



Total organic Carbon		mg/l		Hourly		Every 6 months		17		5		54		44		14		18		31		14		15		14			
Monitoring Point 5 Location: Bone 5200																													
Pollutant	Unit	Monitoring frequency required by licence	Measurement 26 March 2012	Measurement 17 Sept 2012	Measurement 8th April 2013	Measurement 26 Sep 2013	Measurement 31 March 2014	Measurement 20 October 2014	Measurement 31 March 2015	Measurement 9 October 2015	Measurement 11th April 2016	Measurement 14th Nov 2016	Measurement 12th April 2017	Measurement 9th Sep 2017	Measurement 28th April 2018	Measurement 31st October 2018	Measurement 25th March 2019	Measurement 9 Sept 2019	Measurement 6 April 2020	Measurement 13 October 2020	Measurement 13 April 2021	Measurement 28 September 2021	Measurement 22 March 2022	Measurement 12 October 2022	Measurement 18 April 2023	Measurement 26 Sep 2023	Measurement 12 Mar 2024	Measurement 17 September 2024	
Absorbency	mg/l	Hourly	80	87	0.02	0.38	0.38	0.04	0.42	0.37	0.65	0.3	0.25	0.10	0.25	0.02	0.01	0.21	0.24	0.24	0.4	<0.012	<0.02	0.028	<0.02	<0.01	<0.01	0.072	0.017
Ammonia	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	No		
Arsenic	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Samples		
Cadmium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Samples		
Calcium	mg/l	Hourly	230	220	240	260	280	290	280	300	300	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310		
Chloride	mg/l	Hourly	4200	4800	5400	6000	6500	7000	7500	8000	8500	9000	9500	10000	10500	11000	11500	12000	12500	13000	13500	14000	14500	15000	15500	16000	16500		
Copper	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Dissolved Oxygen	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Iodine	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Jude	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Manganese	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Manganous	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Nitrate	mg/l	Hourly	0.57	0.49	0.4	0.29	0.31	0.24	0.3	0.17	0.21	0.12	0.17	0.03	0.06	0.02	0.030	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		
pH	mg/l	Hourly	6.3	6.1	6.4	6	6	6.0	5.9	6.1	6.0	6.0	5.9	5.8	6.1	6.1	6.1	6	6	6.1	6.1	6	6.1	6.1	6	6.1	5.91		
Sodium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Sulfate	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Strontium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Total Dissolved Solids	mg/l	Hourly	8249	8244	8245	8216	8205	8215	8215	8205	8225	8220	8215	8210	8205	8205	8205	8205	8205	8205	8205	8205	8205	8205	8205	8205	8205		
Total Inorganic Carbon	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Total Nitrogen	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Total organic Carbon	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Total organic Nitrogen	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Requirements		
Monitoring Point 5 Location: Bone 5201	Monitoring Point 5 Location: Bone 5201																												
Pollutant	Unit	Monitoring frequency required by licence	Measurement 26 March 2012	Measurement 17 Sept 2012	Measurement 8th April 2013	Measurement 26 Sep 2013	Measurement 31 March 2014	Measurement 20 October 2014	Measurement 31 March 2015	Measurement 9 October 2015	Measurement 11th April 2016	Measurement 14th Nov 2016	Measurement 12th April 2017	Measurement 9th Sep 2017	Measurement 28th April 2018	Measurement 31st October 2018	Measurement 25th March 2019	Measurement 9 Sept 2019	Measurement 6 April 2020	Measurement 13 October 2020	Measurement 13 April 2021	Measurement 28 September 2021	Measurement 22 March 2022	Measurement 12 October 2022	Measurement 18 April 2023	Measurement 26 Sep 2023	Measurement 12 Mar 2024	Measurement 17 September 2024	
Absorbency	mg/l	Hourly	0.2	0.1	0.12	0.21	0.47	0.13	0	0.16	0.26	0.38	0.22	0.07	<0.01	0.02	0.29	0.59	0.55	0.012	<0.02	0.055	<0.02	<0.02	<0.01	0.037	0.039	0.069	
Ammonia	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Arsenic	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Cadmium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Calcium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Chloride	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Copper	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Fluoride	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Iodine	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Manganese	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Nitrate	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
pH	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Sodium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Sulfate	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Strontium	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Total Dissolved Solids	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Total Inorganic Carbon	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Total Nitrogen	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Total organic Carbon	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Total organic Nitrogen	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	0.001		
Monitoring Point 5 Location: Bone 5201	Monitoring Point 5 Location: Bone 5201																												
Pollutant	Unit	Monitoring frequency required by licence	Measurement 26 March 2012	Measurement 17 Sept 2012	Measurement 8th April 2013	Measurement 26 Sep 2013	Measurement 31 March 2014	Measurement 20 October 2014	Measurement 31 March 2015	Measurement 9 October 2015	Measurement 11th April 2016	Measurement 14th Nov 2016	Measurement 12th April 2017	Measurement 9th Sep 2017	Measurement 28th April 2018	Measurement 31st October 2018	Measurement 25th March 2019	Measurement 9 Sept 2019	Measurement 6 April 2020	Measurement 13 October 2020	Measurement 13 April 2021	Measurement 28 September 2021	Measurement 22 March 2022	Measurement 12 October 2022	Measurement 18 April 2023	Measurement 26 Sep 2023	Measurement 12 Mar 2024	Measurement 17 September 2024	
Absorbency	mg/l	Hourly	79	76	0.04	0.15	0.21	0.1	0.46	0.4	0.02	0.53	0.27	0.09	0.28	0.33	0.029	0.02	0.051	0.01	0.051	0.01	0.051	0.01	0.051	0.01	0.051	No	
Ammonia	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	-	-0.001	Samples		
Arsenic	mg/l	Hourly	-	-	-0.001	-	-0.001	-	-	-0.001	-	-0.001																	

**E. coli**      per 100ml      Every 6 months  
Monitoring Point 4  
Location: Bore 5199  
This bore is no longer active. A request has been submitted to NSW Office of Environment and

**BROWN PARK**  
About Filter

**BROWN PAR**  
Below Filter

### E.coli

wetlands																										
Pollutant	Unit	Monitoring frequency required by licence						Measurement 11th April 2016	Measurement 16th Nov 2016	Measurement 12th April 2017	Measurement 9th Sep 2017	Measurement 28th April 2018	Measurement 31st October	Measurement 25th March	Measurement 9 Sept 2019	Measurement C April 2020	Measurement E 13 October 2020	Measurement F 13 April 2021	Measurement G 26 September	Measurement H 22 March 2022	Measurement I 12 October	Measurement J 18 April 2023	Measurement K 26 Sep 2023	Measurement L 12 Mar 2024	Measurement M 17 September 2024	
Aldrin	ng/l																									
Ammonia	mg/l																									
Benzene	µg/l																									
Cadmium	µg/l																									
Calcium	mg/l																									
Chloride	mg/l																									
Chromium	µg/l																		ND							
Conductivity at 25°C	µS/cm	Every 6 months						280	150	130	250	400	97	270	110	87	98	110	120	160	81	87	110	TAKING	LONGER	LONGER
Fluoride	µg/l																						SAMPLE	SAMPLE		
Iron	µg/l																						WETLANDS	WETLANDS		
Lead	µg/l																						TAKE	TAKE		
Magnesium	mg/l																									
Manganese	µg/l																									
Mercaptan	µg/l																									
Nitrate	µg/l																									
Nitrite	µg/l	Every 6 months						0.031	<0.01	<0.04	<0.04	<0.01	0.02	0.089	<0.005	0.14	0.033	0.005	<0.005	<0.005	0.14	0.071	0.018	BEING	BEING	
Nitrogen as N	µg/l	Every 6 months						16	1.1	1.2	0.90	1.5	1.3	0.98	0.70	0.33	0.56	0.48	0.79	0.75	0.79	1.10	0.69	BEING	BEING	BEING
Phosphorus as P	µg/l	Every 6 months						3.4	0.46	0.18	0.17	0.17	0.19	0.26	0.12	0.12	0.16	0.16	0.085	0.006	0.100	0.160	0.021	EVENT	EVENT	
Potassium	µg/l																									
Sulphate	µg/l																									
Total Dissolved Solids	mg/l																									
Total Turbidity	NTU	Every 6 months						170	89	76	350	240	58	160	65	52	58	64	70	99	48	57	68			
Waterflow	m³/min							0.00	0.40	0.49	0.07	0.00	1.10	0.00	0.00	0.00	0.00	1.00	0.00	0.33	0.00	0.40	0.27			

of report....