

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-18	30	0	2509	8842	yes
Oct-18	31	26	6404	9868	yes
Nov-18	30	2248	4685	7930	yes
Dec-18	31	0	2742	9752	yes
Jan-19	31	0	358	2993	yes
Feb-19	28	0	0	0	yes
Mar-19	31	0	2096	9837	yes
Apr-19	30	0	3297	5892	yes
May-19	31	0	2553	5764	yes
Jun-19	30	69	3342	5248	yes
Jul-19	31	0	2950	4693	yes
Aug-19	31	0	837	3906	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
18-Sep-18	03-Oct-18	8.4	<2	4	0.08	<5	Yes
16-Oct-18	26-Oct-18	7.8	3	4	0.36	<5	Yes
13-Nov-18	27-Nov-18	8.2	4	4	0.09	<5	Yes
11-Dec-18	02-Jan-19	8.4	5	4	0.15	<5	Yes
08-Jan-19	29-Jan-19	8.0	3	4	0.19	<5	yes
05-Feb-19	20-Feb-19	8.4	7	3	0.107	<5	yes
05-Mar-19	18-Mar-19	8.4	5	4	0.11	<5	yes
02-Apr-19	10-Apr-19	8.5	4	5	0.13	<5	yes
30-Apr-19	17-May-19	8.4	6	3	0.03	<5	yes
28-May-19	11-Jun-19	8	2	2	0.15	<5	yes
25-Jun-19	12-Jul-19	7.9	<2	<2	0.25	<5	yes
23-Jul-19	07-Jul-19	8	3	2	0.27	<5	yes
20-Aug-19	09-Sep-19	8	3	<2	0.69	<5	yes
		50%ile	20	20			
		90%ile	30	30	5		
Concentration limits		100%ile	6.5-8.5	35	35	10	
Annual summary							
		minimum	7.8	2	2	0.03	0
		average	8.18	4.1	3.5	0.20	0
		maximum	8.5	7	5	0.69	0
		50 percentile	8.2	4	4	0.15	0
		90 percentile	8.4	6	4	0.3396	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-18	30	0	0	0
Oct-18	31	0	0	0
Nov-18	30	0	0	0
Dec-18	31	0	0	0
Jan-19	31	0	0	0
Feb-19	28	0	0	0
Mar-19	31	0	0	0
Apr-19	30	0	0	0
May-19	31	0	0	0
Jun-19	30	0	0	0
Jul-19	31	0	0	0
Aug-19	31	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	
		No of discharge events	0		
		No samples required	0		
		No of samples taken	0		

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-18	30	0	0	0	yes
Oct-18	31	0	233	5178	yes
Nov-18	30	0	0	0	yes
Dec-18	31	0	0	0	yes
Jan-19	31	0	0	0	yes
Feb-19	28	0	0	0	yes
Mar-19	31	0	0	0	yes
Apr-19	30	0	0	0	yes
May-19	31	0	0	0	yes
Jun-19	30	0	0	0	yes
Jul-19	31	0	0	0	yes
Aug-19	31	0	0	0	yes

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
22/10/2018	02-Nov-18	3	2	<10	4200
		No of discharge events	1		
		No samples required	0		
		No of samples taken	1		

Non-compliance comments: