WATER MONITORING DISCHARGE - EPA POINT No. 4 (ADIT)

		January		February		March		April		May		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit	7.7	7.7	7.48	7.48	7.32		7.34		7.54		6.5 to 8.5 units
Conductivity	µS/cm	1940	1940	2170	2170	2100		2010		1850		125 - 2200[b]
TSS	mg/L	6	6	<5	<5	6		<5		10		<50
Aluminium	mg/L	0.14	<0.01	0.04	<0.01	0.08	<0.01	0.07	<0.01	0.07	<0.01	0.2
Ammonia as N	mg/L	<0.01	<0.01	<0.01	<0.01	0.03		<0.01			0.02	0.01
Antimony	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L	0.003	<0.001	0.002	0.001	0.001	0.001	<0.001	<0.001	<0.001	0.002	0.05
Barium	mg/L	0.031	0.028	0.029	0.029	0.027	0.029	0.028	0.026	0.032	0.028	1
Beryllium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L	0.18	0.17	0.22	0.18	0.19	0.23	0.2	0.18	0.17	0.15	1
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.005
Calcium	mg/L	47	46	48	46	45	45	46	46	44	41	1000[c]
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	<0.001	<0.001	<0.001	0.05
Cobalt	mg/L	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	1000
Copper	mg/L	<0.001	0.001	0.001	<0.001	0.001	0.001	<0.001	<0.001	0.015	<0.001	1
Iron	mg/L	0.33	<0.05	0.32	<0.05	0.29	<0.05		<0.05	0.42	<0.05	0.3
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L	0.038	0.037	0.042	0.044	0.036	0.036	0.04	0.036	0.039	0.038	0.075[d]
Magnesium	mg/L	46	54	55	51	56	55	52	54	45	43	NA
Manganese	mg/L	0.223	0.217	0.234	0.237	0.194	0.203	0.161	0.159	0.269	0.244	0.1
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.002	0.15[c]
Nickel	mg/L	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.1
Phosphorous as P	mg/L	0.02	0.02			<0.01		0.02		<0.01		NA
Potassium	mg/L	8	9	9	8	10	9	9	11	8	7	NA
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L	16.7	14.8	14.5	14.8	15	15.4	16	15	15.7	14.9	NA
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L	75	85	80	80	84	75	85	72	66	62	NA
Strontium												
Tin	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Titanium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Zinc	mg/L	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	0.006	0.009	0.005	5

Indicates results that varied between filtered and unfiltered samples

ND = Not Determined

NA = Not Applicable

[a] Based on ANZECC Guidelines for Fresh and Marine Water Quality - Recreational Water Quality (ANZECC 2000) except where indicated

[b] Based on ANZECC Guidelines slightly disturbed lowland river ecosystems in south-east Australia (ANZECC 2000)

[c] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Livestock Water Quality (ANZECC 2000)

[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

WATER MONITORING DISCHARGE - EPA POINT No. 4 (ADIT)

		June		July		Aug		Aug		Aug		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit	7.79		7.41		7.56		7.54		7.59		6.5 to 8.5 units
Conductivity	µS/cm	1860		1910		2000		1890		1840		125 - 2200[b]
TSS	mg/L	6		<5		35		6		<5		<50
Oil & Grease						<5		<5		<5		
Aluminium	mg/L	0.07	<0.01	0.01	<0.01	0.27	<0.01	0.10	<0.01	0.03	<0.01	0.2
Ammonia as N	mg/L	<0.01		0.03		0.05		<0.01		<0.01		0.01
Antimony	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L	0.002	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.05
Barium	mg/L	0.028	0.026	0.034	0.031	0.029	0.025	0.025	0.025	0.028	0.028	1
Beryllium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L	0.14	0.13	0.17	0.17	0.16	0.14	0.16	0.15	0.15	0.14	1
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.005
Calcium	mg/L	40	41	46	45	44	40	44	41		38	1000[c]
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	0.05
Cobalt	mg/L	<0.001	<0.001	<0.001	0.001	0.002	0.001	<0.001	<0.001	<0.001	<0.001	1000
Copper	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1
Iron	mg/L	0.26	<0.05	0.16	0.08	0.73	<0.05	0.27	<0.05	0.14	<0.05	0.3
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L	0.035	<0.012	0.036	0.039	0.034	0.031	0.034	0.033	0.039	0.036	0.075[d]
Magnesium	mg/L	46	45	47	48	50	49	51	48	45	42	NA
Manganese	mg/L	0.252	0.090	0.273	0.274	0.285	0.21	0.177	0.0164	0.214	0.207	0.1
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L	0.002	0.002	0.003	0.002	0.002	0.002	0.002	<0.001	0.003	0.002	0.15[c]
Nickel	mg/L	0.004	0.004	0.002	0.007	0.006	0.005	0.004	0.004	0.005	0.004	0.1
Phosphorous as P	mg/L	<0.01		<0.01		0.06		0.02		<0.01		NA
Potassium	mg/L	7	7	8	7	8	8	8	8		6	NA
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L	15	15.1	15.5	15.7	16.4	14.3	12.0	15.3	14.6	14.3	NA
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L	68	65	65	68	69	70	68	69	61	54	NA
Strontium				0.679	0.0648	0.575	0.541	0.54	0.558			
Tin	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Titanium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Zinc	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	5

Indicates results that varied between filtered and unfiltered samples

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[b] Based on ANZECC Guidelines slightly disturbed lowland river ecosystems in south-east Australia (ANZECC 2000)

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[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

WATER MONITORING DISCHARGE - EPA POINT No. 4 (ADIT)

		September		October		November		December		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit	7.4		7.6		7.13		7.63		6.5 to 8.5 units
Conductivity	µS/cm	1640		1780		1820		1870		125 - 2200[b]
TSS	mg/L	8		<5		<5		6		<50
Oil & Grease		<5		<5		<5		<5		
Aluminium	mg/L	0.15	<0.01	0.02	<0.01	0.04	<0.01	0.14	0.02	0.2
Ammonia as N	mg/L		<0.01		<0.01	0.02				0.01
Antimony	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L	0.002	0.001	<0.001	0.001	0.002	0.002	0.001	<0.001	0.05
Barium	mg/L	0.027	0.027	0.030	0.029	0.028	0.027	0.030	0.029	1
Beryllium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L	0.13	0.13	0.12	0.14	0.17	0.16	0.17	0.18	1
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.005
Calcium	mg/L	36	34			41				1000[c]
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.05
Cobalt	mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.001	<0.001	1000
Copper	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1
Iron	mg/L	0.5	0.08	0.11	<0.05	0.29	0.08	0.29	<0.05	0.3
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L	0.038	0.036	0.038	0.036	0.037	0.036	0.036	0.040	0.075[d]
Magnesium	mg/L	39	36	45	44	46	40			NA
Manganese	mg/L	0.231	0.229	0.162	0.159	0.229	0.223	0.221	0.215	0.1
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L	0.003	0.002			0.003	0.003	0.003	0.003	0.15[c]
Nickel	mg/L	0.004	0.005			0.004	0.004	0.005	0.005	0.1
Phosphorous as P	mg/L	<0.01				0.05		<0.01		NA
Potassium	mg/L	6	6			8				NA
Selenium	mg/L	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L	14.7	14			14.8	14.3			NA
Silver	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L	56	53			68	67			NA
Tin	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	NA
Titanium	mg/L	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	NA
Zinc	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	5

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[c] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Livestock Water Quality (ANZECC 2000)

[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

WATER MONITORING DISCHARGE - EPA POINT No. 5 (DAM B)

		January		February		March		April		May		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit					7.5		7.9		7.5		6.5 to 8.5 units
Conductivity	µS/cm	NO DISCHARGE		NO DISCHARGE		1490		834		1150		125 - 2200[b]
TSS	mg/L					<5		19		10		<50
Aluminium	mg/L					<0.01	<0.01	0.86	0.01	0.48	<0.01	0.2
Ammonia as N	mg/L					<0.001	<0.001	<0.01		0.02		0.01
Antimony	mg/L							<0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L					0.002	0.002	0.003	0.002	0.001	<0.001	0.05
Barium	mg/L					0.033	0.031	0.025	0.020	0.032	0.028	1
Beryllium	mg/L						<0.001	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L					0.14	0.18	0.06	0.07	0.11	0.10	1
Cadmium	mg/L					0.0001	0.0001	<0.001	<0.001	<0.0001	<0.0001	0.005
Calcium	mg/L							24	21	31	26	1000[c]
Chromium	mg/L					<0.001	<0.001	0.004	<0.001	0.001	<0.001	0.05
Cobalt	mg/L					0.010	0.009	<0.001	<0.001	0.002	<0.001	1000
Copper	mg/L					0.001	0.001	0.002	0.001	0.002	<0.001	1
Iron	mg/L					0.29	0.06	0.92	<0.05	0.78	<0.05	0.3
Lead	mg/L					<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L					0.028	0.026	0.013	0.012	0.014	0.013	0.075[d]
Magnesium	mg/L					48	48	25	23	32	29	NA
Manganese	mg/L					1.80	1.67	0.051	0.024	0.255	0.231	0.1
Mercury	mg/L					<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L					0.003	0.002	0.006	0.005	0.002	0.002	0.15[c]
Nickel	mg/L							0.004	0.003	0.006	0.004	0.1
Phosphorous as P	mg/L							0.05		0.07		NA
Potassium	mg/L							6	7	6	6	NA
Selenium	mg/L							<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L							11.4	7.4	18.5	15.2	NA
Silver	mg/L							<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L							49	39	54	47	NA
Strontium	mg/L							<0.001	<0.001	<0.001	<0.001	
Tin	mg/L							<0.01	<0.01	0.01	<0.01	NA
Titanium	mg/L							<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L							0.006	<0.005	0.007	<0.005	NA
Zinc	mg/L							0.006	0.006	0.009	0.005	5

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[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

WATER MONITORING DISCHARGE - EPA POINT No. 5 (DAM B)

		June		July		Aug		Sept		Oct		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit	8.01		8.06		8.0		7.8		7.6		6.5 to 8.5 units
Conductivity	µS/cm	1120		1910		1530		1090		1280		125 - 2200[b]
TSS	mg/L	<5		<5		<5		<5		<5		<50
Oil & Grease						<5		<5		<5		
Aluminium	mg/L	0.19	<0.01	6.46	0.96	0.05	<0.01	0.22	0.01	0.07	<0.01	0.2
Ammonia as N	mg/L	<0.01		<0.01		0.03		<0.01		<0.01		0.01
Antimony	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	0.003	0.002	0.002	0.001	0.05
Barium	mg/L	0.030	0.028	0.066	0.017	0.029	0.026	0.028	0.025	0.025	0.025	1
Beryllium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L	0.06	0.06	<0.05	<0.05	0.1	0.09	0.08	0.07	0.12	0.11	1
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.005
Calcium	mg/L	34	30	44	42	37	34	31	29	32	32	1000[c]
Chromium	mg/L	0.001	<0.001	0.007	<0.001	0.001	<0.001		<0.001	<0.001	<0.001	0.05
Cobalt	mg/L	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	1000
Copper	mg/L	0.001	0.001	0.005	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	1
Iron	mg/L	0.26	<0.05	7.28	1.06	0.19	<0.05	0.34	<0.05	0.48	0.09	0.3
Lead	mg/L	<0.001	<0.001	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L	0.012	0.011	0.002	<0.001	0.016	0.016	0.016	0.013	0.013	0.015	0.075[d]
Magnesium	mg/L	35	32	51	49	41	42	33	32	37	39	NA
Manganese	mg/L	0.097	0.090	0.094	0.008	0.029	0.019	0.116	0.111	0.341	0.326	0.1
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L	0.002	0.002	<0.001	<0.001	0.004	0.002	0.004	0.003	0.002	0.002	0.15[c]
Nickel	mg/L	0.003	0.002	0.006	0.005	0.005	0.004	0.005	0.004	0.004	0.003	0.1
Phosphorous as P	mg/L	0.03		<0.01		0.05		<0.01		0.02		NA
Potassium	mg/L	6	6	11	11	6	7	5	5	7	7	NA
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L	11.4	15.2	14.0	13.0	10.2	9.8	12.8	12.5	14	14.3	NA
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L	50	46	73	71	55	58	42	44	54	58	NA
Strontium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Tin	mg/L	<0.01	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Titanium	mg/L	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L	<0.005	<0.005	0.028	0.013	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	NA
Zinc	mg/L											5

Indicates results that varied between filtered and unfiltered samples

ND = Not Determined

NA = Not Applicable

[a] Based on ANZECC Guidelines for Fresh and Marine Water Quality - Recreational Water Quality (ANZECC 2000) except where indicated

[b] Based on ANZECC Guidelines slightly disturbed lowland river ecosystems in south-east Australia (ANZECC 2000)

[c] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Livestock Water Quality (ANZECC 2000)

[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

WATER MONITORING DISCHARGE - EPA POINT No. 5 (DAM B)

		Nov		Dec		Guidelines
Sample	Unit	Total (Unfiltered)	Dissolved (Filtered)	Total (Unfiltered)	Dissolved (Filtered)	
pH	ph Unit	7.25		7.7		6.5 to 8.5 units
Conductivity	µS/cm	1090		991		125 - 2200[b]
TSS	mg/L	14		6		<50
Oil & Grease	mg/L	<5		<5		
Aluminium	mg/L	0.72	<0.01	0.36	<0.01	0.2
Ammonia as N	mg/L	0.01				0.01
Antimony	mg/L	<0.001	<0.001	<0.001	<0.001	NA
Arsenic	mg/L	0.003	0.002	0.004	0.003	0.05
Barium	mg/L	0.026	0.019	0.026	0.022	1
Beryllium	mg/L	<0.001	<0.001	<0.001	<0.001	NA
Boron	mg/L	0.08	0.07	0.10	0.10	1
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	0.005
Calcium	mg/L	22				1000[c]
Chromium	mg/L	0.001	<0.001	0.001	<0.001	0.05
Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	1000
Copper	mg/L	0.002	<0.001	0.001	<0.001	1
Iron	mg/L	0.76	<0.05	0.63	0.09	0.3
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	0.05
Lithium	mg/L	0.016	0.014	0.014	0.015	0.075[d]
Magnesium	mg/L	25	23			NA
Manganese	mg/L	0.064	0.027	0.228	0.171	0.1
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/L	0.004	0.004	0.002	0.001	0.15[c]
Nickel	mg/L	0.005	0.004	0.004	0.003	0.1
Phosphorous as P	mg/L	0.04		0.02		NA
Potassium	mg/L	6				NA
Selenium	mg/L	<0.01	<0.01	<0.01	<0.01	0.01
Silicon as SiO2	mg/L	10.2	7.1			NA
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	0.05
Sulfur as S	mg/L	45	48			NA
Tin	mg/L	<0.001	<0.001	<0.001	<0.001	NA
Titanium	mg/L	<0.01	<0.01	<0.01	<0.01	NA
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	NA
Zinc	mg/L	<0.005	<0.005	<0.005	<0.005	5

Indicates results that varied between filtered and unfiltered samples

ND = Not Determined

NA = Not Applicable

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[d] Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

2014 Daily Discharge Monitoring From EPA Point No. 5

Date	Metromix Sample No.	pH	Suspended Solids (mg/L)	Electrical Conductivity (uS/cm)	Oil & Grease (mg/L)	Comments
January						No Daily Discharge
February						No Daily Discharge
March						No Daily Discharge
April	311 A	7.7	32			
May	312A	7.3	14			
	313A	7.3	15			
	314A	7.4	<5			
	315A	7.3	<5			
	316A	7.3	<5			
	317A	7.6	5			
June	318A	7.8	<5			
July	319A	8.1	<5	1900	<5	
	320A	7.6	<5	1630		
August	321A	8.1	6	1870		
	322A	7.6	6	1050		
September						No Daily Discharge
October						No Daily Discharge
November						No Daily Discharge
December						No Daily Discharge

Metromix Teralba Water Quality Monitoring 2013
EPA Point 6

Date	Metromix Sample No.	pH	Suspended Solids (mg/L)	Comments
Jan-14	No Water Discharge at EPA Point 6			
Feb-14	No Water Discharge at EPA Point 6			
Mar-14	No Water Discharge at EPA Point 6			
Apr-14	No Water Discharge at EPA Point 6			
May 14	No Water Discharge at EPA Point 6			
Jun-14	No Water Discharge at EPA Point 6			
Jul-14	No Water Discharge at EPA Point 6			
Aug-14	No Water Discharge at EPA Point 6			
Sep-14	No Water Discharge at EPA Point 6			
Oct-14	No Water Discharge at EPA Point 6			
Nov-14	No Water Discharge at EPA Point 6			
Dec-14	No Water Discharge at EPA Point 6			

Metromix Teralba Water Monitoring 2013

EPA Point 7

Date	Metromix Sample No.	pH	Suspended Solids (mg/L)	Comments
Jan-14	No Water Discharged at EPA Point 7			
Feb-14	No Water Discharged at EPA Point 7			
Mar-14	No Water Discharged at EPA Point 7			
Apr-14	No Water Discharged at EPA Point 7			
May 14	No Water Discharged at EPA Point 7			
Jun-14	No Water Discharged at EPA Point 7			
Jul-14	No Water Discharged at EPA Point 7			
Aug-14	No Water Discharged at EPA Point 7			
Sep-14	No Water Discharged at EPA Point 7			
Oct-14	No Water Discharged at EPA Point 7			
Nov-14	No Water Discharged at EPA Point 7			
Dec-14	No Water Discharged at EPA Point 7			