



Environmental Compliance Report

Macksville Sewage Treatment Plant
 Environment Protection Licence: 579
 EPA Monitoring Point: 3

01 Jan 2020 - 31 Dec 2020

Report Generated: Tuesday, 05 January 2021

Limits	Biochemical Oxygen Demand	Total Suspended Solids	Oil and Grease	Faecal Coliforms	Phosphorous (total)	Nitrogen (total)	pH	Nitrogen (ammonia)	Comments
	90 th %ile Max	100 th %ile Min	100 th %ile Max	Units	milligrams per litre	colony forming units per 100 millilitres	milligrams per litre	milligrams per litre	
8/01/2020	3	18	<2	14	0.09	3.97	7.0	0.44	
29/01/2020	2	17	<2	6	0.13	6.67	7.8	0.27	
12/02/2020	4	18	<2	>5000	0.14	5.04	6.6	1.43	High daily discharge after heavy rainfall has affected UV disinfection.
26/02/2020	3	13	<2	410	0.10	4.88	6.9	0.61	
11/03/2020	<2	4	<2	90	0.11	5.48	6.8	0.59	
25/03/2020	2	6	<2	23	0.05	4.64	6.8	1.53	
8/04/2020	<2	3	<2	4	0.03	5.19	6.6	1.06	
22/04/2020	<2	2	<2	4	0.05	6.01	6.6	1.14	
6/05/2020	4	5	<2	0	0.10	7.24	7.0	0.63	
20/05/2020	3	13	<2	4	0.08	6.51	7.0	0.61	
3/06/2020	5	17	<2	0	0.13	6.33	7.3	0.36	
17/06/2020	<2	13	<2	24	0.13	5.25	6.9	0.60	
1/07/2020	7	9	<2	0	0.11	6.36	7.3	0.21	
15/07/2020	<2	6	<2	6	0.07	5.37	7.3	0.39	
29/07/2020	2	4	<2	0	0.09	5.95	7.0	0.95	
12/08/2020	2	7	<2	75	0.09	5.78	7.1	0.56	
26/08/2020	<2	12	<2	0	0.17	6.46	7.0	1.27	
9/09/2020	3	3	<2	4	0.33	5.23	7.1	0.44	
23/09/2020	2	4	<2	1	0.08	4.30	7.1	0.99	
7/10/2020	2	2	<2	1	0.07	4.06	7.4	0.41	
21/10/2020	<2	<2	<2	10	0.08	4.79	7.0	1.32	
4/11/2020	2	2	<2	0	0.10	5.05	6.9	0.68	
18/11/2020	4	2	<2	0	0.10	2.74	7.3	0.68	
2/12/2020	8	11	<2	0	0.16	3.67	7.3	1.17	
No of Samples	24	24	24	24	24	24	24	24	
Samples Required by EPL	26	26	26	26	26	26	26	26	
Minimum	1	1	1.0	0	0.03	2.74	6.6	0.21	
Average	3	8	1.0	237	0.11	5.29	7.0	0.76	
Samples < 90th percentile limit	100.0%	100.0%	100.0%	91.7%	100.0%	100.0%	-	100.0%	
Samples within 100th percentile limits	100.0%	100.0%	100.0%	95.8%	100.0%	100.0%	100.0%	100.0%	
Maximum	8	18	1.0	TNTC	0.33	7.24	7.8	1.53	
Notes	TNTC denotes "Too Numerous To Count"								



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EPA Monitoring Point: 2, 3 & 4

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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
1/01/2020	147	118	0		5		1,439		306	
2/01/2020	145	122	0		585		1,391		287	
3/01/2020	144	175	0		629		1,426		283	
4/01/2020	146	128	0		764		1,395		270	
5/01/2020	139	133	0		622		1,352		249	
6/01/2020	147	153	0		622		1,275		251	
7/01/2020	145	120	0		494		1,251		239	
8/01/2020	137	193	0		699		1,236		135	
9/01/2020	139	89	0		439		1,305		230	
10/01/2020	137	133	0		375		1,271		230	
11/01/2020	145	160	0		423		1,309		231	
12/01/2020	150	141	0		418		1,187		213	
13/01/2020	147	151	0		420		1,145		212	
14/01/2020	144	148	0		1,260		1,299		218	
15/01/2020	141	163	0		630		1,203		201	
16/01/2020	176	154	0		905		1,229		213	
17/01/2020	162	160	0		655		1,275		201	
18/01/2020	291	250	0		2,537		1,173		346	
19/01/2020	855	512	0		4,734		1,508		1,056	
20/01/2020	204	159	0		816		5,813		295	
21/01/2020	164	176	0		124		1,655		252	
22/01/2020	156	181	0		804		1,271		215	
23/01/2020	150	138	0		760		1,260		203	
24/01/2020	153	148	0		733		1,217		203	
25/01/2020	158	156	0		713		1,184		215	
26/01/2020	153	162	0		708		1,100		215	
27/01/2020	148	153	0		668		1,059		197	
28/01/2020	140	145	0		548		1,102		173	
29/01/2020	148	129	0		1,142		1,060		160	
30/01/2020	144	155	0		502		985		151	
31/01/2020	142	145	0		511		946		155	
1/02/2020	134	154	0		669		928		163	
2/02/2020	164	144	0		630		1,012		170	
3/02/2020	158	161	0		1,054		1,009		160	
4/02/2020	144	43	0		870		1,012		149	
5/02/2020	151	122	0		1,014		934		151	
6/02/2020	897	323	0		2,544		1,030		518	
7/02/2020	1,934	875	0	The inflow has been increased due to heavy rainfall.	4,699		2,697		679	
8/02/2020	1,137	544	0		2,508		4,044		375	



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	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
9/02/2020	2,973	624	0	The inflow has been increased due to heavy rainfall.	7,280		2,795		2,298	
10/02/2020	1,585	751	0	The inflow has been increased due to heavy rainfall.	7,709		3,743		1,101	
11/02/2020	1,545	625	0	The inflow has been increased due to heavy rainfall.	3,701		5,487		978	
12/02/2020	1,618	645	0	The inflow has been increased due to heavy rainfall.	6,481		5,650		1,270	
13/02/2020	2,360	729	0	The inflow has been increased due to heavy rainfall.	6,481		5,844		978	
14/02/2020	951	589	0		5,621		9,337		613	
15/02/2020	481	509	0		1,550		4,121		434	
16/02/2020	353	386	0		1,157		2,578		331	
17/02/2020	343	238	0		1,920		1,922		532	
18/02/2020	317	483	0		1,211		3,674		460	
19/02/2020	242	527	0		1,012		2,774		356	
20/02/2020	207	467	0		1,295		1,887		267	
21/02/2020	191	373	0		1,056		1,666		261	
22/02/2020	233	524	0		1,166		1,497		880	
23/02/2020	352	430	0		1,645		2,164		532	
24/02/2020	2,300	808	0	The inflow has been increased due to heavy rainfall.	6,321		2,182		1,364	
25/02/2020	662	394	0		6,941		1,115		781	
26/02/2020	433	450	0		2,702		3,907		465	
27/02/2020	372	334	0		578		2,517		372	
28/02/2020	296	565	0		1,384		1,931		313	
29/02/2020	257	521	0		1,486		1,693		293	
1/03/2020	233	411	0		1,248		1,582		276	
2/03/2020	211	331	0		1,231		1,517		237	
3/03/2020	198	229	0		1,258		1,518		231	
4/03/2020	197	321	0		1,178		1,492		251	
5/03/2020	244	462	0		1,374		1,451		345	
6/03/2020	236	480	0		956		2,297		311	
7/03/2020	204	445	0		1,091		1,971		286	
8/03/2020	223	450	0		1,126		1,659		287	



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	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
9/03/2020	393	365	0		1,958		1,584		593	
10/03/2020	1,318	675	0		3,817		4,370		935	
11/03/2020	861	464	0		1,757		6,633		423	
12/03/2020	618	595	0		2,721		2,735		363	
13/03/2020	443	208	354		960		2,165		400	
14/03/2020	336	0	305		960		1,878		341	
15/03/2020	773	0	287		4,362		1,782		1,114	
16/03/2020	782	0	353		3,309		4,583		769	
17/03/2020	552	0	442		1,295		3,433		608	
18/03/2020	440	0	304		1,508		3,239		436	
19/03/2020	328	0	396		1,607		2,425		344	
20/03/2020	276	0	319		1,035		1,879		304	
21/03/2020	240	0	376		1,367		1,748		288	
22/03/2020	226	0	392		1,400		1,500		276	
23/03/2020	213	0	376		1,007		1,503		245	
24/03/2020	278	0	504		1,565		1,499		269	
25/03/2020	250	0	406		1,742		1,833		261	
26/03/2020	364	0	556		1,280		1,617		397	
27/03/2020	308	0	553		1,262		2,257		404	
28/03/2020	258	0	366		1,424		2,181		293	
29/03/2020	316	0	667		2,282		1,796		735	
30/03/2020	469	0	517		1,110		7,240		600	
31/03/2020	477	0	477		3,115		2,743		484	
1/04/2020	322	0	286		1,416		2,171		338	
2/04/2020	269	0	501		1,336		1,671		302	
3/04/2020	278	0	362		2,259		1,475		386	
4/04/2020	281	0	239		1,899		1,737		422	
5/04/2020	269	0	350		1,413		1,563		332	
6/04/2020	220	0	76		412		1,485		258	
7/04/2020	199	0	305		653		1,387		232	
8/04/2020	211	0	152		2,262		1,245		231	
9/04/2020	257	0	223		1,099		1,378		255	
10/04/2020	347	0	163		2,052		2,285		319	
11/04/2020	344	0	498		2,758		2,481		326	
12/04/2020	255	0	56		2,304		2,119		266	
13/04/2020	223	0	380		1,263		1,730		238	
14/04/2020	205	0	59		996		1,647		223	
15/04/2020	197	0	292		972		1,496		223	
16/04/2020	187	0	175		1,016		1,431		205	
17/04/2020	177	0	212		996		1,378		198	
18/04/2020	176	0	1		1,021		1,289		204	



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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
19/04/2020	172	0	300		1,021		1,321		210	
20/04/2020	176	0	164		1,972		1,312		209	
21/04/2020	163	0	159		969		1,274		194	
22/04/2020	170	0	163		1,774		1,289		189	
23/04/2020	164	0	166		676		1,339		183	
24/04/2020	158	0	63		618		1,295		184	
25/04/2020	164	0	145		918		1,330		193	
26/04/2020	156	0	151		932		1,272		187	
27/04/2020	161	0	211		921		1,272		163	
28/04/2020	153	0	172		896		1,296		175	
29/04/2020	156	177	0		1,002		1,277		180	
30/04/2020	150	148	0		1,074		1,299		172	
1/05/2020	153	0	0		886		1,204		173	
2/05/2020	159	269	0		898		1,272		175	
3/05/2020	159	136	0		891		1,284		183	
4/05/2020	156	166	0		860		1,276		169	
5/05/2020	147	125	0		874		1,299		164	
6/05/2020	155	97	0		1,926		1,217		168	
7/05/2020	156	216	0		761		1,336		170	
8/05/2020	146	140	0		824		1,243		162	
9/05/2020	155	137	0		824		1,296		174	
10/05/2020	149	0	0		824		1,206		174	
11/05/2020	164	265	0		817		1,270		162	
12/05/2020	147	139	0		848		1,324		161	
13/05/2020	152	152	0		960		1,256		163	
14/05/2020	147	144	0		849		1,267		168	
15/05/2020	149	159	0		913		1,293		174	
16/05/2020	160	161	0		823		1,252		167	
17/05/2020	184	185	0		830		1,268		190	
18/05/2020	199	96	0		936		1,490		186	
19/05/2020	172	255	0		858		1,709		168	
20/05/2020	162	118	0		1,695		1,465		169	
21/05/2020	214	206	0		804		1,341		179	
22/05/2020	192	242	0		2,007		1,393		187	
23/05/2020	168	276	0		638		1,483		180	
24/05/2020	172	126	0		774		1,437		168	
25/05/2020	173	143	0		812		1,363		173	
26/05/2020	149	129	0		876		1,427		156	
27/05/2020	165	204	0		802		1,385		169	
28/05/2020	153	160	0		838		1,444		168	
29/05/2020	154	156	0		956		1,258		162	



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	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
30/05/2020	150	144	0		861		1,287		157	
31/05/2020	159	149	0		861		1,230		158	
1/06/2020	152	173	0		877		1,358		173	
2/06/2020	163	147	0		912		1,338		174	
3/06/2020	160	163	0		1,170		1,368		167	
4/06/2020	160	99	0		885		1,292		185	
5/06/2020	138	251	0		733		1,313		212	
6/06/2020	130	129	0		1,058		1,399		248	
7/06/2020	125	130	0		1,111		1,428		242	
8/06/2020	136	138	0		850		1,374		222	
9/06/2020	148	139	0		813		1,376		215	
10/06/2020	1,213	366	0		4,520		1,329		1,036	
11/06/2020	963	345	0		6,704		6,678		812	
12/06/2020	359	457	0		1,945		3,860		368	
13/06/2020	295	511	0		813		2,064		338	
14/06/2020	277	489	0		854		1,877		314	
15/06/2020	282	517	0		1,372		1,594		290	
16/06/2020	241	428	0		1,481		1,768		258	
17/06/2020	221	247	0		3,785		1,544		232	
18/06/2020	1,488	206	0		3,747		1,513		1,023	
19/06/2020	652	0	0		2,809		2,644		495	
20/06/2020	424	226	0		1,167		2,318		380	
21/06/2020	349	328	0		1,628		1,940		320	
22/06/2020	320	94	0		1,363		1,772		299	
23/06/2020	269	519	0		1,254		1,778		265	
24/06/2020	242	486	0		1,512		1,620		249	
25/06/2020	232	482	0		1,485		1,582		241	
26/06/2020	215	464	0		1,511		1,526		248	
27/06/2020	193	464	0		1,332		1,463		244	
28/06/2020	210	413	0		1,332		1,401		260	
29/06/2020	194	436	0		957		1,508		241	
30/06/2020	200	439	0		521		1,472		242	
1/07/2020	185	407	0		1,926		1,409		233	
2/07/2020	188	405	0		948		1,464		233	
3/07/2020	174	140	0		800		1,362		232	
4/07/2020	170	164	0		1,030		1,397		246	
5/07/2020	179	171	0		1,028		1,434		253	
6/07/2020	172	183	0		1,092		1,384		247	
7/07/2020	175	175	0		379		1,462		252	
8/07/2020	176	230	0		267		1,433		248	
9/07/2020	201	162	0		1,423		1,350		271	



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	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
10/07/2020	174	211	0		1,438		1,463		258	
11/07/2020	173	175	0		1,271		1,335		252	
12/07/2020	171	170	0		1,240		1,364		264	
13/07/2020	187	169	0		1,280		1,361		254	
14/07/2020	160	190	0		1,242		1,598		233	
15/07/2020	169	176	0		1,249		1,395		236	
16/07/2020	166	167	0		786		1,619		241	
17/07/2020	155	169	0		931		1,549		223	
18/07/2020	158	171	0		925		1,456		217	
19/07/2020	165	161	0		949		1,389		218	
20/07/2020	161	170	0		715		1,451		199	
21/07/2020	169	165	0		713		1,524		199	
22/07/2020	162	172	0		780		1,381		198	
23/07/2020	163	183	0		789		1,350		189	
24/07/2020	146	157	0		1,008		1,333		197	
25/07/2020	279	149	0		1,022		1,820		252	
26/07/2020	1,378	633	0		400		4,445		1,169	
27/07/2020	655	640	0		4,971		2,747		512	
28/07/2020	375	307	0		2,269		1,835		313	
29/07/2020	284	461	0		716		1,689		266	
30/07/2020	249	455	0		1,557		1,544		238	
31/07/2020	227	436	0		982		1,481		231	
1/08/2020	211	206	0		994		1,473		232	
2/08/2020	213	226	0		1,204		1,479		232	
3/08/2020	206	202	0		1,124		1,489		208	
4/08/2020	195	187	0		1,111		1,421		214	
5/08/2020	195	220	0		710		1,440		216	
6/08/2020	192	177	0		498		1,431		207	
7/08/2020	231	225	0		1,006		1,504		251	
8/08/2020	238	295	0		1,059		1,540		311	
9/08/2020	218	224	0		981		1,494		284	
10/08/2020	205	222	0		981		1,432		234	
11/08/2020	202	153	0		981		1,434		223	
12/08/2020	194	261	0		1,007		1,414		214	
13/08/2020	189	197	0		958		1,435		216	
14/08/2020	225	186	0		934		1,431		234	
15/08/2020	335	99	0		1,172		1,575		348	
16/08/2020	243	0	0		1,206		1,490		260	
17/08/2020	220	272	0		1,226		1,440		230	
18/08/2020	198	204	0		971		1,127		215	
19/08/2020	204	213	0		997		1,773		224	



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EPA Monitoring Point: 2, 3 & 4

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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
20/08/2020	194	157	0		1,150		1,410		207	
21/08/2020	180	259	0		1,184		1,388		224	
22/08/2020	173	149	0		1,108		1,373		231	
23/08/2020	174	173	0		1,093		1,316		209	
24/08/2020	181	76	0		817		1,401		205	
25/08/2020	179	294	0		844		1,330		200	
26/08/2020	169	173	0		1,035		1,362		191	
27/08/2020	167	178	0		844		1,291		206	
28/08/2020	164	162	0		806		1,345		201	
29/08/2020	162	180	0		880		1,365		216	
30/08/2020	160	148	0		853		1,373		225	
31/08/2020	169	158	0		845		1,419		199	
1/09/2020	153	218	0		842		1,302		188	
2/09/2020	163	159	0		838		1,366		200	
3/09/2020	158	185	0		948		1,397		201	
4/09/2020	153	162	0		922		1,397		207	
5/09/2020	153	150	0		907		1,350		208	
6/09/2020	153	170	0		909		1,284		199	
7/09/2020	171	178	0		429		1,651		208	
8/09/2020	162	180	0		389		1,272		188	
9/09/2020	163	171	0		1,507		1,364		202	
10/09/2020	306	277	0		2,135		2,015		317	
11/09/2020	245	369	0		1,086		1,671		282	
12/09/2020	203	108	0		1,287		1,570		261	
13/09/2020	195	227	0		205		1,507		254	
14/09/2020	178	191	0		237		1,451		227	
15/09/2020	172	160	0		1,318		1,359		212	
16/09/2020	177	225	0		1,002		1,390		193	
17/09/2020	167	184	0		1,041		1,352		203	
18/09/2020	161	178	0		756		1,303		199	
19/09/2020	163	185	0		734		1,354		225	
20/09/2020	162	159	0		784		1,295		205	
21/09/2020	182	207	0		774		1,493		218	
22/09/2020	171	187	0		784		1,319		193	
23/09/2020	173	171	0		3,351		1,383		213	
24/09/2020	163	182	0		608		1,352		210	
25/09/2020	158	151	0		22		0		209	
26/09/2020	166	182	0		250		1,397		246	
27/09/2020	166	185	0		533		1,419		252	
28/09/2020	165	159	0		477		1,437		262	
29/09/2020	149	159	0		462		1,479		270	



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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
30/09/2020	148	113	0		483		1,446		250	
1/10/2020	146	0	0		964		1,403		262	
2/10/2020	146	231	0		1,395		1,472		280	
3/10/2020	145	163	0		1,097		1,479		286	
4/10/2020	145	163	0		1,091		1,406		275	
5/10/2020	154	156	0		804		1,502		291	
6/10/2020	148	180	0		830		1,438		267	
7/10/2020	144	140	0		619		1,498		268	
8/10/2020	146	0	0		1,158		1,463		258	
9/10/2020	157	90	0		828		1,419		258	
10/10/2020	152	164	0		837		1,402		234	
11/10/2020	160	162	0		664		1,351		217	
12/10/2020	156	170	0		642		1,310		207	
13/10/2020	149	152	0		539		1,232		216	
14/10/2020	157	174	0		641		1,353		211	
15/10/2020	154	164	0		644		1,338		202	
16/10/2020	147	174	0		993		1,349		215	
17/10/2020	146	161	0		990		1,336		229	
18/10/2020	173	177	0		839		1,481		211	
19/10/2020	202	224	0		753		1,684		222	
20/10/2020	180	192	0		757		1,407		213	
21/10/2020	169	171	0		779		1,449		206	
22/10/2020	162	139	0		943		1,427		190	
23/10/2020	168	196	0		1,181		1,521		207	
24/10/2020	192	184	0		1,640		1,420		222	
25/10/2020	194	204	0		1,233		1,503		231	
26/10/2020	210	177	0		1,044		1,574		207	
27/10/2020	186	179	0		108		1,522		208	
28/10/2020	249	236	0		128		1,635		267	
29/10/2020	362	302	0		3,855		2,026		412	
30/10/2020	252	277	0		2,817		1,672		275	
31/10/2020	223	272	0		2,013		1,480		249	
1/11/2020	183	102	0		448		1,428		243	
2/11/2020	172	261	0		54		1,413		210	
3/11/2020	165	161	0		70		1,369		214	
4/11/2020	170	174	0		391		1,396		226	
5/11/2020	191	171	0		309		1,384		233	
6/11/2020	177	215	0		1,560		1,351		231	
7/11/2020	164	168	0		576		1,365		234	
8/11/2020	157	151	0		420		1,303		212	
9/11/2020	171	187	0		1,734		1,427		224	



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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
10/11/2020	160	161	0		230		1,308		208	
11/11/2020	153	164	0		251		1,407		207	
12/11/2020	153	0	0		1,021		1,308		215	
13/11/2020	148	225	0		683		1,358		207	
14/11/2020	159	148	0		875		1,324		246	
15/11/2020	160	149	0		904		1,318		232	
16/11/2020	154	170	0		1,133		1,291		199	
17/11/2020	153	159	0		756		1,247		198	
18/11/2020	144	146	0		943		1,284		209	
19/11/2020	153	159	0		730		1,277		199	
20/11/2020	149	160	0		889		1,275		196	
21/11/2020	149	143	0		883		1,328		223	
22/11/2020	157	158	0		951		1,291		220	
23/11/2020	162	171	0		934		1,317		200	
24/11/2020	161	173	0		882		0		191	
25/11/2020	163	96	0		881		1,328		201	
26/11/2020	154	234	0		864		1,311		189	
27/11/2020	145	150	0		870		1,281		190	
28/11/2020	144	150	0		878		1,306		201	
29/11/2020	148	145	0		926		1,291		197	
30/11/2020	154	171	0		295		0		174	
1/12/2020	153	156	0		91		1,320		175	
2/12/2020	167	173	0		840		1,307		171	
3/12/2020	186	192	0		91		1,269		186	
4/12/2020	194	246	0		644		1,325		200	
5/12/2020	164	151	0		891		1,269		213	
6/12/2020	175	202	0		845		1,241		206	
7/12/2020	172	191	0		758		1,329		198	
8/12/2020	166	183	0		864		1,291		195	
9/12/2020	168	171	0		1,271		1,325		191	
10/12/2020	162	164	0		1,188		1,302		183	
11/12/2020	746	282	0		1,702		5,581		1,157	
12/12/2020	2,908	321	0		4,698		4,675		738	
13/12/2020	1,102	322	0		5,091		3,006		577	
14/12/2020	3,190	686	0		6,996		8,615		1,173	
15/12/2020	3,548	680	0		8,644		5,807		1,853	
16/12/2020	2,404	661	0		8,663		1,918		1,939	
17/12/2020	762	671	0		8,218		4,167		840	
18/12/2020	605	589	0		3,373		3,421		517	
19/12/2020	459	551	0		1,343		2,644		427	
20/12/2020	791	443	0		951		2,914		443	



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	Bowraville Sewage Treatment Plant				Macksville Sewage Treatment Plant		Nambucca Sewage Treatment Plant		Scotts Head Sewage Treatment Plant	
	Total Daily Inflow	Discharge to Reuse Dam Flow	Discharge to River Flow	Comments	Total Daily Discharge	Comments	Total Daily Inflow	Comments	Total Daily Inflow	Comments
	EPA Point 2	EPA Point 4	EPA Point 1		EPA Point 2		EPA Point 2			
Limit	1,500	-	-		9,500		12,600		2,500	
Units	kilolitres per day	kilolitres per day	kilolitres per day		kilolitres per day		kilolitres per day		kilolitres per day	
21/12/2020	843	644	0		1,494		3,064		435	
22/12/2020	734	649	0		1,462		3,192		470	
23/12/2020	422	517	0		1,650		2,449		398	
24/12/2020	314	416	0		1,523		2,063		349	
25/12/2020	337	609	0		1,598		1,816		334	
26/12/2020	823	672	0		1,524		2,083		434	
27/12/2020	441	490	0		1,399		2,061		407	
28/12/2020	321	436	0		1,713		1,982		406	
29/12/2020	386	571	0		1,616		2,268		455	
30/12/2020	412	384	0		3,210		2,411		450	
31/12/2020	346	510	0		1,303		0		406	
Minimum	125	0	0		5		0		135	
Minimum > 0	125	43	1		5		928		135	
Average	314	220	38		1,373		1,749		309	
Average > 0	314	257	297		1,373		1,769		309	
Maximum	3,548	875	667		8,663		9,337		2,298	
Exceedances	11	-	-		0		0		0	
Total	114,861	80,591	13,973		502,508		640,227		112,912	
No of Measurements	366	366	366		366		366		366	
No of Measurements > 0	366	313	47		366		362		366	