

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 2014 to 30 June 2015

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 Kjeldahl Nitrogen	Total Nitrogen	Total Phosphorus	Oil & Grease	Faecal Coliforms	Comments
			unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	cfu/100ml	
07,08/07/14	8/07/2014	13/10/2015	7.43	<2	<2	3.32	0.12	0.63	1.5	4.94	0.72	<2	0	
14,15/07/14	15/07/2014	13/10/2015	7.66	<2	3	3.27	<0.05	0.07	0.81	4.08	0.34	<2	0	
21,22/07/14	22/07/2014	13/10/2015	7.54	<2	2	3.51	<0.05	0.05	0.86	4.37	0.21	3	0	
28,29/07/14	29/07/2014	13/10/2015	7.12	<2	<2	3.44	0.07	0.19	0.65	4.16	0.28	<2	0	
04,05/08/14	5/08/2014	13/10/2015	7.6	2	<2	2.74	0.11	0.18	0.7	3.55	0.09	<2	0	
12/08/14	12/08/2014	13/10/2015	7.7	<2	<2	0.92	<0.05	0.05	0.63	1.55	0.55	<2	0	
18,19/08/14	19/08/2014	13/10/2015	7.5	<2	2	1.49	<0.05	0.06	0.74	2.23	0.23	<2	0	
25,26/08/14	26/08/2014	13/10/2015	7.1	<2	<2	1.96	<0.05	0.1	0.83	2.79	0.5	<2	0	
01,02/09/14	2/09/2014	13/10/2015	7.5	<2	4	1.72	<0.05	<0.05	0.58	2.3	0.86	<2	0	
09/09/14	9/09/2014	13/10/2015	7.44	<2	<2	2.54	<0.05	0.05	0.77	3.31	1.11	<2	0	
16/09/14	16/09/2014	13/10/2015	7.7	<2	<2	2.26	<0.05	<0.05	0.64	2.9	1.5	<2	0	
22-23/09/14	23/09/2014	13/10/2015	7.3	<2	3	3.04	<0.05	<0.05	0.63	3.67	0.14	<2	0	
30/09/14	30/09/2014	13/10/2015	7.61	<2	2	3.13	<0.05	<0.05	1.09	4.22	0.8	<2	3	
07/10/14	7/10/2014	13/10/2015	7.36	<2	3	3.22	<0.05	0.05	0.78	4	0.61	<2	42	
14/10/14	14/10/2014	13/10/2015	7.7	<2	3	0.53	<0.05	0.05	0.8	1.33	0.8	<2	0	
20,21/10/14	21/10/2014	13/10/2015	7.7	<2	<2	3.29	<0.05	<0.05	0.5	3.79	1.67	<2	0	
27,28/10/14	28/10/2014	13/10/2015	7.7	<2	3	3.3	0.1	0.05	0.52	3.92	4.4	<2	0	
03/04/11/14	4/11/2014	13/10/2015	7.88	<2	3	1.35	<0.05	<0.05	0.67	2.02	1.14	<2	0	
10,11/11/14	11/11/2014	13/10/2015	7.81	<2	4	1.54	<0.05	0.08	0.75	2.29	2.08	<2	0	
17,18/11/14	18/11/2014	13/10/2015	7.9	<2	6	0.68	<0.05	<0.05	0.68	1.36	1.34	<2	0	
24,25/11/14	25/11/2014	13/10/2015	7.9	<2	<2	0.52	<0.05	<0.05	0.73	1.25	0.99	<2	0	
01,02/12/14	2/12/2014	13/10/2015	7.69	<2	<2	0.94	<0.05	<0.05	0.77	1.71	2.08	<2	0	
08,09/12/14	9/12/2014	13/10/2015	7.38	<2	3	0.82	<0.05	<0.05	0.74	1.56	1.71	<2	3	
15,16/12/14	16/12/2014	13/10/2015	7.58	<2	4	1.05	<0.05	0.05	0.7	1.75	1.36	<2	0	
21,22/12/14	22/12/2014	13/10/2015	7.68	<2	<2	2.46	<0.05	<0.05	0.85	3.31	0.65	<2	8	
05,06/01/15	6/01/2015	13/10/2015	7.73	<2	<2	2.26	0.11	0.63	1.73	4.1	0.64	<2	0	
12,13/01/15	13/01/2015	13/10/2015	7.9	<2	3	1.49	0.18	0.7	1.9	3.57	0.72	<2	0	
20/01/2015	20/01/2015	13/10/2015	7.7	<2	3	1.96	<0.05	0.15	0.89	2.85	0.51	<2	0	
27/01/15	27/01/2015	13/10/2015	7.03	<2	<2	0.95	0.06	0.86	1.7	2.71	0.82	<2	0	

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			unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	cfu/100ml	
02,03/02/15	3/02/2015	13/10/2015	6.6	42	191	1.41	<0.05	0.08	8.98	10.39	4.54	<2	0	
09,10/02/15	10/02/2015	13/10/2015	7.5	<2	2	2.62	<0.05	<0.05	0.68	3.3	0.36	<2	0	
17/02/15	17/02/2015	13/10/2015	7.46	<2	3	1.8	<0.05	0.05	0.88	2.68	0.36	<2	0	
24/02/15	24/02/2015	13/10/2015	7.23	<2	4	1.43	<0.05	<0.05	0.65	2.08	0.17	<2	TNTC*	TNTC = Too numerous to Count
03/03/15	3/03/2015	13/10/2015	7.7	<2	<2	1.19	0.07	0.06	0.84	2.1	0.26	<2	0	
10/03/15	10/03/2015	13/10/2015	7.1	<2	6	1.15	<0.05	0.12	1.1	2.25	0.31	<2	0	
17/03/15	17/03/2015	13/10/2015	7.1	<2	9	0.82	<0.05	0.3	1.18	2	0.16	<2	0	
24/03/15	24/03/2015	13/10/2015	7.3	<2	5	1.04	0.05	0.07	0.73	1.82	0.26	<2	0	
31/03/15	31/03/2015	13/10/2015	7.3	<2	5	1.34	0.07	0.3	1.2	2.61	0.28	<2	0	
07/04/15	7/04/2015	13/10/2015	7.5	<2	2	1.8	<0.05	0.23	0.93	2.73	0.13	<2	0	
14/04/15	14/04/2015	13/10/2015	7.8	<2	<2	2.37	<0.05	<0.05	0.83	3.2	0.24	<2	0	
21/04/15	21/04/2015	13/10/2015	8	<2	<2	1.18	<0.05	<0.05	0.38	1.56	0.22	<2	2	
28/04/15	28/04/2015	13/10/2015	7.4	<2	3	0.87	<0.05	0.05	0.72	1.59	0.34	<2	0	
05/05/15	5/05/2015	13/10/2015	7.3	<2	<2	0.4	<0.05	0.09	0.55	0.95	0.11	<2	0	
12/05/15	12/05/2015	13/10/2015	7.6	<2	3	1.24	<0.05	0.08	0.83	2.07	0.14	<2	0	
19/05/15	19/05/2015	13/10/2015	7.1	<2	5	1.51	0.05	0.05	0.93	2.49	0.21	<2	0	
26/05/15	26/05/2015	13/10/2015	7.2	2	2	1.32	<0.05	<0.05	0.37	1.69	0.22	<2	0	
02/06/15	2/06/2015	13/10/2015	7.2	<2	4	0.76	<0.05	<0.05	0.82	1.58	0.22	<2	0	
09/06/15	9/06/2015	13/10/2015	7.2	<2	4	2.12	0.07	0.06	0.9	3.09	0.22	<2	1	
16/06/15	16/06/2015	13/10/2015	7.6	<2	<2	1.01	0.05	<0.05	0.87	1.93	0.19	<2	0	
23/06/15	23/06/2015	13/10/2015	7.6	<2	2	0.88	0.05	0.08	0.79	1.72	0.14	<2	0	
29,30/06/15	30/06/2015	13/10/2015	7.6	<2	<2	0.71	<0.05	0.07	0.88	1.59	0.18	<2	0	