

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 2016 to 30 June 2017

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	
5/07/2016	7/07/2016	13/07/2016	7.40	<2	2	0.93	0.09	0.54	2.46	0.28	<2	<0.01	<0.01	5	Batch 16/1484
12/07/2016	19/07/2016	1/08/2016	7.40	<2	2	0.71	<0.05	0.12	1.58	0.32	<2	<0.01	<0.01	0	Batch 16/1535
19/07/2016	26/07/2016	1/08/2016	7.40	<2	3	1.11	0.14	0.53	2.57	0.26	<2	<0.01	<0.01	2	Batch 16/1581
27/07/2016	1/08/2016	5/08/2016	7.60	<2	2	0.47	<0.05	0.10	1.28	0.27	<2	<0.01	<0.01	5	Batch 16/1642
2/08/2016	16/08/2016	16/08/2016	7.50	<2	<2	0.37	<0.05	0.09	1.00	0.37	<2	<0.01	<0.01	0	Batch 16/1670
9/08/2016	23/08/2016	29/08/2016	7.30	<2	2	3.96	0.08	0.10	4.86	0.45	<2	<0.01	<0.01	3	Batch 16/1717
16/08/2016	31/08/2016	12/09/2016	7.60	2	3	2.29	0.13	3.76	7.11	0.63	<2	<0.01	<0.01	230	Batch 16/1792
23/08/2016	31/08/2016	12/09/2016	7.40	<2	3	2.63	0.07	0.18	3.04	0.28	<2	<0.01	0.02	3	Batch 16/1839
30/08/2016	9/09/2016	12/09/2016	7.40	<2	2	2.16	<0.05	0.06	2.76	0.19	<2	0.04	0.09	5	Batch 16/1900
6/09/2016	27/09/2016	27/09/2016	7.50	<2	<2	0.82	<0.05	0.07	1.57	0.20	<2	0.08	0.015	6	Batch 16/1955
13/09/2016	27/09/2016	27/09/2016	7.60	<2	2	1.03	<0.05	0.05	1.84	0.19	<2	<0.01	<0.01	36	Batch 16/2013
20/09/2016	29/09/2016	5/10/2016	7.50	<2	3	1.39	0.09	0.25	2.29	0.22	<2	<0.01	<0.01	310	Batch 16/2076 - Torn filter cloth possible cause of F/C result
4/10/2016	4/10/2016	11/10/2016	7.40	<2	3	0.91	<0.05	0.12	1.86	0.65	<2	<0.01	<0.01	21	Batch 16/2164
27/09/2016	5/10/2016	11/10/2016	7.40	<2	3	0.75	<0.05	0.08	1.53	0.56	<2	<0.01	<0.01	0	Batch 16/2118
11/10/2016	11/10/2016	24/10/2016	7.60	<2	4	0.38	<0.05	0.09	1.28	0.74	<2	<0.01	<0.01	28	Batch 16/2216
18/10/2016	18/10/2016	24/10/2016	7.60	<2	2	0.78	0.08	0.25	1.92	0.53	<2	<0.01	<0.01	450	Batch 16/2277 - transient fault FC retested next day levels decreased to within normal range
19/10/2016	19/10/2016	24/10/2016										<0.01	<0.01	75	Batch 16/2293 - Repeat test
25/10/2016	25/10/2016	9/11/2016	7.50	<2	3	0.63	0.08	0.15	1.65	0.63	<2	<0.01	<0.01	0	Batch 16/2325
1/11/2016	8/11/2016	16/11/2016	7.80	<2	<2	0.79	0.06	0.12	1.69	0.68	<2	<0.01	<0.01	4	Batch 16/2382
8/11/2016	17/11/2016	23/11/2016	7.60	<2	<2	0.38	<0.05	0.05	1.16	0.76	<2	<0.01	<0.01	232	Batch 16/2448 - Integrity of cloth filter compromised. New filter being sourced.
9/11/2016	10/11/2016	16/11/2016	7.60									<0.01	<0.01	108	Batch 16/2458 - Interim Report. Integrity of cloth filter compromised. New filter being sourced. (Repeat test)
15/11/2016	30/11/2016	30/11/2016	7.60	<2	3	0.42	<0.05	0.11	1.31	0.69	<2	<0.01	<0.01	TNTC	Batch 16/2504

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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	
16/11/2016	17/11/2016	29/11/2016										<0.01	<0.01	TNTC	Batch 16/2518 - Repeat test
17/11/2016	21/11/2016	23/11/2016										<0.01	<0.01	8	Batch 16/2529 - Repeat Samples taken
22/11/2016	23/11/2016	30/11/2016	7.60	2.00	<2	0.52	<0.05	0.07	1.39	0.77	<2	<0.01	<0.01	TNTC	Batch 16/2561 - Integrity of cloth filter compromised. New filter being sourced.
23/11/2016	24/11/2016	23/11/2016										<0.01	<0.01	4	Batch 16/2585 (Repeat test)
29/11/2016	6/12/2016	7/12/2016	7.70	<2	<2	0.23	<0.05	<0.05	0.87	0.61	<2	<0.01	<0.01	53	Batch 16/2625
6/12/2016	14/12/2016	22/12/2016	7.70	<2	3	0.51	0.06	0.20	1.70	0.61	<2	<0.01	<0.01	0	Batch 16/2671
13/12/2016	14/12/2016	22/12/2016										<0.01	<0.01	14	Batch 16/2733/1
15/12/2016	12/12/2016	22/12/2016	7.60	3.00	<2	1.63	0.37	1.07	3.34	0.55	<2	<0.01	<0.01	27	Batch 16/2778/1
3/01/2017	10/01/2017	11/01/2017	7.60	2.00	4	0.92	0.09	0.16	2.11	1.01	<2	<0.01	<0.01	20	Batch 17/0009/1
5/01/2017	16/01/2017	18/01/2017	7.50	7.00	7	1.23	0.37	0.97	3.44	0.84	<2	<0.01	<0.01	23	Batch 17/0050/1
10/01/2017	18/01/2017	18/01/2017	7.90	<2	2	1.35	0.09	0.10	2.17	0.20	<2	<0.01	<0.01	35	Batch 17/0100/1
17/01/2017	24/01/2017	5/02/2017	7.20	<2	2	0.20	<0.05	0.07	0.99	0.30	<2	<0.01	<0.01	15	Batch 17/0153/1
24/01/2017	2/02/2017	8/02/2017	7.70	<2	3	0.63	<0.05	<0.05	1.27	0.44	<2	<0.01	<0.01	72	Batch 17/0198/1
31/01/2017	7/02/2017	8/02/2017	7.60	<2	2	0.30	<0.05	<0.05	0.96	0.62	<2	<0.01	<0.01	2	Batch 17/0253/1
7/02/2017	14/02/2017	28/02/2017	7.80	<2	<2	0.24	<0.05	<0.05	1.15	0.56	<2	<0.01	<0.01	6	Batch 17/0299/1
14/02/2017	20/02/2017	28/02/2017	7.70	<2	3	0.29	<0.05	<0.05	0.87	0.34	<2	<0.01	<0.01	0	Batch 17/0364/1
21/02/2017	27/02/2017	28/02/2017	7.50	<2	4	0.34	<0.05	<0.05	1.14	0.23	<2	<0.01	<0.01	30	Batch 17/0417/1
28/02/2017	13/03/2017	15/03/2017	7.70	<2	3	0.99	<0.05	<0.05	1.60	0.30	<2	<0.01	<0.01	5	Batch 17/0460/1
7/03/2017	29/03/2017	5/04/2017	7.50	2.00	4	2.24	0.16	0.24	3.60	0.26	<2	<0.01	<0.01	12	Batch 17/0517/1
14/03/2017	29/03/2017	5/04/2017	7.60	<2	3	0.75	<0.05	<0.05	1.40	0.28	<2	<0.01	<0.01	0	Batch 17/0574/1
21/03/2017	28/03/2017	29/03/2017	7.20	<2	3	2.36	0.07	0.18	3.17	0.22	<2	<0.01	<0.01	11	Batch 17/0662/1
28/03/2017	7/08/2017	15/08/2017	7.50	<2	<2	1.17	<0.05	0.05	1.72	0.24	<2	<0.01	<0.01	140	Batch 17/0669/1 - Final report received 7/8/17
4/04/2017	19/04/2017	3/05/2017	7.50	<2	3	1.94	0.25	1.49	3.89	0.19	<2	<0.01	<0.01	TNTC	Batch 17/0739/1
5/04/2017	26/07/2017	7/08/2017												0	Batch 17/0750/1 - Repeat test - Final report received from the lab 26/7/17
11/04/2017	21/04/2017	3/05/2017	7.60	<2	<2	1.01	<0.05	<0.05	1.71	0.20	<2	<0.01	<0.01	2	Batch 17/0781/1

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18/04/2017	26/04/2017	3/05/2017	7.60	<2	6	0.59	<0.05	0.05	1.27	0.24	<2	0.08	0.05	0	Batch 17/0814/1
26/04/2017	3/05/2017	10/05/2017	7.20	<2	<2	1.94	<0.05	0.08	2.59	0.14	<2	<0.01	<0.01	9	Batch 17/0853/1
2/05/2017	11/05/2017	17/05/2017	7.80	<2	4	1.95	<0.05	<0.05	2.71	0.24	<2	<0.01	<0.01	0	Batch 17/0918/1
9/05/2017	26/07/2017	7/08/2017	7.80	<2	<2	1.32	<0.05	<0.05	1.87	0.18	<2	<0.01	<0.01	2	Batch 17/0972/1 - Final report received from lab 26/7/17
16/05/2017	25/05/2017	31/05/2017	7.60	<2	<2	1.84	0.12	0.10	2.40	0.14	<2	<0.01	<0.01	0	Batch 17/1019/1
23/05/2017	30/05/2017	31/05/2017	7.60	<2	<2	1.82	<0.05	<0.05	2.73	0.18	<2	<0.01	<0.01	0	Batch 17/1067/1
30/05/2017	6/06/2017	7/06/2017	7.30	<2	<2	3.24	<0.05	<0.05	3.67	0.17	<2	<0.01	<0.01	0	Batch 17/1120/1
6/06/2017	15/06/2017	27/06/2017	7.70	<2	<2	<0.05	0.10	0.05	3.31	0.13	<2	<0.01	<0.01	0	Batch 17/1170/1
13/06/2017	21/06/2017	30/06/2017	7.20	3.00	9	3.38	<0.05	0.16	4.26	0.12	<2	0.02	0.12	2	Batch 17/1198/1
20/06/2017	27/06/2017	30/06/2017	7.60	<2	<2	<0.05	0.05	0.13	3.21	0.11	<2	0.02	0.05	0	Batch 17/1272/1
27/06/2017	4/07/2017	24/07/2017	7.70	<2	5	1.35	0.05	<0.05	2.25	0.15	<2	<0.01	0.03	0	Batch 17/1316/1