



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				01-Feb-2022 00:00	01-Feb-2022 00:00	01-Feb-2022 00:00	----	----	
Compound	CAS Number	LOR	Unit	CA2201484-001	CA2201484-002	CA2201484-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.72	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	<2	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	4.78	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	3.87	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	11900000	8	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	11900000	8	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	7700000	4	<1	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				10-Feb-2022 08:30	10-Feb-2022 08:30	10-Feb-2022 08:30	----	----	
Compound	CAS Number	LOR	Unit	CA2200939-001	CA2200939-002	CA2200939-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	8.06	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	3	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	4.30	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	2.61	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	16300000	<2	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	16300000	<2	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	12800000	<2	<1	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				17-Feb-2022 08:00	17-Feb-2022 08:15	17-Feb-2022 08:10	----	----	
Compound	CAS Number	LOR	Unit	CA2201165-001	CA2201165-002	CA2201165-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.95	----	----	----	----
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	21	----	----	----	----
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	----
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	----
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	----
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	2.27	----	----	----	----
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	4.89	----	----	----	----
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	11300000	9700	<1	----	----	----
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	11300000	9700	<1	----	----	----
E. coli (Confirmed)	----	1	CFU/100mL	7300000	5900	<1	----	----	----



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				24-Feb-2022 07:15	24-Feb-2022 07:00	24-Feb-2022 07:10	----	----	
Compound	CAS Number	LOR	Unit	CA2201314-001	CA2201314-002	CA2201314-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.77	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	<2	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	3.44	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	2.34	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	2100000	58	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	2100000	58	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	1100000	30	<1	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				03-Mar-2022 08:45	03-Mar-2022 08:45	03-Mar-2022 08:45	----	----	
Compound	CAS Number	LOR	Unit	CA2201553-001	CA2201553-002	CA2201553-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.99	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	6	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	4.82	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	4.70	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	12800000	38	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	12800000	38	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	2230000	16	<1	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				15-Mar-2022 09:00	15-Mar-2022 09:30	15-Mar-2022 09:00	----	----	
Compound	CAS Number	LOR	Unit	CA2201838-001	CA2201838-002	CA2201838-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.79	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	22	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	4.54	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	1.78	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	9400000	10	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	9400000	10	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	6700000	8	<1	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#2 Post UV	#3 RWT	#4 Company Dam	----	----
Sampling date / time				22-Mar-2022 08:15	22-Mar-2022 08:15	22-Mar-2022 09:00	----	----	
Compound	CAS Number	LOR	Unit	CA2202061-002	CA2202061-003	CA2202061-004	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	7.88	----	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	3	----	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	<1	----	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	<2	----	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	<0.1	----	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	4.75	----	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	0.11	----	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	2	<1	----	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	2	<1	----	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	<2	<1	----	----	----	
<b>MW024CA: Cyanophyta</b>									
Anabaena	----	1	cells/mL	----	----	0	----	----	
Anabaenopsis	----	1	cells/mL	----	----	0	----	----	
Anathece	----	1	cells/mL	----	----	0	----	----	
Aphanizomenon	----	1	cells/mL	----	----	0	----	----	
Aphanocapsa	----	1	cells/mL	----	----	0	----	----	
Aphanothece	----	1	cells/mL	----	----	0	----	----	
Chroococcus	----	1	cells/mL	----	----	0	----	----	
Chrysoosporum	----	1	cells/mL	----	----	0	----	----	
Cuspidothrix	----	1	cells/mL	----	----	0	----	----	
Cylindrospermopsis	----	1	cells/mL	----	----	0	----	----	
Dolichospermum	----	1	cells/mL	----	----	3024	----	----	
Merismopedia	----	1	cells/mL	----	----	0	----	----	
Microcystis	----	1	cells/mL	----	----	23492	----	----	
Nodularia	----	1	cells/mL	----	----	0	----	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				29-Mar-2022 08:00	29-Mar-2022 10:40	29-Mar-2022 08:00	----	----	
Compound	CAS Number	LOR	Unit	CA2202207-001	CA2202207-002	CA2202207-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.48	----	----	----	----
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	18	----	----	----	----
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	----
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	----
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	----
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	5.42	----	----	----	----
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	0.15	----	----	----	----
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	8300000	<2	<1	----	----	----
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	8300000	<2	<1	----	----	----
E. coli (Confirmed)	----	1	CFU/100mL	3800000	<2	<1	----	----	----





## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				05-Apr-2022 08:10	05-Apr-2022 08:05	05-Apr-2022 08:10	----	----	
Compound	CAS Number	LOR	Unit	CA2202373-001	CA2202373-002	CA2202373-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.91	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	3	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	9.45	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	0.05	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	11400000	<2	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	11400000	<2	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	9700000	<2	<1	----	----	

12/4/22

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 Work Order : CA2202599  
 Client : Weddin Shire Council  
 Project : Grenfell WWTP



**Analytical Results**

Sub-Matrix: WATER  
 (Matrix: WATER)

Sample ID

				#1	#2	#3	#3	---
				Head of Works	Post UV	RWT	RWT PH	---
Sampling date / time				12-Apr-2022 08:15	12-Apr-2022 08:15	12-Apr-2022 08:15	12-Apr-2022 08:15	---
Compound	CAS Number	LOR	Unit	CA2202599-001	CA2202599-002	CA2202599-003	CA2202599-004	-----
				Result	Result	Result	Result	---
<b>EA005CA: pH</b>								
pH	---	0.01	pH Unit	---	7.66	---	7.75	---
<b>EA025CA: Suspended Solids</b>								
Suspended Solids (SS)	---	2	mg/L	---	5	---	---	---
<b>EP020CA: Oil and Grease</b>								
Oil and Grease	---	1	mg/L	---	<1	---	---	---
<b>EP030CA: Biochemical Oxygen Demand</b>								
Biochemical Oxygen Demand	---	2	mg/L	---	<2	---	---	---
<b>EK055CA: Ammonia as N</b>								
Ammonia as N	7664-41-7	0.1	mg/L N	---	<0.1	---	---	---
<b>EK062CA: Total Nitrogen as N</b>								
Total Nitrogen as N	---	0.05	mg/L N	---	2.28	---	---	---
<b>EK067CA: Total Phosphorus as P</b>								
Total Phosphorus as P	---	0.01	mg/L P	---	0.04	---	---	---
<b>MW006CA: Faecal coliforms and E. coli by MF</b>								
Thermotolerant Faecal Coliforms (Presumptive)	---	1	CFU/100mL	6500000	82	<1	---	---
Thermotolerant Faecal Coliforms (Confirmed)	---	1	CFU/100mL	6500000	82	<1	---	---
E. coli (Confirmed)	---	1	CFU/100mL	6000000	46	<1	---	---



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	#3 RWT	----
Sampling date / time				19-Apr-2022 07:15	19-Apr-2022 09:20	19-Apr-2022 07:30	19-Apr-2022 07:30	----	
Compound	CAS Number	LOR	Unit	CA2202725-001	CA2202725-002	CA2202725-003	CA2202725-004	-----	
				Result	Result	Result	Result	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.94	----	----	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	27	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	<1	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	2.48	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	0.11	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	8000000	4	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	8000000	4	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	5300000	<2	<1	----	----	



## General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.  
 LOR = Limit of reporting  
 ^ = This result is computed from individual analyte detections at or above the level of reporting  
 ø = ALS is not NATA accredited for these tests.  
 ~ = Indicates an estimated value.

- For samples collected by ALS WRG, sampling was carried out in accordance with Procedure EN67
- Result for pH in water tested in the laboratory may be indicative only as holding time is generally not achievable.

## Analytical Results

Sub-Matrix: WATER  
 (Matrix: WATER)

Sample ID

				EPA Sampling Point 2 Effluent Outflow	EPA Sampling Point 3 Emu Creek Upstream	EPA Sampling Point 4 Emu Creek Holy Comp Road	EPA Sampling Point 5 Unnamed Creek Holy Comp Road	EPA Sampling Point 6 Emu Creek Downstream
Sampling date / time				[20-Apr-2022]	[20-Apr-2022]	[20-Apr-2022]	[20-Apr-2022]	[20-Apr-2022]
Compound	CAS Number	LOR	Unit	CA2202753-001	CA2202753-002	CA2202753-003	CA2202753-004	CA2202753-005
				Result	Result	Result	Result	Result
<b>EA005CA: pH</b>								
pH	----	0.01	pH Unit	7.72	6.88	6.89	7.87	7.49
<b>EA025CA: Suspended Solids</b>								
Suspended Solids (SS)	----	2	mg/L	<2	45	38	110	56
<b>EP020CA: Oil and Grease</b>								
Oil and Grease	----	1	mg/L	<1	----	----	----	----
<b>EP030CA: Biochemical Oxygen Demand</b>								
Biochemical Oxygen Demand	----	2	mg/L	<2	3	3	4	3
<b>EK062CA: Total Nitrogen as N</b>								
Total Nitrogen as N	----	0.05	mg/L N	1.99	1.71	1.47	2.37	1.63
<b>EK067CA: Total Phosphorus as P</b>								
Total Phosphorus as P	----	0.01	mg/L P	<0.01	0.37	0.43	0.62	0.62



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	----	----
Sampling date / time				26-Apr-2022 07:40	26-Apr-2022 08:20	26-Apr-2022 07:30	----	----	
Compound	CAS Number	LOR	Unit	CA2202937-001	CA2202937-002	CA2202937-003	-----	-----	
				Result	Result	Result	----	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	8.02	----	----	----	----
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	12	----	----	----	----
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	<1	----	----	----
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	----
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	----
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	3.08	----	----	----	----
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	0.04	----	----	----	----
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	3300000	1	<1	----	----	----
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	3300000	1	<1	----	----	----
E. coli (Confirmed)	----	1	CFU/100mL	2500000	<1	<1	----	----	----



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	#1 Head of Works	#2 Post UV	#3 RWT	#3 RWT	----
Sampling date / time				10-May-2022 08:30	10-May-2022 07:50	10-May-2022 08:30	10-May-2022 08:30	----	
Compound	CAS Number	LOR	Unit	CA2203253-001	CA2203253-002	CA2203253-003	CA2203253-004	-----	
				Result	Result	Result	Result	----	
<b>EA005CA: pH</b>									
pH	----	0.01	pH Unit	----	7.94	----	8.07	----	
<b>EA025CA: Suspended Solids</b>									
Suspended Solids (SS)	----	2	mg/L	----	6	----	----	----	
<b>EP020CA: Oil and Grease</b>									
Oil and Grease	----	1	mg/L	----	<1	----	----	----	
<b>EP030CA: Biochemical Oxygen Demand</b>									
Biochemical Oxygen Demand	----	2	mg/L	----	<2	----	----	----	
<b>EK055CA: Ammonia as N</b>									
Ammonia as N	7664-41-7	0.1	mg/L N	----	<0.1	----	----	----	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	0.05	mg/L N	----	2.21	----	----	----	
<b>EK067CA: Total Phosphorus as P</b>									
Total Phosphorus as P	----	0.01	mg/L P	----	0.05	----	----	----	
<b>MW006CA: Faecal coliforms and E. coli by MF</b>									
Thermotolerant Faecal Coliforms (Presumptive)	----	1	CFU/100mL	5500000	6	<1	----	----	
Thermotolerant Faecal Coliforms (Confirmed)	----	1	CFU/100mL	5500000	6	<1	----	----	
E. coli (Confirmed)	----	1	CFU/100mL	2500000	4	<1	----	----	



## Analytical Results

Sub-Matrix: <b>SOLID</b> (Matrix: <b>SOLID</b> )				Sample ID	Sample Point 3 Composite Soil	Sample Point 4 Composite Soil	Sample Point 5 Composite Soil	Sample Point 6 Composite Soil	Sample Point 7 Composite Soil
Sampling date / time				06-Jun-2022 15:30	06-Jun-2022 15:00	06-Jun-2022 14:30	06-Jun-2022 13:40	06-Jun-2022 14:45	
Compound	CAS Number	LOR	Unit	CA2203938-001	CA2203938-002	CA2203938-003	CA2203938-004	CA2203938-005	
				Result	Result	Result	Result	Result	
<b>EK057G: Nitrite as N by Discrete Analyser</b>									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	0.2	0.3	<0.5	1.0	0.1	
<b>EK058G: Nitrate as N by Discrete Analyser</b>									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	1.6	4.1	8.3	2.6	13.1	
<b>EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser</b>									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	1.8	4.4	8.3	3.6	13.2	
<b>EK067G: Total Phosphorus as P by Discrete Analyser</b>									
Total Phosphorus as P	----	2	mg/kg	196	401	177	177	658	
<b>EA002CA: pH in Soil</b>									
∅ pH Value	----	0.1	pH Unit	6.6	6.4	6.8	6.7	6.6	
<b>EA010CA: Conductivity</b>									
∅ Electrical Conductivity @ 25°C	----	0.01	dS/m	0.10	0.13	0.18	0.17	0.22	
<b>EK062CA: Total Nitrogen as N</b>									
Total Nitrogen as N	----	20	mg/kg	900	1980	770	690	2740	
<b>EK074CA: Fluoride Extractable Phosphorus (Bray)</b>									
∅ Fluoride Extractable P (Bray)	----	0.1	mg/kg	8.1	48.8	58.2	50.7	84.8	
<b>ED007CA: Exchangeable Cations</b>									
∅ Cation Exchange Capacity	----	1	cmol/kg	5	8	9	11	10	
∅ Exchangeable Sodium Percent	----	1	%	2	2	<1	6	<1	
∅ Exchangeable Sodium	----	0.1	cmol/kg	<0.1	0.1	<0.1	0.7	<0.1	
∅ Exchangeable Calcium	----	1	cmol/kg	3	4	6	6	6	
∅ Exchangeable Magnesium	----	1	cmol/kg	<1	2	2	3	2	
∅ Exchangeable Potassium	----	1	cmol/kg	<1	1	2	1	2	
∅ Exchangeable Aluminium	----	0.1	cmol/kg	<0.1	<0.1	<0.1	<0.1	<0.1	