

Water - Certificate of Analysis - E25-00-4816

Client:	Richmond Valley Council	Laboratory:	Environmental Analysis Laboratory
Contact:	Lab Results	Contact:	EAL Customer Service Team
Address:	Locked Bag 10, CASINO, NSW 2470, Australia	Address:	Military Road, East Lismore NSW 2480, Australia
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Email:	rwresults@richmondvalley.nsw.gov.au	Email:	eal@scu.edu.au

Customer reference:	RVC Mid-Richmond Consumer Quarterly	Request ID:	EAL /E25-00-4816
Number of samples:	7	Report ID:	E25-00-4816_EALP3_1
Date samples received:	06 May 2025	Issue date:	26 May 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/E25-00-4816 Report ID: E25-00-4816_EALP3_1 Issue date: 26 May 2025

Client Sample ID:				Woodburn Park	Rileys Comm. Centre	Broadwater Comm. Centre	Evans School	Evans High Zone
Sample Date:				6 May 2025	6 May 2025	6 May 2025	6 May 2025	6 May 2025
Sample Time:				7:05 am	7:20 am	7:35 am	8:10 am	8:35 am
Sampled By:				MW	MW	MW	MW	MW
EAL Sample ID:				E25-00-4816-0001	E25-00-4816-0002	E25-00-4816-0003	E25-00-4816-0004	E25-00-4816-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---
pH	units	** Field analysis	---	7.12	7.18	7.20	7.38	7.28
Turbidity	NTU	** Field analysis	<0.1	0.34	0.25	0.20	0.26	0.21
Chlorine (Total)	mg/L	** Field analysis	<0.1	1.16	1.04	1.20	1.07	0.93
Chlorine (Free)	mg/L	** Field analysis	<0.1	0.81	0.59	1.01	0.71	0.73
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.35	0.45	0.19	0.36	0.20
Temperature	Celsius	** Field analysis	---	22	20	21	21	21
Dissolved Oxygen	%	** Field analysis	---	98.0	98.0	100.0	99.0	97.0
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	663419874	663419874	663419874	663419874	663419874
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	<1	2	1	2	<1
Sodium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	11.9	11.9	11.8	10.6	10.5
Potassium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	1.31	1.35	1.33	1.31	1.26
Calcium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	19.7	19.7	19.1	18.4	18.3
Magnesium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	0.510	0.557	0.552	< 0.5	< 0.5
Chloride	mg/L	Total Available - APHA 3125 ICPMS	<10	18.5	19.4	18.2	16.7	14.8
Sulfate	mg/L SO4	Total Available - APHA 3125 ICPMS	<9	< 9	< 9	< 9	< 9	< 9
Chloride/Sulfate Ratio	---	Total Available - APHA 3125 ICPMS	---	n.a.	n.a.	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	0.019	0.019	0.025	0.024	0.020
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	0.017	0.030	0.008	0.009	0.003
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	< 0.001	< 0.001	0.002
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	0.007	0.011	0.002	0.006	0.004
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	0.143	0.138	0.139	0.116	0.125
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	< 0.005	< 0.005	< 0.005	< 0.005
True Colour	PtCo	** APHA 2120	<5	< 5	< 5	5	< 5	< 5

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Sample Date:				6 May 2025	6 May 2025	6 May 2025	6 May 2025	6 May 2025
Sample Time:				7:05 am	7:20 am	7:35 am	8:10 am	8:35 am
Sampled By:				MW	MW	MW	MW	MW
EAL Sample ID:				E25-00-4816-0001	E25-00-4816-0002	E25-00-4816-0003	E25-00-4816-0004	E25-00-4816-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE282539	SE282539	SE282539	SE282539	SE282539
Dichlorodifluoromethane (CFC-12)	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5
Chloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<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
Chloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5	<5	<5	<5
Trichlorofluoromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1	<1	<1	<1
Iodomethane	µg/L	** Subcontracted SGS Laboratories Australia	<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
Dichloromethane (Methylene chloride)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	<5	<5	<5	<5	<5
Allyl chloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,1-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
Bromochloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	31	23	20	25	27
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	---	8.1	6.4	6.5	10	10
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	---	1.9	1.6	1.5	2.8	2.6
1,2-dibromoethane (EDB)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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

Certificate of Analysis

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Client Sample ID:				Woodburn Park	Rileys Comm. Centre	Broadwater Comm. Centre	Evans School	Evans High Zone
Sample Date:				6 May 2025	6 May 2025	6 May 2025	6 May 2025	6 May 2025
Sample Time:				7:05 am	7:20 am	7:35 am	8:10 am	8:35 am
Sampled By:				MW	MW	MW	MW	MW
EAL Sample ID:				E25-00-4816-0001	E25-00-4816-0002	E25-00-4816-0003	E25-00-4816-0004	E25-00-4816-0005
Parameter	Unit	Method Reference	LOR	---	---	---	---	---
Chlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,1,2,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
trans-1,4-dichloro-2-butene	µg/L	** Subcontracted SGS Laboratories Australia	<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
2-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,3-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,2-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,2,4-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<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
1,2,3-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Total Chlorinated Hydrocarbons VIC EPA	µg/L	** Subcontracted SGS Laboratories Australia	---	42	31	28	38	40
pH	---	APHA 4500-H+ B	---	6.41	8.01	8.19	8.30	8.33
Electrical Conductivity	dS/m	APHA 2510-B	<0.01	0.172	0.171	0.168	0.160	0.163
Total Dissolved Salts (Calculation EC x 680)	mg/L	APHA 2510-B	<7	117	116	114	109	111
Total Alkalinity	mg CaCO ₃ /L	** APHA 2320	<1	52	52	52	48	50
Water Hardness	mg/L CaCO ₃ equivalent	** Calculation using Ca and Mg	<1	51	51	50	48	47
Sodium Absorption Ratio	---	** Calculation	---	0.72	0.72	0.72	0.67	0.66
Dissolved Sulfide	mg/L	** APHA 4500-S2-F (Filtered)	<0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

Client Sample ID:				Coraki Park	Box Ridge
Sample Date:				6 May 2025	6 May 2025
Sample Time:				9:45 am	10:00 am
Sampled By:				MW	MW
EAL Sample ID:				E25-00-4816-0006	E25-00-4816-0007
Parameter	Unit	Method Reference	LOR	---	---
pH	units	** Field analysis	---	7.12	7.20
Turbidity	NTU	** Field analysis	<0.1	0.20	0.16
Chlorine (Total)	mg/L	** Field analysis	<0.1	1.12	1.04
Chlorine (Free)	mg/L	** Field analysis	<0.1	0.75	0.82
Chlorine (Residual)	mg/L	** Field analysis	<0.1	0.37	0.22
Temperature	Celsius	** Field analysis	---	23	22

Certificate of Analysis

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Sample Date:				6 May 2025	6 May 2025
Sample Time:				9:45 am	10:00 am
Sampled By:				MW	MW
EAL Sample ID:				E25-00-4816-0006	E25-00-4816-0007
Parameter	Unit	Method Reference	LOR	---	---
Dissolved Oxygen	%	** Field analysis	---	99.0	99.0
NSW Health Pathology Report No.	---	** Subcontracted NSW Health Pathology	---	663419874	663419874
Total Coliforms	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1
E.Coli	cfu/100 mL	** Subcontracted NSW Health Pathology	<1	<1	<1
Total Plate Count	cfu/ml	** Subcontracted NSW Health Pathology	<1	1	<1
Sodium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	10.7	10.7
Potassium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	1.28	1.27
Calcium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	17.1	16.8
Magnesium	mg/L	Total Available - APHA 3125 ICPMS	<0.5	0.699	0.678
Chloride	mg/L	Total Available - APHA 3125 ICPMS	<10	14.2	14.8
Sulfate	mg/L SO4	Total Available - APHA 3125 ICPMS	<9	< 9	< 9
Chloride/Sulfate Ratio	---	Total Available - APHA 3125 ICPMS	---	n.a.	n.a.
Silver	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Aluminium	mg/L	Total Available - APHA 3125 ICPMS	<0.005	0.011	0.011
Arsenic	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Cadmium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Chromium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Copper	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.012	0.027
Iron	mg/L	Total Available - APHA 3125 ICPMS	<0.005	< 0.005	< 0.005
Manganese	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Nickel	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Lead	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Selenium	mg/L	Total Available - APHA 3125 ICPMS	<0.001	< 0.001	< 0.001
Zinc	mg/L	Total Available - APHA 3125 ICPMS	<0.001	0.008	0.005
Mercury	mg/L	Total Available - APHA 3125 ICPMS	<0.0005	< 0.0005	< 0.0005
Phosphate	mg/L P	APHA 4500 P-G	<0.005	< 0.005	< 0.005
Nitrate	mg/L N	APHA 4500 NO3-F	<0.005	0.118	0.114
Nitrite	mg/L N	APHA 4500 NO2-I	<0.005	< 0.005	< 0.005
Ammonia	mg/L N	APHA 4500 NH3-H	<0.005	< 0.005	< 0.005
True Colour	PtCo	** APHA 2120	<5	< 5	< 5
SGS Report No.	---	** Subcontracted SGS Laboratories Australia	---	SE282539	SE282539
Dichlorodifluoromethane (CFC-12)	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5
Chloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5

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Sample Time:				9:45 am	10:00 am
Sampled By:				MW	MW
EAL Sample ID:				E25-00-4816-0006	E25-00-4816-0007
Parameter	Unit	Method Reference	LOR	---	---
Vinyl chloride (Chloroethene)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3
Chloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<5	<5
Trichlorofluoromethane	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1
Iodomethane	µg/L	** Subcontracted SGS Laboratories Australia	<5	<5	<5
1,1-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Dichloromethane (Methylene chloride)	µg/L	** Subcontracted SGS Laboratories Australia	<0.5	<5	<5
Allyl chloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<2	<2
trans-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,1-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
cis-1,2-dichloroethene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Bromochloromethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Chloroform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	26	28
2,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,2-dichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,1,1-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,1-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Carbon tetrachloride	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Dibromomethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,2-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Trichloroethene (Trichloroethylene -TCE)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5
Bromodichloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	10	10
cis-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
trans-1,3-dichloropropene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,1,2-trichloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,3-dichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Dibromochloromethane (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	2.8	2.5
1,2-dibromoethane (EDB)	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,1,1,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Chlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Bromoform (THM)	µg/L	** Subcontracted SGS Laboratories Australia	---	<0.5	<0.5
1,1,2,2-tetrachloroethane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5

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Sample Time:				9:45 am	10:00 am
Sampled By:				MW	MW
EAL Sample ID:				E25-00-4816-0006	E25-00-4816-0007
Parameter	Unit	Method Reference	LOR	---	---
1,2,3-trichloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
trans-1,4-dichloro-2-butene	µg/L	** Subcontracted SGS Laboratories Australia	<1	<1	<1
Bromobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
2-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
4-chlorotoluene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,3-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,4-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.3	<0.3
1,2-dichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,2-dibromo-3-chloropropane	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,2,4-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Hexachlorobutadiene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
1,2,3-trichlorobenzene	µg/L	** Subcontracted SGS Laboratories Australia	<0.1	<0.5	<0.5
Total Chlorinated Hydrocarbons VIC EPA	µg/L	** Subcontracted SGS Laboratories Australia	---	39	41
pH	---	APHA 4500-H+ B	---	7.88	7.85
Electrical Conductivity	dS/m	APHA 2510-B	<0.01	0.155	0.155
Total Dissolved Salts (Calculation EC x 680)	mg/L	APHA 2510-B	<7	105	105
Total Alkalinity	mg CaCO ₃ /L	** APHA 2320	<1	46	46
Water Hardness	mg/L CaCO ₃ equivalent	** Calculation using Ca and Mg	<1	46	45
Sodium Absorption Ratio	---	** Calculation	---	0.69	0.70
Dissolved Sulfide	mg/L	** APHA 4500-S2-F (Filtered)	<0.005	< 0.005	< 0.005

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