

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 2018 to 30 June 2019

Test frequency: Weekly

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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	
3/07/2018	16/07/2018	16/07/2018	8.00	<2	<2	2.10	0.08	0.15	2.38	0.18	<2	0.01	0.06	3	Batch 18/1423/1
10/07/2018	17/07/2018	18/07/2018	8.00	<2	<2	3.83	0.07	<0.05	4.26	0.15	<2	0.01	0.03	0	Batch 18/1480/1
17/07/2018	18/07/2018	18/07/2018	8.00	<2	<2	3.00	0.16	0.05	3.76	0.17	<2	<0.01	<0.01	2	Batch 18/1527/1
24/07/2018	30/07/2018	6/08/2018	8.00	<2	<2	1.43	0.05	<0.05	2.13	0.17	<2	<0.01	<0.01	0	Batch 18/1580/1
31/07/2018	1/08/2018	6/08/2018	8.10	<2	2	0.92	<0.05	<0.05	1.67	0.26	<2	<0.01	<0.01	12	Batch 18/1624/1
7/08/2018	16/08/2018	24/08/2018	8.10	<2	2.00	1.27	0.05	0.05	2.37	0.23	<2	0.01	0.04	15	Batch 18/1671/1
14/08/2018	15/08/2018	24/08/2018										<0.01	<0.01	TNTC	Batch 18/1725/1 - Failures with wipers on UV tubes caused by intermittent faulty relay.
15/08/2018	16/08/2018	24/08/2018												5	Batch 18/1745/1 - Repeat
16/08/2018	17/08/2018	6/09/2018										<0.01	<0.01	12	Batch 18/1752/2
21/08/2018	28/08/2018	6/09/2018	8.10	<2	2	1.45	<0.05	0.05	2.14	0.25	<2	<0.01	<0.01	2	Batch 18/1777/1
28/08/2018	5/09/2018	6/09/2018	8.10	<2	3	1.46	<0.05	0.08	2.06	0.26	<2	<0.01	<0.01	0	Batch 18/1829/1
4/09/2018	11/09/2018	24/09/2018	8.10	<2	3	1.55	<0.05	<0.05	2.32	0.24	<2	<0.01	0.23	3	Batch 18/1898/1
11/09/2018	19/09/2018	24/09/2018	8.00	<2	5	0.86	<0.05	<0.05	1.60	0.34	<2	0.02	0.09	0	Batch 18/1957/1
18/09/2018	24/09/2018	4/10/2018	8.00	<2	2	1.88	<0.05	<0.05	2.43	0.24	<2	<0.01	<0.01	0	Batch 18/2014/1
25/09/2018	4/10/2018	4/10/2018	8.10	<2	2	2.48	0.09	0.41	3.65	0.23	<2	<0.01	<0.01	0	Batch 18/2066/1
2/10/2018	9/10/2018	18/10/2018	7.90	<2	<2	1.80	<0.05	<0.05	2.38	0.24	<2	<0.01	<0.01	0	Batch 18/2121/1
9/10/2018	17/10/2018	18/10/2018	7.90	<2	3	0.62	<0.05	<0.05	1.34	0.31	<2	<0.01	<0.01	2	Batch 18/2195/1
16/10/2018	22/10/2018	31/10/2018	7.50	3.00	2	1.73	<0.05	0.14	2.32	0.26	<2	0.06	0.24	2	Batch 18/2242/1
23/10/2018	29/10/2018	31/10/2018	7.80	<2	4	0.75	<0.05	<0.05	1.23	0.17	<2	0.03	0.14	0	Batch 18/2301/1
30/10/2018	31/10/2018	9/11/2018	7.90	<2	4	1.37	<0.05	<0.05	2.07	0.20	<2	0.02	0.08	6	Batch 18/2366/1 - Final
6/11/2018	14/11/2018	22/01/2018	7.90	<2	3	0.75	<0.05	<0.05	1.48	0.23	<2	0.01	0.02	3	Batch 18/2425/1
13/11/2018	21/11/2018	22/11/2018	7.80	<2	2	0.57	0.12	0.06	1.42	0.09	<2	0.01	0.04	2	Batch 18/2505/1
20/11/2018	27/11/2018	11/12/2018	8.00	<2	2	2.50	<0.05	<0.05	2.99	0.18	<2	0.02	0.04	2	Batch 18/2570/1 - Final

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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	
27/11/2018	6/12/2018	17/12/2018	8.10	<2	<2	2.09	<0.05	<0.05	2.76	0.20	<2	0.01	0.03	8	Batch 18/2651/1
4/12/2018	17/12/2018	17/12/2018	8.10	<2	2	1.04	<0.05	<0.05	1.77	0.20	<2	0.01	0.06	2	Batch 18/2693/1 - Final
11/12/2018	18/12/2018	18/12/2018	8.10	<2	3	1.13	0.02	0.03	1.86	0.21	<2	<0.01	<0.01	3	Batch 18/2765/1 - Final
18/12/2019	8/01/2019	14/01/2019	7.60	<2	2	1.59	0.03	0.20	2.31	0.19	<2	-	-	8	Batch 18/2823/1
20/12/2019	9/01/2019	14/01/2019	7.20	<2	<2	0.68	0.02	0.67	1.88	0.20	<2	-	-	14	Batch 18/2864/1
2/01/2019	9/01/2019	14/01/2019	8.00	<2	4	1.16	<0.02	0.02	1.90	0.27	<2	0.01	0.04	42	Batch 19/0004/1
8/01/2019	15/01/2019	25/01/2019	8.10	<2	2	0.55	<0.02	0.02	1.24	0.30	<2	<0.01	<0.01	48	Batch 19/0066/1 - Final
15/01/2019	22/01/2019	25/01/2019	7.50	3.00	<2	2.61	0.78	0.33	4.17	0.22	<2	<0.01	<0.01	5	Batch 19/0143/1 - Final
22/01/2019	29/01/2019	7/02/2019	8.00	<2	3	0.58	<0.02	<0.02	1.27	0.33	<2	0.01	0.02	66	Batch 19/0196/1 - Final
29/01/2019	5/02/2019	7/02/2019	8.20	<2	<2	0.53	<0.02	<0.02	1.16	0.34	<2	<0.01	<0.01	2	Batch 19/0251/1 - Final
5/02/2019	13/02/2019	26/02/2019	8.00	<2	<2	1.31	0.03	<0.02	1.91	0.31	<2	<0.01	<0.01	0	Batch 19/0307/1 - Final
12/02/2019	19/02/2019	26/02/2019	8.20	<2	<2	2.08	<0.02	<0.02	2.68	0.35	<2	<0.01	<0.01	6	Batch 19/0367/1 - Final
19/02/2019	26/02/2019	13/03/2019	8.20	<2	<2	1.52	<0.02	<0.02	2.13	0.33	<2	<0.01	<0.01	0	Batch 19/0423/1 - Final
26/02/2019	5/03/2019	13/03/2019	8.00	<2	2	2.13	0.08	0.03	2.87	0.23	<2	<0.01	<0.01	5	Batch 19/0483/1 - Final
5/03/2019	12/03/2019	13/03/2019	7.60	<2	3	1.55	0.02	0.02	2.52	0.34	<2	0.02	0.02	33	Batch 19/0552/1 - Final
12/03/2019	25/03/2019	26/03/2019	8.00	<2	2	1.39	0.03	0.05	2.22	0.29	<2	<0.01	<0.01	5	Batch 19/0616/1 - Final
19/03/2019	25/03/2019	26/03/2019	7.90	<2	<2	2.64	0.07	0.06	3.97	0.24	<2	<0.01	<0.01	0	Batch 19/0693/1 - Final
26/03/2019	1/04/2019	11/04/2019	8.00	<2	2	2.45	0.05	0.03	3.52	0.23	<2	<0.01	<0.01	0	Batch 19/0741/1 - Final
2/04/2019	10/04/2019	11/04/2019	8.00	<2	2	2.90	0.08	0.03	3.81	0.18	<2	<0.01	<0.01	3	Batch 19/0811/1 - Final
9/04/2019	16/04/2019	29/04/2019	7.90	<2	4	2.00	0.04	<0.02	2.91	0.21	<2	<0.01	<0.01	2	Batch 19/0872/1 - Final
16/04/2019	29/04/2019	29/04/2019	8.00	<2	2	2.05	0.03	0.02	3.25	0.20	<2	<0.01	<0.01	12	Batch 19/0920/1 - Final
23/04/2019	2/05/2019	8/05/2019	7.90	<2	2	1.61	<0.02	0.03	2.43	0.16	<2	<0.01	<0.01	1	Batch 19/0959/1 - Final
30/04/2019	8/05/2019	8/05/2019	7.90	<2	<2	2.76	0.02	0.05	3.57	0.17	<2	<0.01	<0.01	0	Batch 19/1020/1 - Final
7/05/2019	16/05/2019	21/05/2019	8.00	<2	2	3.14	0.04	0.02	3.81	0.13	<2	<0.01	<0.01	0	Batch 19/1084/1 - Final
14/05/2019	20/05/2019	21/05/2019	8.00	<2	<2	3.45	0.06	0.02	4.46	0.48	<2	<0.01	<0.01	0	Batch 19/1148/1 - Final
21/05/2019	29/05/2019	4/06/2019	8.20	<2	2	3.05	0.06	0.04	3.59	0.13	<2	<0.01	<0.01	0	Batch 19/1202/1 - Final

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28/05/2019	11/06/2019	14/06/2019	8.10	<2	<2	2.58	0.07	0.03	3.17	0.14	<2	<0.01	<0.01	0	Batch 19/1247/1 - Final
4/06/2019	19/06/2019	27/06/2019	8.00	<2	<2	3.10	0.05	0.34	3.91	0.17	<2	<0.01	<0.01	8	Batch 19/1309/1 - Final
11/06/2019	19/06/2019	27/06/2019	7.80	<2	2	2.38	0.08	0.29	3.27	0.21	<2	<0.01	<0.01	2	Batch 19/1349/1 - Final
18/06/2019	26/06/2019	27/06/2019	8.20	<2	2	2.44	0.07	0.18	3.54	0.19	<2	<0.01	<0.01	0	Batch 19/1408/1 - Final
25/06/2019	2/07/2019	3/07/2019	8.00	<2	2	3.32	0.20	0.79	5.86	0.13	<2	<0.01	<0.01	0	Batch 19/1457/1 - Final