

**Mid-Coast Council**

PO Box 450

Forster NSW 2428

**Dawson Wastewater Treatment Plant**

Off Brimbin Road

Cundletown NSW 2430

Environmental Protection licence number: 2531

Abbreviations-

TSS: Total Suspended Solids

BOD: Biochemical Oxygen Demand

FC: Faecal coliforms

**EPA Monitoring Point 4,**

submerged outfall on the bed of the Manning River off Phillip St

Monthly Volume Monitoring Summary					
Monitoring frequency: daily					
maximum discharge limit 22750kL/day					
	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Sep-19	30	0	0	0	Yes
Oct-19	31	0	699	7478	yes
Nov-19	30	0	0	0	yes
Dec-19	30	0	0	0	yes
Jan-20	31	0	1318	6806	yes
Feb-20	29	984	8563	11274	yes
Mar-20	31	0	7341	9537	yes
Apr-20	30	0	5148	9914	yes
May-20	31	2889	3131	4162	yes
Jun-20	30	3	5104	10896	yes
Jul-20	31	2060	4850	10614	yes
Aug-20	31	935	3435	7691	yes

Effluent Quality Monitoring Results							
Monitoring frequency: monthly							
Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Nitrogen ammonia (mg/L)	Oil & Grease (mg/L)	Compliance
17/09/2019	9/10/2019	8.2	2	2	0.1	<5	Yes
15/10/2019	7/11/2019	8.0	2	2	0.40	<5	yes
19/11/2019	9/12/2019	8.1	3	2	0.18	<5	yes
17/12/2019	6/01/2020	8.8	16	4	0.02	<5	yes - 0 discharge
7/01/2020	20/01/2020	9.0	19	6	0.1	<5	no discharge
4/02/2020	13/02/2020	8.1	4	3	0.81	<5	yes
3/03/2020	17/03/2020	7.8	3	2	0.2	<5	yes
31/03/2020	15/04/2020	7.4	2	<2	0.19	<5	yes
28/04/2020	15/05/2020	7.9	<2	3	0.25	<5	yes
26/05/2020	3/06/2020	7.7	2	<2	0.46	<5	yes
23/06/2020	6/07/2020	7.5	2	<2	0.32	<5	yes
21/07/2020	3/08/2020	8	<2	3	0.35	<5	yes
18/08/2020	31/08/2020	7.8	<2	<2	0.29	<5	yes
Concentration limits	50%ile	20	20				
	90%ile	30	30	5			
	100%ile	6.5-8.5	35	35	10		
Annual summary							
minimum		7.4	2	2	0.02	0	
average		8.02	5.5	3.0	0.28	0	
maximum		9	19	6	0.81	0	
50 percentile			2.5	3		0	
90 percentile			16	4.4	0.448	0	

**EPA Monitoring Point 1,**

Wet weather discharge to Browns Creek 2.5km upstream of the Manning River

Discharges are intermittent

Non completed monthly summary indicates that no discharges occurred in that month

Monthly Volume Monitoring Summary				
Daily when wastes are discharged, kilolitres per day.				
No discharge limit				
	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)
Sep-19	0	0	0	0
Oct-19	0	0	0	0
Nov-19	0	0	0	0
Dec-19	0	0	0	0
Jan-20	0	0	0	0
Feb-20	2	2315	2485	2656
Mar-20	1	7	7	7
Apr-20	0	0	0	0
May-20	0	0	0	0
Jun-20	0	0	0	0
Jul-20	0	0	0	0
Aug-20	0	0	0	0

Effluent Quality Monitoring Results					
*One sample per overflow event for 50 percent of the overflow events in reporting period.					
*No licence concentration limit specified					
Date sampled	Date obtained	BOD mg/L	TSS mg/L	O&G mg/L	
10-Feb-20	20-Feb-20	2	11	<5	
29-Mar-20	07-Apr-20	5	14	<5	
No of discharge events	2				
No samples required	1				
No of samples taken	2				

**EPA Monitoring Point 2,**

Wet weather discharge to Dawson River

Discharges are intermittent

Non completed monthly summary indicates no discharges in that month

Monthly Volume Monitoring Summary					
Monitoring frequency: daily					
maximum discharge limit 20000kL/day					
	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Sep-19	30	0	0	0	Yes
Oct-19	31	0	0	0	yes
Nov-19	30	0	0	0	yes
Dec-19	30	0	0	0	yes
Jan-20	31	0	0	0	yes
Feb-20	29	0	2515	32052	no*
Mar-20	31	0	18.8	544	yes
Apr-20	30	0	0	0	Yes
May-20	31	0	0	0	yes
Jun-20	30	0	0	0	yes
Jul-20	31	0	0	0	yes
Aug-20	31	0	0	0	0

Effluent Quality Monitoring Results					
*One sample per overflow event for 50 percent of the overflow events in reporting period.					
*No licence concentration limit specified					
Date sampled	Date obtained	BOD mg/L	TSS mg/L	O&G mg/L	FC cfu/100ml
10/02/2020	20-Feb-20	5	5	<5	3900
18-Mar-20	30-Mar-20	<2	3	<5	
No of discharge events	2				
No samples required	1				
No of samples taken	2				

**Non-compliance comments:**

Extreme wet weather event. Plant is designed so that flows in excess of Manning River discharge capacity during wet weather gravity flow to the Dawson River