

SAMPLE POINT DATA

EPA Sample Point 1 - Deep Sea Release Effluent Quality Monitoring

Coffs Harbour Water Reclamation Works

EPA Licence 573

Coffs Harbour City Council

Locked Bag 155

Coffs Harbour NSW 2450



Sample Point 3 - Effluent Quality Monitoring Deep Sea Release data for Sample Point 1

Reporting Period: 1 July 2017 to 30 June 2018

Test frequency: Weekly

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Notes: "<" This symbol means less than: it is typically equal to the limit of detection of the analytical procedure used.

Cells highlighted indicate results that reach Council's 90 and 100 percentile limits

Date Sample Collected	Date Obtained	Date Published	PH	Biochem Oxygen Demand BOD	Total Suspended Solids	Nitrate Nitrogen NO3N	Nitrite Nitrogen NO2N	Ammonia Nitrogen NH3N	Total Nitrogen	Total Phosphorus	Oil & Grease	Chlorine Free	Chlorine Total	Faecal Coliforms	Comments
			unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	cfu/100ml	
4/07/2017	5/07/2017	4/07/2017	7.20	<2	2	1.70	<0.05	0.10	2.50	0.17	<2	0.01	0.01	16	Batch 17/1366/1
11/07/2017	27/07/2017	7/08/2017	7.70	<2	<2	2.10	0.09	0.32	3.20	0.18	<2	0.01	0.00	3	Batch 17/1414/1
18/07/2017	20/07/2017	24/07/2017	7.70	<2	<2	1.40	0.06	0.11	2.20	0.17	<2	<0.01	<0.01	83	Batch 17/1472/1
20/07/2017	21/07/2017	24/07/2017												0	Batch 17/1492/1 - Repeat
25/07/2017	1/08/2017	7/08/2017	7.70	3.00	<2	1.92	0.15	3.58	6.10	0.31	<2	<0.01	<0.01	51	Batch 17/1518/1
1/08/2017	10/08/2017	15/08/2017	7.80	<2	<2	1.93	0.07	0.10	2.73	0.26	<2	<0.01	<0.01	0	Batch 17/1568/1
8/08/2017	9/08/2017	15/08/2017	7.90	<2	3	1.43	<0.05	<0.05	3.72	0.14	<2	0.01	0.03	2	Batch 17/1625/1
15/08/2017	22/08/2017	28/08/2017	7.70	<2	<2	2.68	0.07	0.26	3.39	0.27	<2	<0.01	<0.01	2	Batch 17/1670/1
22/08/2017	28/08/2017	5/09/2017	7.40	<2	<2	2.99	0.14	0.25	3.87	0.13	<2	<0.01	<0.01	2	Batch 17/1737/1
29/08/2017	4/09/2017	5/09/2017	7.90	<2	<2	2.80	0.07	0.24	3.83	0.40	<2	<0.01	<0.01	19	Batch 17/1789/1
5/09/2017	6/09/2017	14/09/2017	7.80									<0.01	<0.01	2	Batch 17/1842/1
12/09/2017	21/09/2017	22/09/2017	7.80	<2	2	2.47	0.01	0.13	3.21	0.30	<2	<0.01	<0.01	0	Batch 17/1897/1
19/09/2017	20/09/2017	22/09/2017	7.90	2.00	<2	2.51	0.12	0.10	3.36	0.28	<2	<0.01	0.10	TNTC	Batch 17/1960/1 - High Faecal Coliforms results due to possible contamination of sample bottle. Repeat sample ordered and results tested OK no other faults at the site.
20/09/2017	21/09/2017	22/09/2017												0	Batch 17/1978/1 - Repeat
26/09/2017	12/10/2017	17/10/2017	8.00	<2	<2	1.92	0.06	0.05	2.46	0.33	<2	<0.01	<0.01	5	Batch 17/2017/1
3/10/2017	16/10/2017	17/10/2017	7.60	<2	2	6.30	0.18	0.15	7.60	0.34	<2	<0.01	<0.01	26	Batch 17/2060/1
10/10/2017	23/10/2017	26/10/2017	8.00	<2	2	3.21	0.15	0.28	3.64	0.32	<2	<0.01	<0.01	0	Batch 17/2134/1
17/10/2017	30/10/2017	1/11/2017	7.70	<2	<2	0.63	<0.05	0.01	1.11	0.18	<2	<0.01	<0.01	2	Batch 17/2197/1
24/10/2017	6/11/2017	9/11/2017	7.70	<2	2	1.14	<0.05	0.05	1.92	0.22	<2	<0.01	<0.01	0	Batch 17/2256/1
31/10/2017	7/11/2017	9/11/2017	8.00	<2	<2	1.38	<0.05	<0.05	1.97	0.25	<2	<0.01	<0.01	2	Batch 17/2304/1
7/11/2017	20/11/2017	23/11/2017	7.90	<2	<2	1.96	0.10	0.11	2.45	0.23	<2	<0.01	<0.01	0	Batch 17/2369/1

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			unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	cfu/100ml	
14/11/2017	20/11/2017	23/11/2017	7.80	<2	3	1.93	0.08	0.16	2.92	0.33	<2	<0.01	<0.01	21	Batch 17/2429/1
21/11/2017	3/01/2018	3/01/2018	7.60	<2	<2	2.48	0.13	0.14	3.00	0.09	<2	<0.01	<0.01	1	Batch 17/2482/1
28/11/2017	29/11/2017	1/12/2017	7.90	<2	<2	0.29	<0.05	<0.05	0.84	0.38	<2	<0.01	<0.01	16	Batch 17/2459/1
5/12/2017	12/12/2017	15/12/2017	8.00	<2	<2	1.06	<0.05	<0.05	1.72	0.26	<2	0.02	0.04	0	Batch 17/2600/1
12/12/2017	20/12/2018	3/01/2018	8.00	<2	<2	0.72	<0.05	<0.05	1.43	0.23	<2	0.03	0.06	8	Batch 17/2675/1
19/12/2018	8/01/2018	12/01/2018	8.00	<2	<2	0.26	<0.05	<0.05	0.87	0.24	<2	<0.01	<0.01	1	Batch 17/2732/1
2/01/2018	15/01/2018	18/01/2018	7.90	7.00	<2	1.75	0.12	2.58	5.20	0.43	<2	<0.01	<0.01	20	Batch 18/0017/1
4/01/2018	15/01/2018	18/01/2018	8.00	<2	<2	0.67	0.07	0.18	1.63	0.30	<2	<0.01	<0.01	6	Batch 18/0062/1
9/01/2018	22/01/2018	1/02/2018	8.00	<2	<2	0.64	<0.05	<0.05	1.25	0.26	<2	<0.01	<0.01	0	Batch 18/0097/1
16/01/2018	22/01/2018	1/02/2018	8.10	<2	2	0.88	<0.05	0.13	1.59	0.23	<2	<0.01	<0.01	4	Batch 18/0154/1
23/01/2018	30/01/2018	1/02/2018	8.00	<2	2	1.51	<0.05	<0.05	2.08	0.21	<2	<0.01	<0.01	2	Batch 18/0203/1
30/01/2018	8/02/2018	16/02/2018	7.60	<2	<2	1.02	0.06	<0.05	1.70	0.17	<2	<0.01	<0.01	3	Batch 18/0252/1
6/02/2018	14/02/2018	16/02/2018	7.70	<2	<2	1.06	0.08	0.08	1.65	0.17	<2	<0.01	<0.01	7	Batch 18/0305/1
13/02/2018	21/02/2018	5/03/2018	8.00	<2	<2	1.01	<0.05	<0.05	1.63	0.20	<2	<0.01	<0.01	3	Batch 18/0361/1
20/02/2018	27/02/2018	20/03/2018	8.00	<2	<2	1.74	<0.05	0.05	2.22	0.20	<2	<0.01	<0.01	2	Batch 18/0404/1
27/02/2018	8/03/2018	20/03/2018	7.90	<2	<2	1.25	<0.05	<0.05	1.67	0.17	<2	<0.01	<0.01	0	Batch 18/0463/1
6/03/2018	22/05/2018	5/06/2018	8.00	<2	<2	1.62	<0.05	<0.05	2.27	0.19	<2	<0.01	<0.01	2	Batch 18/0523/1
13/03/2018	21/03/2018	6/04/2018	7.90	<2	2	1.53	0.05	<0.05	2.16	0.17	<2	<0.01	<0.01	2	Batch 18/0584/1
20/03/2018	27/03/2018	6/04/2018	8.00	<2	2	0.51	<0.05	<0.05	1.00	0.28	<2	<0.01	<0.01	15	Batch 18/0633/1
27/03/2018	4/04/2018	6/04/2018	7.80	<2	2	0.75	<0.05	<0.05	1.30	0.22	<2	<0.01	<0.01	23	Batch 18/0696/1
4/04/2018	9/04/2018	20/04/2018	7.90	<2	3	0.47	<0.05	<0.05	1.08	0.28	<2	<0.01	<0.01	2	Batch 18/0756/1
10/04/2018	18/04/2018	20/04/2018	7.90	<2	<2	0.42	<0.05	<0.05	1.02	0.31	<2	<0.01	<0.01	29	Batch 18/0804/1
17/04/2018	24/04/2018	10/05/2018	7.90	<2	<2	0.39	<0.05	<0.05	0.97	0.26	<2	<0.01	<0.01	3	Batch 18/0855/1
23/04/2018	1/05/2018	10/05/2018	8.00	<2	5.00	1.31	0.05	0.06	1.91	0.19	<2	<0.01	<0.01	2	Batch 18/0887/1
1/05/2018	8/05/2018	10/05/2018	7.90	<2	3	1.66	0.05	<0.05	2.26	0.19	<2	0.02	0.09	2	Batch 18/0957/1
8/05/2018	15/05/2018	22/05/2018	7.90	<2	<2	2.04	0.06	0.07	2.04	0.22	<2	0.03	0.09	2	Batch 18/1012/1

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			unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	cfu/100ml	
16/05/2018	24/05/2018	6/06/2018	8.00	<2	3	1.80	<0.05	<0.05	2.28	0.19	<2	<0.01	0.03	1	Batch 18/1092/1
22/05/2018	29/05/2018	6/06/2018	7.90	<2	3	0.98	<0.05	0.08	1.65	0.39	<2	<0.01	<0.01	5	Batch 18/1120/1
29/05/2018	4/06/2018	6/06/2018	7.80	<2	2	1.20	<0.05	<0.05	2.12	0.22	<2	<0.01	<0.01	0	Batch 18/1167/1
5/06/2018	13/06/2018	20/06/2018	8.00	<2	<2	1.92	<0.05	0.08	2.60	0.27	<2	0.01	0.01	18	Batch 18/1208/1
12/06/2018	18/06/2018	20/06/2018	7.80	<2	2	2.94	<0.05	0.10	3.68	0.19	<2	0.01	0.01	3	Batch 18/1261/1
19/06/2018	7/08/2018	7/08/2018	8.00	<2	<2	2.65	<0.05	<0.05	3.35	0.19	<2	0.02	0.04	5	Batch 18/1333/1 - Final
26/06/2018	7/08/2018	7/08/2018	8.10	<2	2	0.92	<0.05	<0.05	1.67	0.26	<2	0.02	0.03	6	Batch 18/1387/1 - Final