442119865	442119865	442119865	442119865	
Total Coliforms	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1	<1	
E.Coli	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1	<1	<1	<1	
Total Plate Count	cfu/ml	** Subcontracted NSW Health Pathology	<1	5	3	1	1	8	
Sodium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	12.3	12.0	37.4	38.5	37.5	
Potassium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	1.57	1.60	1.98	2.01	1.97	
Calcium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	24.3	23.8	21.6	21.7	21.2	
Magnesium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	0.989	0.980	12.2	12.5	10.9	
Chloride	mg/L	Total Available - APHA 3125 ICPMS	<10	< 10	< 10	18.5	23.0	17.1	
Sulfate	mg/L SO4	Total Available - APHA 3125 ICPMS	<9	13.1	11.4	34.9	36.1	35.3	
Chloride/Sulfate Ratio	---	Total Available - APHA 3125 ICPMS	---	n.a.	n.a.	0.5	0.6	0.5	
Silver	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.006	0.011	0.023	0.023	0.025	
Arsenic	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 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	< 0.001	
Chromium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.010	0.055	0.009	0.005	0.020	
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	0.002	0.004	0.004	
Nickel	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Lead	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 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	< 0.001	
Zinc	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.008	0.011	0.009	0.004	0.005	
Mercury	mg/L	Total Available - APHA 3125 ICPMS	<0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Phosphate	mg/L P	APHA 4500 P-G	<0.005	< 0.005	< 0.005	0.006	0.006	0.006	
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.155	0.148	0.052	0.041	0.047	
Nitrite	mg/L N	APHA 4500 NO2-I	<0.005	< 0.005	0.006	< 0.005	< 0.005	0.005	
Ammonia	mg/L N	APHA 4500 NH3-H	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	< 5	< 5	< 5	

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Coraki Park	Box Ridge	Walker St.	Nth Res	Depot
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	10:50am	11:05am	11:35am	11:50am	12:25am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0006	E24-00-0802-0007	E24-00-0802-0008	E24-00-0802-0009	E24-00-0802-0010
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE274082	SE274082	SE274082	SE274082	SE274082	SE274082
Dichlorodifluoromethane (CFC-12)	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Chloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Vinyl chloride (Chloroethene)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5	<5
Trichlorofluoromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1	<1	<1	<1	<1
Iodomethane	µg/L	** Subcontracted SGS Laboratories Australia	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichloromethane (Methylene chloride)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	<5	<5	<5	<5	<5	<5
Allyl chloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<2	<2	<2	<2	<2	<2
trans-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	21	32	36	35	53	
2,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromomethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethene (Trichloroethylene -TCE)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	5.5	7.5	17	17	24	
cis-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	2.8	3.3	8.4	8.5	9.9	
1,2-dibromoethane (EDB)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

				Client Sample ID:	Coraki Park	Box Ridge	Walker St.	Nth Res	Depot
				Sample Date:	5 November 2024	5 November 2024	5 November 2024	5 November 2024	5 November 2024
				Sample Time:	10:50am	11:05am	11:35am	11:50am	12:25am
				Sampled By:	MW	MW	MW	MW	MW
				Your Client:	RVC	RVC	RVC	RVC	RVC
				EAL Sample ID:	E24-00-0802-0006	E24-00-0802-0007	E24-00-0802-0008	E24-00-0802-0009	E24-00-0802-0010
Parameter	Unit	Method Reference	LOR	---	---	---	---	---	---
Tetrachloroethene (PerchloroethylenePCE)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5	0.6	0.6	0.7	0.7
1,1,1,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-trichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,4-dichloro-2-butene	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-dibromo-3-chloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,3-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Chlorinated Hydrocarbons VIC EPA	µg/L	** Subcontracted SGS Laboratories Australia	---	29	43	61	61	87	87
Electrical Conductivity	dS/m	APHA 2510-B	<0.01	0.153	0.154	0.320	0.321	0.321	0.321
Total Dissolved Salts (Calculation EC x 680)	mg/L	APHA 2510-B	<7	104	105	218	218	218	218
Total Alkalinity	mg CaCO ₃ /L	** APHA 2320	<1	62	61	94	95	95	95
Water Hardness	mg/L CaCO ₃ equivalent	** Calculation using Ca and Mg	<1	65	63	104	106	98	98
Sodium Absorption Ratio	---	** Calculation	---	0.67	0.66	1.6	1.6	1.6	1.6
Dissolved Sulfide	mg/L	** APHA 4500-S2-F (Filtered)	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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.

Certificate of Analysis

Request ID: EAL/E24-00-0802 Report ID: E24-00-0802_EALP3_2 Issue date: 05 December 2024

- 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
- For conductivity 1 dS/m = 1 mS/cm = 1000 μ S/cm.