

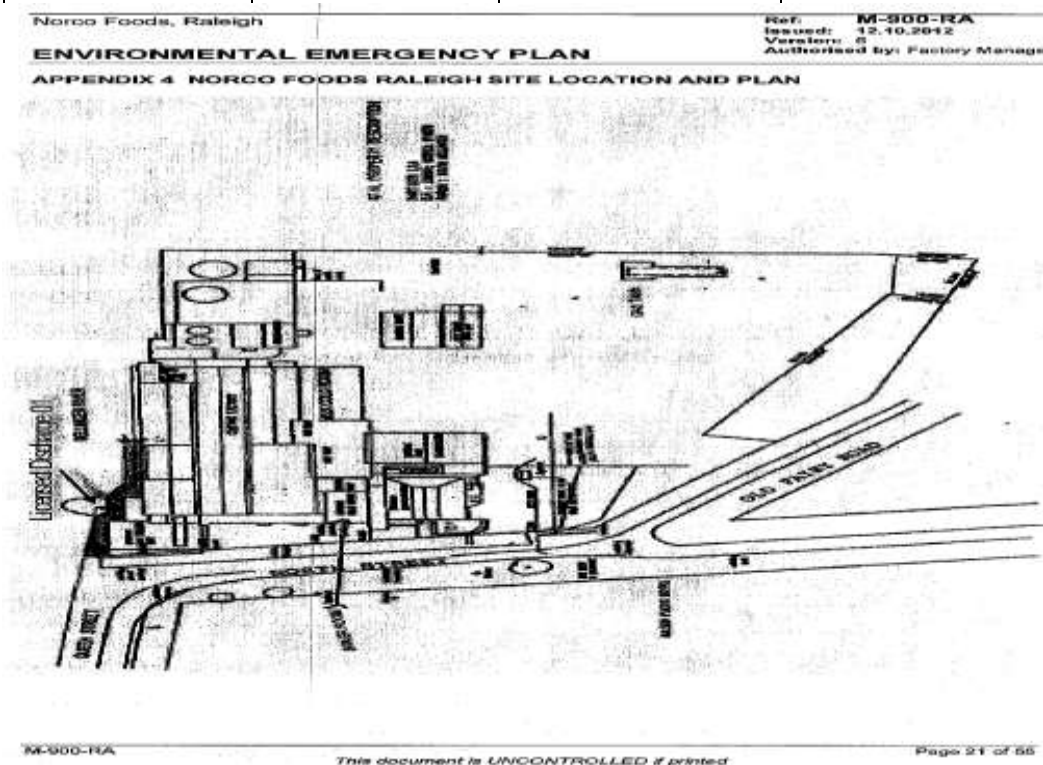
A link to Norco Foods licence is available [here](http://app.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=922&id=922&option=licence&searchrange=licence&range=POEO licence&prp=no&statu)

<http://app.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=922&id=922&option=licence&searchrange=licence&range=POEO licence&prp=no&statu>

Norco Foods			
Address:	1 North Street, Raleigh, NSW 2454	EPA License Number	922

LICENCED DISCHARGE POINT

EPA Identification No1	Type of monitoring point	Type of Discharge point	Description of Location
	Discharge to waters. Effluent quality and volume monitoring	Discharge to waters. Effluent quality and volume monitoring.	Drain discharge to Bellinger River adjacent to THE Tanker Bay and labelled Licenced Discharge 01 on the Raleigh Factory General Site and Location Plan



MONITORING SAMPLING FREQUENCY FOR LICENCED DISCHARGE POINT 01

Pollutant	Units of Measure	Frequency	Sampling method
Biochemical Oxygen Demand	milligrams per litre	Daily	Representative Sample
Nitrate + nitrate oxidised nitrogen	milligrams per litre	Weekly	Representative Sample
Nitrogen Total	milligrams per litre	Weekly	Representative Sample
Oil & Grease	milligrams per litre	Weekly	Representative Sample
Total Phosphorus	milligrams per litre	Weekly	Representative Sample
Total suspended Solids	milligrams per litre	Weekly	Representative Sample
PH	PH	Daily	Representative Sample

LIMITS FOR LICENCED DISCHARGE POINT 01 - Prior to 1 Nov 2017

Pollutant	Units of Measure	90 percentile concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre	10	15
Oil & Grease	milligrams per litre	2	6

PH	PH		6.5-8.5
Total Nitrogen	milligrams per litre	12	20
Total Phosphorus	milligrams per litre	0.5	3
Total Suspended Solids	milligrams per litre	45	60
Biochemical Oxygen Demand	milligrams per litre	50	90

LIMITS FOR LICENCED DISCHARGE POINT 01 - Post 1 Nov 2017

Pollutant	Units of Measure	90 percentile concentration limit	100 percentile concentration limit
Ammonia	milligrams per litre	2	5
Oil & Grease	milligrams per litre	2	5
PH	PH		6.5-8.5
Total Nitrogen	milligrams per litre	10	20
Total Phosphorus	milligrams per litre	0.5	1
Total Suspended Solids	milligrams per litre	15	30
Biochemical Oxygen Demand	milligrams per litre	10	20

Volume & mass limits for Licenced Discharge Point 01

Point 01	Unit of measure	Volume /mass Limit
1	Kilolitres per day	400

Volume can exceed on one day but cannot exceed 800KL over 2 days

POLLUTION INCIDENT MANAGEMENT RESPONSE PLAN

The following actions are necessary when there is a risk to human life or damage exceeds \$10,000 as required by M-90-3-

- Site meetings
- Employee induction, training and tool box sessions
- Briefs, notifications and alerts

External communication methods include:

- All significant BOD results notified to DECCA as per licence.
- Daily treated water test results sent to DECCA as required.
- Meetings and correspondence with interested parties (eg. Local council and DECCA) as necessary.
- All pollution incidents must be reported immediately
- All relevant authorities must be notified
- Dial 000 If there is a threat to human health or property eg Fire Hazmat
- Or if potential damage may exceeds \$10,000.
- If the incident does not require an initial combat agency the following relevant authorities must be notified.
- ARA The appropriate regulatory authority for the activity under the POEP Act (usually the EPA or local council)
- The EPA (if it is not the ARA) phone 131555 (24hr)
- The Ministry of Health Phone 000 Lismore northern branch 66202100
- Work Cover Authority Phone 131050 Coffs Harbour Branch 66591700
- The local authority (local Council) if not the ARA Bellingen branch 66557300
- Fire and rescue NSW Local Stations Urunga(66556309)Bellingen (66551433)
- Fire and rescue NSW 1300 729 579
- Raleigh primary school 66554228
- Neighbouring home George Finney 66554695
- Neighbouring home Mark White 66554512 Mobile 0413315320
- Neighbouring home B Regan (Walking distance)
- Oyster Farmer Mick Swanston Phone 66556345

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	Demand		Solids				Daily	
Maximum	8.04	63	2	19	14.3	0.26	19.5	322
Minimum	7.48	13	2	7	1.2	0.09	5.01	158
Mean	7.72	24	2	12	5.6	0.14	9.25	207

April		Date 7th May 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.75	46	2	15	9.9	0.24	11.6	400
Minimum	7.44	7	2	4	0.83	0.04	2.76	88
Mean	7.98	22	2	11	4.67	0.09	7.92	212

May		Date 6th June 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.1	48	2	40	6.96	0.46	15.4	400
Minimum	6.5	8	2	14	0.19	0.07	3.53	105
Mean	7.85	25	2	25	2.69	0.2	7.37	219

June		Date 8th July 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.08	71	2	7	4.81	0.13	9.27	275
Minimum	6.5	7	2	5	0.05	0.03	1.67	109
Mean	7.48	26	2	6	2.27	0.08	5.11	188

July		Date 9th August 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.16	74	2	13	0.05	0.04	3.55	351
Minimum	7.54	7	2	6	0.05	0.18	1.45	93
Mean	8.25	32	2	11	0.1	0.1	2.1	200

August		Date 6th September 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.01	87	2	17	3.58	0.16	6.28	400
Minimum	6.95	13	2	7	0.05	0.09	2.07	100
Mean	7.66	39	2	12	0.35	0.12	3.36	225

September		Date 16th October 2013						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.87	65	3	29	6.6	0.16	11.8	400
Minimum	6.7	27	2	6	0.05	0.07	1.65	164
Mean	7.05	17	2.2	13.5	1.73	0.1	5.44	239

October		Date 11th November 2013.						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.05	33	2	17	3.58	0.38	6.29	396
Minimum	6.52	15	2	7	0.05	0.06	2.87	165
Mean	6.7	23	2	12	0.81	0.22	4.09	219

November		Date 9th December 2013.						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.78	118	3	11	2.59	0.06	6.07	300
Minimum	6.54	13	2	4	0.05	0.14	2.24	134
Mean	6.97	29	2	7	0.83	0.01	3.77	221

December		Date 16th January 2014						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.41	38	3	44	0.12	0.11	4.51	350
Minimum	6.88	7	2	6	0.05	0.04	1.28	160
Mean	6.96	16	2	16	0.17	0.06	2.52	236

January		Date 7th February 2014						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.01	89	2	50	3.99	0.12	8.16	300

Minimum	6.5	8	2	13	0.05	0.05	2.04	150
Mean	6.6	32	2	16	1.36	0.07	4.13	227

February **Date** 10th March 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.1	79	2	18	3.9	0.17	8.79	280
Minimum	6.51	7	2	6	0.11	0.1	1.3	190
Mean	6.83	32	2	11	1.15	0.04	4.7	231

March **Date** 15th April 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.2	88	2	32	2.62	0.23	5.58	400
Minimum	6.55	11	2	6	0.05	0.04	1.26	139
Mean	6.93	40	2	16	0.91	0.13	3.35	222

April **Date** 14th May 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.75	90	2	42	4.15	0.24	5.54	400
Minimum	6.77	14	2	7	0.05	0.03	1.78	141.2
Mean	7.36	36	2	23	1	0.15	3.33	240

May **Date** 18th June 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.39	30	2	13	1.42	0.13	5.68	400
Minimum	6.79	7	2	6	0.05	0.05	1.33	61
Mean	7.17	19	2	8	0.67	0.08	2.94	220

June **Date** 9th July 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.6	121	2	26	1.21	0.25	5.75	400
Minimum	7.06	7	2	7	0.08	0.05	3.22	96
Mean	7.23	29	2	13	0.38	0.11	2.94	251

July **Date** 13th August 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.1	54	2	11	0.56	0.19	2.66	400
Minimum	7.12	13	2	5	0.05	0.03	1.5	121
Mean	7.37	28	2	8	0.17	0.09	2.02	245

August **Date** 9th September 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.48	53	2	18	0.05	0.11	3.25	400
Minimum	7	7	2	8	0.05	0.03	2.04	190
Mean	7.34	28	2	13	0.05	0.06	2.66	260

September **Date** 13th October 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.57	112	2	13	0.78	0.06	7.15	400
Minimum	7.21	7	2	7	0.05	0.03	1.14	228
Mean	7.36	38	2	8	0.22	0.03	3.59	312

October **Date** 11th November 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.85	106	2	46	4.83	0.29	10.4	400
Minimum	7.04	13	2	5	0.05	0.06	2.3	190
Mean	7.17	30	2	19	1.24	0.14	4.6	345

November **Date** 9th December 2014

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.84	92	2	26	0.09	0.52	6.11	400
Minimum	7.08	17	2	4	0.05	0.24	2.68	220
Mean	7.4	40	2	13	0.06	0.37	3.68	279

December **Date** 10th January 2015

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.93	116	2	34	0.75	0.32	6.29	400
Minimum	7	22	2	5	0.05	0.07	2.04	200

Mean	7.48	25	2	14	0.31	0.23	4.45	288
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		January		Date		5th February 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.94	110	2	12	0.49	0.22	5.3	300	
Minimum	6.83	8	2	5	0.05	0.07	1.63	150	
Mean	7.23	30	2	9.5	0.17	0.14	3.06	285	

		February		Date		6th March 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.54	112	2	9	0.83	0.22	3.97	400	
Minimum	6.86	9	2	4	0.05	0.11	2.34	39	
Mean	7.15	28.3	2	6	0.28	0.16	3.03	276	

		March		Date		9th April 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.77	87	2	44	2.82	0.37	7.26	400	
Minimum	6.89	7	2	6	0.05	0.1	2.14	101	
Mean	7.36	32	2	14	0.71	0.24	3.73	267	

		April		Date		11th May 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.86	50	2	9	0.36	0.25	4.45	400	
Minimum	7.48	12	2	5	0.05	0.15	1.58	31	
Mean	6.97	21	2	7	0.15	0.22	3.05	235	

		May		Date		12th June 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.73	70	2	41	0.31	0.42	3.58	400	
Minimum	6.58	16	2	8	0.13	0.11	2.77	113	
Mean	6.96	33	2	23	0.05	0.31	1.65	225	

		June		Date		10th July 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.66	120	2	25	1.26	0.25	5.47	400	
Minimum	6.68	7	2	5	0.05	0.03	1.18	96	
Mean	7.23	30	2	15	0.38	0.12	2.54	221	

		July		Date		12th August 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.78	34	2	10	1.06	0.21	3.45	400	
Minimum	7.01	7	2	7	0.05	0.03	1.61	67	
Mean	7.61	21	2	9	0.47	0.1	2.28	251	

		August		Date		9th September 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.57	101	2	15	0.14	0.41	7.93	400	
Minimum	6.5	12	2	5	0.05	0.22	4.03	20	
Mean	7.69	23	2	11	0.09	0.37	5.73	300	

		September		Date		10th October 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.86	125	2	18	0.06	0.39	5.42	400	
Minimum	6.9	9	2	3	0.05	0.04	1.35	170	
Mean	7.43	32	2	10	0.05	0.19	3.65	358	

		October		Date		17th November 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.86	59	2	13	0.05	0.22	4.02	400	
Minimum	7.14	7	2	8	0.05	0.66	1.99	228	
Mean	6.8	25	2	10	0.05	0.14	2.6	370	

		November		Date		8th December 2015			
	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.17	123	2	25	0.16	0.47	3.66	400	
Minimum	6.82	7	2	11	0.05	0.07	1.92	230	
Mean	7.6	45	2	15	0.08	0.18	2.22	327	

December		Date 15th January 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.24	110	3	37	1.79	0.53	400	
Minimum	8.17	20	2	11	0.05	0.19	131	
Mean	7.56	42	2	19	0.38	0.31	226	

January		Date 12th February 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.29	44	2	24	1.27	0.85	350	
Minimum	8.07	7	2	15	0.52	0.55	152	
Mean	6.99	31	2	7	0.05	0.19	253	

February		Date 10th March 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.26	163	2	44	0.58	0.37	277	
Minimum	7.1	13	2	11	0.12	0.22	141	
Mean	7.65	38	2	21	0.25	0.29	270	

March		Date 11th April 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.26	86	<2	52	0.98	0.41	345	
Minimum	7.34	<7	<2	6	0.1	0.13	156	
Mean	7.99	29	<2	21	0.66	0.28	219	

April		Date 12th May 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.26	95	<2	42	0.33	0.53	400	
Minimum	6.51	8	<2	16	0.06	0.15	91	
Mean	7.94	34	<2	23	0.2	0.34	287	

May		Date 14th June 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.28	98	<2	42	0.54	0.23	389	
Minimum	6.68	17	<2	11	0.05	0.13	58	
Mean	7.51	32	<2	19	0.19	0.18	226	

June		Date 8th July 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.46	71	<2	34	0.47	0.38	400	
Minimum	6.67	10	<2	11	<0.05	<0.03	95	
Mean	7.67	26	<2	18	0.11	0.18	310	

July		Date 16th August 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.11	115	<2	31	0.21	0.2	400	
Minimum	6.95	11	<2	10	<0.05	0.12	138	
Mean	7.58	31	<2	19	0.14	0.15	332	

August		Date 15th September 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.06	>120	<2	41	3.45	0.62	400	
Minimum	7.23	16	<2	30	<0.05	0.27	209	
Mean	7.63	36	<2	35	0.69	0.46	319	

September		Date 12th October 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	8.18	>294	2	62	0.23	0.56	400	
Minimum	6.88	16	2	29	<0.05	0.21	207	
Mean	7.79	70.7	2	48	0.13	0.38	366	

October		Date 11th November 2016						
PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily	
Maximum	7.68	>214	4	47	0.87	0.51	400	
Minimum	7.2	19	<2	29	0.14	0.15	31	
Mean	7.44	57	1	34	0.42	0.24	299	

November **Date** 7th December 2016

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.58	>206	<2	54	1.05	0.6	8.82	397
Minimum	7.27	17	<2	28	<0.05	0.11	4.42	233
Mean	7.45	49	<2	42	0.31	0.25	6.17	345

December **Date** 19th January 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.25	>202	2	60	1.41	0.26	7.46	376
Minimum	7.3	17	<2	30	<0.05	0.11	4.63	175
Mean	7.51	53	2	46	0.25	0.16	5.51	263

Jan-17 **Date** 13th February 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.5	74	4	40	1.41	0.41	7.54	390
Minimum	6.99	5	<2	24	0.21	0.21	6.06	153
Mean	7.73	24	2.7	31	0.75	0.32	7.03	289

Feb-17 **Date** 10th March 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.24	45	2	49	0.63	2.13	7.35	325
Minimum	7.88	11	<2	34	0.05	0.2	3.5	25
Mean	8.09	22	<2	40	0.35	0.65	5.2	230

Mar-17 **Date** 6th March 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.23	47	2	48	0.13	1.52	0.4	395
Minimum	6.7	7	<2	21	0.04	0.35	4.2	156
Mean	7.4	20	<2	34	0.11	0.79	5	275

Apr-17 **Date** 8th May 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.5	>122	8	52	5.31	1.3	8.51	360
Minimum	6.8	18	1.9	12	0.06	0.42	2.95	117
Mean	7.57	38	4	30	2.07	1	6.64	258

May-17 **Date** 9th June 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.4	154	1.9	19	0.87	2.13	11.7	359
Minimum	6.9	22	1.9	17	0.04	0.72	6.13	141
Mean	7.4	43	1.9	18	0.44	1.45	8.05	256

Jun-17 **Date** 9th July 2017

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.7	93	5	60	0.12	2.52	11.3	288
Minimum	6.8	10	1.9	9	0.04	0.69	6.08	163
Mean	7.1	27.4	2.6	32.25	0.08	9	8.15	244.2

Jul-17 **Date**

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.8	127	4	37	13	0.79	21	319
Minimum	6.8	8	1.9	12	0.04	0.14	1.7	154
Mean	7.07	29	2.45	21.5	3.3	0.36	7.29	236

Aug-17 **Date**

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.4	136	2	30	0.45	0.42	12.2	374
Minimum	6.5	7	1.9	11	0.04	0.13	2.65	157
Mean	6.9	31	1.9	16.8	0.49	0.25	6.2	261

Sep-17 **Date** 17-Oct

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.72	204	4	160	10.9	3.59	26.9	327
Minimum	6.9	12	1.9	10	1.06	0.36	5.58	95
Mean	7.26	51.63	2.43	86.25	5.72	1.91	16.35	212

Oct-17 Date 20-Dec

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.77	6	1.9	15	20.2	1	23.9	331
Minimum	7.18	120	1.9	36	6.63	0.09	9.63	73
Mean	7.45	15.35	1.9	23.25	15.18	0.58	18.98	243

Nov-17 Date 20-Dec

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.71	101	6	64	21.7	2.46	30.4	391
Minimum	7	6	1.9	9	0.99	0.58	5.09	175
Mean	7.35	22.3	2.9	25.2	8.12	1.13	15.54	280

Dec-17 Date 20-Feb-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.62	86	1.9	44	5.82	3.01	11.4	364
Minimum	7.07	6.9	1.9	7	2.60	0.22	6.05	20
Mean	7.29	25.7	1.9	25	3.70	0.75	8.04	213

Jan-18 Date 20-Feb-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.82	193	3	82	2.86	2.45	11.4	340
Minimum	7.22	6.9	1.9	7	1.42	0.18	3.28	55
Mean	7.57	38	2.12	29	2.14	0.878	6.59	222

Feb-18 Date 12-Mar-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.83	51	2.0	14	2.47	0.66	4.56	390
Minimum	7.02	6.9	1.9	6	0.15	0.17	1.66	0
Mean	7.46	12.57	1.9	9	1.47	0.44	3.28	219

Mar-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.95	28	1.9	46	1.85	0.77	6.25	397
Minimum	6.87	6.9	1.9	8	0.66	0.32	2.63	95
Mean	7.45	10.44	1.9	19	1.23	0.46	3.65	235

Apr-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.81	47	1.9	18	3.37	1.5	6.72	332
Minimum	6.88	4	1.9	9	1.50	0.48	5.30	31
Mean	7.48	10.93	1.9	13	2.42	1.02	5.96	206

May-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.85	103	2	38	9.47	1.55	15.9	347
Minimum	6.56	9	1.9	12	3.13	0.33	6.33	115
Mean	7.08	41.6	1.9	22	5.31	0.83	9.37	218

Jun-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.71	80	1.9	22	3.26	0.69	6.39	372
Minimum	6.29	6.9	1.9	11	0.20	0.20	1.66	44
Mean	7.16	33	1.9	10	1.79	0.35	4.36	234

Jul-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.58	174	1.9	123	4.63	3.12	14.4	398
Minimum	6.29	6.9	1.9	17	1.44	0.09	3.06	105
Mean	7.14	47	1.9	46	3.21	0.76	7.35	246

Aug-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.65	41	1.9	13	0.79	0.16	3.02	346
Minimum	7.00	6.9	1.9	6.0	0.37	0.06	1.74	166
Mean	7.25	13	1.9	10	0.50	0.12	2.33	264

Sep-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.63	34	1.9	19	0.53	0.22	3.62	397
Minimum	7.00	6.9	1.9	8	0.04	0.12	1.58	98
Mean	7.35	12	1.9	12	0.26	0.15	2.31	273

Oct-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.61	23	3.0	16	0.43	0.20	3.01	423
Minimum	6.89	6.9	1.9	10	0.04	0.09	1.15	161
Mean	7.27	10	2.12	14	0.134	0.14	2.08	270

Nov-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.56	58	1.9	16	2.44	0.18	5.37	399
Minimum	6.9	6.0	1.9	11	0.049	0.10	1.14	99
Mean	7.31	11.36	1.9	13.5	0.659	0.14	3.35	278

Dec-18

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.68	398	11	280	4.09	4.92	39	391
Minimum	6.61	8	1.9	18	0.04	0.21	3.32	94
Mean	7.05	200	6.72	157	1.05	2.66	18.9	256

Jan-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.97	191	4	144	3.28	2.56	21.8	345
Minimum	6.82	7.0	1.9	9	0.02	0.17	2.38	101
Mean	7.26	39	2.7	54	1.34	0.80	8.58	236

Feb-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.75	147	2	21	1.9	0.78	4.29	347
Minimum	6.65	6.9	1.9	5	0.40	0.10	1.74	89
Mean	7.27	32	1.98	16.2	1.12	0.40	3.16	239

Mar-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.89	103	1.9	12	6.28	0.37	9.88	356
Minimum	7.17	6.9	1.9	7.0	0.16	0.18	1.72	122.6
Mean	7.49	23	1.9	10	1.82	0.25	4.30	256

Apr-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.68	94	1.9	24	4.87	0.99	8.01	392
Minimum	7.18	6.0	1.9	10	0.37	0.18	2.58	122
Mean	7.35	31	1.9	14.4	2.05	0.496	5.29	245

May-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.94	205	1.9	26	2.39	0.70	7.86	341
Minimum	7.1	6.9	1.9	17	0.56	0.20	2.08	117
Mean	7.44	28.9	1.9	21.5	1.05	0.39	4.44	240

Jun-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.59	889	1.9	11	0.62	0.33	2.72	385
Minimum	6.75	6.9	1.9	1.9	0.50	0.10	1.81	131
Mean	7.35	62	1.9	8.2	0.55	0.185	2.3	251

Jul-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.71	221	10	108	1.08	1.63	10.7	337
Minimum	7.03	9.0	1.9	11	0.15	0.83	2.49	137

Mean	7.49	50.17	4.76	49.8	0.722	1.196	5.64	244
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Aug-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.77	106	2.0	88	5.99	1.74	14.6	469
Minimum	6.15	6.9	1.9	22	0.07	0.85	4.21	114
Mean	7.5	32	1.9	53.2	1.83	1.19	8.17	285

Sep-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.78	128	4.0	106	5.07	2.13	13.9	399
Minimum	6.02	6.9	1.9	15	0.40	0.05	2.96	124
Mean	7.07	44	2.34	47	2.53	0.72	7.33	289

Oct-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.7	92	4.0	41	3.68	0.28	7.39	478
Minimum	6.23	6.9	1.9	10	0.47	0.13	4.16	177
Mean	6.97	24	2.45	25	1.45	0.20	5.29	308

Nov-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.21	130	1.9	32	13.9	0.48	17.1	362
Minimum	6.17	6.9	1.9	19	0.46	0.07	2.07	0
Mean	7.21	26	1.9	27	5.46	0.2	8.92	233

Dec-19

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.26	51.0	3.00	57	8.86	0.44	12.9	344
Minimum	6.11	6.90	1.90	7	0.05	0.05	1.82	1
Mean	6.67	13.26	2.34	22.6	3.22	0.14	6.28	152

Jan-20

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	7.52	36	1.9	17	4.98	0.07	6.72	345
Minimum	6.2	6.9	1.9	7	0.23	0.04	1.74	0
Mean	6.64	12.68	1.9	13.25	2.06	0.055	4.03	125

Feb-20

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.39	33	3	36	24.8	0.9	34.6	592
Minimum	6.06	8	1.9	24	0.42	0.04	5.21	59
Mean	7.27	15	2.17	27.5	12.53	0.292	18.75	254

Mar-20

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.76	49	1.9	26	7.51	1.08	12.5	412
Minimum	7	6.9	1.9	6	0.48	0.24	2.67	85
Mean	7.87	22	1.9	14	2.756	0.472	5.23	235

Apr-20

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.11	65	1.9	36	3.87	0.27	5.8	376
Minimum	6.17	6.0	1.9	7	1.15	0.15	3.31	97
Mean	7.44	20	1.9	17.5	2.97	0.207	5.04	217

May-20

	PH	Biochem Oxygen Demand	Oil & Grease	Total Suspended Solids	Ammonia Nitrogen	Total Phosphorus	Total Nitrogen	Discharge Volume Kilolitres Daily
Maximum	8.35	81	1.9	36	2.41	0.34	4.88	514

