

# Quirindi Sewage Treatment Plant - Environment Protection Licence 806

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**Quirindi Sewage Treatment Plant - EPL 806 - Yearly Summaries**

**Point 1 Yearly Summary 2020/21**

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median	90%ile Calculation	Exceedences (yes/no)	Count of 90 percentile exceedences	Exceedance acceptable limit	Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	20	Fortnightly	26	2	10	5.6	5	9	no	0	3	within allowable 90%ile. Exceedences due to algae within maturation ponds
Total Suspended Solids	mg/L	30	Fortnightly	26	7.00	118.00	47.8	46.00	70	yes	22	3	exceeded 90 percentile limit due to high Algae content in maturation ponds
Oil & Grease	mg/L	10	Fortnightly	26	5.00	11.00	5.2	5.00	5	yes	1	3	within allowable 90%ile. The cause of the high oil and greese is undetermined
pH	pH Value	-	Fortnightly	26	8.13	9.63	9.0	9.40	-	-	-	-	
Ammonia as Nitrogen	mg/L	-	Fortnightly	26	0.01	0.36	0.1	0.10	-	-	-	-	
Nitrates + Nitrites as Nitrogen	mg/L	-	Fortnightly	26	0.01	1.77	0.30	0.10	-	-	-	-	
Kjeldahl Nitrogen	mg/L	-	Fortnightly	26	1.40	9.10	3.7	3.40	-	-	-	-	
Total Nitrogen	mg/L	-	Fortnightly	26	1.80	7.50	4.0	4.00	-	-	-	-	
Total Phosphorus	mg/L	-	Fortnightly	26	0.54	2.57	1.31	1.09	-	-	-	-	
Conductivity	uS/cm	-	Fortnightly	26	1.00	1.31	1.1	1.17	-	-	-	-	
Faecal Coliforms	cfu/100mL	-	Fortnightly	26	2.00	260	58	35	-	-	-	-	

**Point 2 Yearly Summary 2020/21**

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median	Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	-	Monthly	26	2	23	4.4	3	
Total Suspended Solids	mg/L	-	Monthly	26	5	41.0	12.2	11	
pH	pH Value	-	Monthly	13	7.9	8.4	8.2	8.19	
Total Nitrogen	mg/L	-	Monthly	13	7.10	27.60	15.7	15.00	
Total Phosphorus	mg/L	-	Monthly	13	1.86	6.03	4.45	4.42	
Conductivity	uS/cm	-	Monthly	13	0.96	1.63	1.24	1.24	

**Quirindi Sewage Treatment Plant - EPL 806 - Yearly Summaries**

**Point 1 Yearly Summary 2019/20**

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median	90%ile Calculation	Exceedences (yes/no)	Count of 90 percentile exceedences	Exceedance acceptable limit	Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	20	Fortnightly	26	2	12	6.1	6	9	no	0	3	within allowable 90%ile. Exceedences due to algae within maturation ponds
Total Suspended Solids	mg/L	30	Fortnightly	26	19.00	88.00	46.7	42.50	76	yes	21	3	exceeded 90 percentile limit due to high Algae content in maturation ponds
Oil & Grease	mg/L	10	Fortnightly	26	5.00	9.00	5.5	5.00	7	no	0	3	within allowable 90%ile. The cause of the high oil and greese is undetermined
pH	pH Value	-	Fortnightly	26	8.70	9.60	9.2	9.23	-	-	-	-	
Ammonia as Nitrogen	mg/L	-	Fortnightly	26	0.01	1.07	0.1	0.01	-	-	-	-	
Nitrates + Nitrites as Nitrogen	mg/L	-	Fortnightly	26	0.01	1.45	0.2	0.01	-	-	-	-	
Kjeldahl Nitrogen	mg/L	-	Fortnightly	26	1.50	6.00	3.1	2.90	-	-	-	-	
Total Nitrogen	mg/L	-	Fortnightly	26	1.50	6.00	3.5	3.43	-	-	-	-	
Total Phosphorus	mg/L	-	Fortnightly	26	0.36	1.80	1.0	0.98	-	-	-	-	
Conductivity	uS/cm	-	Fortnightly	26	1.15	1.56	1.3	1.28	-	-	-	-	
Faecal Coliforms	cfu/100mL	-	Fortnightly	26	1.00	3100	345	78	-	-	-	-	

**Point 2 Yearly Summary 2019/20**

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median		Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	-	Monthly	26	2	7	4.3	4		
Total Suspended Solids	mg/L	-	Monthly	26	4	21	8.9	8		
pH	pH Value	-	Monthly	13	7.60	8.33	7.9	8.13		
Total Nitrogen	mg/L	-	Monthly	13	1.89	23.10	13.0	13.25		
Total Phosphorus	mg/L	-	Monthly	13	3.04	6.92	5.0	4.80		
Conductivity	uS/cm	-	Monthly	13	1.12	1.46	1.3	1.32		

**Quirindi Sewage Treatment Plant - EPL 806 - Yearly Summaries**

**Point 1 Yearly Summary 2018/19**

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median		Exceedences (yes/no)	Count of 90 percentile exceedences	Exceedance acceptable limit	Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	20	Fortnightly	26	4	20	8.1	7		no	0	3	within allowable 90%ile. Exceedences due to algae within maturation ponds
Total Suspended Solids	mg/L	30	Fortnightly	26	12.00	160.00	37.9	32.50		yes	16	3	exceeded 90 percentile limit due to high Algae content in maturation ponds
Oil & Grease	mg/L	10	Fortnightly	26	5.00	7.00	5.1	5.00		no	0	3	within allowable 90%ile. The cause of the high oil and greese is undetermined
pH	pH Value	-	Fortnightly	26	8.10	9.70	9.3	9.40		-			
Ammonia as Nitrogen	mg/L	-	Fortnightly	26	0.01	0.50	0.1	0.10		-			
Nitrates + Nitrites as Nitrogen	mg/L	-	Fortnightly	26	0.01	16.50	1.2	0.10		-			
Kjeldahl Nitrogen	mg/L	-	Fortnightly	26	0.90	4.16	2.7	2.69		-			
Total Nitrogen	mg/L	-	Fortnightly	26	1.10	18.10	4.0	3.02		-			
Total Phosphorus	mg/L	-	Fortnightly	26	0.26	5.91	1.1	0.99		-			
Conductivity	uS/cm	-	Fortnightly	26	1.15	1.32	1.2	1.22		-			
Faecal Coliforms	cfu/100mL	-	Fortnightly	26	2.00	5000	229	25		-			

**Point 2 Yearly Summary 2018/19**

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median		Comments
Biological Oxygen Demand <sub>5</sub>	mg/L	-	Monthly	26	2	7	4.6	5		
Total Suspended Solids	mg/L	-	Monthly	26	4	27	9.8	10		
pH	pH Value	-	Monthly	21	7.70	8.10	8.0	8.00		
Total Nitrogen	mg/L	-	Monthly	21	9.44	19.60	15.2	15.20		
Total Phosphorus	mg/L	-	Monthly	21	4.05	7.50	5.7	6.06		
Conductivity	uS/cm	-	Monthly	21	1.20	1.43	1.3	1.30		

Quirindi Sewage Treatment Plant - EPL 806 - Monthly Summaries

Point 1 Monthly Summary 2021/22

Month	Date that the summary was published	Monthly Summary Statistics	Biological Oxygen Demand <sub>5</sub>	Total Suspended Solids	Oil & Grease	pH	Ammonia as Nitrogen	Nitrates + Nitrites as Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorus	Conductivity	Chlorophyll a	Faecal Coliforms
			mg/L	mg/L	mg/L	pH Value	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	ug/L
Feb-21	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	4	42	5.00	9.33	0.03	0.02	3.00	3.00	0.96	1.10		36
		Minimum	3	30	5.00	9.19	0.01	0.01	2.60	2.60	0.74	1.05		22
		Mean	3.5	36.0	5.00	9.26	0.02	0.02	2.80	2.80	0.85	1.08		29.0
		Median	3.5	36.0	5.00	9.26	0.02	0.02	2.80	2.80	0.85	1.08		29.0
Mar-21		Number of data points	3	3	2	3	3	2	3	3	3	3	3	1
		Maximum	6	44	11.00	9.08	0.03	0.01	2.70	2.70	1.26	1.15		35
		Minimum	5	26	6.00	8.96	0.02	0.01	2.60	2.60	0.81	1.03		35
		Mean	5.3	35.0	8.50	9.02	0.03	0.01	2.63	2.63	0.99	1.11		35.0
		Median	5.0	35.0	8.50	9.02	0.03	0.01	2.60	2.60	0.91	1.15		35.0
Apr-21		Number of data points	2	2	0	2	2	0	2	2	2	2	2	2
		Maximum	3	29	0.00	9.27	0.02	0.00	2.20	2.20	1.00	1.00		40
		Minimum	2	26	0.00	9.24	0.02	0.00	1.60	1.60	0.97	1.00		26
		Mean	2.5	27.5	#DIV/0!	9.26	0.02	#DIV/0!	1.90	1.90	0.99	1.00		33.0
		Median	2.5	27.5	#NUM!	9.26	0.02	#NUM!	1.90	1.90	0.99	1.00		33.0
May-21		Number of data points	2	2	0	2	2	2	2	2	2	2	2	1
		Maximum	4	32	0.00	9.11	0.04	0.05	2.10	2.20	1.17	1.09		21
		Minimum	2	20	0.00	9.05	0.02	0.02	0.40	1.40	1.14	1.06		21
		Mean	3.0	26.0	#DIV/0!	9.08	0.03	0.04	1.25	1.80	1.16	1.08		21.0
		Median	3.0	26.0	#NUM!	9.08	0.03	0.04	1.25	1.80	1.16	1.08		21.0
Jun-21		Number of data points	2	2	0	2	2	2	2	2	2	2	2	1
		Maximum	74	42	0.00	9.22	0.06	2.63	3.10	5.70	2.19	1.02		16
		Minimum	7	41	0.00	8.79	0.04	0.12	2.10	2.20	1.27	0.97		16
		Mean	40.5	41.5	#DIV/0!	9.01	0.05	1.38	2.60	3.95	1.73	1.00		16.0
		Median	40.5	41.5	#NUM!	9.01	0.05	1.38	2.60	3.95	1.73	1.00		16.0
Jul-21		Number of data points	2	2	0	2	1	2	2	2	2	2	2	0
		Maximum	11	65	0.00	8.77	0.05	2.78	4.20	6.10	2.39	0.98		0
		Minimum	11	46	0.00	8.74	0.05	0.51	3.30	4.70	1.88	0.95		0
		Mean	11.0	55.5	#DIV/0!	8.76	0.05	1.65	3.75	5.40	2.14	0.97		#DIV/0!
		Median	11.0	55.5	#NUM!	8.76	0.05	1.65	3.75	5.40	2.14	0.97		#NUM!
Aug-21		Number of data points	3	3	1	3	3	3	3	3	3	3	3	0
		Maximum	7	46	8.00	8.96	1.66	2.18	3.80	5.70	2.46	1.23		0
		Minimum	4	10	8.00	8.13	0.13	0.95	3.20	4.40	1.89	1.00		0
		Mean	5.0	27.7	8.00	8.56	0.89	1.67	3.50	5.17	2.10	1.12		#DIV/0!
		Median	4.0	27.0	8.00	8.58	0.89	1.88	3.50	5.40	1.95	1.13		#NUM!
Sep-21		Number of data points	2	2	0	2	2	2	2	2	2	2	2	0
		Maximum	5	43	0.00	8.85	0.09	0.24	3.00	3.20	1.62	1.25		0
		Minimum	4	34	0.00	8.82	0.03	0.01	2.20	2.20	1.37	1.18		0
		Mean	4.5	38.5	#DIV/0!	8.84	0.06	0.13	2.60	2.70	1.50	1.22		#DIV/0!
		Median	4.5	38.5	#NUM!	8.84	0.06	0.13	2.60	2.70	1.50	1.22		#NUM!
Oct-21		Number of data points	2	2	1	2	2	0	2	2	2	2	2	0
		Maximum	3	58	5.00	8.94	0.02	0.00	4.40	4.40	1.74	1.25		0
		Minimum	2	55	5.00	8.64	0.02	0.00	2.80	2.80	1.58	1.24		0
		Mean	2.5	56.5	5.00	8.79	0.02	#DIV/0!	3.60	3.60	1.66	1.25		#DIV/0!
		Median	2.0	40.0	5.00	9.18	0.03	0.22	2.85	2.85	1.39	1.03		#NUM!
Nov-21		Number of data points	2	2	0	2	0	0	2	2	2	2	2	0
		Maximum	6	46	0.00	9.21	0.00	0.00	4.00	4.00	1.61	1.18		0
		Minimum	2	29	0.00	9.03	0.00	0.00	2.20	2.20	1.19	1.06		0
		Mean	4.0	37.5	#DIV/0!	9.12	#DIV/0!	#DIV/0!	3.10	3.10	1.40	1.12		#DIV/0!
		Median	4.0	37.5	#NUM!	9.12	#NUM!	#NUM!	3.10	3.10	1.40	1.12		#NUM!
Dec-21		Number of data points	1	2	0	2	2	2	2	2	2	2	2	0
		Maximum	5	64	0.00	9.48	0.03	0.40	4.50	4.90	1.62	0.81		0
		Minimum	5	32	0.00	9.34	0.03	0.03	1.90	1.90	0.86	0.79		0
		Mean	5.0	48.0	#DIV/0!	9.41	0.03	0.22	3.20	3.40	1.24	0.80		#DIV/0!
		Median	5.0	48.0	#NUM!	9.41	0.03	0.22	3.20	3.40	1.24	0.80		#NUM!
Jan-22		Number of data points	1	2	0	2	2	2	2	2	2	2	2	0
		Maximum	5	64	0.00	9.48	0.03	0.40	4.50	4.90	1.62	0.81		0
		Minimum	5	32	0.00	9.34	0.03	0.03	1.90	1.90	0.86	0.79		0
		Mean	5.0	48.0	#DIV/0!	9.41	0.03	0.22	3.20	3.40	1.24	0.80		#DIV/0!
		Median	5.0	48.0	#NUM!	9.41	0.03	0.22	3.20	3.40	1.24	0.80		#NUM!

**Quirindi Sewage Treatment Plant - EPL 806 - Monthly Summaries**

**Point 1 Monthly Summary 2020/21**

Month	Date that the summary was published	Monthly Summary Statistics	Biological Oxygen Demand <sub>5</sub>	Total Suspended Solids	Oil & Grease	pH	Ammonia as Nitrogen	Nitrates + Nitrites as Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorus	Conductivity	Chlorophyll a	Faecal Coliforms
			mg/L	mg/L	mg/L	pH Value	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	ug/L
Feb-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	63	5.00	9.12	0.04	0.12	6.80	6.90	0.80	1.26		30
		Minimum	5	44	5.00	9.11	0.02	0.01	2.10	2.10	0.54	1.08		20
		Mean	7.0	53.5	5.00	9.12	0.03	0.07	4.45	4.50	0.67	1.17		25.0
		Median	7.0	53.5	5.00	9.12	0.03	0.07	4.45	4.50	0.67	1.17		25.0
Mar-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	36	5.00	9.15	0.11	0.06	3.80	3.80	0.78	1.16		60
		Minimum	3	19	5.00	9.11	0.05	0.02	1.80	1.90	0.66	1.14		46
		Mean	4.5	27.5	5.00	9.13	0.08	0.04	2.80	2.85	0.72	1.15		53.0
		Median	4.5	27.5	5.00	9.13	0.08	0.04	2.80	2.85	0.72	1.15		53.0
Apr-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	5	45	5.00	9.19	0.04	0.03	5.70	5.70	0.89	1.13		110
		Minimum	4	36	5.00	9.04	0.02	0.01	2.50	2.50	0.72	1.12		60
		Mean	4.5	40.5	5.00	9.12	0.03	0.02	4.10	4.10	0.81	1.13		85.0
		Median	4.5	40.5	5.00	9.12	0.03	0.02	4.10	4.10	0.81	1.13		85.0
May-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	7	60	5.00	9.30	0.03	0.01	4.70	4.70	1.13	1.14		40
		Minimum	6	48	5.00	9.26	0.02	0.01	3.40	3.40	0.97	1.10		14
		Mean	6.5	54.0	5.00	9.28	0.03	0.01	4.05	4.05	1.05	1.12		27.0
		Median	6.5	54.0	5.00	9.28	0.03	0.01	4.05	4.05	1.05	1.12		27.0
Jun-20	22/03/2021	Number of data points	3	3	3	3	3	3	3	3	3	3	3	3
		Maximum	9	55	5.00	9.15	0.09	0.80	4.70	4.80	2.26	1.17		50
		Minimum	8	33	5.00	8.58	0.01	0.03	3.70	4.30	1.50	1.12		14
		Mean	8.7	43.3	5.00	8.87	0.04	0.30	4.23	4.53	1.87	1.15		30.7
		Median	9.0	42.0	5.00	8.88	0.02	0.06	4.30	4.50	1.85	1.15		28.0
Jul-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	10	34	11.00	8.60	0.34	1.77	3.20	4.90	2.57	1.18		28
		Minimum	5	30	5.00	8.50	0.25	1.67	3.00	4.80	2.43	1.16		10
		Mean	7.5	32.0	8.00	8.55	0.30	1.72	3.10	4.85	2.50	1.17		19.0
		Median	7.5	32.0	8.00	8.55	0.30	1.72	3.10	4.85	2.50	1.17		19.0
Aug-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	33	5.00	8.74	0.14	1.49	3.50	4.80	2.54	1.27		20
		Minimum	3	7	5.00	8.13	0.11	0.69	3.30	4.20	2.08	1.14		20
		Mean	6.0	20.0	5.00	8.44	0.13	1.09	3.40	4.50	2.31	1.21		20.0
		Median	6.0	20.0	5.00	8.44	0.13	1.09	3.40	4.50	2.31	1.21		20.0
Sep-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	72	5.00	8.82	0.36	0.45	2.70	2.80	1.98	1.22		150
		Minimum	5	50	5.00	8.48	0.16	0.08	1.40	1.80	1.44	1.17		44
		Mean	7.0	61.0	5.00	8.65	0.26	0.27	2.05	2.30	1.71	1.20		97.0
		Median	7.0	61.0	5.00	8.65	0.26	0.27	2.05	2.30	1.71	1.20		97.0
Oct-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	52	5.00	9.04	0.02	0.04	5.00	5.00	1.65	1.31		250
		Minimum	2	47	5.00	9.03	0.01	0.01	2.60	2.60	1.32	1.25		74
		Mean	4.0	49.5	5.00	9.04	0.02	0.03	3.80	3.80	1.49	1.28		162.0
		Median	4.0	49.5	5.00	9.04	0.02	0.03	3.80	3.80	1.49	1.28		162.0
Nov-20	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	5	77	5.00	9.29	0.04	0.15	4.60	4.80	1.22	1.14		20
		Minimum	2	22	5.00	9.21	0.03	0.09	2.00	2.10	0.69	1.04		2
		Mean	3.5	49.5	5.00	9.25	0.04	0.12	3.30	3.45	0.96	1.09		11.0
		Median	3.5	49.5	5.00	9.25	0.04	0.12	3.30	3.45	0.96	1.09		11.0
Dec-20	22/03/2021	Number of data points	3	3	3	3	3	3	3	3	3	3	3	3
		Maximum	5	118	5.00	9.63	0.03	0.05	7.50	7.50	1.05	1.09		260
		Minimum	2	49	5.00	9.30	0.02	0.01	3.10	3.20	0.63	1.05		60
		Mean	3.7	78.0	5.00	9.50	0.02	0.03	4.67	4.70	0.86	1.07		128.0
		Median	4.0	67.0	5.00	9.56	0.02	0.02	3.40	3.40	0.91	1.07		64.0
Jan-21	22/03/2021	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	4	58	5.00	9.53	0.02	0.02	3.80	3.80	0.79	1.02		17
		Minimum	3	45	5.00	9.36	0.02	0.01	3.40	3.40	0.71	1.00		10
		Mean	3.5	51.5	5.00	9.45	0.02	0.02	3.60	3.60	0.75	1.01		13.5
		Median	3.5	51.5	5.00	9.45	0.02	0.02	3.60	3.60	0.75	1.01		13.5

**Quirindi Sewage Treatment Plant - EPL 806 - Monthly Summaries**

**Point 1 Monthly Summary 2019/20**

Month	Date that the summary was published	Monthly Summary Statistics	Biological Oxygen Demand <sub>s</sub>	Total Suspended Solids	Oil & Grease	pH	Ammonia as Nitrogen	Nitrates + Nitrites as Nitrogen	Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorus	Conductivity	Chlorophyll a	Faecal Coliforms	
			mg/L	mg/L	mg/L	pH Value	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	ug/L	cfu/100mL
Feb-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	12	27	5	9.40	0.10	0.10	2.90	2.90	0.48	1	173	220.00	
		Minimum	8	20	5	9.40	0.05	0.01	2.80	2.80	0.42	1	134	15.00	
		Mean	10	24	5	9.40	0.08	0.06	2.85	2.85	0.45	1	154	117.50	
		Median	10	24	5	9.40	0.08	0.06	2.85	2.85	0.45	1	154	117.50	
Mar-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	32	5	9.5	0.1	0.1	2.5	2.5	0.4	1.22	128	90	
		Minimum	7	26	5	9.4	0.06	0.01	1.7	1.7	0.26	1.22	72	58	
		Mean	8	29	5	9.45	0.08	0.055	2.1	2.1	0.33	1.22	100	74	
		Median	8	29	5	9.45	0.08	0.055	2.1	2.1	0.33	1.22	100	74	
Apr-19	23/03/2020	Number of data points	2	1	0	1	1	1	1	1	1	1	1	0	1
		Maximum	6	38	5	9.5	0.1	0.1	3	3	0.39	1.2	147	28	
		Minimum	5	14	5	9.5	0.03	0.03	0.9	1.1	0.32	1.16	95	16	
		Mean	5.5	26	5	9.5	0.065	0.065	1.95	2.05	0.355	1.18	121	22	
		Median	5.5	26	5	9.5	0.065	0.065	1.95	2.05	0.355	1.18	121	22	
1/05/201	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	7	49	5	9.5	0.1	0.1	2.6	2.6	0.73	1.2	181	26	
		Minimum	6	31	5	9.4	0.1	0.1	2.6	2.6	0.5	1.19	165	5	
		Mean	6.5	40	5	9.45	0.1	0.1	2.6	2.6	0.615	1.195	173	15.5	
		Median	6.5	40	5	9.45	0.1	0.1	2.6	2.6	0.615	1.195	173	15.5	
Jun-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	30	5	9.40	0.3	16.5	2.2	18.1	5.91	1.32	273	5000	
		Minimum	5	12	5	8.10	0.1	0.2	1.7	2.5	1.05	1.21	160	2	
		Mean	7.0	21.0	5	8.75	0.2	8.4	2.0	10.3	3.48	1.27	217	2501	
		Median	7.0	21.0	5	8.75	0.2	8.4	2.0	10.3	3.48	1.27	217	2501	
Jul-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	20	43	6	9.70	0.1	1.9	4.1	4.9	1.8	1.2	711	6	
		Minimum	14	36	5	9.40	0.1	0.8	2.7	4.1	1.5	1.2	232	2	
		Mean	16.3	39.7	5	9.53	0.1	1.4	3.2	4.6	1.6	1.2	411	3	
		Median	15.0	40.0	5	9.50	0.1	1.4	2.8	4.7	1.6	1.2	291	2	
Aug-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	18	7	9	1	3	3	6	2	1	102	22	
		Minimum	6	12	5	9	0	3	2	5	2	1	58	18	
		Mean	7.5	15	6	9.1	0.3	2.8	2.7	5.5	1.8	1.2	80	20	
		Median	7.5	15.0	6	9.1	0.3	2.8	2.7	5.5	1.8	1.2	80	20	
Sep-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	10	70	5	9	0	3	4	5	2	1	200	53	
		Minimum	7	27	5	9	0	1	3	5	1	1	123	46	
		Mean	8.5	48.5	5	9.2	0.2	2.0	3.2	5.2	1.6	1.3	161.4	49.5	
		Median	8.5	48.5	5	9.2	0.2	2.0	3.2	5.2	1.6	1.3	161.4	49.5	
Oct-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	160	5	10	0	0	4	4	1	1	186	80	
		Minimum	6	49	5	9	0	0	3	4	1	1	172	34	
		Mean	7.5	104.5	0	9	0	0	4	4	1	1	179	57	
		Median	7.5	104.5	0	9	0	0	4	4	1	1	179	57	
Nov-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	8	53	5	9	0	0	4	4	1	1	312	71	
		Minimum	7	17	5	9	0	0	3	3	1	1	267	24	
		Mean	7.5	35.0	0	9.3	0.2	0	3.2	3.2	1.0	1.3	289.5	47.5	
		Median	7.5	35.0	0	9.3	0.2	0	3.2	3.2	1.0	1.3	289.5	47.5	
Dec-19	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	45	5	9	0	0	3	3	1	1	100	20	
		Minimum	4	37	5	9	0	0	2	3	1	1	97	9	
		Mean	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5	
		Median	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5	
Jan-20	23/03/2020	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	45	5	9	0	0	3	3	1	1	100	20	
		Minimum	4	37	5	9	0	0	2	3	1	1	97	9	
		Mean	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5	
		Median	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5	

**Quirindi Sewage Treatment Plant - EPL 806 - Monthly Summaries**

**Point 1 Monthly Summary 2018/19**

Month	Date that the summary was published	Monthly Summary Statistics	Biological Oxygen Demand <sub>5</sub> mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Chlorophyll a ug/L	Faecal Coliforms cfu/100mL
Feb-18	05/06/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	12	27	5	9.40	0.10	0.10	2.90	2.90	0.48	1	173	220.00
		Minimum	8	20	5	9.40	0.05	0.01	2.80	2.80	0.42	1	134	15.00
		Mean	10	24	5	9.40	0.08	0.06	2.85	2.85	0.45	1	154	117.50
		Median	10	24	5	9.40	0.08	0.06	2.85	2.85	0.45	1	154	117.50
Mar-18	05/06/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	32	5	9.5	0.1	0.1	2.5	2.5	0.4	1.22	128	90
		Minimum	7	26	5	9.4	0.06	0.01	1.7	1.7	0.26	1.22	72	58
		Mean	8	29	5	9.45	0.08	0.055	2.1	2.1	0.33	1.22	100	74
		Median	8	29	5	9.45	0.08	0.055	2.1	2.1	0.33	1.22	100	74
Apr-18	05/06/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	38	5	9.5	0.1	0.1	3	3	0.39	1.2	147	28
		Minimum	5	14	5	9.5	0.03	0.03	0.9	1.1	0.32	1.16	95	16
		Mean	5.5	26	5	9.5	0.065	0.065	1.95	2.05	0.355	1.18	121	22
		Median	5.5	26	5	9.5	0.065	0.065	1.95	2.05	0.355	1.18	121	22
May-18	05/06/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	7	49	5	9.5	0.1	0.1	2.6	2.6	0.73	1.2	181	26
		Minimum	6	31	5	9.4	0.1	0.1	2.6	2.6	0.5	1.19	165	5
		Mean	6.5	40	5	9.45	0.1	0.1	2.6	2.6	0.615	1.195	173	15.5
		Median	6.5	40	5	9.45	0.1	0.1	2.6	2.6	0.615	1.195	173	15.5
Jun-18	18/07/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	30	5	9.40	0.3	16.5	2.2	18.1	5.91	1.32	273	5000
		Minimum	5	12	5	8.10	0.1	0.2	1.7	2.5	1.05	1.21	160	2
		Mean	7.0	21.0	5	8.75	0.2	8.4	2.0	10.3	3.48	1.27	217	2501
		Median	7.0	21.0	5	8.75	0.2	8.4	2.0	10.3	3.48	1.27	217	2501
Jul-18	06/09/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	20	43	6	9.70	0.1	1.9	4.1	4.9	1.8	1.2	711	6
		Minimum	14	36	5	9.40	0.1	0.8	2.7	4.1	1.5	1.2	232	2
		Mean	16.3	39.7	5	9.53	0.1	1.4	3.2	4.6	1.6	1.2	411	3
		Median	15.0	40.0	5	9.50	0.1	1.4	2.8	4.7	1.6	1.2	291	2
Aug-18	03/10/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	18	7	9	1	3	3	6	2	1	102	22
		Minimum	6	12	5	9	0	3	2	5	2	1	58	18
		Mean	7.5	15	6	9.1	0.3	2.8	2.7	5.5	1.8	1.2	80	20
		Median	7.5	15.0	6	9.1	0.3	2.8	2.7	5.5	1.8	1.2	80	20
Sep-18	03/10/2018	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	10	70	5	9	0	3	4	5	2	1	200	53
		Minimum	7	27	5	9	0	1	3	5	1	1	123	46
		Mean	8.5	48.5	5	9.2	0.2	2.0	3.2	5.2	1.6	1.3	161.4	49.5
		Median	8.5	48.5	5	9.2	0.2	2.0	3.2	5.2	1.6	1.3	161.4	49.5
Oct-18	11/01/2019	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	9	160	5	10	0	0	4	4	1	1	186	80
		Minimum	6	49	5	9	0	0	3	4	1	1	172	34
		Mean	7.5	104.5	0	9	0	0	4	4	1	1	179	57
		Median	7.5	104.5	0	9	0	0	4	4	1	1	179	57
Nov-18	11/01/2019	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	8	53	5	9	0	0	4	4	1	1	312	71
		Minimum	7	17	5	9	0	0	3	3	1	1	267	24
		Mean	7.5	35.0	0	9.3	0.2	0	3.2	3.2	1.0	1.3	289.5	47.5
		Median	7.5	35.0	0	9.3	0.2	0	3.2	3.2	1.0	1.3	289.5	47.5
Dec-18	11/01/2019	Number of data points	2	2	2	2	2	2	2	2	2	2	2	2
		Maximum	6	45	5	9	0	0	3	3	1	1	100	20
		Minimum	4	37	5	9	0	0	2	3	1	1	97	9
		Mean	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5
		Median	5.0	41.0	0	9.3	0	0	2.5	2.7	1.0	1.3	98.6	14.5

Final Effluent Quirindi Sewer Treatment Plant - Monitoring Point 1

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to wehsite	Biological Oxygen Demand- mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Chlorophyll a ug/L	Faecal Coliforms cfu/100mL	Comments
11/02/2014	21/02/2014	140255		7	25	<5	9.60	0.18	0.80	2.60	3.40	0.43	1.33		<2	TSS impacted by maturation pond algae
25/02/2014	07/03/2014	140331		8	35	<5	9.60	0.03	0.40	2.00	2.50	0.41	1.31		<10	TSS impacted by maturation pond algae
11/03/2014	20/03/2014	140434		8	35	<5	9.40	0.03	0.10	1.90	1.90	0.48	1.33		24	TSS impacted by maturation pond algae
25/03/2014	02/04/2014	140525		6	30	<5	9.40	0.10	0.10	2.40	2.40	0.37	1.27		26	TSS impacted by maturation pond algae
08/04/2014	17/04/2014	140620		7	34	<5	9.50	0.10	0.10	2.20	2.20	0.47	1.19		16	TSS impacted by maturation pond algae
22/04/2014	05/05/2014	140695		6	33	<5	9.50	0.10	0.10	2.20	2.20	0.46	1.15		12	TSS impacted by maturation pond algae
06/05/2014	06/05/2014	140784		6	38	9	9.60	0.10	0.10	2.90	2.90	0.52	1.13		10	TSS impacted by maturation pond algae
20/05/2014	27/05/2014	140871		6	40	<5	9.60	0.10	0.10	4.20	4.30	0.80	1.13		4	TSS impacted by maturation pond algae
03/06/2014	11/06/2014	140943		10	55	<5	9.50	0.10	1.50	6.20	7.70	1.11	1.13		4	TSS impacted by maturation pond algae
17/06/2014	30/06/2014	141026		9	58	<5	9.50	0.10	2.20	4.30	6.50	1.44	1.07		10	TSS impacted by maturation pond algae
01/07/2014	09/07/2014	141106		7	53	<5	9.30	0.10	3.47	4.20	7.70	1.92	1.12		<2	TSS impacted by maturation pond algae
15/07/2014	31/07/2014	141202		8	35	<5	9.40	0.10	3.40	3.20	6.60	2.08	1.16		<2	TSS impacted by maturation pond algae
29/07/2014	06/08/2014	141285		11	47	<5	9.40	0.10	3.20	2.20	5.50	1.72	1.12		6	TSS impacted by maturation pond algae
12/08/2014	22/08/2014	141362		14	53	33	9.60	0.10	1.90	3.50	5.40	1.51	1.10		<2	TSS impacted by maturation pond algae
26/08/2014	04/09/2014	141445		8	22	<5	9.10	0.60	2.10	2.40	4.50	1.66	1.14		46	
09/09/2014	17/09/2014	141525		13	27	<5	9.30	0.10	1.40	3.10	4.50	1.86	1.14		110	
23/09/2014	01/10/2014	141621		4	8	<5	8.90	1.20	0.90	2.90	3.80	1.64	1.20		280	
07/10/2014	21/10/2014	141687		5	27	<5	9.00	0.10	1.50	1.70	3.20	1.75	1.22		80	
21/10/2014	31/10/2014	141785		6	40	<5	9.40	0.10	0.10	2.80	2.80	1.13	1.12		100	TSS impacted by maturation pond algae
05/11/2014	17/11/2014	141887		20	43	7	9.40	0.10	0.10	3.20	3.20	1.18	1.22		34	TSS impacted by maturation pond algae
18/11/2014	27/11/2014	141963		9	49	16	9.60	0.10	0.10	2.20	2.20	0.95	1.23		20	TSS impacted by maturation pond algae
02/12/2014	10/12/2014	142042		10	51	<5	9.60	0.10	0.10	3.30	3.30	0.86	1.27		20	TSS impacted by maturation pond algae
02/12/2014	05/01/2015	142156		7	30	<5	9.60	0.10	0.10	2.10	2.10	0.66	1.21		10	



Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Chlorophyll a ug/L	Faecal Coliforms cfu/100mL	Comments
03/02/2015	12/02/2015	150225		14	61	7	9.60	0.10	0.10	4.80	4.80	0.66	1.18		7	TSS impacted by maturation pond algae
03/02/2015	12/02/2015	150225		14	61	7	9.60	<0.1	<0.1	4.80	4.80	0.66	1.18		<2	TSS impacted by maturation pond algae
17/02/2015	26/02/2015	150323		9	44	5	9.70	3.20	35.80	6.80	42.70	8.49	1.21		<2	TSS impacted by maturation pond algae
03/03/2015	12/03/2015	150424		13	59	<5	9.60	<0.1	<0.1	4.70	4.70	0.68	1.21		16	TSS impacted by maturation pond algae
17/03/2015	27/03/2015	150516		13	67	7	9.70	<0.1	<0.1	5.10	5.10	0.67	1.19		6	TSS impacted by maturation pond algae
31/03/2015	09/04/2015	150598		10	49	<5	9.60	<0.1	<0.1	4.20	4.20	0.54	1.23		<2	TSS impacted by maturation pond algae
14/04/2015	23/04/2015	150674		14	56	<5	9.60	<0.1	<0.1	4.70	4.70	0.49	1.23		<2	TSS impacted by maturation pond algae
28/04/2015	28/04/2015	150761		10	54	5.00	9.60	<0.1	<0.1	3.90	3.90	0.58	1.19		4	TSS impacted by maturation pond algae
12/05/2015	22/05/2015	150843		12	70	<5	9.70	<0.1	<0.1	5.70	5.70	0.73	1.16		<2	TSS impacted by maturation pond algae
26/05/2015	26/05/2015	150927		9	55	5	9.70	<0.1	0.70	5.10	5.80	0.87	1.14		<2	TSS impacted by maturation pond algae
09/06/2015	19/06/2015	151006		6	41	<5	9.60	<0.1	2.50	3.60	6.00	1.09	1.15		<2	TSS impacted by maturation pond algae
26/06/2015	02/07/2015	151128		13	47	20	9.40	<0.1	4.40	4.20	8.60	1.93	1.12		<2	TSS impacted by maturation pond algae
07/07/2015	16/07/2015	151203		12	55	12	9.50	<0.1	4.10	4.70	8.80	1.95	1.12		<2	TSS impacted by maturation pond algae
21/07/2015	27/07/2015	151300		15	52	5	9.60	<0.1	3.60	2.90	6.50	1.53	1.08		2	TSS impacted by maturation pond algae
04/08/2015	12/08/2015	151384		11	25	7	9.10	0.50	4.00	3.30	7.30	1.99	1.12		20	
18/08/2015	26/08/2015	151485		10	31	16	9.30	<0.1	3.70	2.30	6.00	2.12	1.10		4	TSS impacted by maturation pond algae
01/09/2015	10/09/2015	151551		10	47	<5	9.40	0.10	3.10	3.40	6.50	2.04	1.13		17	TSS impacted by maturation pond algae
15/09/2015	27/09/2015	151653		6	32	<5	9.40	0.10	2.00	2.80	4.80	1.23	1.15		24	TSS impacted by maturation pond algae
29/09/2015	29/09/2015	151747		5	17	<5	9.10	0.60	1.70	2.10	2.80	1.69	1.23		36	
13/10/2015	22/10/2015	151842		8	56	<5	9.50	<0.1	<0.1	3.80	3.80	1.03	1.23		20	TSS impacted by maturation pond algae
27/10/2015	04/11/2015	151931		9	37	<5	9.30	<0.1	<0.1	3.00	3.00	1.30	1.24		24	TSS impacted by maturation pond algae
10/11/2015	19/11/2015	152019		12	50	<5	9.50	<0.1	<0.1	3.30	3.30	1.19	1.24		12	TSS impacted by maturation pond algae
24/11/2015	03/12/2015	152109		10	27	13	9.30	<0.1	<0.1	2.50	2.50	1.06	1.27		22	
08/12/2015	23/12/2015	154444		8	31	<5	9.50	<0.1	<0.1	2.60	2.60	0.90	1.27		N/A	TSS impacted by maturation pond algae, Freight issue with Faecal sample
15/12/2015	04/01/2016	152305		10	31	<5	9.40	<0.1	<0.1	2.80	2.80	0.75	1.29		6	TSS impacted by maturation pond algae

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02/02/2016	10/02/2016	160245		10	24	<5	9.20	0.10	13.90	0.10	14.00	5.03	1.22		2	
16/02/2016	26/02/2016	160335		8	19	<5	9.30	0.10	0.10	2.50	2.50	0.40	1.22		2	
01/03/2016	09/03/2016	160436		9	33	<5	9.50	0.10	0.10	3.00	3.00	0.44	1.23		14	TSS impacted by maturation pond algae
15/03/2016	24/03/2016	160556		6	32	<5	9.50	0.10	0.10	2.70	2.70	0.36	1.24		240	TSS impacted by maturation pond algae
29/03/2016	07/04/2016	160639		7	32	<5	9.60	0.10	0.10	2.60	2.60	0.30	1.25	132.0	2	TSS impacted by maturation pond algae
12/04/2016	20/04/2016	160773		13	35	<5	9.60	0.10	0.10	3.10	3.10	0.33	1.27	197.0	6	TSS impacted by maturation pond algae
26/04/2016	06/05/2016	160859		15	57	<5	9.50	0.10	0.10	4.10	4.10	0.47	1.25	327.0	2	TSS impacted by maturation pond algae
10/05/2016	17/05/2016	160974		10	57	<5	9.40	0.10	0.10	4.30	4.30	0.63	1.21	390.0	10	TSS impacted by maturation pond algae
24/05/2016	01/06/2016	161063		10	46	<5	9.50	0.05	0.31	4.40	4.70	0.65	1.20	361.0	4	TSS impacted by maturation pond algae
08/06/2016	21/06/2016	161174		12	42	<5	9.50	0.04	2.69	3.40	6.10	0.92	1.15	289.0	2	TSS impacted by maturation pond algae
21/06/2016	05/07/2016	161268		7	38	<5	9.40	0.08	3.53	2.60	6.10	1.28	1.10	284.0	60	TSS impacted by maturation pond algae
05/07/2016	14/07/2016	161373		6	22	<5	9.30	0.10	4.20	1.80	6.00	2.16	1.06	152.0	3	
19/07/2016	27/07/2016	161487		9	21	<5	9.10	0.10	5.30	1.90	7.20	2.53	1.10	59.0	2	
02/08/2016	11/08/2016	161576		14	32	<5	9.30	0.10	4.40	3.60	8.00	3.23	1.12	113.0	2	TSS impacted by maturation pond algae
16/08/2016	23/08/2016	161684		5	8	<5	8.90	0.40	4.80	2.50	7.30	2.25	1.13	6.0	7	
30/08/2016	09/09/2016	161782		6	21	<5	8.70	0.50	6.00	2.90	8.90	2.90	1.14	99.0	5	
13/09/2016	21/09/2016	161893		8	32	<5	9.30	0.10	4.70	2.40	7.10	1.95	1.09	223.0	8	TSS impacted by maturation pond algae
27/09/2016	06/10/2016	162013		7	34	<5	9.20	0.10	3.30	1.90	5.20	2.12	0.97	174.0	8	TSS impacted by maturation pond algae
11/10/2016	18/10/2016	162126		6	33	<5	9.40	0.10	1.40	2.20	3.60	1.41	0.94	166.0	12	TSS impacted by maturation pond algae
25/10/2016	02/11/2016	162236		2	4	<5	8.80	1.00	1.00	2.10	3.10	1.65	1.03	5.0	24	
08/11/2016	16/11/2016	162342		6	21	<5	9.00	0.10	0.40	1.80	2.20	1.98	1.07	101.0	10	
22/11/2016	30/11/2016	162448		6	31	<5	9.20	0.10	0.10	2.00	2.00	1.42	1.07	88.0	58	TSS impacted by maturation pond algae
06/12/2016	16/12/2016	162565		6	21	<5	9.20	0.10	0.10	1.70	1.70	1.21	1.16	53.0	8	
13/12/2016	22/12/2016	162634		8	26	<5	9.40	0.10	0.10	2.00	2.00	1.14	1.16	61.0	34	
03/01/2017	12/01/2017	170008		16	36	<5	9.50	0.10	0.10	3.50	3.50	0.79	1.19	252.0	2	TSS impacted by maturation pond algae
17/01/2017	27/01/2017	170123		11	37	<5	9.50	0.10	0.10	3.90	3.90	0.71	1.24	142.0	2	TSS impacted by maturation pond algae
31/01/2017	09/02/2017	170224		11	47	<5	9.60	0.10	0.10	4.30	4.30	0.67	1.20	337.0	2	TSS impacted by maturation pond algae

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14/02/2017	23/02/2017	170331		23	68	5	9.60	0.02	0.02	4.80	4.80	0.57	1.13	501	4	TSS impacted by maturation pond algae
28/02/2017	08/03/2017	170434		15	66	5	9.60	0.03	0.10	4.10	4.10	0.60	1.14	482	2	TSS impacted by maturation pond algae
14/03/2017	28/03/2017	170541		37	83	5	9.60	0.04	0.01	6.20	6.20	0.90	1.14	401	10	TSS impacted by maturation pond algae
28/03/2017	05/04/2017	170646		19	44	41	9.40	0.10	0.10	4.00	4.00	0.74	1.11	342	12	TSS impacted by maturation pond algae
11/04/2017	21/04/2017	170772		17	58	5	9.50	0.10	0.10	4.40	4.40	0.73	1.05	374	5	TSS impacted by maturation pond algae
26/04/2017	05/05/2017	170892		8	36	5	9.30	0.10	0.10	3.40	3.40	0.71	1.07	216	6	TSS impacted by maturation pond algae
09/05/2017	19/05/2017	170982		19	41	5	9.30	0.30	0.10	4.10	4.10	0.90	1.11	303	2	TSS impacted by maturation pond algae
23/05/2017	31/05/2017	171082		11	17	5	9.20	0.10	0.70	2.40	3.00	1.00	1.09	155	14	
06/06/2017	15/06/2017	171186		10	20	5	9.00	0.10	1.37	2.80	4.20	1.31	1.13	161	2	
20/06/2017	28/06/2017	171305		9	36	5	8.80	0.20	2.70	2.30	4.90	1.73	1.15	212	5	TSS impacted by maturation pond algae
04/07/2017	12/07/2017	171430		11	33	5	9.40	0.10	2.90	2.80	5.70	1.49	1.12	249	20	TSS impacted by maturation pond algae
18/07/2017	27/07/2017	171554		15	51	5	9.50	0.10	3.00	2.30	5.00	1.52	1.09	441	2	TSS impacted by maturation pond algae
01/08/2017	09/08/2017	171651		19	35	5	9.50	0.10	2.40	7.80	10.30	1.46	1.07	468	2	TSS impacted by maturation pond algae
15/08/2017	28/08/2017	171753		23	47	5	9.50	0.10	2.60	3.30	5.90	1.40	1.10	419	10	TSS impacted by maturation pond algae
29/08/2017	29/08/2017	171843		13	47	5	9.30	0.10	2.10	3.30	5.40	1.39	1.32	241	8	TSS impacted by maturation pond algae
12/09/2017	25/09/2017	171956		3	9	5	8.90	0.50	3.10	1.70	4.80	1.54	1.22	16	34	
26/09/2017	06/10/2017	172071		2	10	5	8.50	1.20	3.90	1.00	4.90	2.19	1.36	7	68	
10/10/2017	18/10/2017	172188		10	24	5	9.00	6.70	5.10	9.10	14.20	3.36	0.92	259	190	
24/10/2017	01/11/2017	172302		5	31	5	9.30	0.10	0.30	1.70	2.00	1.23	1.30	163	91	TSS impacted by maturation pond algae
08/11/2017	20/11/2017	172414		4	15	5	9.10	0.10	0.10	1.80	1.80	0.99	1.27	45	180	
21/11/2017	30/11/2017	172494		3	5	5	8.00	0.20	0.80	1.00	1.80	1.76	1.24	25	130000	
04/12/2017	15/12/2017	172600		4	16	5	9.30	0.10	0.10	1.30	1.40	0.75	1.18	21	68	
18/12/2017	04/01/2018	172743		8	25	5	9.50	0.05	0.04	2.90	2.90	0.46	1.17	137	40	
02/01/2018	05/01/2018	180020		8	22	5	9.30	0.10	0.10	2.80	2.80	0.54	1.15	132	200	
16/01/2018	29/01/2018	180146		9	35	5	9.40	0.10	0.10	3.40	3.40	0.62	1.18	155	26	TSS impacted by maturation pond algae
30/01/2018	07/02/2018	180235		6	22	5	9.30	0.10	0.10	2.60	2.60	0.46	1.19	96	44	

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13/02/2018	27/02/2018	180327		12	20	5	9.40	0.05	0.01	2.80	2.80	0.48	1.24	134	15	
26/02/2018	06/03/2018	180417		8	27	5	9.40	0.10	0.10	2.90	2.90	0.42	1.23	173	220	
13/03/2018	21/03/2018	180517		7	32	5	9.50	0.10	0.10	2.50	2.50	0.40	1.22	72	90	TSS impacted by maturation pond algae
27/03/2018	09/04/2018	180639		9	26	5	9.40	0.06	0.01	1.70	1.70	0.26	1.22	128	58	
10/04/2018	24/04/2018	180728		6	14	5	9.50	0.10	0.10	0.90	1.10	0.32	1.16	95	28	
23/04/2018	02/05/2018	180818		5	38	5	9.50	0.03	0.03	3.00	3.00	0.39	1.20	147	16	TSS impacted by maturation pond algae
08/05/2018	16/05/2018	180914		6	49	5	9.50	0.10	0.10	2.60	2.60	0.50	1.19	181	26	TSS impacted by maturation pond algae
22/05/2018	31/05/2018	181016	18/06/2018	7	31	5	9.40	0.10	0.10	2.60	2.60	0.73	1.20	165	5	TSS impacted by maturation pond algae
05/06/2018	20/06/2018	181115	12/07/2018	9	30	5	9.40	0.10	0.20	2.20	2.50	1.05	1.21	160	2	
19/06/2018	27/06/2018	181208	12/07/2018	5	12	5	8.10	0.30	16.50	1.70	18.10	5.91	1.32	273	5000	
03/07/2018	11/07/2018	181303	12/07/2018	20	43	5	9.50	0.10	0.80	4.10	4.90	1.76	1.16	711	6	TSS impacted by maturation pond algae
17/07/2018	26/07/2018	181395	30/07/2018	14	36	5	9.40	0.10	1.90	2.80	4.70	1.59	1.18	232	2	TSS impacted by maturation pond algae
31/07/2018	09/08/2018	181479	09/08/2018	15	40	6	9.70	0.10	1.40	2.70	4.10	1.49	1.15	291	2.00	TSS impacted by maturation pond algae
14/08/2018	22/08/2018	181570	23/08/2018	9	18	5	9.10	0.50	2.50	3.10	5.60	1.74	1.20	102	18.00	
28/08/2018	28/08/2018	181666	12/09/2018	6	12	7	9.00	0.10	3.10	2.30	5.40	1.89	1.27	58	22	
11/09/2018	19/09/2018	181758	24/09/2018	10	27	5	9.10	0.21	2.75	2.70	5.40	1.78	1.27	123	46	
25/09/2018	03/10/2018	192560	03/10/2018	7	70	5	9.20	0.17	1.34	3.70	5.04	1.48	1.30	200	53	TSS impacted by maturation pond algae
09/10/2018	19/10/2018	193342	26/10/2018	6	160	5	9.50	0.01	0.01	4.16	4.19	1.06	1.25	186	80	TSS impacted by maturation pond algae
23/10/2018	31/10/2018	193868	01/11/2018	9	49	5	9.20	0.19	0.04	3.20	3.74	1.04	1.24	172	34	TSS impacted by maturation pond algae
07/11/2018	17/11/2018	194838	23/11/2018	8	53	5	9.40	0.01	0.01	3.71	3.74	1.04	1.27	312	71	TSS impacted by maturation pond algae
20/11/2018	29/11/2018	195385	30/11/2018	7	17	5	9.20	0.35	0.03	2.68	2.71	0.99	1.30	267	24	
04/12/2018	12/12/2018	196125	14/12/2018	6	37	5	9.30	0.01	0.01	2.57	2.59	0.99	1.27	97	20	TSS impacted by maturation pond algae
18/12/2018	28/12/2018	196741	03/01/2019	4	45	5	9.20	0.01	0.01	2.47	2.78	0.93	1.24	100	9.00	TSS impacted by maturation pond algae
02/01/2019	10/01/2019	197236	11/01/2019	4	32	5	9.40	0.01	0.01	2.22	2.28	0.74	1.20	68	35	TSS impacted by maturation pond algae
15/01/2019	24/01/2019	197906	24/01/2019	6	33	5	9.30	0.24	0.03	2.62	3.09	0.44	1.18	117	2.00	TSS impacted by maturation pond algae
29/01/2019	30/01/2019	198492	07/02/2019	5	34	5	9.20	0.20	0.02	2.88	3.03	0.48	1.21	85	60	TSS impacted by maturation pond algae
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12/02/2019	21/02/2019	199303	22/02/2019	5	42	5	9.40	0.01	0.01	3.41	3.41	0.48	1.25	121	24	TSS impacted by maturation pond algae
26/02/2019	08/03/2019	200185	08/03/2019	5	38		9.40	0.01	0.01	2.71	2.71	0.37	1.29	107	23	TSS impacted by maturation pond algae
05/03/2019	13/03/2019	200515	23/03/2020			5										
12/03/2019	22/03/2019	200932	22/03/2019	3	46	5	9.30	0.01	0.01	2.57	2.58	0.39	1.26	103	60	TSS impacted by maturation pond algae
26/03/2019	10/04/2019	202014	17/04/2019	4	31	5	9.20	0.01	0.01	2.45	2.77	0.42	1.34	105	84	TSS impacted by maturation pond algae
09/04/2019	26/04/2019	202881	26/04/2019	5	37	5	9.60	0.01	0.01	2.04	2.56	0.38	1.17	94	16	TSS impacted by maturation pond algae
23/04/2019	21/05/2019	203988	23/05/2019	2	30	5	8.70	0.01	0.88	1.54	2.64	0.36	1.24	27	1	
07/05/2019	21/05/2019	203886	23/05/2019	4	43	5	9.50	0.01	0.01	2.59	3.04	0.62	1.19	138	63	TSS impacted by maturation pond algae
21/05/2019	31/05/2019	204566	31/05/2019	5	39	5	9.40	0.01	0.01	3.50	3.57	0.99	1.20	155	34	TSS impacted by maturation pond algae
04/06/2019	17/06/2019	205324	20/06/2019	5	46	8	9.40	0.01	0.04	3.17	3.44	1.12	1.17	157	29	TSS impacted by maturation pond algae
18/06/2019	28/06/2019	205953	01/07/2019	7	52	5	9.40	0.01	0.23	3.43	4.27	1.32	1.15	262	88	TSS impacted by maturation pond algae
02/07/2019	11/07/2019	206582	12/07/2019	8	53	5	9.40	0.01	0.50	3.10	3.76	1.43	1.16	222	13	TSS impacted by maturation pond algae
16/07/2019	27/07/2019	207506	31/07/2019	9	77	5	9.50	0.01	0.52	3.56	4.08	1.45	1.15	199	3	TSS impacted by maturation pond algae
30/07/2019	07/08/2019	207973	08/08/2019	12	40	5	9.50	0.05	0.22	2.66	2.90	1.36	1.15	137	2	TSS impacted by maturation pond algae
13/08/2019	10/09/2019	209670	12/09/2019	8	29	5	9.00	0.77	1.33	2.71	4.57	1.74	1.24	152	25	
27/08/2019	06/09/2019	209430	12/09/2019	7	29	5	9.10	0.35	0.22	2.41	4.00	1.62	1.25	74	650	
10/09/2019	20/09/2019	201200	20/02/2019	7	39	5	9.00	0.33	1.45	2.46	4.17	1.74	1.34	102	72	TSS impacted by maturation pond algae
24/09/2019	03/10/2019	210776	04/10/2019	6	43	5	9.00	0.39	0.01	3.65	4.03	1.8	1.37	69	150	TSS impacted by maturation pond algae
08/10/2019	16/10/2019	ES1932885	18/10/2019	4	88	5	9.06	1.07	0.01	3.80	3.80	1.3	1.56	320	320	TSS impacted by maturation pond algae
22/10/2019	01/11/2019	ES1934783	06/11/2019	7	62	6	9.15	0.1	0.02	3.00	3.00	1.15	1.42	240	240	TSS impacted by maturation pond algae
07/11/2019	15/11/2019	ES1936754	15/11/2019	7	74	5	9.12	0.02	0.01	5.00	5.00	1.43	1.46	3100	3100	TSS impacted by maturation pond algae
19/11/2019	28/11/2019	ES1938322	06/12/2019	3	32	9	9.28	0.04	0.01	1.50	1.50	0.82	1.42	1100	1100	TSS impacted by maturation pond algae
03/12/2019	12/12/2019	ES1940096	12/12/2019	9	50	5	9.09	0.09	0.01	2.70	2.70	0.97	1.42	610	610	TSS impacted by maturation pond algae
17/12/2019	27/12/2019	ES1942020	13/01/2020	5	68	5	8.97	0.01	0.01	3.10	3.10	0.92	1.42	980	980	TSS impacted by maturation pond algae
02/01/2020	09/01/2020	ES2000063	13/01/2020	7	19	6	9.11	0.01	0.01	3.70	3.70	0.74	1.45	650	650	
14/01/2020	23/01/2020	ES2001073	24/01/2020	9	78	5	9.16	0.01	0.01	6.00	6.00	0.84	1.41	400	400	TSS impacted by maturation pond algae
28/01/2020	05/02/2020	ES2002787	12/02/2020	6	30	9	9.26	0.04	0.01	2.80	2.80	0.48	1.35	230	230	

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand, mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Chlorophyll a ug/L	Faecal Coliforms cfu/100mL	Comments
11/02/2020	20/02/2020	ES2004744	26/02/2020	9	63	5	9.12	0.02	0.12	6.80	6.90	0.54	1.26	-	30	TSS impacted by maturation pond algae
25/02/2020	05/03/2020	ES2006617	10/03/2020	5	44	5	9.11	0.04	0.01	2.10	2.10	0.8	1.08	-	20	TSS impacted by maturation pond algae
10/03/2020	18/03/2020	ES2008357	20/03/2020	6	36	5	9.11	0.05	0.02	3.80	3.80	0.78	1.14	-	46	TSS impacted by maturation pond algae
24/03/2020	01/04/2020	ES2010285	03/04/2020	3	19	5	9.15	0.11	0.06	1.80	1.90	0.66	1.16	-	60	
07/04/2020	17/04/2020	ES2012059	23/04/2020	5	45	5	9.04	0.02	0.03	5.70	5.70	0.89	1.12	-	60	TSS impacted by maturation pond algae
21/04/2020	29/04/2020	ES2013533	01/05/2020	4	36	5	9.19	0.04	0.01	2.50	2.50	0.72	1.13	-	110	TSS impacted by maturation pond algae
05/05/2020	05/05/2020	ES2015355	14/05/2020	6	48	5	9.26	0.02	0.01	4.70	4.70	0.97	1.1	-	40	TSS impacted by maturation pond algae
19/05/2020	27/05/2020	ES2017259	02/06/2020	7	60	5	9.30	0.03	0.01	3.40	3.40	1.13	1.14	-	14	TSS impacted by maturation pond algae
02/06/2020	11/06/2020	ES2019150	12/06/2020	8	42	5	9.15	0.02	0.03	4.30	4.30	1.5	1.12	-	28	TSS impacted by maturation pond algae
16/06/2020	24/06/2020	ES2020868	25/06/2020	9	55	5	8.88	0.01	0.06	4.70	4.80	1.85	1.17	-	14	TSS impacted by maturation pond algae
30/06/2020	07/07/2020	ES2022673	13/07/2020	9	33	5	8.58	0.09	0.8	3.70	4.50	2.26	1.15	-	50	TSS impacted by maturation pond algae
14/07/2020	21/07/2020	ES2024251	23/07/2020	5	34	11	8.60	0.25	1.77	3.00	4.80	2.57	1.16	-	10	TSS impacted by maturation pond algae
28/07/2020	07/08/2020	ES2026276	11/08/2020	10	30	5	8.50	0.34	1.67	3.20	4.90	2.43	1.18	-	28	
11/08/2020	19/08/2020	ES2028033	26/08/2020	9	7	5	8.13	0.14	1.49	3.30	4.80	2.54	1.14	-	20	
25/08/2020	02/09/2020	ES2029955	09/09/2020	3	33	5	8.74	0.11	0.69	3.50	4.20	2.08	1.27	-	20	TSS impacted by maturation pond algae
08/09/2020	16/09/2020	ES2031741	17/09/2020	9	72	5	8.82	0.16	0.08	2.70	2.80	1.44	1.17	-	44	TSS impacted by maturation pond algae
22/09/2020	30/09/2020	ES2033505	02/10/2020	5	50	5	8.48	0.36	0.45	1.40	1.80	1.98	1.22	-	150	TSS impacted by maturation pond algae
06/10/2020	14/10/2020	ES2035009	16/10/2020	2	47	5	9.03	0.01	0.04	2.60	2.60	1.32	1.31	-	250	TSS impacted by maturation pond algae
20/10/2020	28/10/2020	ES2036902	30/10/2020	6	52	5	9.04	0.02	0.01	5.00	5.00	1.65	1.25	-	74	TSS impacted by maturation pond algae
04/11/2020	13/11/2020	ES2039023	18/11/2020	5	77	5	9.21	0.04	0.15	4.60	4.80	1.22	1.04	-	20	TSS impacted by maturation pond algae
17/11/2020	26/11/2020	ES2040988	27/11/2020	2	22	5	9.29	0.03	0.09	2.00	2.10	0.69	1.14	-	2	
01/12/2020	09/12/2020	ES2042657	10/12/2020	5	67	5	9.56	0.02	0.02	3.40	3.40	0.91	1.07	-	260	TSS impacted by maturation pond algae
15/12/2020	30/12/2020	ES2044724	11/01/2021	4	118	5	9.30	0.03	0.01	7.50	7.50	1.05	1.09	-	64	TSS impacted by maturation pond algae
29/12/2020	07/01/2021	ES2046068	11/01/2021	2	49	5	9.63	0.02	0.05	3.10	3.20	0.63	1.05	-	60	TSS impacted by maturation pond algae
06/01/2021	13/01/2021	ES2100523	15/01/2021	3	58	5	9.36	0.02	0.01	3.80	3.80	0.71	1	-	10	TSS impacted by maturation pond algae
19/01/2021	28/01/2021	ES2101853	01/02/2021	4	45	5	9.53	0.02	0.02	3.40	3.40	0.79	1.02	-	17	TSS impacted by maturation pond algae
Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand, mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Chlorophyll a ug/L	Faecal Coliforms cfu/100mL	Comments
02/02/2021	09/02/2021	ES2103500	11/02/2021	3	30	5	9.33	0.01	0.02	2.60	2.60	0.74	1.05	-	22	
16/02/2021	24/02/2021	ES2105534	26/02/2021	4	42	5	9.19	0.03	0.01	3.00	3.00	0.96	1.1	-	36	TSS impacted by maturation pond algae
02/03/2021	09/03/2021	ES2107469	12/03/2021	6	26	6	9.08	0.02	0.01	2.70	2.70	0.81	1.15	-	35	
16/03/2021	24/03/2021	ES2109398	26/03/2021	5	35	11	8.96	0.03	<0.01	2.60	2.60	0.91	1.15	-	~82	TSS impacted by maturation pond algae
30/03/2021	09/04/2021	ES2111746	16/04/2021	5	44	<5	9.02	0.03	0.01	2.60	2.60	1.26	1.03	-	~60	TSS impacted by maturation pond algae
13/04/2021	21/04/2021	ES2113615	23/04/2021	2	26	<5	9.24	0.02	<0.01	2.20	2.20	1.00	1	-	26	
27/04/2021	06/05/2021	ES2115719	10/05/2021	3	29	<5	9.27	0.02	<0.01	1.60	1.60	0.97	1	-	40	
11/05/2021	20/05/2021	ES2117930	21/05/2021	4	32	<5	9.05	0.04	0.05	2.10	2.20	1.14	1.06	-	21	TSS impacted by maturation pond algae
25/05/2021	02/06/2021	ES2119667	04/06/2021	2	20	<5	9.11	0.02	0.02	0.40	1.40	1.17	1.09	-	~50	
08/06/2021	17/06/2021	ES2121589	18/06/2021	74	41	<5	9.22	0.04	0.12	2.10	2.20	1.27	1.02	-	16	BOD & TSS impacted by maturation pond algae
22/06/2021	01/07/2021	ES2123278	02/07/2021	7	42	<5	8.79	0.06	2.63	3.10	5.70	2.19	0.97	-	~6	TSS impacted by maturation pond algae
06/07/2021	15/07/2021	ES2125000	15/07/2021	11	46	<5	8.74	<0.01	0.51	4.20	4.70	1.88	0.95	-	~6	TSS impacted by maturation pond algae
20/07/2021	11/08/2021	ES2126708	16/08/2021	11	65	<5	8.77	0.05	2.78	3.3	6.1	2.39	0.98	-	~2	TSS impacted by maturation pond algae
03/08/2021	11/08/2021	ES2128189	16/08/2021	7	46	<5	8.96	0.13	2.18	3.20	5.40	1.95	1	-	~85	TSS impacted by maturation pond algae
17/08/2021	31/08/2021	ES2130552	01/09/2021	4	27	<5	8.58	0.89	1.88	3.80	5.70	1.89	1.13	-	~4	
01/09/2021	09/09/2021	ES2131853	13/09/2021	4	10	8	8.13	1.66	0.95	3.50	4.40	2.46	1.23	-	~95	
14/09/2021	23/09/2021	ES2133531	27/09/2021	5	34	<5	8.82	0.09	0.24	3.00	3.20	1.62	1.18	-	~66	TSS impacted by maturation pond algae
28/09/2021	07/10/2021	ES2135120	13/10/2021	4	43	<5	8.85	0.03	0.01	2.20	2.20	1.37	1.25	-	~21	TSS impacted by maturation pond algae
12/10/2021	20/10/2021	ES2136831	22/10/2021	2	58	5	8.94	0.02	<0.01	4.40	4.40	1.74	1.25	-	~69	TSS impacted by maturation pond algae
26/10/2021	03/11/2021	ES2138830	05/11/2021	3	55	<5	8.64	0.02	<0.01	2.80	2.80	1.58	1.24	-	~96	TSS impacted by maturation pond algae
09/11/2021	17/11/2021	ES2140594	22/11/2021	2	29	<5	9.03	<0.01	<0.01	2.20	2.20	1.19	1.18	-	~40	
23/11/2021	01/12/2021	ES2142595	03/12/2021	6	46	<5	9.21	<0.01	<0.01	4.00	4.00	1.61	1.06	-	~46	TSS impacted by maturation pond algae
07/12/2021	15/12/2021	ES2144729	17/12/2021	5	64	<5	9.34	0.03	0.4	4.50	4.90	1.62	0.79	-	~44	TSS impacted by maturation pond algae
21/12/2021	04/01/2022	ES2146708	06/01/2022	<2	32	<5	9.48	0.03	0.03	1.90	1.90	0.86	0.81	-	~30	TSS impacted by maturation pond algae
04/01/2022	12/01/2022	ES2200146	14/01/2022	2	28	<5	9.14	0.03	<0.01	2.60	2.60	0.91	1	-	~6	
18/01/2022	25/01/2022	ES2201628	28/01/2022	2	34	<5	9.23	0.02	<0.01	2.90	2.90	0.82	0.96	-	~13	TSS impacted by maturation pond algae

Units of measure Key  
unit full wording  
mg/L milligram per litre  
pH pH  
u S/cm micro Siemens per centime  
cfu/100mL coliforms detected per 100

Secondary Effluent Quirindi Sewer Treatment Plant - Monitoring Point 2

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand <sub>5</sub> mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Faecal Coliforms cfu/100mL	Comments
11/02/2014	21/02/2014	140255		4	8	<5	8.1	0.34	19.70	4.80	24.50	7.40	1.34	39000	
25/02/2014	07/03/2014	140331		3	7	<5	8.1	0.03	18.10	2.20	20.30	5.86	1.28	15000	
11/03/2014	20/03/2014	140434		5	8	<5	8.1	0.31	17.90	1.60	19.50	6.75	1.36	4500	
25/03/2014	02/04/2014	140525		<2	4	<5	8.1	0.10	19.30	1.80	21.10	6.53	1.24	12000	
08/04/2014	17/04/2014	140620		<2	3	<5	8.1	0.10	15.70	0.50	16.20	6.67	1.20	4900	
22/04/2014	05/05/2014	140695		3	2	<5	8.0	0.10	21.90	0.60	22.60	6.07	1.27	29000	
06/05/2014	06/05/2014	140784		10	34	<5	8.0	6.30	19.80	7.60	27.50	6.48	1.27	630000	
20/05/2014	27/05/2014	140871		3	2	<5	8.1	0.40	21.40	5.20	26.60	6.47	1.32	3300	
03/06/2014	11/06/2014	140943		2	4	<5	8.0	0.20	20.80	1.50	22.40	6.59	1.22	4900	
17/06/2014	30/06/2014	141026		3	3	<5	8.0	0.20	31.30	0.80	32.10	5.69	1.23	11000	
01/07/2014	09/07/2014	141106		4	5	<5	8.0	0.30	21.00	1.80	22.80	5.96	1.26	80000	
15/07/2014	31/07/2014	141202		6	13	<5	7.9	0.50	20.80	8.00	28.80	7.73	1.33	43000	
29/07/2014	06/08/2014	141285		<2	9	<5	7.9	0.30	16.00	<0.1	15.90	5.60	1.12	70000	
12/08/2014	22/08/2014	141362		3	3	<5	8.0	0.30	25.20	2.20	27.40	7.06	1.26	12000	
26/08/2014	04/09/2014	141445		2	4	<5	8.0	0.30	24.70	<0.1	23.20	6.61	1.25	15000	
09/09/2014	17/09/2014	141525		3	8	<5	8.0	0.20	24.00	0.30	24.20	7.07	1.27	22000	
23/09/2014	01/10/2014	141621		6	8	<5	8.0	0.70	17.40	5.40	22.80	6.45	1.32	60000	
07/10/2014	21/10/2014	141687		4	9	<5	8.0	0.20	23.90	1.80	25.70	7.45	1.34	2000	
21/10/2014	31/10/2014	141785		2	9	<5	8.2	0.30	20.30	2.50	22.80	7.34	1.26	18000	
05/11/2014	17/11/2014	141887		6	6	6	8.0	1.00	18.10	2.00	20.10	8.01	1.40	54000	
18/11/2014	27/11/2014	141963		2	3	<5	8.1	0.20	22.60	<0.1	22.00	6.26	1.42	2400	
02/12/2014	10/12/2014	142042		3	8	<5	8.1	0.70	19.40	2.30	21.70	6.02	1.35	7100	
16/12/2014	05/01/2015	142156		3	3	<5	8.0	0.30	13.60	1.50	15.10	7.10	1.31	13000	

Date	Date Results Report	Laboratory	Date	Biological mg/L	Total mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as mg/L	Nitrates + mg/L	Kjeldahl mg/L	Total mg/L	Total mg/L	Conductivity uS/cm	Faecal cfu/100mL	Comments
03/02/2015	12/02/2015	150225		3	8	<5	8.2	0.20	21.60	2.80	24.40	6.99	1.36	30000	
03/02/2015	12/02/2015	150225		3	8	<5	8.2	0.20	21.60	2.80	24.40	6.99	1.36	30000	
17/02/2015	26/02/2015	150323		4	10	<5	8.1	0.50	3.00	6.80	9.80	1.30	1.30	6000	
03/03/2015	12/03/2015	150424		3	9	21	8.1	0.20	15.10	2.40	17.60	6.75	1.27	8600	
17/03/2015	27/03/2015	150516		5	11	<5	8.1	<0.1	<0.1	24.80	24.80	6.33	1.33	31000	
31/03/2015	09/04/2015	150598		2	4	<5	8.1	0.20	20.90	1.20	22.00	5.74	1.33	24000	
14/04/2015	23/04/2015	150674		5	6	<5	8.1	0.50	19.00	2.10	21.10	6.52	1.31	4800	
28/04/2015	07/05/2016	150761		3	6	<5	8.1	0.50	17.20	2.80	20.00	6.52	1.25	17000	
12/05/2015	22/05/2015	150843		5	5	<5	8.0	0.60	25.10	<0.1	25.20	6.31	1.32	10000	
26/05/2015	04/06/2016	150927		3	2	<5	8.0	0.50	19.70	2.50	22.20	6.08	1.25	4400	
09/06/2015	19/06/2015	151006		4	5	<5	8.0	0.70	24.40	2.60	27.00	6.56	1.30	2200	
26/06/2015	02/07/2015	151128		6	6	<5	8.0	0.70	2.90	19.10	22.00	6.89	1.20	360000	
07/07/2015	16/07/2015	151203		<2	4	10	8.1	0.40	25.10	0.90	26.00	6.87	1.33	20000	
21/07/2015	28/07/2015	151300		3	11	7	8.0	0.30	18.90	1.00	19.90	7.18	1.27	16000	
04/08/2015	12/08/2015	151384		3	5	<5	8.0	0.40	20.70	2.30	23.00	6.79	1.24	26000	
18/08/2015	26/08/2015	151485		3	4	10	8.0	0.30	21.80	1.80	23.60	7.00	1.28	29000	
01/09/2015	10/09/2015	151551		3	9	<5	8.0	0.20	20.80	3.20	24.00	6.43	1.29	5000	
15/09/2015	27/09/2015	151653		5	5	<5	7.9	1.70	16.90	4.40	21.30	7.51	1.35	28000	
29/09/2015	09/10/2015	151747		4	4	<5	8.0	0.40	18.50	0.90	19.40	6.72	1.38	1400	
13/10/2015	22/10/2015	151842		2	2	<5	8.1	0.30	21.90	3.40	25.30	6.02	1.45	1300	
27/10/2015	04/11/2015	151931		4	11	<5	8.1	0.60	21.00	0.70	21.70	6.13	1.27	18000	
10/11/2015	19/11/2015	152019		4	4	<5	8.1	0.70	16.40	1.40	17.80	5.77	1.26	17000	
24/11/2015	03/12/2015	152109		3	3	11	8.1	0.30	17.30	0.70	18.00	5.90	1.38	13000	
08/12/2015	23/12/2015	152224		6	5	<5	8.0	0.80	23.00	8.00	31.00	6.79	1.41	N/A	
15/12/2015	04/01/2016	152305		6	8	<5	8.2	0.70	17.80	1.70	19.50	6.19	1.36	1400	
05/01/2016	12/01/2016	160043		4	7	<5	8.1	0.20	19.80	0.60	20.40	6.46	1.33	23000	

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16/02/2016	26/02/2016	160335		3	3	<5	8.1	0.20	17.70	0.90	18.60	5.92	1.38	11000	
01/03/2016	09/03/2016	160436		<2	4	<5	8.1	0.10	15.30	1.10	16.40	5.18	1.41	3400	
15/03/2016	24/03/2016	160556		2	3	<5	8.1	0.20	13.10	1.60	14.70	6.08	1.36	6600	
29/03/2016	07/04/2016	160639		4	5	<5	8.1	0.10	16.00	1.60	17.60	6.75	1.31	1300	
12/04/2016	20/04/2016	160773		6	7	<5	8.0	1.10	17.80	7.20	25.00	6.70	1.38	7500	
26/04/2016	06/05/2016	160859		3	5	<5	8.2	0.40	21.10	1.80	22.90	6.65	1.34	7400	
10/05/2016	17/05/2016	160974		5	3	<5	8.1	0.40	22.40	1.40	23.80	7.11	1.29	31000	
24/05/2016	01/06/2016	161063		3	3	<5	8.0	0.37	19.30	1.70	21.00	5.98	1.32	13000	
08/06/2016	21/06/2016	161174		4	4	<5	7.8	0.42	14.50	2.60	17.10	5.96	1.06	64000	
21/06/2016	05/07/2016	161268		4	3	<5	7.9	0.63	14.10	2.30	16.10	1.39	1.01	140000	
05/07/2016	14/07/2016	161373		7	9	<5	8.0	1.10	21.60	3.70	25.30	6.42	1.26	33000	
19/07/2016	27/07/2016	161487		4	6	<5	8.0	0.60	20.80	2.70	23.50	6.94	1.32	18000	
02/08/2016	11/08/2016	161576		6	7	<5	8.1	<0.1	4.40	3.60	25.10	8.10	1.30	25800	
16/08/2016	23/08/2016	161684		4	8	<5	8.0	0.20	19.40	3.10	22.50	7.11	1.29	170000	
30/08/2016	09/09/2016	161782		3	5	<5	8.0	0.30	23.10	3.50	26.60	7.02	1.21	18000	
13/09/2016	21/09/2016	161893		3	5	<5	8.0	0.40	14.50	2.70	17.20	6.47	1.23	85000	
27/09/2016	06/10/2016	162013		2	2	<5	8.0	0.20	15.50	1.80	17.30	5.35	1.19	58000	
11/10/2016	18/10/2016	162126		3	4	<5	8.0	0.30	17.70	0.20	17.90	5.98	1.27	54000	
25/10/2016	02/11/2016	162236		<2	3	<5	8.1	0.10	10.60	1.00	11.60	5.10	1.02	31000	
08/11/2016	16/11/2016	162342		3	3	<5	8.0	0.50	18.10	0.40	18.50	5.54	1.27	5300	
22/11/2016	30/11/2016	162448		4	5	<5	8.0	0.50	15.00	1.40	16.40	5.26	1.28	21000	
06/12/2016	16/12/2016	162565		6	8	<5	8.1	0.90	16.70	1.90	18.60	6.54	1.38	18000	
13/12/2016	22/12/2016	162634		4	7	<5	9.1	0.50	14.30	1.70	16.00	6.33	1.32	6100	



Date	Date Results Report	Laboratory	Date	Biological mg/L	Total mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as mg/L	Nitrates + mg/L	Kjeldahl mg/L	Total mg/L	Total mg/L	Conductivity uS/cm	Faecal cfu/100mL	Comments
31/01/2017	09/02/2017	170224		4	5	<5	8.0	0.30	14.20	1.00	15.20	6.05	1.23	82000	
14/02/2017	23/02/2017	170331		5	7	5	8.1	0.21	16.80	2.70	19.50	5.54	1.23	60000	
28/02/2017	08/03/2017	170434		4	11	5	8.1	0.20	20.40	3.40	23.80	4.89	1.24	18000	
14/03/2017	28/03/2017	170541		5	8	5	7.9	0.47	17.30	2.60	19.90	6.06	1.22	12000	
28/03/2017	05/04/2017	170646		2	4	5	8.1	0.40	13.50	0.70	14.10	5.60	1.14	98000	
11/04/2017	21/04/2017	170772		3	6	5	8.1	0.60	16.00	2.70	18.70	5.34	1.17	10000	
26/04/2017	05/05/2017	170892		5	9	5	8.0	2.60	7.10	3.80	10.90	5.35	1.12	110000	
09/05/2017	19/05/2017	170982		4	16	5	8.1	0.30	15.30	1.40	16.70	5.68	1.23	34000	
23/05/2017	31/05/2017	171082		4	5	5	8.0	0.50	12.80	3.80	16.50	5.78	1.12	25000	
06/06/2017	15/06/2017	171186		3	4	5	8.0	0.49	21.10	1.50	22.60	5.31	1.25	50000	
20/06/2017	28/06/2017	171305		3	5	5	7.8	0.20	12.60	4.70	17.30	6.56	1.24	23000	
04/07/2017	12/07/2017	171430		4	6	5	7.9	0.30	19.30	3.30	22.60	6.04	1.25	50000	
18/07/2017	27/07/2017	171554		3	4	5	8.0	0.10	12.90	0.60	14.00	5.95	1.22	30000	
01/08/2017	09/08/2017	171651		3	5	5	8.0	0.20	17.00	1.40	18.40	5.84	1.27	21000	
15/08/2017	28/08/2017	171753		4	4	5	8.0	0.50	19.30	<0.1	18.00	6.13	1.25	240000	
29/08/2017	29/08/2017	171843		2	3	5	8.0	0.10	16.20	0.90	17.10	6.08	1.30	13000	
12/09/2017	25/09/2017	171956		2	5	5	8.0	0.20	14.70	4.90	19.60	6.00	1.31	34000	
26/09/2017	06/10/2017	172071		3	5	5	8.0	0.20	14.10	0.10	14.20	5.66	1.32	48000	
10/10/2017	18/10/2017	172188		12	9	5	7.1	2.80	36.70	3.80	40.40	6.98	0.86	170000	
24/10/2017	01/11/2017	172302		3	4	5	8.1	0.40	12.70	1.70	14.40	4.95	1.23	83000	
08/11/2017	20/11/2017	172414		2	5	5	8.1	0.30	10.90	2.10	13.00	5.67	1.25	64000	
21/11/2017	30/11/2017	172494		3	16	5	9.0	0.10	8.40	0.90	9.30	2.79	1.22	22000	
04/12/2017	15/12/2017	172600		2	5	5	7.9	0.10	7.40	0.90	8.30	5.00	1.08	10000	
18/12/2017	04/01/2018	172743		4	6	5	8.0	0.15	12.00	2.70	14.70	3.73	1.28	16000	
30/01/2018	07/02/2018	180235		5	7	5	8.1	0.2	12.8	0.4	13.2	5.44	1.31	28000	

Date	Date Results Report	Laboratory	Date	Biological mg/L	Total mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as mg/L	Nitrates + mg/L	Kjeldahl mg/L	Total mg/L	Total mg/L	Conductivity uS/cm	Faecal cfu/100mL	Comments
13/02/2018	27/02/2018	180327		6	7	<5	8.1	0.9	15.6	4.0	19.6	5.28	1.35	~500	
26/02/2018	06/03/2018	180417		4	6	<5	8.1	0.3	11.1	1.6	12.7	5.58	1.20	150000	
13/03/2018	21/03/2018	180517		2	4	<5	8.1	0.2	14.7	0.5	15.2	5.59	1.24	100000	
27/03/2018	09/04/2018	180639		3	5	<5	8.1	0.41	12.60	1.60	14.20	5.19	1.28	38000	
10/04/2018	24/04/2018	180728		4	10	<5	8.0	0.30	12.50	2.60	16.10	6.70	1.23	56000	
23/04/2018	02/05/2018	180818		3	12	<5	8.1	0.48	11.50	3.10	14.60	7.50	1.27	5400	
08/05/2018	16/05/2018	180914		4	11	<5	8.1	0.10	10.70	1.50	12.10	6.11	1.28	7300	
22/05/2018	31/05/2018	181016	18/16/2018	4	7	<5	8.0	0.30	13.90	1.60	15.50	5.38	1.30	34000	
05/06/2018	20/06/2018	181115	12/07/2018	6	7	<5	8.0	0.30	14.10	0.50	14.60	5.42	1.30	15000	
19/06/2018	27/06/2018	181208	12/07/2018	5	12	<5	8.1	0.30	16.50	1.70	18.10	5.91	1.32	~5000	
03/07/2018	11/07/2018	181303	12/07/2018	4	6	<5	7.9	0.30	15.20	1.30	16.40	6.31	1.28	46000	
17/07/2018	26/07/2018	181395	30/07/2018	7	11	5	7.9	1.20	14.50	2.00	16.40	5.77	1.28	26000	
31/07/2018	09/08/2018	181479	09/08/2018	5	13	<5	8.0	0.30	17.60	0.90	18.50	6.03	1.30	53000	
14/08/2018	22/08/2018	181570	23/08/2018	5	12	<5	8.0	0.20	17.8	1.2	19.00	6.20	1.31	34000	
28/08/2018	28/08/2018	181666	12/09/2018	5	7	6	8.1	0.30	13.5	1.7	15.20	6.51	1.30	49000	
11/09/2018	19/09/2018	181758	24/09/2018	5	27	<5	8.0	0.29	15.5	1.8	17.30	4.15	1.29	4100	
25/09/2018	03/10/2018	192560	03/10/2018	5	7	<5	7.8	-	-	-	12.60	4.05	1.43	~11000	
09/10/2018	19/10/2018	193342	26/10/2018	5	4	-	-	-	-	-	-	-	-	-	
23/10/2018	31/10/2018	193868	01/11/2018	3	10	<5	7.8	-	-	-	13.70	5.25	1.30	~840	
07/11/2018	17/11/2018	194838	23/11/2018	5	9	-	-	-	-	-	-	-	-	-	
20/11/2018	29/11/2018	195385	30/11/2018	5	5	<5	7.8	-	-	-	14.80	6.00	1.37	~3000	
04/12/2018	12/12/2018	196125	14/12/2018	4	10	-	-	-	-	-	-	-	-	-	
18/12/2018	28/12/2018	196741	03/01/2019	6	14	<5	7.7	-	-	-	9.44	4.70	1.24	~1000	
02/01/2019	10/01/2019	197236	11/01/2019	5	9	-	-	-	-	-	-	-	-	-	
15/01/2019	24/01/2019	197906	24/01/2019	6	17	<5	7.8	-	-	-	13.10	5	1	2500	
29/01/2019	30/01/2019	198492	07/02/2019	3	13	-	-	-	-	-	-	-	-	-	
Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand <sub>5</sub> mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Faecal Coliforms cfu/100mL	Comments
12/02/2019	21/02/2019	199303	22/02/2019	2	13	5	7.80				13.20	7	1.32	16000.00	
26/02/2019	08/03/2019	200185	08/03/2019	7	20										
12/03/2019	22/03/2019	200932	22/03/2019	6	8	5	7.80				14.80	5.88	1.26	8400.00	
26/03/2019	10/04/2019	202014	17/04/2019	2	4										
09/04/2019	26/04/2019	202681	26/04/2019	7	11	5	7.80				15.1	4.64	1.25	9200	
23/04/2019	21/05/2019	203988	23/05/2019	2	21										
07/05/2019	21/05/2019	203886	23/05/2019	3	6	5	7.80				11.00	4.65	1.12	42000	
21/05/2019	31/05/2019	204566	31/05/2019	5	6										
04/06/2019	17/06/2019	205324	20/06/2019	6	9	8	7.80				13.7	4.8	1.25	47000	
18/06/2019	28/06/2019	205953	01/07/2019	3	5										
02/07/2019	11/07/2019	206582	12/07/2019	7	7	5	7.80				10.30	5.40	1.31	44000	
16/07/2019	27/07/2019	207506	31/07/2019	2	5										
30/07/2019	07/08/2019	207973	08/08/2019	4	6	5	7.80				13.3	5.48	1.35	9000	
13/08/2019	10/09/2019	209670	12/09/2019	5	6										
27/08/2019	06/09/2019	209430	12/09/2019	3	9	5	7.60				1.89	5.84	1.37	17000	
10/09/2019	20/09/2019	201200	20/02/2019	4	7										
24/09/2019	03/10/2019	210776	04/10/2019	6	7	5	7.80				14	4.6	1.4	4700	
08/10/2019	16/10/2019	ES1932885	18/10/2019	2	8										
22/10/2019	01/11/2019	ES1934783	06/11/2019	4	12	5	8.33	0.15	10.7	2.1	12.8	3.24	1.46	6100	
07/11/2019	15/11/2019	ES1934783	15/11/2019	2	10										
19/11/2019	28/11/2019	ES1938322	06/12/2019	3	5	5	8.27	0.82	10.2	2.5	12.7	3.04	1.44	65000	
03/12/2019	12/12/2019	ES1940096	12/12/2019	6	5										
17/12/2019	27/12/2019	ES1942020	13/01/2020	4	19	5	8.19	0.1	11.7	3.1	14.8	4.39	1.32	3400	
02/01/2020	09/01/2020	ES2000063	13/01/2020	7	8										
14/01/2020	23/01/2020	ES2001073	24/01/2020	7	5	5	8.24	0.08	20.20	2.90	23.10	6.28	1.37	21000	
28/01/2020	05/02/2020	ES2002787	12/02/2020	3	9										

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand <sub>5</sub> mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Faecal Coliforms cfu/100mL	Comments
11/02/2020	20/02/2020	ES2004744	26/02/2020	3	6	5	8.31	0.19	12.8	2.8	15.6	4.54	1.13	2000	
25/02/2020	05/03/2020	ES2006617	10/03/2020	5	16	-	-	-	-	-	-	-	-	-	
10/03/2020	18/03/2020	ES2008357	20/03/2020	2	8	5	8.24	0.13	18.6	3.6	22.2	4.78	1.23	33000	
24/03/2020	01/04/2020	ES2010285	03/04/2020	3	5	-	-	-	-	-	-	-	-	-	
07/04/2020	17/04/2020	ES2012059	23/04/2020	2	6	5	8.11	0.06	10.2	2.4	12.6	3.89	1.08	22000	
21/04/2020	29/04/2020	ES2013533	01/05/2020	3	6	-	-	-	-	-	-	-	-	-	
05/05/2020	05/05/2020	ES2015355	14/05/2020	3	12	5	8.31	0.13	10.8	4	14.8	5.6	1.23	14000	
19/05/2020	27/05/2020	ES2017259	02/06/2020	5	12	-	-	-	-	-	-	-	-	-	
02/06/2020	11/06/2020	ES2019150	12/06/2020	8	10	5	8.22	0.49	11.6	4.2	15.8	5.75	1.31	100000	
16/06/2020	24/06/2020	ES2020868	25/06/2020	3	5	-	-	-	-	-	-	-	-	-	
30/06/2020	07/07/2020	ES2022673	13/07/2020	2	6	5	8.01	0.27	7.05	3.0	10	6.03	1.24	43000	
14/07/2020	21/07/2020	ES2024251	23/07/2020	3	11	-	-	-	-	-	-	-	-	-	
28/07/2020	07/08/2020	ES2026276	11/08/2020	9	12	5	8.01	1.01	11.1	3.9	15	3.99	1.02	29000	
11/08/2020	19/08/2020	ES2028033	26/08/2020	8	41	-	-	-	-	-	-	-	-	-	
25/08/2020	02/09/2020	ES2029955	09/09/2020	2	8	5	8.14	0.16	10.4	2.1	12.5	4.05	1.34	13000	
08/09/2020	16/09/2020	ES2031741	17/09/2020	4	11	-	-	-	-	-	-	-	-	-	
22/09/2020	30/09/2020	ES2033505	02/10/2020	3	9	5	7.90	3.31	9.46	5.5	15	4.1	1.26	28000	
06/10/2020	14/10/2020	ES2035009	16/10/2020	2	5	-	-	-	-	-	-	-	-	-	
20/10/2020	28/10/2020	ES2036902	30/10/2020	8	16	29	8.36	4.13	17.1	10.5	27.6	4.46	1.37	420000	
04/11/2020	13/11/2020	ES2039023	18/11/2020	2	5	-	-	-	-	-	-	-	-	-	
17/11/2020	26/11/2020	ES2040988	27/11/2020	2	19	5	8.14	7.49	13.6	9.8	23.4	4.42	1.63	7200	
01/12/2020	09/12/2020	ES2042657	10/12/2020	23	36	-	-	-	-	-	-	-	-	-	Increase in BOD and TSS as a result of process disruption attributed to change in influent quality
15/12/2020	30/12/2020	ES2044724	11/01/2021	2	18	5	8.31	0.27	9.7	2.7	12.4	1.86	1.36	15000	
29/12/2020	07/01/2021	ES2046068	11/01/2021	2	14	-	-	-	-	-	-	-	-	-	
06/01/2021	13/01/2021	ES2100523	15/01/2021	4	11	5	8.19	-	3.72	3.4	7.1	4.38	0.96	75000	
19/01/2021	28/01/2021	ES2101853	01/02/2021	2	8	-	-	-	-	-	-	-	-	-	
Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date uploaded to website	Biological Oxygen Demand <sub>5</sub> mg/L	Total Suspended Solids mg/L	Oil & Grease mg/L	pH pH Value	Ammonia as Nitrogen mg/L	Nitrates + Nitrites as Nitrogen mg/L	Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	Conductivity uS/cm	Faecal Coliforms cfu/100mL	Comments
02/02/2021	09/02/2021	ES2103500	11/02/2021	5	18	5	8.10	-	8.07	3.7	11.9	6.4	1.28	78000	
16/02/2021	24/02/2021	ES2105534	26/02/2021	2	14	-	-	-	-	-	-	-	-	-	
02/03/2021	09/03/2021	ES2107469	12/03/2021	2	23	5	8.12	0.33	17.1	4.5	21.6	5.14	1.23	10	
16/03/2021	24/03/2021	ES2109398	26/03/2021	3	26	-	-	-	-	-	-	-	-	-	
30/03/2021	09/04/2021	ES2111746	16/04/2021	56	<5	<5	8.42	0.27	12.7	2	14.7	3.49	1.1	18000	
13/04/2021	21/04/2021	ES2113615	23/04/2021	<2	<5	-	-	-	-	-	-	-	-	-	
27/04/2021	06/05/2021	ES2115719	10/05/2021	3	7	<5	8.08	0.55	2.79	1.8	4.6	5.69	1.26	88000	
11/05/2021	20/05/2021	ES2117930	21/05/2021	10	13	-	-	-	-	-	-	-	-	-	
25/05/2021	02/06/2021	ES2119667	04/06/2021	<2	8	<5	8.18	0.06	1.81	1.3	3.1	1.17	1.27	12000	
08/06/2021	17/06/2021	ES2121589	18/06/2021	8	6	-	-	-	-	-	-	-	-	-	
22/06/2021	01/07/2021	ES2123278	02/07/2021	<2	9	<5	7.97	0.26	9.97	2.1	12.1	4.69	1.22	36000	
06/07/2021	15/07/2021	ES2125000	15/07/2021	<2	6	-	-	-	-	-	-	-	-	-	
20/07/2021	11/08/2021	ES2126708	16/08/2021	3	12	6	8.13	0.11	2.44	3.0	5.4	4.93	1.14	~120000	
03/08/2021	11/08/2021	ES2128189	16/08/2021	2	<5	-	-	-	-	-	-	-	-	-	
17/08/2021	31/08/2021	ES2130552	01/09/2021	<2	14	8	8.18	0.09	10.1	2.5	12.6	4.28	1.35	520	
01/09/2021	09/09/2021	ES2131853	13/09/2021	2	6	-	-	-	-	-	-	-	-	-	
14/09/2021	23/09/2021	ES2133531	27/09/2021	5	20	<5	8.16	0.24	14.6	2.1	19.7	4.62	1.31	5600	
28/09/2021	07/10/2021	ES2135120	13/10/2021	2	5	-	-	-	-	-	-	-	-	-	
12/10/2021	20/10/2021	ES2136831	22/10/2021	<2	6	<5	8.09	0.1	11.2	1.5	12.7	5.04	1.08	~19000	
26/10/2021	03/11/2021	ES2138830	05/11/2021	2	7	-	-	-	-	-	-	-	-	-	
09/11/2021	17/11/2021	ES2140594	22/11/2021	2	<5	<5	8.24	1.34	8.08	3.1	11.2	5.51	1.11	7500	
23/11/2021	01/12/2021	ES2142595	03/12/2021	2	<5	-	-	-	-	-	-	-	-	-	
07/12/2021	15/12/2021	ES2144729	17/12/2021	7	32	5	8.04	4.85	8.73	7.8	16.5	4.18	1.17	980000	TSS impacted by maturation pond algae
21/12/2021	04/01/2022	ES2146708	06/01/2022	<2	12	-	-	-	-	-	-	-	-	-	
04/01/2022	12/01/2022	ES2200146	14/01/2022	2	<5	<5	8.39	6.32	10	8.1	18.1	4.19	1.46	17000	
18/01/2022	25/01/2022	ES2201628	28/01/2022	3	6	-	-	-	-	-	-	-	-	-	

**Units of measure Key**

<b>unit</b>	<b>full wording</b>
mg/L	milligram per litre
pH	pH

u S/cm	micro Siemens per centimetre
cfu/100mL	coliforms detected per 100 milli



