

**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-14	30	3000	4960	7258	yes
Oct-14	31	0	2810	4654	yes
Nov-14	30	0	0	14	yes
Dec-14	31	0	3158	7022	yes
Jan-15	31	2167	3774	6972	yes
Feb-15	28	2873	5518	8993	yes
Mar-15	31	4891	6909	9388	yes
Apr-15	30	4033	6310	8572	yes
May-15	30	0	6379	10505	yes
Jun-15	31	290	4250	6385	yes
Jul-15	31	2285	3253	3680	yes
Aug-15	31	0	1246	4217	yes

**Effluent Quality Monitoring Results**

Monitoring frequency: monthly  
Results less than analysis detection limit are reported as zero

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Nitrogen ammonia (mg/L)	Oil & Grease (mg/L)	Compliance
23-Sep-14	07-Oct-14	8.3	3	3	0.18	0	yes
21-Oct-14	30-Oct-14	8.4	5	3	0.08	0	yes
18-Nov-14	27-Nov-14	8.5	4	3	0.11	0	yes
16-Dec-14	27-Jan-15	7.7	3	3	0.84	0	yes
13-Jan-15	27-Jan-15	8	3	3	0.04	0	yes
10-Feb-15	24-Feb-15	7.9	1	2	0.15	0	yes
10-Mar-15	19-Mar-15	8	3	2	0.14	0	yes
08-Apr-15	21-Apr-15	7.4	3	1	0.54	0	yes
05-May-15	02-Jun-15	7.2	3	1	0.55	0	yes
02-Jun-15	15-Jun-15	7.6	1	1	0.37	0	yes
30-Jun-15	07-Jul-15	8	2	1	1.03	0	yes
28-Jul-15	17-Aug-15	7.7	2	1	1.01	0	yes
25-Aug-15	09-Sep-15	7.8	1	3	0.14	0	yes
Concentration limits	50%ile	20	20	5			
	90%ile	30	30	10			
	100%ile	6.5-8.5	35	35			
<b>Annual summary</b>							
	minimum	7.2	1	1	0.04	0	
	average	7.88	2.6	2.1	0.40	0	
	maximum	8.5	5	3	1.03	0	yes
	50 percentile	7.9	3	2	0.18	0	yes
	90 percentile	8.4	4	3	0.976	0	yes

**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-14				
Oct-14				
Nov-14				
Dec-14				
Jan-15				
Feb-15				
Mar-15	1	487	487	487
Apr-15				
May-15	1	261	261	261
Jun-15				
Jul-15				
Aug-15				

**Effluent Quality Monitoring Results**

\*One sample per overflow event for 50 percent of the overflow events in reporting period.  
\*No licence concentration limit

Date sampled	Date obtained	BOD mg/L	TSS mg/L	O&G mg/L
22/Mar/15	1/04/2015	11	56	<3
8/May/15	21/05/2015	6	10	<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-14	30	0	0	0	yes
Oct-14	31	0	104	1066	yes
Nov-14	30	0	0	0	yes
Dec-14	31	0	0	0	yes
Jan-15	31	0	0	0	yes
Feb-15	28	0	108	1350	yes
Mar-15	31	0	500	12443	yes
Apr-15	30	0	412	6652	yes
May-15	30	0	2194	19246	yes
Jun-15	31	0	0	0	yes
Jul-15	31	0	0	0	yes
Aug-15	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

Date sampled	Date obtained	BOD mg/L	TSS mg/L	O&G mg/L	FC cfu/100ml
23-Feb-15		2	4	5	5500
23-Mar-15		2	9	3	16000
07-Apr-15		2	2	5	6900
04-May-15		2	6	5	9000

No of discharge events	8
No samples required	4
No of samples taken	4

**Non-compliance comments:**