

Environment Protection Licence No. 6267 - Englands Road Waste Management Facility									
Link to Licence on EPA Website: <a href="http://www.environment.nsw.gov.au/prpoeapp/">http://www.environment.nsw.gov.au/prpoeapp/</a>									
<a href="http://www.environment.nsw.gov.au/prpoeapp/ViewPOELicence.aspx?DOCID=30933&amp;SYSUID=1&amp;LCID=6267">http://www.environment.nsw.gov.au/prpoeapp/ViewPOELicence.aspx?DOCID=30933&amp;SYSUID=1&amp;LCID=6267</a>									
Coffs Harbour City Council									
Locked Bag 156, Coffs Harbour NSW 2450									
Monitoring Data									
AIR									
Monitoring Point Type	Landfill Gas Generation Monitoring - Sub-surface methane gas monitoring bores surrounding landfill								
Monitoring Frequency	6 monthly								
Pollutant	Methane gas								
Unit of Measure	Percent (%) by volume								
Trigger for further investigation	1.25% (v/v)								
EPA Identification No.	Point 17	Point 18	% Methane	Point 20	Point 19	Notes			
Location	Gas Bore 1	Gas Bore 2	Gas Bore 3	Gas Bore 4	gas bore A (Nth)	gas bore B (Sh)	Gas Bore 1 was accidently destroyed late 2004 despite being advised of this - EPA retain the Point in the Licence		
Date Sampled	Date Published								
17/04/2012	destroyed	no sample due to	0.20%	nil	26/07/2012				
17/05/2012	destroyed	groundwater	0.40%	nil	26/07/2012				
22/06/2012	destroyed	intrusion	0.20%	nil	26/07/2012				
6/12/2012	destroyed		0.10%	nil	18/07/2013				
27/03/2013	destroyed		0.10%	0.10%	13/05/2013				
22/05/2013	destroyed		nil	nil	21/06/2013				
13/06/2013	destroyed		0.20%	0.10%	21/06/2013				
5/11/2013	destroyed		nil	nil	4/04/2014				
4/03/2014	destroyed		nil	nil	4/04/2014				
15/04/2014	Destroyed		0.00%	0.00%	15/07/2014				
6/06/2014	Destroyed		0.00%	0.00%	15/07/2014				
29/10/2014	Destroyed		0.00%	0.00%	1/11/2014				
15/12/2014	Destroyed		0.00%	0.00%	20/12/2014				
30/04/2015	Destroyed		0.60%	0.00%	29/06/2015				
11/06/2015	Destroyed		0.50%	Inaccessible	29/06/2015				
16/06/2015	Destroyed		nil	nil	1/04/2016	nil	nil		
29/02/2016	Destroyed		nil	nil	1/04/2016	nil	nil		
4/05/2016	Destroyed		nil	nil		nil	nil		
8/06/2016	Destroyed		nil	nil		nil	nil		
21/12/2016	Destroyed		nil	nil		nil	nil		
6/02/2017	Destroyed		nil	nil	12/07/2017	nil	nil		
27/04/2017	Destroyed		nil	nil	12/07/2017	nil	nil		
6/06/2017	Destroyed		nil	nil	12/07/2017	nil	nil		
30/11/2017	Destroyed		nil	nil	17/07/2018	nil	nil		
28/02/2018	Destroyed		nil	nil	17/07/2018	nil	nil		
27/04/2018	Destroyed		nil	nil	17/07/2018	nil	nil		
22/06/2018	Destroyed		nil	nil	17/07/2018	nil	nil		
14/12/2018	Destroyed		nil	nil	19/06/2019	nil	0.1		
13/02/2019	Destroyed		nil	nil	19/06/2019	nil	nil		
12/04/2019	Destroyed		nil	nil	13/08/2020	nil	nil		
17/06/2019	Destroyed		nil	nil	13/08/2020	nil	nil		
22/11/2019	Destroyed		nil	nil	13/08/2020	nil	nil		
2/03/2020	Destroyed		nil	nil	13/08/2020	nil	nil		
22/05/2020	Destroyed		nil	nil	13/08/2020	nil	nil		
24/07/2020	Destroyed		nil	nil	13/08/2020	nil	nil		
Monitoring Point Type	Ambient Air Quality Monitoring - Landfill Surface Methane Gas Monitoring								
Monitoring Frequency	Monthly								
Pollutant	Methane gas								
Unit of Measure	Parts per million								
Trigger for further action	500 parts per million methane								
EPA Identification No.	Licence Condition MS 5								
Location	Surface of the landfill								
Date Sampled	Date Published								
23/04/2012	Parts per million Methane								
23/05/2012	All results less than 500 parts per million methane								
27/06/2012	All results less than 500 parts per million methane								
18/07/2012	All results less than 500 parts per million methane								
18/07/2012	One result only greater than 500 parts per million methane - being 750ppm, located north batter								
22/06/2012	All results less than 500 parts per million methane								
19/09/2012	All results less than 500 parts per million methane								
17/10/2012	All results less than 500 parts per million methane								
14/11/2012	All results less than 500 parts per million methane								
18/12/2012	All results less than 500 parts per million methane								
16/01/2013	All results less than 500 parts per million methane								
13/02/2013	All results less than 500 parts per million methane								
3/04/2013 for March	All results less than 500 parts per million methane								
16/04/2013	All results less than 500 parts per million methane								
28/05/2013	All results less than 500 parts per million methane								
26/06/2013	All results less than 500 parts per million methane								
23/07/2013	All results less than 500 parts per million methane								
29/08/2013	All results less than 500 parts per million methane								
24/09/2013	All results less than 500 parts per million methane								
24/10/2013 and 25/10/2013	All results less than 500 parts per million methane								
26/11/2013	All results less than 500 parts per million methane								
17/12/2013	All results less than 500 parts per million methane								
14/01/2014	All results less than 500 parts per million methane								
25/02/2014	All results less than 500 parts per million methane								
25/03/2014	All results less than 500 parts per million methane								
15/04/2014	All results less than 500 parts per million methane								
27/05/2014	All results less than 500 parts per million methane								
24/06/2014	All results less than 500 parts per million methane								
22/07/2014	All results less than 500 parts per million methane								
18/08/2014	All results less than 500 parts per million methane								
30/09/2014	All results less than 500 parts per million methane								
21/10/2014	All results less than 500 parts per million methane								
18/11/2014	All results less than 500 parts per million methane								
16/12/2014	All results less than 500 parts per million methane								
20/01/2015	All results less than 500 parts per million methane								
26/02/2015	All results less than 500 parts per million methane								
24/03/2015	All results less than 500 parts per million methane								
21/04/2015	All results less than 500 parts per million methane								
19/05/2015	All results less than 500 parts per million methane								
23/06/2015	All results less than 500 parts per million methane								
23/07/2015	All results less than 500 parts per million methane								
18/08/2015	All results less than 500 parts per million methane								
22/09/2015	All results less than 500 parts per million methane								
20/10/2015	All results less than 500 parts per million methane								
17/11/2015	All results less than 500 parts per million methane								
15/12/2015	All results less than 500 parts per million methane								
10/01/2016	All results less than 500 parts per million methane								
16/02/2016	All results less than 500 parts per million methane								
22/03/2016	All results less than 500 parts per million methane								
19/04/2016	All results less than 500 parts per million methane								
24/05/2016	All results less than 500 parts per million methane								
21/06/2016	All results less than 500 parts per million methane								
18/07/2016	All results less than 500 parts per million methane								

**Environment Protection Licence No. 6267 - Englands Road Waste Management Facility**

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<http://www.environment.nsw.gov.au/prpocapp/ViewPOELicence.aspx?DOCID=30933&SYSUID=1&LICID=6267>

**Coffs Harbour City Council**

**Locked Bag 156, Coffs Harbour NSW 2450**

**Monitoring Data**

16/08/2016	All results less than 500 parts per million methane	25/11/2016	
21/09/2016	All results less than 500 parts per million methane	25/11/2016	
19/10/2016	All results less than 500 parts per million methane	25/11/2016	
16/11/2016	All results less than 500 parts per million methane	25/11/2016	
14/12/2016	All results less than 500 parts per million methane	27/01/2017	
25/01/2017	All results less than 500 parts per million methane	27/01/2017	
15/02/2017	All results less than 500 parts per million methane	17/05/2017	
15/03/2017	All results less than 500 parts per million methane	17/05/2017	
19/04/2017	All results less than 500 parts per million methane	17/05/2017	
17/05/2017	All results less than 500 parts per million methane	17/05/2017	
14/06/2017	All results less than 500 parts per million methane	12/07/2017	
20/07/2017	All results less than 500 parts per million methane	25/07/2017	
16/08/2017	All results less than 500 parts per million methane	19/10/2017	
13/09/2017	All results less than 500 parts per million methane	19/10/2017	
18/10/2017	All results less than 500 parts per million methane	19/10/2017	
15/11/2017	All results less than 500 parts per million methane	19/01/2018	
13/12/2017	All results less than 500 parts per million methane	19/01/2018	
17/01/2018	All results less than 500 parts per million methane	19/01/2018	
14/02/2018	All results less than 500 parts per million methane	23/04/2018	
14/03/2018	All results less than 500 parts per million methane	23/04/2018	
11/04/2018	All results less than 500 parts per million methane	23/04/2018	
16/05/2018	All results less than 500 parts per million methane	17/07/2018	
13/06/2018	All results less than 500 parts per million methane	17/07/2018	
11/07/2018	All results less than 500 parts per million methane	17/07/2018	
15/08/2018	All results less than 500 parts per million methane	5/11/2018	
12/09/2018	All results less than 500 parts per million methane	5/11/2018	
24/10/2018	All results less than 500 parts per million methane	5/11/2018	
16/01/2019	All results less than 500 parts per million methane	22/01/2018	
15/02/2019	All results less than 500 parts per million methane	26/04/2019	
13/03/2019	All results less than 500 parts per million methane	26/04/2019	
10/04/2019	All results less than 500 parts per million methane	26/04/2019	
17/05/2019	All results less than 500 parts per million methane	19/06/2019	
12/06/2019	All results less than 500 parts per million methane	19/06/2019	
3/07/2019	All results less than 500 parts per million methane	2/08/2019	
14/08/2019	All results less than 500 parts per million methane	31/10/2019	
11/09/2019	All results less than 500 parts per million methane	31/10/2019	
16/10/2019	All results less than 500 parts per million methane	31/10/2019	
13/11/2019	All results less than 500 parts per million methane	18/06/2020	
9/12/2019	All results less than 500 parts per million methane	18/06/2020	
23/01/2020	All results less than 500 parts per million methane	18/06/2020	
19/02/2020	All results less than 500 parts per million methane	18/06/2020	
12/03/2020	All results less than 500 parts per million methane	18/06/2020	
8/04/2020	All results less than 500 parts per million methane	18/06/2020	
13/05/2020	All results less than 500 parts per million methane	18/06/2020	
12/06/2020	All results less than 500 parts per million methane	18/06/2020	
14/07/2020	All results less than 500 parts per million methane	20/07/2020	
12/08/2020	All results less than 500 parts per million methane	13/08/2020	

Environment Protection Licence No. 6267 - Enlands Road Waste Management Facility													Monitoring Data												
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http://www.environment.nsw.gov.au/prpocoeapp/ViewPOELicence.aspx?DOCID=30933&SYSUID=1&LICID=6267																									
Coffs Harbour City Council																									
Locked Bag 156, Coffs Harbour NSW 2450																									
Monitoring Point Type Ambient Air Quality Monitoring - All buildings Within 250m of the waste filled areas of the premises																									
Monitoring Frequency Monthly																									
Pollutant Methane gas																									
Unit of Measure Percent (%) by volume													% Methane												
Trigger for further action EPA Identification No.													1.25% (v/v) Point 25 - various buildings												
Location																									
Date Sampled													Date Published												
Weighbridge Office																									
Operator container																									
Operator lunchroom																									
Truckwash																									
25 Enlands Road (Handybin Office)																									
31 Enlands Road (CCRRF building)																									
Offsite Location A (Depot)																									
Offsite Location B (Dwelling)																									
Offsite Location C (Shed)																									
Offsite Location D (Depot)																									
Offsite Location E (Dwelling)																									
Offsite Location F (Shed)																									
27/04/2012													26/07/2012												
22/05/2012													26/07/2012												
21/06/2012													26/07/2012												
18/07/2012													26/07/2012												
1/08/2012													11/12/2012												
13/09/2012													11/12/2012												
23/10/2012													11/12/2012												
23/11/2012													11/12/2012												
14/12/2012													14/03/2013												
16/01/2013													14/03/2013												
13/02/2013													14/03/2013												
27/03/2013													7/06/2013												
16/04/2013													7/06/2013												
28/05/2013													21/06/2013												
26/06/2013													30/08/2013												
23/07/2013													30/08/2013												
29/08/2013													30/08/2013												
23/09/2013													29/10/2013												
30/10/2013													7/11/2013												
16/12/2013													17/12/2013												
13/01/2014													4/04/2014												
24/02/2014													4/04/2014												
24/03/2014													4/04/2014												
14/04/2014													28/04/2014												
28/05/2014													28/04/2014												
24/06/2014													15/07/2014												
22/07/2014													27/08/2014												
19/08/2014													27/08/2014												
30/09/2014													17/10/2014												
21/10/2014													29/10/2014												
18/11/2014													25/11/2014												
16/12/2014													16/12/2014												
20/01/2015													21/01/2015												
26/02/2015													27/02/2015												
24/03/2015													21/04/2015												
21/04/2015													21/04/2015												
19/05/2015													2/09/2015												
23/06/2015													24/07/2015												
23/07/2015													24/07/2015												
18/08/2015													30/09/2015												
22/09/2015													30/09/2015												
20/10/2015													16/02/2016												
17/11/2015													16/02/2016												
15/12/2015													16/02/2016												
19/01/2016													16/02/2016												
16/02/2016													16/02/2016												
22/03/2016													1/04/2016												
19/04/2016													7/07/2016												
24/05/2016													7/07/2016												
21/06/2016													no access												
19/07/2016													no access												
16/08/2016													no access												
EPL6267 changed to quarterly for building gas																									
16/11/2016													no access												
25/01/2017													no access												
19/04/2017													no access												
20/07/2017													no access												
18/10/2017													no access												
17/01/2018													no access												
11/04/2018													no access												
11/07/2018													no access												
24/10/2018													no access												
18/01/2019													no access												
10/04/2019													no access												
13/07/2019													no access												
16/10/2019													no access												
23/01/2020													no access												
8/04/2020													no access												
14/07/2020													no access												
WATER																									
Monitoring Point Type Leachate Quality Monitoring																									
Monitoring Frequency 6 monthly																									
EPA Identification No. Point 22																									
Location "Greenwaste" Pond (Northern Leachate Storage Dam)																									
Pollutant																									
Unit of Measure																									
Date Sampled													Date Published												
Alkalinity mg/L																									
Ammonia mg/L																									
Biochemical Oxygen Demand mg/L																									
Calcium mg/L																									
Chloride mg/L																									
Nitrate mg/L																									
Total Nitrogen mg/L																									
pH units																									
Potassium mg/L																									
Sodium mg/L																									
Sulfate mg/L																									
Total Kjeldahl Nitrogen mg/L																									
18/04/2012													26/07/2012												
29/01/2013													22/02/2013												
15/05/2013													7/06/2013												
21/03/2014													10/04/2014												
28/04/2014													12/05/2014												
28/11/2014													8/12/2014												

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http://www.environment.nsw.gov.au/prpocapp/ViewPOELicence.aspx?DOCID=30933&SYSUID=1&LICID=6267														
Coffs Harbour City Council														
Locked Bg 155, Coffs Harbour NSW 2450														
30/04/2015	454	19.4	55	67.0	219	2.44	40.4	7.8	120.0	210	26.9	25.6	29/05/2015	
21-Mar-16	279	1.16	29	19.9	358	<0.05	12.3	8.9	80.5	249	13.2	12.3	7/07/2016	
20/04/2016	165	<0.05	45	14.1	266	<0.05	11.5	9.5	54.2	159	13.6	<0.05	7/07/2016	
06-Jan-17	217	0.67	46	13	328	<0.05	18.9	9.7	77.9	208	8.9	18.9	27/01/2017	
28-Feb-17	188	2.96	34	12.1	222	0.15	55.8	7.8	59.4	161	8.3	55.7	17/05/2017	
05-Feb-18	169	2.35	10	14	239	0.44	10.4	7.9	75	180	135	9.99	23/04/2018	
24-Apr-18	362	4.38	47	28	338	0.14	21.6	8.7	91	267	18	20.8	17/07/2018	
04-Sep-18	144	0.38	23	17	177	0.31	11.9	9.3	47	130	53	11.5	5/11/2018	
24-Apr-19	390	10.5	21	41	394	0.18	21.6	8.7	80	231	60	20.7	19/06/2019	
10-Feb-20	241	8.63	27	23	201	0.14	19.1	9	59	157	18	18.9	18/06/2020	
30-Mar-20	808	95.8	23	72	280	0.02	109	8	89	235	30	109	18/06/2020	

  

Monitoring Point Type													Monitoring Frequency	
Leachate Quality Monitoring													6 monthly	
EPA Identification No.													Point 23	
Location													Active Cell Leachate Pond (Western Leachate Storage Dam)	
Pollutant	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl	Date Published	
Unit of Measure	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	Nitrogen	mg/L	
Date Sampled			mg/L											
18/04/2012	648	75	17	66.3	359	0.54	78.4	8.1	76.4	222	13.7	77.6	26/07/2012	
20/01/2013	231	14.7	49	43.4	178	0.30	30.9	8.5	48.2	125	59.5	29.9	22/02/2013	
15/05/2013	965	109	19	85.6	398	0.42	122.0	8.3	99.4	272	29.4	121.0	7/06/2013	
21/03/2014	656	17.6	19	29.6	515	0.12	32.0	8.6	158.0	518	4.2	31.5	10/04/2014	
28/04/2014	628	32.1	25	32.9	532	0.38	48.4	8.4	111.0	346	11.2	46.3	12/05/2014	
28/11/2014	568	3.82	77	22.5	689	0.38	41.1	9.1	158.0	486	21.5	40.1	8/12/2014	
30/04/2015	537	30.8	185	85.0	253	7.9	73.1	7.6	150.0	260	28.7	43.6	29/05/2015	

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 Coffs Harbour City Council  
 Locked Bag 155, Coffs Harbour NSW 2450

Monitoring Data														
Mar-16	648	10.9	72	33.3	675	0.07	52	9.2	150	504	23.8	51.3	7/07/2016	
26/04/2016	623	15.8	67	33.8	709	<0.05	54	8.4	133	446	21.9	53.8	7/07/2016	GMR
Jan-17	587	25.5	59	18.3	722	<0.05	50.9	9.1	149	500	25.5	50.9	27/01/2017	
Feb-17	563	15.2	43	26.3	598	0.58	38.6	8.9	136	438	24.4	37	17/05/2017	
Feb-18	506	8.07	35	18	616	0.05	59.3	9.4	230	590	33	59	23/04/2018	
Apr-18	615	48.8	133	47	422	<0.05	61.2	8.3	113	353	24	54.5	17/07/2018	
Sep-18	718	75.3	88	60	381	0.4	79.7	8.4	103	295	59	78.7	5/11/2018	
Apr-19	512	27.8	34	51	488	<0.02	46.5	8.8	99	295	38	43.3	19/06/2019	
10-Feb-20	425	25.2	36	38	322	0.08	41.8	8.9	89	255	6.6	41.6	18/06/2020	
30-Mar-20	1060	160	59	91	364	<0.02	173	8.5	119	326	64	172	18/06/2020	

Monitoring Point Type Monitoring Frequency EPA Identification No. Location													
Leachate Quality Monitoring 6 monthly Point 26 Leachate Collection Tanks (LIT) - COMPOSITE SAMPLE (Composite may comprise 2 or more individual LIT tank samples combined)													
Pollutant Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	Total Nitrogen mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Total Kjeldahl Nitrogen mg/L	Date Published
18/04/2012	Individual sample taken from LIT1												26/07/2012
29/01/2013	Individual samples taken from LIT												22/02/2013
15/05/2013	Individual samples taken from LIT												7/06/2013
21/02/2014	Individual samples taken from LIT												10/04/2014
28/04/2014	Individual samples taken from LIT												12/05/2014
28/11/2014	Individual samples taken from LIT												8/12/2014
30/04/2015	Individual samples taken from LIT												29/05/2015
Mar-16	Individual samples taken from LIT												7/07/2016
Jan-17	Individual samples taken from LIT												27/01/2017
Feb-17	Individual samples taken from LIT												17/05/2017
Feb-18	Individual samples taken from LIT												23/04/2018
May-18	Individual samples taken from LIT												17/07/2018
Sep-18	Individual samples taken from LIT												5/11/2018
Apr-19	Individual samples taken from LIT												19/06/2019
10-Feb-20	Individual samples taken from LIT												
30-Mar-20	Individual samples taken from LIT												

Monitoring Point Type Monitoring Frequency EPA Identification No. Location													
Leachate Quality Monitoring 6 monthly Point 26 Leachate Collection Tank No.1 (LIT1)													
Pollutant Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	Total Nitrogen mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Total Kjeldahl Nitrogen mg/L	Date Published
18/04/2012	1560	299	27	65.8	643	0.17	304	7.1	144	363	13.9	304	26/07/2012
29/01/2013	2690	437	64	83.4	959	<0.05	437	7.1	244	722	6.8	437	22/02/2013
15/05/2013	1790	319	26	63.1	660	0.16	331	7.2	107	414	11.2	330	7/06/2013
21/03/2014	Insufficient sample volume												10/04/2014
28/04/2014	591	310	30	55.3	601	<0.05	310	7	143	364	11.7	310	12/05/2014
20/11/2014	3480	605	71	97.3	977	0.63	672	7.7	320.0	790	35.8	671.0	8/12/2014
30/04/2015	1950	308	32	66.0	603	<0.05	340	7	260.0	616	6.9	340.0	29/05/2015
Mar-16	2570	308	86	67.2	686	1.07	315	7.5	233	813	90.9	313	7/07/2016
26/04/2016	3120	534	64	83.9	1300	0.52	562	7.4	264	827	81.3	561	7/07/2016
Jan-17	1500	216	72	53.6	1100	5.4	263	7.5	136	686	161	255	27/01/2017
Feb-17	556	59	66	51.1	901	4.64	88.1	7.4	56.3	554	22	80.7	17/05/2017
Feb-18	1590	281	91	55	885	7.84	304	7.5	250	820	135	292	23/04/2018
Apr-18	3520	648	84	80	1010	0.1	653	7	313	879	52	663	17/07/2018
Sep-18	1370	227	68	57	731	6.1	236	8	128	532	143	227	5/11/2018
Apr-19	1070	126	22	128	383	7.36	157	7	87	224	63	149	19/06/2019
10-Feb-20	3810	656	83	81	981	<0.02	657	7	309	862	94	657	18/06/2020
30-Mar-20	2060	367	55	101	691	2.73	369	7	179	557	126	367	18/06/2020

Monitoring Point Type Monitoring Frequency EPA Identification No. Location													
Leachate Quality Monitoring 6 monthly Point 26 Leachate Collection Tank No.3 (LIT3)													
Pollutant Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	Total Nitrogen mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Total Kjeldahl Nitrogen mg/L	Date Published
18/04/2012	Insufficient sample volume												26/07/2012
29/01/2013	1050	149	22	315	224	<0.05	159	7.0	85.3	168	450	159	22/02/2013
15/05/2013	4280	746	69	91.8	1280	0.06	889	7.3	306	964	9.7	889	7/06/2013
21/03/2014	Insufficient sample volume												10/04/2014
28/04/2014	Insufficient sample volume												12/05/2014
28/11/2014	390	64	11	25.9	851	0.43	75	7	46.9	529	202	74.4	8/12/2014
30/04/2015	544	48.2	9	92.0	558	4.46	59.7	7	84.0	370	97.1	54.8	29/05/2015
Mar-16	321	36.1	6	32.1	780	0.34	39.8	6.7	33.1	606	283	39.4	7/07/2016

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http://www.environment.nsw.gov.au/prpoeapp/ViewPOELicence.aspx?DOCID=30933&SYSUID=1&LICID=6267														
Coffs Harbour City Council														
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26/04/2016	434	15.1	7	135	363	1.62	21.3	7.3	27.1	187	153	19.4	7/07/2016	
6/01/2017	Insufficient sample volume													
Feb-17	3060	420	95	73.9	1170	1.69	734	7.2	248	866	108	732	27/01/2017	
5/02/2018	241	8.52	7	95	406	5.1	16.3	6.6	32	300	192	10.8	23/04/2018	
Apr-18	345	46.2	17	49	694	4.69	54.1	6.6	35	449	167	49.2	17/07/2018	
Sep-18	3650	683	75	76	1310	<0.05	750	7	312	1,020	92	750	5/11/2018	
Apr-19	545	7.26	31	158	181	4.82	23.6	7	25	88	48	16.8	19/06/2019	
10-Feb-20	400	10.6	7	115	69	0.97	12.8	7	21	60	63	11.3	18/06/2020	
30-Mar-20	3620	729	67	124	903	<0.02	729	7	281	828	109	729	18/06/2020	
<b>Monitoring Point Type</b>														
Leachate Quality Monitoring														
<b>Monitoring Frequency</b>														
6 monthly														
<b>EPA Identification No.</b>														
Point 26														
<b>Location</b>														
Leachate Collection Tank No.4 (LIT4)														
<b>Pollutant</b>	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl	<b>Date Published</b>	
<b>Unit of Measure</b>	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	Nitrogen	mg/L	
<b>Date Sampled</b>														
18/04/2012	Insufficient sample volume													
29/01/2013	873	109	18	332	131	0.21	127	7.1	70.4	127	451	126	26/07/2012	
15/05/2013	1970	258	30	215	414	0.22	291	7.3	109	301	11.3	291	22/02/2013	
21/03/2014	Insufficient sample volume													
28/04/2014	Insufficient sample volume													
26/11/2014	819	130	37	56.0	437	14.4	162	7	97.5	255	32.5	145.0	7/06/2013	
30/04/2015	1370	135	18	250.0	210	<0.05	154	7.2	180.0	290	54.1	154.0	10/04/2014	
21/03/2016	Insufficient sample volume													
26/04/2016	Insufficient sample													
6/01/2017	Insufficient sample													
Feb-17	Insufficient sample													
5/02/2018	Insufficient sample													
11/04/2018	Insufficient sample													
4/09/2018	Insufficient sample													
Apr-19	1970	235	23	275	326	0.21	241	7.6	113	286	76	240	8/12/2014	
10-Feb-20	1400	174	>764	238	258	0.16	182	6.9	97	221	74	182	29/05/2015	
30-Mar-20	Insufficient sample													
<b>WATER</b>														
<b>Monitoring Point Type</b>														
Leachate Quality Monitoring														
<b>Monitoring Frequency</b>														
6 monthly														
<b>EPA Identification No.</b>														
Point 26														
<b>Location</b>														
Leachate Collection Tank No.5 (LIT5)														
<b>Pollutant</b>	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl	<b>Date Published</b>	
<b>Unit of Measure</b>	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	Nitrogen	mg/L	
<b>Date Sampled</b>														
18/04/2012	Insufficient sample volume													
29/01/2013	414	50.1	16	65.2	118	<0.05	50.1	6.7	50.0	92.5	49.1	50.1	26/07/2012	
15/05/2013	Insufficient sample volume													
21/03/2014	907	136	24	60.6	565	0.78	156	7.1	87.4	245	58.0	155	22/02/2013	
28/04/2014	294	31.4	7	43.8	131	0.86	32.6	6.4	25.0	72.1	43.3	31.9	7/06/2013	
29/11/2014	Insufficient sample volume													
30/04/2015	548	59.7	14	61.0	166	0.06	64.3	6.6	69.0	130	31.2	64.3	10/04/2014	
Mar-16	3300	591	67	135	473	<0.05	591	7.3	308	860	58.6	591	12/05/2014	
26/04/2016	1050	147	23	79.8	475	0.24	148	6.9	109	295	111	148	8/12/2014	
Jan-17	3040	498	59	129	1040	<0.05	518	7.6	281	798	68.4	518	29/05/2015	
Feb-17	702	105	18	53.1	271	1.44	131	6.8	82.8	182	58	129	7/07/2016	
Feb-18	395	60.8	9	49	169	1.08	62.3	6.7	66	130	60	61.1	27/01/2017	
Apr-18	Insufficient sample for analysis													
Sep-18	2710	476	138	111	878	1.19	485	8	256	690	74	483	18/07/2018	
Apr-19	947	118	10	117	305	<0.02	137	7.0	82	223	108	137	5/11/2018	
10-Feb-20	84	42	64	187	187	<0.02	91	6.7	63	149	46	91	19/06/2019	
30-Mar-20	1170	179	18	103	333	<0.02	181	6.8	99	280	62	181	18/06/2020	

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http://www.environment.nsw.gov.au/prpocapp/ViewPOELicence.aspx?DOCID=30933&SYSUID=1&LICID=6267															
Coffs Harbour City Council															
Locked Bag 156, Coffs Harbour NSW 2450															
Monitoring Point Type	Groundwater Quality Monitoring														
Monitoring Frequency	6 monthly														
EPA Identification No.	Point 27														
Location	Groundwater Collection Tanks (GIT) - COMPOSITE SAMPLE (Composite may comprise 2 or more individual GIT tank samples combined)														
Pollutant	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl Nitrogen			
Unit of Measure	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	mg/L			
Date Sampled													Date Published		
18/04/2012	Individual sample taken from GIT3												26/07/2012		
29/01/2013	Individual sample taken from GIT3												22/02/2013		
15/05/2013	Individual sample taken from GIT1 and GIT3												7/06/2013		
21/03/2014	Individual sample taken from GIT3												10/04/2014		
28/04/2014	Insufficient sample volume												12/05/2014		
26/11/2014	Individual sample taken from GIT1, GIT2 and GIT3												8/12/2014		
30/04/2015	Individual sample taken from GIT1, GIT2 and GIT3												29/05/2015		
Mar-16	Individual sample taken from GIT1, GIT2 and GIT3												7/07/2016	GMR	
Apr-16	Individual sample taken from GIT1, GIT2 and GIT3												7/07/2016		
Jan-17	Individual sample taken from GIT1, GIT2 and GIT3												27/01/2017		
Feb-17	Individual sample taken from GIT1, GIT2 and GIT3												17/05/2017		
Feb-18	Individual sample taken from GIT1, GIT2 and GIT3												23/04/2018		
Apr-18	Individual sample taken from GIT1, GIT2 and GIT3												18/07/2018		
Sep-18	Individual sample taken from GIT1, GIT2 and GIT3												5/11/2018		
Apr-19	Individual sample taken from GIT1, GIT2 and GIT3												19/06/2019		
10-Feb-20	Individual sample taken from GIT1, GIT2 and GIT3												18/06/2020		
30-Mar-20	Individual sample taken from GIT1, GIT2 and GIT3												18/06/2020		
Monitoring Point Type	Groundwater Quality Monitoring														
Monitoring Frequency	6 monthly														
EPA Identification No.	Point 27														
Location	Groundwater Collection Tank No.1 (GIT1) (south)														
Pollutant	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl Nitrogen			
Unit of Measure	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	mg/L			
Date Sampled													Date Published		
18/04/2012	Insufficient sample volume												26/07/2012		
29/01/2013	Insufficient sample volume												22/02/2013		
15/05/2013	599	78.2	17	45	451	1.09	94.1	7.7	49.1	267	53	92	7/06/2013		
21/03/2014	Insufficient sample volume												10/04/2014		
28/04/2014	Insufficient sample volume												12/05/2014		
26/11/2014	758	113	22	46.6	351	16.1	146	7	94.4	252	32.5	129.0	8/12/2014		
30/04/2015	1400	230	22	60.0	497	0.06	235	7	200.0	410	15.8	235.0	29/05/2015		
Mar-16	3130	357	32	111	689	0.06	385	7.4	296	961	67.9	385	7/07/2016	GMR	
Apr-16	1880	328	35	85.7	733	0.17	336	7.3	171	475	98.7	336	7/07/2016		
Jan-17	Insufficient sample volume												27/01/2017		
Feb-17	Insufficient sample volume												17/05/2017		
Feb-18	299	1.34	5	110	147	0.34	17.4	6.8	21	53	69	17.1	23/04/2018		
Apr-18	184	3.28	3	24	607	3.42	8.04	6.7	5.9	345	69	4.46	18/07/2018		
Sep-18	232	2.31	18	54	579	12.3	16.7	7.3	20	353	179	3.99	5/11/2018		
Apr-19	Insufficient sample volume												19/06/2019		
10-Feb-20	808	117	33	64	234	<0.02	117	6.9	80	195	49	117	18/06/2020		
30-Mar-20	2130	362	36	116	571	<0.02	371	7.2	179	488	79	371	18/06/2020		
Monitoring Point Type	Groundwater Quality Monitoring														
Monitoring Frequency	6 monthly														
EPA Identification No.	Point 27														
Location	Groundwater Collection Tank No.2 (GIT2) (middle)														
Pollutant	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl Nitrogen			
Unit of Measure	mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	mg/L			
Date Sampled													Date Published		
18/04/2012	Insufficient sample volume												26/07/2012		
29/01/2013	Insufficient sample volume												22/02/2013		
15/05/2013	Insufficient sample volume												7/06/2013		
21/03/2014	Insufficient sample volume												10/04/2014		
28/04/2014	Insufficient sample volume												12/05/2014		
26/11/2014	52	0.87	<4	22.2	903	0.08	1.61	6	3.3	472	220	1.5	8/12/2014		
30/04/2015	398	13.9	2	91.0	406	3.84	18.9	6.9	44.0	300	106	14.7	29/05/2015		
Mar-16	114	4.39	3	29.6	956	<0.05	5.55	6.1	5.8	579	293	5.55	7/07/2016	GMR	
Apr-16	442	14.3	5	144	378	1.22	18.8	7.1	27.4	183	159	17.4	7/07/2016		
Jan-17	Insufficient sample volume												27/01/2017		
Feb-17	145	2.26	<2	44.5	634	5.54	10	6.5	8.9	366	172	4.4	17/05/2017		
Feb-18	257	1.43	6	110	410	4.46	8.22	6.5	30	300	195	3.6	23/04/2018		
Apr-18	Insufficient sample volume												18/07/2018		
Sep-18	521	6.66	19	161	173	3.5	17	7.5	23	89	49	11.5	5/11/2018		
Apr-19	404	9.69	15	116	65	0.88	12	7.2	22	62	61	10.6	18/06/2020		
10-Feb-20	563	13.8	6	155	221	5.96	21.5	7.3	24	146	48	15.1	18/06/2020		
30-Mar-20													18/06/2020		
Monitoring Point Type	Groundwater Quality Monitoring														
Monitoring Frequency	6 monthly														

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Coffs Harbour City Council

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**Monitoring Data**

EPA Identification No.		Point 27											Total Kjeldahl Nitrogen	Date Published
Location		Groundwater Collection Tank No.3 (GIT3) (north)											Nitrogen	mg/L
Pollutant	Unit of Measure	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	Total Nitrogen	pH	Potassium	Sodium	Sulfate	Total Kjeldahl Nitrogen	Date Published
Date Sampled		mg/L	mg/L	Oxygen Demand	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	mg/L	
18/04/2012		152	2.07	6	21.4	594	0.23	3.53	7.8	4.7	295	58.4	3.3	26/07/2012
29/01/2013		154	1.39	<4	27.5	525	0.7	2.74	6.9	6.0	291	81.3	1.99	22/02/2013
15/05/2013		157	1.58	<4	18.4	547	0.14	3.23	7.5	4.6	282	56.2	3.09	7/06/2013
21/03/2014		171	2.36	6	25.5	599	6.31	16.0	7.1	9.8	381	69.2	9.66	10/04/2014
28/04/2014		Insufficient sample volume												
28/11/2014		219	3.5	5	31.4	859	2.75	7.07	6.9	10.0	434	113	4.3	8/12/2014
30/04/2015		138	1.64	<2	18.0	443	0.95	3.51	7	10.0	320	59.1	2.9	29/05/2015
Mar-16		243	2.62	6	34.7	930	0.46	3.85	6.7	9.2	508	136	3.39	7/07/2016
Apr-16		233	<0.05	<2	44.4	1030	2.98	4.32	7.4	9.1	476	151	1.34	7/07/2016
Jan-17		243	1.58	5	42.4	1000	2.78	5.04	7.1	10	557	205	2.02	27/01/2017
Feb-17		Insufficient sample volume												
Feb-18		247	9.78	41	46	675	4.12	15.7	7.4	28	490	183	11.2	17/05/2017
Apr-18		159	0.91	<4	48	541	3.19	5.15	6.3	14	337	136	1.88	23/04/2018
Sep-18		105	1.7	<4	41	936	0.51	3.59	5.8	6.6	526	221	3.08	5/11/2018
Apr-19		503	3.3	5	151	171	3.13	9.27	7.4	22	82	71	6	19/06/2019
10-Feb-20		292	7.32	13	59	211	1.79	11.9	6.9	20	156	77	8.41	18/06/2020
30-Mar-20		308	14.9	7	51	570	2.16	18.5	6.7	18	372	185	15.9	18/06/2020

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http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEO Licence.aspx?DOCID=30933&SYSUID=1&LCID=6267														
Coffs Harbour City Council														
Locked Bag 155, Coffs Harbour NSW 2450														
WATER														
Monitoring Point Type														
Treated Surface Water Discharge Quality Monitoring														
Monitoring Frequency														
6 monthly (and "Special Frequency 1" for pollutant "total suspended solids")														
EPA Identification No.														
Point 11														
Location														
Northwest constructed wetland outlet														
Limit imposed by the Licence														
pH 6.5 - 8.5														
Total Suspended Solids 50mg/L refer conditions L2														
Pollutant	Alkalinity	Ammonia	Biochemical	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate	Total Suspended Solids	Date Published		
Unit of Measure	mg/L	mg/L	Oxygen Demand mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	mg/L	Date Published		
Date Sampled														
18/04/2012											100	26/07/2012		
13/07/2012	84	<0.05	6	36.9	43.6	1.10	7.2	14.8	23	28.3	19	23/11/2012		
19/09/2012											16	23/11/2012		
9/11/2012											33	23/11/2012		
10/11/2012											57	23/11/2012		
11/11/2012											62	23/11/2012		
18/11/2012											272	27/11/2012		
11/12/2012											101	18/12/2012		
13/12/2012											13	18/12/2012		
28/12/2012											247	14/03/2013		
14/01/2013											41	14/03/2013		
27/01/2013											88	14/03/2013		
2/02/2013											20	14/03/2013		
17/02/2013											27	14/03/2013		
19/02/2013	152	0.09	4	56.9	93.8	1.66	7.3	21.1	53.1	40.9	318	14/03/2013		
2/03/2013											57	14/03/2013		
3/03/2013											177	14/03/2013		
4/04/2013											584	13/05/2013		
5/04/2013											367	13/05/2013		
10/04/2013											205	13/05/2013		
24/05/2013	29	0.14	5	8.7	20.3	1.41	7.2	6.4	11.9	13.0	428	7/06/2013		
24/05/2013											622	7/06/2013		
13/06/2013											784	21/06/2013		
27/06/2013											37	19/07/2013		
29/06/2013											328	19/07/2013		
19/07/2013											22	29/10/2013		
11/11/2013											30	4/12/2013		
24/11/2013											272	4/12/2013		
26/11/2013											84	4/12/2013		
30/11/2013											192	17/12/2013		
27/12/2013											224	15/01/2014		
6/02/2014											22	14/02/2014		
2/03/2014											23	4/04/2014		
21/03/2014											17	4/04/2014		
21/03/2014	106	0.14	3	44.6	43.5	0.64	7.6	18.4	33.5	48.4	140	10/04/2014		
25/03/2014											453	4/04/2014		
28/03/2014											227	4/04/2014		
6/04/2014											311	12/05/2014		
28/04/2014	59	0.14	5	30.6	42.1	7.11	7.3	16.6	25.9	39.5	41	17/06/2014		
31/05/2014											46	17/06/2014		
1/06/2014											384	15/07/2014		
11/06/2014											43	27/08/2014		
17/08/2014											422	27/08/2014		
24/08/2014											59	25/11/2014		
8/11/2014											131	8/12/2014		
28/11/2014	12	<0.05	6	50.6	67.1	1.24	7.4	22.3	41.6	63.1	5	16/12/2014		
5/12/2014											61	16/12/2014		
12/12/2014											146	22/01/2015		
19/12/2014											69	22/01/2015		
27/12/2014											38	22/01/2015		
28/12/2014											198	29/02/2015		
22/01/2015											110	29/02/2015		
20/02/2015											74	19/03/2015		
28/02/2015											10	19/03/2015		
9/03/2015											16	16/04/2015		
1/04/2015											12	29/05/2015		
20/04/2015											178	29/05/2015		
29/04/2015											79	29/05/2015		
30/04/2015	-	0.28	-	50	38.6	5.64	7.4	18	29	33.5	8	5/06/2015		
19/05/2015	178	0.07	<2	54	33.7	0.11	7.3	14	26	4.8	25	30/09/2015		
24/09/2015											27	30/09/2015		
18/09/2015											15	30/09/2015		
29/09/2015											10	19/11/2015		
4/11/2015											159	19/11/2015		
5/11/2015											19	19/11/2015		
9/11/2015											194	19/11/2015		
14/11/2015											5	4/03/2016		
15/11/2015											8	4/03/2016		
30/11/2015											15	4/03/2016		
2/12/2015											11	4/03/2016		
23/12/2015											9	4/03/2016		
16/01/2016											8	4/03/2016		
24/01/2016											5	4/03/2016		
26/01/2016											167	4/03/2016		
27/01/2016											72	7/07/2016		
04-Mar-16											36	7/07/2016		
21-Mar-16	254	14.2	7	53.8	129	0.45	7.80	35.7	85.8	33.3	31	7/07/2016		
13-Apr-16											302	7/07/2016		
18-Apr-16											12	7/07/2016		
19-Apr-16											34	7/07/2016		
25-Apr-16											225	7/07/2016		
26-Apr-16											78	7/07/2016		
04-Jun-16											52	7/07/2016		
20-Jun-16											59	7/07/2016		
23-Aug-16											25	20/10/2016		
24-Aug-16											39	20/10/2016		
16-Sep-16											190	20/10/2016		
14-Oct-16											76	25/11/2016		
01-Nov-16											40	25/11/2016		
02-Nov-16											85	25/11/2016		
10-Nov-16											82	25/11/2016		
06-Dec-16											126	27/01/2017		
07-Dec-16											56	27/01/2017		
6/01/2017											50	27/01/2017		

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Environment Protection Licence No. 6267 - Enghams Road Waste Management Facility												Monitoring Data	
Link to Licence on EPA Website: <a href="http://www.environment.nsw.gov.au/prpoeoapp/">http://www.environment.nsw.gov.au/prpoeoapp/</a>													
http://www.environment.nsw.gov.au/prpoeoapp/ViewPOELicense.aspx?DOCID=30933&SYSUID=1&LICID=6267													
Coffs Harbour City Council													
Locked Bag 155, Coffs Harbour NSW 2450													
6/01/2017	628	59.6	25	61.5	542	5.47	8.20	112	342	45.1	50	27/01/2017	
12/01/2017											28	27/01/2017	
27/01/2017											44	17/05/2017	
15/02/2017											138	17/05/2017	
20/02/2017											12	17/05/2017	
28/02/2017											53	17/05/2017	
29/02/2017	107	0.08	7	46.1	46	1.58	7.60	18.4	30.7	37.7	156	17/05/2017	
5/03/2017											160	17/05/2017	
6/03/2017											125	17/05/2017	
15/03/2017											92	17/05/2017	
29/03/2017	554	13.2	7	184	92	<0.05	7.60	56.2	56.7	44	17	17/05/2017	
7/04/2017							7.60				52	17/05/2017	
12/04/2017	202	0.82	<5	58.5	55	0.05	7.40	22.9	35.8	12.7	11	17/05/2017	
4/05/2017							7.60				34	17/05/2017	
14/05/2017							7.60				33	27/07/2017	
15/05/2017							7.40				55	27/07/2017	
10/06/2017							7.30				120	27/07/2017	
18-Jun-17							7.50				47	27/07/2017	
01-Oct-17							6.80				80	19/01/2018	
03-Oct-17							6.90				62	19/01/2018	
09-Oct-17							7.60				73	19/01/2018	
14-Oct-17							7.60				37	19/01/2018	
21-Oct-17							7.30				49	19/01/2018	
06-Nov-17							7.70				89	19/01/2018	
23-Dec-17							7.90				31	19/01/2018	
25-Dec-17							7.40				92	19/01/2018	
27-Dec-17							7.30				148	19/01/2018	
04-Feb-18							7.90				60	23/04/2018	
05-Feb-18							7.40				151	23/04/2018	
05-Feb-18	82	0.13	<4	40	36	1.38	7.40	15	25	36	168	23/04/2018	
21-Feb-18							7.90				113	23/04/2018	
07-Mar-18							7.30				126	23/04/2018	
24-Feb-18							7.30				182	23/04/2018	
26-Feb-18							7.40				180	23/04/2018	
22-Mar-18							7.40				120	23/04/2018	
28/03/2018							7.20				52	23/04/2018	
24/04/2018	159	1.42	7	54	75	0.23	7.40	20	53	37	32	18/07/2018	
between April - June no discharge events due to construction of sediment ponds													
18/07/2018							7.00				22	5/11/2018	
18/07/2018							8.10				9	5/11/2018	
28/08/2018							7.90				24	5/11/2018	
7/09/2018							8.00				12	5/11/2018	
10/09/2018							8.10				11	5/11/2018	
26/09/2018							8.20				29	5/11/2018	
27/09/2018							8.20				25	5/11/2018	
8/10/2018							8.20				15	5/11/2018	
20/10/2018							8.00				26	5/11/2018	
22/10/2018							8.00				26	22/01/2018	
9/11/2018							7.80				40	22/01/2018	
22/11/2018							7.80				36	22/01/2018	
19/12/2018							8.40				30	22/01/2018	
20/12/2018							8.60				26	22/01/2018	
21/12/2018							8.60				37	22/01/2018	
28/12/2018							8.03				FNLU 20.4	22/01/2018	
4/04/2019							8.00				30	26/04/2019	
24/04/2019	114	0.14	12	71	53	0.56	9.20	13	29	117	41	26/04/2019	
29/04/2019							8.20				25	19/06/2019	
30/04/2019							8.20				24	2/08/2019	
3/07/2019							7.00				15	2/08/2019	
18/07/2019							7.80				33	2/08/2019	
21/10/2019							8.10				45	31/10/2019	
28/01/2020							7.75				18	18/06/2020	
10/02/2020	65	0.31	8	24	15	0.57	7.90	9.2	12	19	66	18/06/2020	
18/03/2020	143	<0.02	7	48	31	<0.02	7.90				9	10/08/2020	
30/03/2020	145	<0.02	9	45	36	<0.02	8.60	12	22	19	43	18/06/2020	
15/05/2020							8.90	12	25	16	30	18/06/2020	
22/05/2020							8.2				29	19/06/2020	
30/09/2020							7.90				29	19/06/2020	
31/07/2020							7.90				21	10/08/2020	
							7.90				18		
Pollutant	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate	Total Suspended Solids		

Environment Protection Licence No. 6267 - Englands Road Waste Management Facility  
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 Coffs Harbour City Council  
 Locked Bag 155, Coffs Harbour NSW 2450

Monitoring Data

Monitoring Point Type	Treated Surface Water Discharge Quality Monitoring											Total Suspended Solids mg/L	refer conditions L2
	6 monthly (and "Special frequency 1" for pollutant "total suspended solids")												
Monitoring Frequency	Point 12											50mg/L	Date Published
EPA Identification No.	Southeast constructed wetland outlet												
Location	pH 6.5 - 8.5											Total Suspended Solids mg/L	Date Published
Limit imposed by the Licence	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Sulfate mg/L		
Pollutant Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Sulfate mg/L	Total Suspended Solids mg/L	Date Published
Date Sampled	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Sulfate mg/L	Total Suspended Solids mg/L	Date Published
18/04/2012	138	0.12	<4	54.2	32.2	0.94	7.5	18.2	19.2	28.9	27	26/07/2012	
13/07/2012											21	23/11/2012	
19/09/2012											227	23/11/2012	
9/11/2012											17	23/11/2012	
10/11/2012											90	23/11/2012	
11/11/2012											37	23/11/2012	
18/11/2012											51	27/11/2012	
11/12/2012											147	18/12/2012	
13/12/2012											46	18/12/2012	
26/12/2012											159	14/03/2013	
14/01/2013											264	14/03/2013	
27/01/2013											1180	14/03/2013	
2/02/2013											48	14/03/2013	
17/02/2013											31	14/03/2013	
19/02/2013	110	0.12	8	44.5	26.1	0.91	7.6	19.1	18.4	32.9	34	14/03/2013	
2/03/2013											150	14/03/2013	
3/03/2013											88	14/03/2013	
4/04/2013											189	13/05/2013	
6/04/2013											126	13/05/2013	
10/04/2013											62	13/05/2013	
24/05/2013	17	0.05	3	2.9	13.9	0.32	7.0	6.4	8.5	4.2	41	7/06/2013	
24/05/2013											49	7/06/2013	
13/06/2013											159	21/06/2013	
27/06/2013											71	19/07/2013	
29/06/2013											40	19/07/2013	
19/10/2013											22	29/10/2013	
30/10/2013											357	7/11/2013	
11/11/2013											122	4/12/2013	
24/11/2013											83	4/12/2013	
26/11/2013											168	4/12/2013	
30/11/2013											46	17/12/2013	
27/12/2013											111	15/01/2014	
6/02/2014											21	14/02/2014	
2/03/2014											48	4/04/2014	
21/03/2014											13	4/04/2014	
21/03/2014	97	0.37	4	52.6	42	2.42	7.9	15.8	29.6	67.2	98	10/04/2014	
25/03/2014											208	4/04/2014	
28/03/2014											68	4/04/2014	
6/04/2014											68	4/04/2014	
28/04/2014	122	0.4	5	62	44.8	5.42	7.6	20.9	26.8	60.2	44	12/05/2014	
31/05/2014											76	17/06/2014	
1/06/2014											12	17/06/2014	
11/06/2014											48	15/07/2014	
17/06/2014											162	27/08/2014	
24/06/2014											118	27/08/2014	
6/11/2014											59	25/11/2014	
28/11/2014	74	0.05	<4	42.2	22.6	3.11	8.1	12.6	17.8	48.7	316	8/12/2014	
5/12/2014											35	16/12/2014	
12/12/2014											40	16/12/2014	
19/12/2014											20	22/01/2015	
27/12/2014											28	22/01/2015	
28/12/2014											101	22/01/2015	
22/01/2015											44	20/02/2015	
20/02/2015											238	29/02/2015	
28/02/2015											15	19/03/2015	
9/03/2015											14	19/03/2015	
1/04/2015											354	16/04/2015	
20/04/2015											48	29/05/2015	
29/04/2015											23	29/05/2015	
30/04/2015											18	29/05/2015	
19/05/2015	277	1.81	5	93	45	2.24	7.4	36	42	50.5	31	5/06/2015	
24/06/2015											204	30/09/2015	
18/08/2015											279	30/09/2015	
26/09/2015											6	19/11/2015	
4/11/2015											46	19/11/2015	
5/11/2015											24	19/11/2015	
9/11/2015											11	19/11/2015	
14/11/2015											172	19/11/2015	
15/11/2015											13	19/11/2015	
30/11/2015											27	19/11/2015	
2/12/2015											62	4/03/2016	
23/12/2015											44	4/03/2016	
16/01/2016											24	4/03/2016	
23/01/2016											37	4/03/2016	
26/01/2016											367	4/03/2016	
27/01/2016											16	4/03/2016	
7/02/2016											13	4/03/2016	
04-Mar-16											21	7/07/2016	
21-Mar-16	153	0.15	2	71.1	47	0.95	7.4	20.5	33	70.7	14	7/07/2016	
13-Apr-16											110	7/07/2016	
18-Apr-16											36	7/07/2016	
19-Apr-16											137	7/07/2016	
25-Apr-16											422	7/07/2016	
26-Apr-16	218	0.09	<2	102	72.7	0.37	7.60	20.9	36.4	90	27	7/07/2016	
04-Jun-16											345.0	7/07/2016	
20-Jun-16											18.0	7/07/2016	
23-Aug-16											26	20/10/2016	
24-Aug-16											48	20/10/2016	
15-Sep-16											204	20/10/2016	
14-Oct-16											17	25/11/2016	
01-Nov-16											91	25/11/2016	
02-Nov-16											59	25/11/2016	
10-Nov-16											161	25/11/2016	
6/12/2016											107	27/01/2017	
7/12/2016											41	27/01/2017	
6/01/2017											128.0	27/01/2017	

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Environment Protection Licence No. 6267 - Englands Road Waste Management Facility  
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 Coffs Harbour City Council  
 Locked Bag 155, Coffs Harbour NSW 2450

											Monitoring Data					
6/01/2017	76	0.16	5	48.1	24	3.31	7.80	12.6	19.6	69.4	122	27/01/2017				
12/01/2017											65	27/01/2017				
27/01/2017											9	17/05/2017				
15/02/2017											93	17/05/2017				
20/02/2017											41	17/05/2017				
28/02/2017											270	17/05/2017				
28/02/2017	96	0.1	3	51.1	34	3.15	7.60	15.8	21.8	52.9	102	17/05/2017				
5/03/2017											46	17/05/2017				
6/03/2017											20	17/05/2017				
15/03/2017											230	17/05/2017				
29/03/2017	222	0.49	2	66.3	66	<0.05	7.50	25.9	42.1	13.4	2	17/05/2017				
3/04/2017	246	4.8	<4	101	69	1.05	7.70	23.3	41.6	75.2	62	17/05/2017				
7/04/2017											2	17/05/2017				
12/04/2017	554	10	6	16.3	70	0.39	7.60	36.2	48.3	57.9	7	17/05/2017				
4/05/2017											48	17/05/2017				
14/05/2017											24	27/07/2017				
15/05/2017											7.50	27/07/2017				
19/05/2017											8	27/07/2017				
19/06/2017											378	27/07/2017				
18/06/2017											28	27/07/2017				
19/06/2017	340	7.21	18	345	193	<0.05	7.60	169	70	45.5	22	27/07/2017				
01-Oct-17											152	19/01/2018				
03-Oct-17											300	19/01/2018				
09-Oct-17											7.40	19/01/2018				
14-Oct-17											378	19/01/2018				
21-Oct-17											32	19/01/2018				
06-Nov-17											7.90	19/01/2018				
22-Dec-17											45	19/01/2018				
22-Dec-17											57	19/01/2018				
25-Dec-17											258	19/01/2018				
27-Dec-17											100	19/01/2018				
04-Feb-18											7.80	23/04/2018				
05-Feb-18											32	23/04/2018				
05-Feb-18	205	0.47	5	76	74	1.04	7.80	78	54	66	52	23/04/2018				
21-Feb-18											74	23/04/2018				
07-Mar-18											16	23/04/2018				
24-Feb-18											74	23/04/2018				
26-Feb-18											70	23/04/2018				
22-Mar-18											37	23/04/2018				
28/03/2018											14	23/04/2018				
24/04/2018	196	0.11	3	79	48	1.46	7.80	24	33	42	645	18/07/2018				
18/07/2018											18	5/11/2018				
23/08/2018											7	5/11/2018				
7/09/2018											8.50	5/11/2018				
12/09/2018											31	5/11/2018				
28/09/2018											48	5/11/2018				
27/09/2018											32	5/11/2018				
8/10/2018											27	5/11/2018				
20/10/2018											8.10	5/11/2018				
9/11/2018											40	5/11/2018				
19/12/2018											8.60	5/11/2018				
28/12/2018											34	22/01/2018				
20/03/2019											7.60	22/01/2018				
1/04/2019											8.20	26/04/2019				
5/04/2019											33	26/04/2019				
19/04/2019											8.30	26/04/2019				
24/04/2019	122	0.13	5	65	45	1.15	8.90	16	26	87	60	26/04/2019				
1/05/2019											39	19/06/2019				
9/07/2019											8.00	5	2/08/2019			
1/10/2019											8.29	39	31/10/2019			
28/01/2020											7.65	42	18/06/2020			
10/02/2020	109	1.25	14	40	20	<0.02	7.30	14	15	33	112	18/06/2020				
6/03/2020											38	18/06/2020				
18/03/2020	181	3.16	15	70	46	<0.02	7.90	18	34	57	51	18/06/2020				
30/03/2020	139	1.25	8	57	49	0.5	8.70	14	34	57	44	10/08/2020				
2/04/2020											43	19/06/2020				
14/04/2020											36	19/06/2020				
30/08/2020											8.20	20	10/08/2020			
3/08/2020											7.80	40	13/08/2020			

Pollutant	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate	Total Suspended Solids			
WATER														
Monitoring Point Type	Surface Water Quality Monitoring													
Monitoring Frequency	6 monthly, during flow													
EPA Identification No.	Point 13													
Location	SW 1 - western creek in forested area ('background' quality)													
Pollutant	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	Total Nitrogen	pH units	Potassium	Sodium	Sulfate	Total Kjeldahl Nitrogen	Total Suspended Solids	Date Published
18/04/2012	16	<0.05	2	4.0	23.6	0.11	1.00	6.5	3.2	17.6	12.8	0.89	2	28/07/2012
18/05/2013	16	<0.05	6	4.3	22.8	0.06	6.3	5.4	15.5	6.7	1.36	1.36	17	14/03/2013
24/05/2013	10	<0.05	3	2.4	14.4	1.78	2.82	6.5	4.7	8.4	8.0	1.04	29	7/06/2013



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 Coffs Harbour City Council  
 Locked Bag 156, Coffs Harbour NSW 2450

Monitoring Data

WATER											
Monitoring Point Type											
Monitoring Frequency											
EPA Identification No.											
Location											
Trigger for further Investigation											
Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Date Published
24/04/2012	47	<0.05	<2	2.6	53.5	0.25	6.0	1.2	51.6	8.5	26/07/2012
19/05/2012	49	<0.05	<2	2.6	112	0.21	6.1	1.3	53.8	17.7	26/07/2012
11/11/2012	50	<0.05	<2	2.7	50.1	0.1	6.1	1.0	47.0	8.3	9/01/2013
12/06/2013	48	<0.05	<2	3	69.9	0.2	6.0	1.5	51.4	10.1	21/06/2013
27/11/2013	48	<0.05	<2	2.9	65.8	0.13	6.0	1.2	51.8	8.2	17/12/2013
19/05/2014	49	<0.05	<2	2.7	79.1	0.09	6.2	1.2	52.1	8.4	4/06/2014
24/11/2014	51	<0.5	<2	3	79.5	0.08	6.2	1.6	59.4	8.9	8/12/2014
26/05/2015	50	<0.05	<2	3	75.5	0.13	6.1	2	56	8.2	5/06/2015
6/11/2015	48	<0.05	<2	3.2	76.7	0.09	6.0	1.5	60.8	8.4	0
1/06/2016	51	<0.05	<2	3.4	89.7	<0.05	6.1	1.7	65.2	9	0
24/11/2016	48	<0.05	<2	3.2	84	0.05	6.0	1.5	64.2	8.7	0
25/05/2017	50	<0.05	<2	3.5	81	0.06	6.1	1.7	64.1	8.8	0
Nov-15	48	<0.05	<2	3.2	76.7	0.09	6.0	1.5	60.8	8.4	7/07/2016
Jun-16	51	<0.05	<2	3.4	89.7	<0.05	6.1	1.7	65.2	9	7/07/2016
Nov-16	48	<0.05	<2	3.2	84	0.05	6	1.5	64.2	8.7	27/01/2017
May-17	50	<0.05	<2	3.5	81	0.06	6.1	1.7	64.1	8.8	12/07/2017
Jan-18	48	<0.05	<2	3.1	78	0.06	6.1	1.7	60	8.1	23/04/2018
May-18	50	<0.05	<2	3.2	81	0.05	6.1	1.5	62	8.7	18/07/2018
Nov-18	49	<0.05	<2	3	66	0.18	6	1.3	60	8.9	26/04/2019
Dec-19	53	<0.02	<2	2.9	57	0.63	6.2	1.4	55	9.1	10/08/2020
Jun-20	57	<0.02	<2	2.6	62	0.6	6.2	1.3	54	8.6	10/08/2020

Monitoring Point Type											
Monitoring Frequency											
EPA Identification No.											
Location											
Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Date Published
24/04/2012	2	<0.05	<2	7.5	762	<0.05	4.5	1.0	548	547	26/07/2012
19/05/2012	2	<0.05	<2	10.4	985	0.07	4.5	1.1	613	532	26/07/2012
11/11/2012	2	<0.05	<2	8.7	762	<0.1	4.7	1.2	610	470	9/01/2013
12/06/2013	5	<0.05	<2	10.6	795	0.14	4.8	1.9	696	472	21/06/2013

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<a href="http://www.environment.nsw.gov.au/prpocapp/ViewPOEOLicence.aspx?DOCID=309334SYSUID=1&amp;LICID=6267">http://www.environment.nsw.gov.au/prpocapp/ViewPOEOLicence.aspx?DOCID=309334SYSUID=1&amp;LICID=6267</a>													
Coffs Harbour City Council													
Locked Bag 155, Coffs Harbour NSW 2450													
Monitoring Data													
Date Sampled	Pollutant	Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Date Published
27/11/2013	<2	<0.05	<2	8.9	821	<0.05	4.5	1.1	655	464	17/12/2013		
19/05/2014	<2	<0.05	<2	9.8	870	<0.05	4.6	1.2	612	462	4/06/2014		
24/11/2014	5	<0.05	<2	13.7	1310	<0.05	4.7	1.5	706	611	8/12/2014		
26/05/2015	6	<0.05	<2	14	772	0.24	5.0	2	680	446	5/06/2015		
6/11/2015	<2	<0.05	<2	13.6	1080	<0.05	4.5	1.6	787	572	0		
1/06/2016	<2	<0.05	<2	16.8	1340	<0.05	4.5	2	882	652	0		
24/11/2016	<2	<0.05	<2	16.1	1260	<0.05	4.5	1.6	866	626	0		
25/05/2017	3	<0.05	<2	17.6	1220	0.05	4.8	2.3	842	614	0		
Nov-15	<2	<0.05	<2	13.6	1080	<0.05	4.5	1.6	787	572	7/07/2016		
Jan-16	<2	<0.05	<2	16.8	1340	<0.05	4.5	2	882	652	7/07/2016		
Nov-16	<2	<0.05	<2	16.1	1260	<0.05	4.5	1.6	866	626	27/01/2017		
May-17	3	<0.05	<2	17.6	1220	0.05	4.8	2.3	842	614	12/07/2017		
Jan-18	<2	<0.05	<2	16	1140	<0.05	4.5	3.5	900	630	23/04/2018		
May-18	<2	<0.05	<2	18	1260	<0.05	4.5	1.8	903	691	18/07/2018		
Nov-18	<2	<0.05	<2	16	1260	<0.05	4.5	1.6	902	685	26/04/2019		
Dec-19	<2	<0.02	<2	19	1360	<0.02	4.4	1.7	963	776	10/08/2020		
Jun-20	3	0.02	<2	20	1560	0.02	4.6	2	930	770	10/08/2020		
<b>Monitoring Point Type</b> Groundwater Quality Monitoring													
<b>Monitoring Frequency</b> 6 monthly													
<b>EPA Identification No.</b> Point 5													
<b>Location</b> GW 5													
Date Sampled	Pollutant	Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Date Published
24/04/2012	52	<0.05	<2	3.7	61.4	0.18	6.0	0.75	53.9	10.1	26/07/2012		
19/05/2012	53	<0.05	<2	3.5	65.7	0.22	6.1	0.76	52.9	9.7	26/07/2012		
11/12/2012	55	<0.05	<2	3.7	74.0	0.4	6.1	0.88	50.0	10.0	9/01/2013		
12/06/2013	57	<0.05	<2	4.2	88.5	0.23	6.0	0.88	51.6	9.0	21/06/2013		
27/11/2013	57	<0.05	<2	4.2	77.2	0.16	6.0	0.93	62.5	9.4	17/12/2013		
19/05/2014	56	<0.05	<2	4.2	95.3	0.2	6.3	0.84	64.7	9.7	4/06/2014		
24/11/2014	58	0.06	<2	4.8	140	<0.05	6.3	1.1	70.3	19.5	8/12/2014		
26/05/2015	59	<0.05	<2	4	84.4	0.22	6.2	1	54	9.9	5/06/2015		
6/11/2015	57	<0.05	<2	4.7	111	0.14	6.1	1.2	78.6	13.2	0		
1/06/2016	50	<0.05	<2	8.6	253	0.1	6.0	1.2	121	26.4	0		
24/11/2016	49	<0.05	<2	8	199	0.08	5.9	1.4	116	20.4	0		
25/05/2017	50	<0.05	<2	9.1	206	0.08	6.1	1.2	20.7	11.2	0		
Nov-15	57	<0.05	<2	4.7	111	0.14	6.1	1.2	78.6	13.2	7/07/2016		
Jun-16	50	<0.05	<2	8.6	253	0.1	6	1.2	121	26.4	7/07/2016		
Nov-16	49	<0.05	<2	8	199	0.08	5.9	1.4	116	20.4	27/01/2017		
May-17	50	<0.05	<2	9.1	206	0.08	6.1	2.2	112	20.7	12/07/2017		
Jan-18	47	<0.05	<2	10	259	<0.05	5.9	2.1	140	28.2	23/04/2018		
May-18	49	<0.05	<2	11	241	<0.05	6	1.6	132	28	18/07/2018		
Nov-18	42	<0.05	<2	17	384	<0.05	5.7	1.8	219	72	26/04/2019		
Dec-19	26	<0.02	<2	22	669	<0.02	5.5	1.9	421	268	10/08/2020		
Jun-20	34	<0.02	<2	21	707	<0.02	5.7	2.1	356	206	10/08/2020		
<b>Monitoring Point Type</b> Groundwater Quality Monitoring													
<b>Monitoring Frequency</b> 6 monthly													
<b>EPA Identification No.</b> Point 33													
<b>Location</b> GW 10													
<b>Triager for further investigation</b> N/A													
Date Sampled	Pollutant	Unit of Measure	Alkalinity mg/L	Ammonia mg/L	Biochemical Oxygen Demand mg/L	Calcium mg/L	Chloride mg/L	Nitrate mg/L	pH units	Potassium mg/L	Sodium mg/L	Sulfate mg/L	Date Published
24/04/2012	94	<0.05	<2	9.1	49.5	<0.05	6.7	1.1	60.1	11.3	26/07/2012		
19/05/2012	120	<0.05	<2	11.7	56.5	<0.05	6.7	1.2	67.1	12.4	26/07/2012		
11/12/2012	122	<0.05	<2	14.0	56.6	<0.1	7.0	1.5	61.0	11.8	9/01/2013		
12/06/2013	139	<0.05	<2	16.8	74.3	<0.05	6.6	1.5	76.7	14.3	21/06/2013		
27/11/2013	158	<0.05	<2	21.6	77.3	<0.05	7.0	1.5	82.6	15.5	17/12/2013		
19/05/2014	165	<0.05	<2	24.5	71.9	<0.05	6.8	1.6	82.2	12.9	4/06/2014		
24/11/2014	130	<0.05	<2	14.4	85.7	<0.05	6.9	1.2	68.4	19.1	8/12/2014		
26/05/2015	109	<0.05	<2	14	77.7	<0.05	6.6	1	69	17.8	5/06/2015		
6/11/2015	175	<0.05	<2	33.5	100	<0.05	6.8	1.6	100	95.1	0		
1/06/2016	154	<0.05	<2	23.5	111	#REF!	6.6	1.5	85.4	24.7	0		
24/11/2016	135	0.05	<2	23.8	99	<0.05	6.6	1.9	85.7	21.2	0		
25/05/2017	104	0.09	<2	16.3	91	<0.05	6.5	1.5	76.1	18.1	0		
Nov-15	175	<0.05	<2	33.5	100	<0.05	6.8	1.6	100	95.1	7/07/2016		
Jun-16	154	<0.05	<2	23.5	111	<0.05	6.6	1.5	85.4	24.7	7/07/2016		
Nov-16	135	0.05	<2	23.8	99	<0.05	6.6	1.9	85.7	21.2	27/01/2017		
May-17	104	0.09	<2	16.3	91	<0.05	6.5	1.5	76.1	18.1	12/07/2017		
Jan-18	NIL readings											18/07/2018	
May-18	132	<0.05	<2	25	104	<0.05	6.7	1.7	86	23	18/07/2018		
Nov-18	120	<0.05	<2	21	107	<0.05	6.5	1.6	90	22	26/04/2019		
Dec-19	131	<0.02	<2	24	120	0.03	7	1.8	96	25	10/08/2020		
Jun-20	73	<0.02	<2	11	106	<0.02	6.3	1.4	69	17	10/08/2020		
<b>WATER</b>													
<b>Monitoring Point Type</b> Groundwater Quality Monitoring													
<b>Monitoring Frequency</b> 6 monthly													
<b>EPA Identification No.</b> Point 36													
<b>Location</b> GW 6D													
Pollutant	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate			





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**Coffs Harbour City Council**

**Locked Bag 155, Coffs Harbour NSW 2450**

**Monitoring Data**

Date	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate	Date Published
27/11/2013	<2	<0.05	<2	1.7	749	<0.05	4.1	0.20	432	143	17/12/2013
19/05/2014	<2	<0.05	<2	1.6	526	<0.05	4.2	0.33	437	84.4	4/06/2014
24/11/2014	<2	<0.05	<2	1.7	921	<0.05	4.2	0.22	396	170	8/12/2014
26/05/2015	<2	<0.05	<2	2	820	<0.05	4.2	<1	491	151	5/06/2015
6/11/2015	<2	<0.05	<2	2.2	796	<0.05	4.2	0.34	469	151	
1/06/2016	<2	<0.05	<2	2.1	852	<0.05	4.2	0.61	479	155	
24/11/2016	<2	<0.05	<2	2.1	745	<0.05	4.2	0.5	459	153	
25/05/2017	4	<0.05	<2	5.4	621	<0.05	4.6	3.5	360	125	
Nov-15	<2	<0.05	<2	2.2	796	<0.05	4.2	0.34	469	151	7/07/2016
Jan-16	<2	<0.05	<2	2.1	852	<0.05	4.2	0.61	479	155	7/07/2016
Nov-16	<2	<0.05	<2	2.1	745	<0.05	4.2	0.5	459	153	27/01/2017
May-17	4	<0.05	<2	5.4	621	<0.05	4.6	3.5	360	125	12/07/2017
Jan-18	<2	<0.05	<2	3.2	741	<0.05	4.3	2.1	480	135	23/04/2018
May-18	<2	0.05	<2	3.1	748	<0.05	4.3	1.1	444	147	18/07/2018
Nov-18	<2	<0.05	<2	2.6	761	<0.05	4.2	0.79	449	141	26/04/2019
Dec-19	<2	<0.02	<2	2.9	783	0.03	4.3	1	449	138	10/08/2020
Jun-20	<2	0.02	<2	3.6	713	0.13	4.3	2.1	368	140	10/08/2020

Monitoring Point Type												
Groundwater Quality Monitoring												
Monitoring Frequency												
6 monthly												
EPA Identification No.												
Point 42												
Location												
GW 12												
Date Sampled	Pollutant	Alkalinity	Ammonia	Biochemical Oxygen Demand	Calcium	Chloride	Nitrate	pH	Potassium	Sodium	Sulfate	Date Published
Unit of Measure		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	units	mg/L	mg/L	mg/L	
24/04/2012	76	<0.05	<2	21.1	98.9	0.18	5.9	2.5	55.7	6.0	26/07/2012	
19/06/2012	80	<0.05	<2	20.6	99.1	0.15	6	2.5	56.0	5.7	26/07/2012	
11/12/2012	83	<0.05	<2	22.0	98.6	<0.1	6.2	1.9	51.0	5.4	9/01/2013	
12/06/2013	89	<0.05	<2	20.2	98.4	0.18	5.9	2.4	58.2	5.5	21/06/2013	
27/11/2013	85	<0.05	<2	20.1	96.5	0.15	6.2	2.5	52.1	5.5	17/12/2013	
19/05/2014	89	<0.05	<2	16.0	75.8	0.21	6	2.3	57.4	4.8	4/06/2014	
24/11/2014	89	<0.05	<2	15.6	90.3	0.33	6.6	2.6	50.5	6.3	8/12/2014	
26/05/2015	90	<0.05	<2	21	107	0.21	6.0	2	58	6.1	5/06/2015	
6/11/2015	85	<0.05	<2	21.8	107	0.23	6.5	2.4	60.3	6.4		
1/06/2016	87	<0.05	<2	14.7	93	0.21	6.0	2.2	53.4	5.8		
24/11/2016	82	<0.05	<2	15.4	90	0.29	6.1	2.2	58.7	6.1		
25/05/2017	83	<0.05	<2	14.5	87	0.33	6.0	2.4	57.6	5.7		
Nov-15	85	<0.05	<2	21.8	107	0.23	6.5	2.4	60.3	6.4	7/07/2016	
Jun-16	87	<0.05	<2	14.7	93	0.21	6	2.2	53.4	5.8	7/07/2016	
Nov-16	82	<0.05	<2	15.4	90	0.29	6.1	2.2	58.7	6.1	27/01/2017	
May-17	83	<0.05	<2	14.5	87	0.33	6	2.4	57.6	5.7	12/07/2017	
Jan-18	84	<0.05	<2	17	88	0.33	6.4	2.7	57	5.7	23/04/2018	
May-18	82	<0.05	<2	16	88	0.35	6	2.1	56	6.1	18/07/2018	
Nov-18	84	<0.05	<2	16	84	0.36	6.3	2.2	59	5.9	26/04/2019	
Dec-19	84	<0.02	<2	18	102	0.42	6.6	2.3	61	6.4	10/08/2020	
Jun-20	88	<0.02	<2	16	118	0.52	6.1	2.2	60	6.2	10/08/2020	

Monitoring Point Type		
Groundwater Quality Monitoring		
Monitoring Frequency		
6 monthly		
EPA Identification No.		
Point 34		
Location		
GW 11		
Trigger for further investigation	N/A	
Pollutant	Nitrate	
Unit of Measure	mg/L	
Date Sampled	Nitrate	Date Published
24/04/2012	11.20	26/07/2012
19/06/2012	12.90	26/07/2012
11/12/2012	4.50	9/01/2013
12/06/2013	11.80	21/06/2013
27/11/2013	9.18	17/12/2013
19/05/2014	13.90	4/06/2014
24/11/2014	11.1	8/12/2014
Nov-15	9.7	7/07/2016
Jun-16	8.74	7/07/2016
Nov-16	10	27/01/2017
May-17	10.8	12/07/2017
Jan-18	9.4	23/04/2018
May-18	10.4	18/07/2018
Nov-18	9.66	26/04/2019
May-19	9.23	19/06/2019
Dec-19	7.33	18/06/2020
Jun-20	5.93	10/08/2020

6/11/2015	9.7	
1/06/2016	8.74	
24/11/2016	10	
25/05/2017	10.8	