

The [full license for the Coonamble Sewage Treatment Plant \(EPA # 4085\)](#) is available from the EPA website.

**Licensee Name:**

Coonamble Shire Council

**Licensee Address:**

80 Castlereagh Street, Coonamble NSW 2829

**Coonamble STP Address:**

Wingadee Street, Coonamble NSW 2829

**EPA Monitoring/discharge point:**

POINT 1: Discharge to utilisation area. Total volume and effluent quality monitoring.

**POINT 1 Location Description:**

Effluent storage dam discharging to Coonamble Golf Course and Race Course labelled as **MONITORING POINT 1**.

**POINT 1 Monitoring Frequency:**

Concentration of pollutants: Monthly.

Volume discharged: Daily during any discharge.



*Requirements for publishing pollution monitoring data have been issued by Environment Protection Authority (EPA) and are written requirements referred to in Section 66(6) of the Protection of the Environment Operations Act 1997 (POEO Act). Under these requirements up to four years of pollution monitoring data must be published or provided.*

## Concentration of monitored pollutants – Point 1

Pollutant / Concentration Limit	pH	Total Suspended Solids	Biochemical Oxygen Demand	Oil & Grease	Total Nitrogen	Total Phosphorus	Faecal Coliforms
	6.5-8.5	50	20	10	20	10	600
Sample Date		mg/l	mg/l	mg/l	mg/l	mg/l	CFU/100 ml
07/01/2020	9.14	41	8	7	2.1	2.74	150
25/02/2020	9.11	39	5	<5	2.6	2.59	34
17/03/2020	9.28	23	8	<5	2.2	2.65	70
21/04/2020	9.25	26	<2	<5	1.6	2.60	1000
19/05/2020	9.30	12	2	<5	1.6	2.73	10
21/05/2020	9.41	18	4	9	1.8	2.20	<1
27/05/2020	9.37	18	3	<5	10.2	13.6	1
01/06/2020	9.32	13	3	<5	1.5	2.88	2
09/06/2020	9.32	13	4	<5	1.2	2.38	12
29/06/2020	9.22	10	2	<5	1.4	2.69	25
01/07/2020	9.32	7	2	7	1.0	2.92	63
23/07/2020	9.31	8	<2	<5	1.1	2.13	20
04/08/2020	9.40	6	2	7	1.1	2.58	3
06/08/2020	9.27	53	17	<5	1.4	2.62	2
20/10/2020	9.39	19	<2	6	1.6	3.13	7
01/12/2020	9.26	57	3	5	1.9	2.58	22
12/01/2021	9.39	39	10	<5	2.1	2.56	60
25/02/2021	No Data	No Data	No Data	7	2.1	2.30	45
27/04/2021	9.40	32	2	<5	1.5	1.67	56
11/05/2021	9.44	49	5	<5	2.2	2.19	5
26/05/2021	9.42	27	39	12	1.7	2.07	<1
29/06/2021	9.45	48	4	<5	2.2	2.16	<1
30/07/2021	9.30	18	<2	<5	3.7	2.45	<1
03/08/2021	9.31	8	1.17	<5	3.7	2.61	11
25/08/2021	9.14	10	2	5	4.1	2.59	1
28/09/2021	9.05	15	<2	<5	1.3	2.61	22
29/10/2021	9.43	35	2	<5	2.2	2.73	3
15/11/2021	9.28	13	2	<5	2.0	2.75	8
08/12/2021	9.48	36	3	<5	1.0	1.22	240
01/02/2022	9.33	54	7	<5	2.3	2.01	8
28/02/2022	9.43	39	4	<5	0.9	1.82	180
28/03/2022	9.46	54	9	7	3.8	1.64	20
21/04/2022	9.51	60	5	<5	2.9	1.73	60
26/05/2022	9.59	24	<2	<5	2.5	1.57	410
28/06/2022	9.42	17	9	<5	2.2	1.70	2
25/07/2022	9.45	9	4	<5	3.6	1.95	<1
30/08/2022	9.15	11	3	<5	4.6	1.94	2
28/09/2022	8.94	15	6	<5	4.0	2.44	5
26/10/2022	8.55	12	4	<5	<2	3.03	12
23/11/2022	9.16	15	2	<5	1.6	2.52	1
15/02/2023	9.22	28	2	<5	3.0	2.63	16
21/03/2023	9.34	35	3	<5	3.4	2.22	3700
16/05/2023	9.67	41	<2	<5	4.0	1.99	15
27/06/2023	9.56	61	5	<5	4.5	2.17	<1
26/07/2023	9.46	21	6	<5	3.9	2.92	160
23/08/2023	9.10	20	4	<5	4.0	2.80	3
19/09/2023	9.04	110	2	<5	5.3	3.73	5
10/10/2023	8.98	19	10	<5	2.4	3.52	1
14/11/2023	9.17	30	<2	<5	2.0	3.02	30
11/12/2023	8.86	64	<2	<5	1.8	3.24	11

Discharged volume – Point 1												
Discharge Volume/Discharge Limit	Months/2020											
	January	February	March	April	May	June	July	August	September	October	November	December
Sample Date	1000 kL/day											
	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day
1	0.00	654.00	675.00	742.00	610.00	455.00	566.00	598.00	850.00	773.00	653.00	636.00
2	991.00	511.00	528.00	558.00	591.00	545.00	604.00	659.00	411.00	704.00	480.00	605.00
3	456.00	471.00	655.00	0.00	494.00	580.00	562.00	176.00	503.00	741.00	622.00	624.00
4	569.00	453.00	602.00	1907.00	575.00	546.00	683.00	743.00	630.00	511.00	692.00	839.00
5	566.00	507.00	648.00	750.00	584.00	547.00	478.00	613.00	569.00	557.00	539.00	630.00
6	583.00	807.00	2351.00	667.00	712.00	545.00	408.00	616.00	466.00	476.00	601.00	656.00
7	408.00	648.00	714.00	587.00	434.00	522.00	675.00	568.00	769.00	565.00	675.00	648.00
8	546.00	555.00	621.00	583.00	762.00	535.00	306.00	807.00	469.00	674.00	689.00	769.00
9	570.00	532.00	597.00	573.00	404.00	811.00	824.00	624.00	666.00	449.00	752.00	700.00
10	534.00	549.00	660.00	1832.00	565.00	332.00	581.00	528.00	631.00	652.00	395.00	637.00
11	788.00	909.00	642.00	2128.00	572.00	589.00	972.00	600.00	579.00	694.00	624.00	403.00
12	440.00	437.00	620.00	667.00	528.00	614.00	625.00	589.00	595.00	498.00	606.00	696.00
13	359.00	556.00	600.00	416.00	563.00	755.00	463.00	581.00	461.00	478.00	616.00	694.00
14	615.00	701.00	743.00	592.00	553.00	720.00	606.00	601.00	775.00	535.00	874.00	365.00
15	558.00	502.00	643.00	595.00	620.00	544.00	577.00	630.00	512.00	573.00	654.00	620.00
16	0.00	513.00	565.00	593.00	511.00	606.00	559.00	436.00	440.00	567.00	631.00	660.00
17	610.00	640.00	541.00	567.00	553.00	536.00	608.00	576.00	786.00	646.00	619.00	657.00
18	737.00	975.00	753.00	623.00	528.00	563.00	561.00	736.00	458.00	632.00	652.00	688.00
19	459.00	1873.00	470.00	575.00	558.00	702.00	731.00	408.00	585.00	596.00	629.00	600.00
20	483.00	541.00	673.00	512.00	520.00	588.00	394.00	756.00	752.00	643.00	616.00	675.00
21	537.00	904.00	645.00	554.00	538.00	771.00	560.00	565.00	563.00	614.00	694.00	564.00
22	540.00	0.00	601.00	571.00	606.00	564.00	563.00	593.00	651.00	702.00	776.00	1800.00
23	505.00	645.00	424.00	452.00	1695.00	557.00	596.00	692.00	594.00	576.00	600.00	827.00
24	541.00	588.00	593.00	543.00	10.80	576.00	564.00	438.00	570.00	1120.00	590.00	785.00
25	734.00	622.00	620.00	635.00	664.00	596.00	695.00	553.00	579.00	1171.00	462.00	670.00
26	552.00	593.00	845.00	536.00	702.00	587.00	719.00	554.00	616.00	530.00	610.00	721.00
27	361.00	617.00	648.00	585.00	591.00	695.00	506.00	561.00	866.00	716.00	619.00	516.00
28	472.00	590.00	710.00	425.00	426.00	572.00	565.00	559.00	321.00	470.00	602.00	600.00
29	525.00	646.00	622.00	552.00	727.00	528.00	560.00	586.00	699.00	563.00	622.00	1595.00
30	530.00		671.00	585.00	608.00	581.00	564.00	802.00	469.00	638.00	547.00	546.00
31	467.00		0.00		559.00		570.00	343.00		653.00		587.00

# Coonamble Sewage Treatment Plant – EPA Licence #4085

Discharged volume – Point 1												
Discharge Volume/Discharge Limit	Months/2021											
	January	February	March	April	May	June	July	August	September	October	November	December
Sample Date	1000 kL/day											
	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day
1	668.00	499.00	571.00	697.00	634.00	673.00	No Data	No Data	No Data	No Data	0.00	0.00
2	1300.00	1071.00	600.00	714.00	504.00	632.00	No Data	No Data	No Data	No Data	0.00	0.00
3	236.00	666.00	669.00	689.00	662.00	748.00	No Data	No Data	No Data	No Data	0.00	0.00
4	1074.00	671.00	657.00	736.00	501.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
5	1494.00	673.00	654.00	903.00	1087.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
6	640.00	821.00	718.00	467.00	717.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
7	986.00	845.00	692.00	630.00	647.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
8	421.00	556.00	494.00	790.00	799.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
9	608.00	675.00	657.00	812.00	929.00	No Data	No Data	No Data	No Data	No Data	0.00	0.00
10	889.00	653.00	636.00	427.00	520.00	No Data	No Data	No Data	No Data	No Data	0.00	679.40
11	616.00	683.00	680.00	577.00	516.00	No Data	No Data	No Data	No Data	No Data	750.00	0.00
12	655.00	650.00	979.00	441.00	584.00	No Data	No Data	No Data	No Data	No Data	655.00	0.00
13	670.00	670.00	773.00	512.00	556.00	No Data	No Data	No Data	No Data	No Data	682.00	0.00
14	634.00	660.00	816.00	580.00	609.00	No Data	No Data	No Data	No Data	No Data	769.40	858.31
15	637.00	627.00	821.00	727.00	674.00	No Data	No Data	No Data	No Data	No Data	657.15	860.85
16	691.00	668.00	622.00	453.00	730.00	No Data	No Data	No Data	No Data	No Data	865.51	761.12
17	633.00	1318.00	561.00	527.00	519.00	No Data	No Data	No Data	No Data	No Data	622.05	885.85
18	745.00	653.00	2054.00	564.00	630.00	No Data	No Data	No Data	No Data	No Data	899.87	831.33
19	412.00	660.00	1464.00	610.00	677.00	No Data	No Data	No Data	No Data	No Data	563.12	831.33
20	624.00	676.00	834.00	670.00	680.00	No Data	No Data	No Data	No Data	No Data	727.58	831.33
21	618.00	604.00	888.00	647.00	669.00	No Data	No Data	No Data	No Data	No Data	727.58	616.50
22	576.00	700.00	1239.00	No Data	746.00	No Data	No Data	No Data	No Data	513.15	727.58	616.50
23	669.00	586.00	1542.00	No Data	632.00	No Data	No Data	No Data	No Data	706.00	0.00	No Data
24	590.00	624.00	1543.00	No Data	627.00	No Data	No Data	No Data	No Data	717.00	0.00	No Data
25	650.00	645.00	913.00	No Data	492.00	No Data	No Data	No Data	No Data	559.00	0.00	No Data
26	695.00	650.00	794.00	No Data	660.00	No Data	No Data	No Data	No Data	654.00	0.00	No Data
27	549.00	650.00	975.00	No Data	683.00	No Data	No Data	No Data	No Data	712.00	0.00	No Data
28	561.00	850.00	740.00	No Data	609.00	No Data	No Data	No Data	No Data	786.00	0.00	No Data
29	656.00		662.00	No Data	819.00	No Data	No Data	No Data	No Data	679.00	0.00	No Data
30	814.00		508.00	No Data	498.00	No Data	No Data	No Data	No Data	856.00	0.00	No Data
31	526.00		715.00		524.00		No Data	No Data		0.00		No Data

## Discharged volume – Point 1

Discharge Volume/Discharge Limit	Months/2022											
	January	February	March	April	May	June	July	August	September	October	November	December
	1000 kL/day											
Sample Date	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day
1	No Data	598.18	0.00	250.66	734.34	737.87	547.70	No Data	675.00	506.00	437.00	618.00
2	No Data	0.00	0.00	500.51	244.87	491.70	578.50	No Data	673.00	486.00	475.00	518.00
3	No Data	0.00	0.00	500.22	490.16	491.85	578.08	No Data	672.00	508.00	473.00	520.00
4	No Data	0.00	0.00	500.36	511.78	493.45	1926.95	No Data	0.00	511.00	0.00	523.00
5	No Data	0.00	0.00	500.15	580.03	493.82	578.54	No Data	673.00	0.00	252.00	0.00
6	No Data	0.00	595.29	499.74	579.87	493.79	414.33	No Data	671.00	0.00	220.00	0.00
7	No Data	0.00	514.81	499.32	528.44	494.01	604.80	No Data	0.00	8.00	422.00	0.00
8	No Data	608.30	0.00	498.74	529.19	494.27	746.27	No Data	675.00	267.00	420.00	357.00
9	No Data	608.30	0.00	497.98	529.76	422.06	720.48	No Data	0.00	524.00	0.00	0.00
10	No Data	608.30	0.00	497.21	529.50	274.18	708.90	No Data	671.00	537.00	0.00	0.00
11	No Data	608.30	0.00	496.45	528.99	591.88	711.89	No Data	672.00	539.00	383.00	0.00
12	No Data	0.00	0.00	496.12	528.11	589.46	713.58	No Data	0.00	577.00	361.00	0.00
13	No Data	0.00	0.00	495.29	528.14	588.29	356.65	No Data	670.00	622.00	362.00	577.00
14	No Data	0.00	0.00	494.76	527.74	293.49	712.92	No Data	673.00	624.00	0.00	429.00
15	703.29	0.00	586.68	494.38	527.18	584.70	603.78	No Data	671.00	626.00	363.00	581.00
16	703.29	0.00	586.68	493.69	263.07	583.34	652.83	No Data	672.00	628.00	0.00	539.00
17	703.29	577.6	586.68	246.57	525.46	581.06	653.08	No Data	671.00	627.00	362.00	0.00
18	0.00	577.6	586.68	492.97	524.70	580.08	661.18	No Data	0.00	0.00	0.00	516.00
19	0.00	577.6	586.68	492.49	523.82	579.47	660.01	No Data	672.00	624.00	359.00	513.00
20	0.00	577.6	586.68	491.62	523.96	579.54	647.73	No Data	695.00	591.00	357.00	606.00
21	0.00	577.6	586.68	491.17	524.34	579.34	649.30	No Data	671.00	532.00	359.00	684.00
22	0.00	0.00	586.68	490.91	524.65	579.30	650.30	No Data	670.00	533.00	360.00	688.00
23	0.00	0.00	0.00	490.47	524.95	578.63	651.42	No Data	671.00	532.00	477.00	629.00
24	0.00	0.00	0.00	490.05	525.30	578.66	649.42	No Data	669.00	520.00	611.00	516.00
25	0.00	0.00	No Data	489.53	518.03	578.91	649.79	No Data	670.00	500.00	609.00	519.00
26	0.00	0.00	No Data	489.33	503.04	578.90	651.47	No Data	671.00	448.00	611.00	520.00
27	0.00	0.00	No Data	489.00	500.08	579.02	650.05	No Data	530.00	402.00	614.00	0.00
28	0.00	0.00	No Data	489.09	498.28	578.63	325.08	No Data	0.00	401.00	616.00	0.00
29	598.18		No Data	489.44	495.90	289.19	653.03	No Data	457.00	402.00	625.00	521.00
30	598.18		No Data	489.42	493.89	578.75	658.44	No Data	502.00	0.00	647.00	522.00
31	598.18		No Data		245.96		709.89	No Data		400.00		523.00

Discharged volume – Point 1												
Discharge Volume/Discharge Limit	Months/2023											
	January	February	March	April	May	June	July	August	September	October	November	December
Sample Date	1000 kL/day											
	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day
1	0.00	620.00	682.00	0.00	0.00	1.00	0.00	516.00	713.48	625.74	612.66	0.00
2	0.00	525.00	680.00	0.00	0.00	291.00	0.00	444.00	734.56	474.82	591.48	0.00
3	621.00	526.00	250.00	382.00	386.00	198.00	1.00	688.00	843.09	414.01	0.00	0.00
4	676.00	527.00	0.00	624.00	487.00	0.00	0.00	628.00	746.65	439.91	0.00	0.00
5	675.00	528.00	768.00	620.00	491.00	306.00	0.00	559.00	615.58	431.64	0.00	0.00
6	628.00	643.00	0.00	383.00	492.00	0.00	1.00	551.00	666.10	426.16	0.00	0.00
7	0.00	706.00	365.00	0.00	493.00	496.00	0.00	575.00	715.06	486.95	401.60	0.00
8	519.00	628.00	669.00	1.00	492.00	494.00	0.00	583.00	301.57	428.44	446.12	126.91
9	520.00	0.00	697.00	0.00	486.00	0.00	0.00	588.00	0.00	407.00	0.00	0.00
10	523.00	528.00	480.00	0.00	475.00	0.00	0.00	534.00	765.32	478.37	0.00	0.00
11	524.00	0.00	0.00	0.00	465.00	0.00	1.00	477.00	269.66	51.25	0.00	33.95
12	0.00	215.00	784.00	0.00	459.00	0.00	0.00	476.00	400.78	0.00	0.00	543.63
13	525.00	350.00	0.00	311.00	453.00	493.00	0.00	0.00	476.67	0.00	0.00	443.45
14	531.00	670.00	0.00	0.00	450.00	492.00	0.00	477.00	516.07	0.00	624.35	537.69
15	684.00	671.00	0.00	619.00	449.00	490.00	0.00	475.00	579.20	0.00	492.34	445.08
16	685.00	670.00	565.00	614.00	452.00	0.00	0.00	474.00	502.51	0.00	470.11	0.00
17	590.00	574.00	0.00	244.00	317.00	489.00	0.00	273.00	565.83	0.00	133.53	0.00
18	0.00	715.00	0.00	0.00	0.00	488.00	0.00	316.00	494.37	0.00	512.00	0.00
19	523.00	529.00	0.00	353.00	270.00	0.00	0.00	469.00	608.10	563.91	0.00	0.00
20	524.00	689.00	0.00	0.00	0.00	525.00	0.00	470.00	638.30	654.68	0.00	543.03
21	562.00	645.00	764.00	0.00	0.00	566.00	0.00	503.00	586.20	731.17	466.38	634.97
22	526.00	692.00	640.00	0.00	0.00	261.00	0.00	0.00	519.52	685.87	519.55	499.51
23	528.00	690.00	636.00	0.00	0.00	735.00	0.00	578.00	552.36	583.62	477.90	646.71
24	0.00	713.00	632.00	0.00	489.00	489.00	0.00	659.00	530.92	20.84	0.00	0.00
25	527.00	743.00	535.00	554.00	491.00	490.00	0.00	692.00	393.71	0.00	0.00	0.00
26	526.00	654.00	510.00	34.00	487.00	552.00	2.00	702.00	527.94	0.00	0.00	0.00
27	0.00	528.00	305.00	0.00	484.00	593.00	5.00	713.00	569.51	0.00	0.00	0.00
28	523.00	627.00	0.00	0.00	582.00	540.00	343.00	722.00	435.34	478.03	0.00	0.00
29	617.00	620.00	3.00	0.00	0.00	505.00	619.00	731.00	545.19	677.87	0.00	0.00
30	700.00	525.00	0.00	0.00	0.00	251.00	623.00	737.00	582.06	548.71	0.00	630.78
31	693.00	526.00	0.00		207.00		614.00	749.00		581.60		567.21

Discharged volume – Point 1												
Discharge Volume/Discharge Limit	Months/2024											
	January	February	March	April	May	June	July	August	September	October	November	December
Sample Date	1000 kL/day											
	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day	kL/day
1	518.90											
2	425.49											
3	542.34											
4												
5												
6												
7												
8												
9												
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