

WWTP Effluent Monitoring
31/03/2012 to 25/05/2020



Treatment Plant: Banora Point

EPA Licence Number: 1411

License Year: 01 December to 30 November

Monitoring Point: BPWWTP/Effluent		EPA Point: Point 1						
Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
4/04/2012	1.7	<2.0	7.4	1.2	80	5.79	1.01	20/04/2012 29/06/2012
11/04/2012	1.8	<2.0	7.6	1.0	170	4.68	0.67	24/04/2012 29/06/2012
18/04/2012	1.4	2	7.3	1.6	730	4.02	0.68	2/05/2012 29/06/2012
26/04/2012	1.7	<2.0	7.3	1.2	180	3.75	0.37	11/05/2012 29/06/2012
2/05/2012	1.7	<2.0	7.1	1.5	160	3.4	0.25	16/05/2012 29/06/2012
9/05/2012					5900			15/05/2012 29/06/2012
10/05/2012	3.2	<2.0	7.3	3.8		10.7	2.57	23/05/2012 29/06/2012
16/05/2012	1.2	<2.0	7.4	<1.0	70	4.07	0.29	25/05/2012 29/06/2012
23/05/2012	1.6	<2.0	7.3	<1.0	180	4.34	0.24	1/06/2012 29/06/2012
30/05/2012	1.2	<2.0	7.3	1.4	330	5.71	0.93	7/06/2012 29/06/2012
6/06/2012	2.3	3	7.2	3.0	330	5.13	0.82	14/06/2012 29/06/2012
13/06/2012	1.3	<2.0	7.2	<1.0	930	5.42	1.21	26/06/2012 29/06/2012
20/06/2012	1.3	<2.0	7.2	<1.0	360	6.76	1.06	5/07/2012 18/07/2012
27/06/2012	1.2	<2.0	7.4	1.6	200	6.70	0.78	11/07/2012 18/07/2012
4/07/2012	<1.0	5	7.2	<1.0	110	7.32	1.36	14/07/2012 18/07/2012
11/07/2012	1.2	3	7.3	1.8	100	3.89	0.74	27/07/2012 9/08/2012
19/07/2012	2.0	<2.0	7.3	3.2	1440	8.52	3.41	1/08/2012 9/08/2012
25/07/2012	2.8	2	7.5	1.7	1680	16.0	3.13	1/08/2012 9/08/2012
1/08/2012	2.0	<2.0	7.4	<1.0	90	14.8	0.34	8/08/2012 9/08/2012
8/08/2012	2.6	2	7.3	3.2	65	2.66	0.33	17/08/2012 29/08/2012
15/08/2012	2.2	<2.0	7.4	1.2	80	5.09	0.44	29/08/2012 12/09/2012
22/08/2012	1.7	<2.0	7.4	4.0	120	2.54	0.48	5/09/2012 12/09/2012
29/08/2012	1.7	<2.0	7.4	1.2	180	2.13	0.64	11/09/2012 12/09/2012
5/09/2012	1.9	<2.0	7.4	5.3	100	2.57	0.51	18/09/2012 19/09/2012

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Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
12/09/2012	1.8	<2.0	7.3	2.8	90	1.99	0.59	26/09/2012 30/09/2012
19/09/2012	2.0	3	7.4	1.4	20	2.44	0.53	28/09/2012 30/09/2012
26/09/2012	1.9	<2.0	7.5	12	160	2.08	0.42	9/10/2012 10/10/2012
3/10/2012	1.7	<2.0	7.6	2.8	210	1.92	0.32	10/10/2012 14/10/2012
10/10/2012	1.4	<2.0	7.5	2.0	120	11.86	1.05	16/10/2012 17/10/2012
17/10/2012	2	<2.0	7.5	2.4	30	2.52	0.42	24/10/2012 28/10/2012
24/10/2012	1.4	3	7.7	4.2	230	2.04	1.43	7/11/2012 8/11/2012
31/10/2012	2.3	<2.0	7.7	5.3	460	4.18	0.83	9/11/2012 12/11/2012
7/11/2012	1.7	<2.0	7.9	8.5	560	2.04	1.17	21/11/2012 22/11/2012
14/11/2012	3.5	<2.0	8.6	24	270	2.46	2.67	22/11/2012 26/11/2012
21/11/2012	5.0	<2.0	8.5	24	720	2.88	2.41	28/12/2012 31/12/2012
28/11/2012	5.4	<2.0	9.0	25	320	3.47	2.34	10/12/2012 11/12/2012
5/12/2012	2.9	<2.0	7.9	7.2	270	3.66	3.95	18/12/2012 19/12/2012
12/12/2012	2.1	<2.0	7.9	5.8	140	3.07	4.33	24/12/2012 25/12/2012
20/12/2012	2.0	2	7.9	3.6	140	1.17	0.34	7/01/2013 8/01/2013
27/12/2012	2.3	2	8.1	7.2	80	1.92	0.24	7/01/2013 8/01/2013
2/01/2013	2.8	<2.0	8.7	7.7	110	2.13	0.34	15/01/2013 16/01/2013
9/01/2013	2.9	<2.0	8.3	6.2	490	3.09	0.41	17/01/2013 21/01/2013
16/01/2013	2.5	<2.0	7.7	3.8	<2	2.31	0.75	30/01/2013 31/01/2013
23/01/2013	2.8	<2.0	8.1	5.4	152	1.64	0.76	31/01/2013 4/02/2013
30/01/2013	1.1	<2.0	7.3	2.8	14	1.50	0.96	7/02/2013 11/02/2013
7/02/2013	3.0	<2.0	8.2	4.0	46	1.78	0.18	18/02/2013 19/02/2013
13/02/2013	1.1	3	8.3	6.2	18	1.63	0.30	27/02/2013 28/02/2013
20/02/2013	1.6	<2.0	7.1	4.4	5700	2.23	0.44	1/03/2013 4/03/2013
27/02/2013	1.5	<2.0	7.4	1.7	34	2.42	0.63	8/03/2013 11/03/2013
6/03/2013	<1.0	<2.0	7.4	1.2	86	2.11	0.86	19/03/2013 20/03/2013
13/03/2013	1.0	<2.0	7.8	2.8	44	1.98	0.21	28/03/2013 2/04/2013

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Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/ Published
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	
20/03/2013	1.2	<2.0	7.7	2.2	56	3.22	0.27	3/04/2013 4/04/2013
27/03/2013	2.3	<2.0	7.9	11	124	2.04	0.43	10/04/2013 11/04/2013
3/04/2013	1.6	<2.0	7.9	4.4	348	1.86	0.16	16/04/2013 17/04/2013
10/04/2013	1.4	<2.0	7.8	5.2	270	2.76	0.14	23/04/2013 24/04/2013
17/04/2013	1.8	<2.0	7.9	6.0	60	2.63	0.26	30/04/2013 1/05/2013
24/04/2013	3.6	<2.0	8.3	8.6	110	2.38	0.14	2/05/2013 6/05/2013
1/05/2013	2.4	<2.0	8.5	8.2	210	2.23	0.15	8/05/2013 9/05/2013
8/05/2013	<1.0	3	7.9	2.5	210	2.79	0.13	16/05/2013 20/05/2013
15/05/2013	<1.0	<2.0	7.8	4.8	280	2.25	0.09	28/05/2013 29/05/2013
22/05/2013	1.1	<2.0	7.7	2.5	530	2.81	0.14	3/06/2013 4/06/2013
29/05/2013	<1.0	<2.0	7.9	4.2	290	2.41	0.08	12/06/2013 13/06/2013
5/06/2013	1.2	<2.0	7.9	2.4	380	2.40	0.09	14/06/2013 17/06/2013
13/06/2013	1.1	<2.0	7.5	1.2	1960	2.95	0.35	24/06/2013 25/06/2013
19/06/2013	<1.0	<2.0	7.8	1.4	510	4.45	0.39	2/07/2013 3/07/2013
26/06/2013	1.6	<2.0	7.8	2.0	390	2.95	0.19	9/07/2013 10/07/2013
3/07/2013	1.1	<2.0	7.5	3.5	290	2.18	0.28	17/07/2013 18/07/2013
10/07/2013	<1.0	3	7.7	2.8	370	2.62	0.09	22/07/2013 23/07/2013
18/07/2013	<1.0	<2.0	7.7	1.3	310	2.29	0.11	31/07/2013 1/08/2013
24/07/2013	<1.0	<2.0	7.9	1.2		3.79	0.13	1/08/2013 5/08/2013
1/08/2013	<1.0	<2.0	7.8	2.0	190	2.30	0.09	14/08/2013 15/08/2013
7/08/2013	<1.0	<2.0	7.8	1.0	390	2.82	0.10	14/08/2013 15/08/2013
14/08/2013	<1.0	<2.0	7.7	1.4	110	2.07	0.08	22/08/2013 27/08/2013
21/08/2013	<1.0	<2.0	8.0	2.8	370	1.78	0.09	5/09/2013 9/09/2013
28/08/2013	1.3	<2.0	7.7	2.4	220	1.48	0.07	5/09/2013 9/09/2013
4/09/2013	3.6	<2.0	8.2	10	460	1.60	0.09	12/09/2013 16/09/2013
11/09/2013	3.3	<2.0	8.3	11	350	1.70	0.10	24/09/2013 25/09/2013
18/09/2013	1.2	<2.0	7.6	5.2	520	2.05	0.10	26/09/2013 30/09/2013

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Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
25/09/2013	2.6	<2.0	8.2	9.0	1320	1.67	0.09	9/10/2013 10/10/2013
2/10/2013	4.2	<2.0	8.4	12	2300	1.68	0.10	14/10/2013 15/10/2013
9/10/2013	2.7	<2.0	8.1	9.2	270	1.80	0.09	18/10/2013 21/10/2013
16/10/2013	3.0	<2.0	8.5	12	420	1.70	0.10	30/10/2013 31/10/2013
23/10/2013	2.2	<2.0	8.7	10	180	1.65	0.11	31/10/2013 4/11/2013
30/10/2013	2.2	<2.0	8.3	6.0	520	1.90	0.10	8/11/2013 11/11/2013
6/11/2013	1.4	<2.0	8.2	9.3	20	1.87	0.10	21/11/2013 25/11/2013
13/11/2013	2.8	<2.0	8.6	12	270	1.64	0.11	22/11/2013 25/11/2013
20/11/2013	<1.0	<2.0	7.8	5.2	<10	1.85	0.13	3/12/2013 4/12/2013
27/11/2013	3.4	<2.0	9.2	22	100	1.48	0.10	10/12/2013 11/12/2013
4/12/2013	3.4	<2.0	9.0	34	<10	2.16	0.14	17/12/2013 18/12/2013
11/12/2013	3.6	<2.0	9.1	24	260	1.52	0.10	24/12/2013 25/12/2013
18/12/2013	2.7	<2.0	9.1	21	60	1.62	0.10	2/01/2014 6/01/2014
24/12/2013	4.0	<2.0	8.9	21	10	1.91	0.12	2/01/2014 6/01/2014
31/12/2013	6.0	<2.0	9.1	28	50	1.92	0.14	9/01/2014 13/01/2014
9/01/2014	2.3	<2.0	8.6	13	180	1.83	0.10	22/01/2014 23/01/2014
15/01/2014	3.4	4	9.1	27	90	1.73	0.14	29/01/2014 30/01/2014
22/01/2014	7.8	<2.0	9.2	20	80	1.78	0.13	5/02/2014 6/02/2014
29/01/2014	2.3	<2.0	8.7	13	40	2.44	0.12	6/02/2014 10/02/2014
5/02/2014	5.6	<2.0	9.3	20	10	1.51	0.09	18/02/2014 19/02/2014
12/02/2014	1.1	<2.0	8.0	2.3	110	1.75	0.12	21/02/2014 24/02/2014
19/02/2014	4.8	<2.0	8.8	14	60	1.62	0.38	3/03/2014 4/03/2014
26/02/2014	4.2	2	8.7	18	40	1.81	0.16	6/03/2014 10/03/2014
6/03/2014	4.0	<2.0	9.1	16	60	1.29	0.14	18/03/2014 19/03/2014
12/03/2014	1.6	<2.0	7.9	2.8	20	1.59	0.19	25/03/2014 26/03/2014
19/03/2014	1.6	<2.0	7.8	8.4	10	1.88	0.23	27/03/2014 31/03/2014
26/03/2014	1.1	<2.0	7.9	3.2	30	1.75	0.23	8/04/2014 9/04/2014

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Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/ Published
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	
2/04/2014	1.1	<2.0	8.0	1.6	20	2.20	0.65	10/04/2014 14/04/2014
9/04/2014	1.3	<2	7.9	8.8	20	2.36	0.54	24/04/2014 28/04/2014
16/04/2014	<1	<2	7.9	1.5	10	2.72	0.48	29/04/2014 30/04/2014
23/04/2014	<1.0	<2	7.9	2.0	<10	2.35	0.68	2/05/2014 5/05/2014
30/04/2014	<1.0	<2	7.8	<1.0	70	2.34	0.27	8/05/2014 12/05/2014
7/05/2014	1.7	<2.0	7.7	7.6	<10	3.13	0.59	20/05/2014 21/05/2014
14/05/2014	<1.0	<2	8.1	<1.0	180	2.72	0.11	21/05/2014 22/05/2014
21/05/2014	1.5	<2.0	7.7	1.3	20	2.67	0.33	3/06/2014 4/06/2014
28/05/2014	2.2	<2.0	7.9	1.8	260	2.67	0.32	10/06/2014 11/06/2014
4/06/2014	1.0	<2.0	8.0	2.7	110	2.74	0.39	18/06/2014 19/06/2014
11/06/2014	<1.0	<2.0	7.9	1.0		3.24	0.30	24/06/2014 25/06/2014
12/06/2014					30			17/06/2014 18/06/2014
18/06/2014	<1.0	<2.0	7.8	6.5	9	3.82	0.45	1/07/2014 2/07/2014
25/06/2014	<1.0	<2.0	7.8	<1.0	20	3.54	0.27	9/07/2014 10/07/2014
2/07/2014	1.0	<2.0	8.1	<1.0	50	3.60	0.12	15/07/2014 16/07/2014
9/07/2014	<1.0	<2.0	7.8	<1.0	14	4.23	0.11	17/07/2014 21/07/2014
16/07/2014	<1.0	<2.0	8.0	2.0	46	3.64	0.11	28/07/2014 29/07/2014
23/07/2014	1.2	<2.0	7.7	1.3	60	3.59	0.10	31/07/2014 4/08/2014
30/07/2014	<1.0	<2.0	7.8	1.4	60	3.05	0.10	11/08/2014 12/08/2014
6/08/2014	1.8	<2.0	7.8	1.4		3.68	0.1	18/08/2014 19/08/2014
7/08/2014					20			12/08/2014 13/08/2014
13/08/2014	1.2	<2.0	7.7	2.4	60	4.35	0.12	25/08/2014 26/08/2014
20/08/2014	<1.0	<2.0	7.5	2.0	<10	2.18	0.09	2/09/2014 3/09/2014
27/08/2014	1.0	4	7.7	2.2	90	2.05	0.08	8/09/2014 18/09/2014
3/09/2014	1.6	2	7.5	<1.0	10	2.36	0.09	10/09/2014 18/09/2014
10/09/2014	<1.0	<2.0	7.6	<1.0	70	2.91	0.09	23/09/2014 24/09/2014
17/09/2014					10			24/09/2014 25/09/2014

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Pollutant	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	15 / 35	10	6.5-8.5	20 / 40	10000	10 / 20	5 / 10	Received/
Date	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
18/09/2014	<1.0	<2.0	7.6	<1.0		2.11	0.10	30/09/2014 1/10/2014
24/09/2014	1.1	<2.0	7.5	1.2	41	4.00	0.12	9/10/2014 13/10/2014
1/10/2014	1.0	2	7.8	1.8	20	1.81	0.12	15/10/2014 23/10/2014
8/10/2014	<1.0	6	7.6	<1.0	270	2.03	0.13	15/10/2014 23/10/2014
15/10/2014	1.2	<2.0	8.2	4.6	30	1.66	0.11	28/10/2014 29/10/2014
22/10/2014	1.2	<2.0	7.8	2.8	60	3.26	0.10	4/11/2014 5/11/2014
29/10/2014	6.4	2	8.9	13	30	1.89	0.12	5/11/2014 6/11/2014
5/11/2014	2.0	<2.0	7.9	4.0	100	2.30	0.09	12/11/2014 13/11/2014
12/11/2014	<1.0	4	7.9	1.6	50	1.97	0.10	26/11/2014 27/11/2014
19/11/2014	<1.0	3	8.0	5.0	50	1.82	0.07	3/12/2014 4/12/2014
26/11/2014	1.6	<2.0	8.8	4.4	110	1.57	0.06	10/12/2014 11/12/2014

Monitoring Point: BPWWTP/Effluent EPA Point: Point 1

Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5	10 / 20	5 / 10	6.5-8.5	15 / 30	200 / 600	10 / 20	0.5 / 1	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
3/12/2014	0.12	>79	<2.0	8.1	3.8	140	1.55	0.07	17/12/2014 18/12/2014
10/12/2014	0.13	2.0	2	7.8	3.0	870	2.91	0.24	19/12/2014 22/12/2014
17/12/2014	0.17	<1.0	<2.0	7.6	4.0	320	2.74	1.00	29/12/2014 30/12/2014
23/12/2014	0.13	3.4	<2.0	7.8	7.5	40	1.98	0.24	5/01/2015 6/01/2015
31/12/2014	0.06	1.8	<2.0	7.7	7.8	70	1.52	0.12	15/01/2015 19/01/2015
7/01/2015	0.03	2.4	<2.0	8.4	17	190	1.84	0.15	14/01/2015 15/01/2015
14/01/2015	0.10	1.8	<2.0	7.7	7.2	370	1.48	0.14	27/01/2015 28/01/2015
21/01/2015	0.06	1.8	<2.0	7.7	6.0	620	2.42	0.13	30/01/2015 2/02/2015
28/01/2015	0.06	<1.0	<2.0	7.5	3.1	160	2.64	0.32	12/02/2015 16/02/2015
4/02/2015	0.05	2.4	<2.0	7.8	1.0	430	5.21	0.43	16/02/2015 17/02/2015
11/02/2015	0.04	1.5	<2.0	8.2	4.5	10	3.67	0.25	24/02/2015 25/02/2015
18/02/2015	0.07	<1.0	2	7.6	1.4	60	2.34	0.14	26/02/2015 2/03/2015

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Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5	10 / 20	5 / 10	6.5-8.5	15 / 30	200 / 600	10 / 20	0.5 / 1	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
25/02/2015	0.05	<1.0	<2.0	8.2	1.6	270	2.37	0.31	10/03/2015 11/03/2015
4/03/2015	0.07	<1.0	<2.0	7.8	2.2	110	3.11	0.18	17/03/2015 18/03/2015
11/03/2015	0.08	1.1	<2.0	8.3	2.8	130	2.12	0.21	25/03/2015 26/03/2015
18/03/2015	0.21	<1.0	<2.0	7.7	2.6	360	3.53	0.27	25/03/2015 26/03/2015
25/03/2015	0.14	1.8	<2.0	7.9	2.0	60	1.83	0.15	8/04/2015 13/04/2015
1/04/2015	0.14	<1.0	<2.0	7.5	2.9	910	2.27	0.16	13/04/2015 14/04/2015
8/04/2015	0.12	1.0	<2.0	7.5	<1.0	30	2.02	0.13	21/04/2015 23/04/2015
15/04/2015						20			21/04/2015 23/04/2015
16/04/2015	0.15	<1.0	<2.0	7.5	1.8		2.03	0.14	29/04/2015 30/04/2015
22/04/2015	0.10	<1.0	4	7.5	1.5	80	3.25	0.11	5/05/2015 7/05/2015
29/04/2015	0.16	<1.0	2	7.6	<1.0	40	2.15	0.12	12/05/2015 14/05/2015
6/05/2015	0.04	<1.0	<2.0	7.2	1.3	40	2.30	0.18	15/05/2015 18/05/2015
14/05/2015	0.07	1.7	3	7.4	1.5	30	3.30	0.13	26/05/2015 28/05/2015
20/05/2015	0.08	1.0	<2.0	7.4	<1.0	2	2.19	0.12	2/06/2015 4/06/2015
27/05/2015	0.07	1.0	2	7.5	<1.0	70	2.72	0.11	3/06/2015 4/06/2015
3/06/2015	0.05	<1.0	<2.0	7.6	1.0	370	3.49	0.12	17/06/2015 18/06/2015
10/06/2015	0.04	<1.0	2	7.7	2.0	160	3.33	0.12	24/06/2015 25/06/2015
17/06/2015	0.04	1.1	<2.0	7.4	<1.0	90	3.94	0.14	1/07/2015 6/07/2015
24/06/2015	0.04	<1.0	<2.0	7.7	<1.0	90	2.70	0.11	7/07/2015 8/07/2015
1/07/2015	0.05	<1.0	16	7.5	1.1	60	2.41	0.11	14/07/2015 16/07/2015
8/07/2015	0.03	1.1	<2.0	7.6	<1.0	260	2.18	0.10	21/07/2015 23/07/2015
15/07/2015	0.03	<1.0	<2.0	7.5	1.0	30	2.22	0.09	28/07/2015 30/07/2015
22/07/2015	0.04	<1.0	<2.0	7.6	2.0	170	2.07	0.10	30/07/2015 3/08/2015
29/07/2015	4.68	<1.0	<2	7.4	1.1	40	7.50	0.19	11/08/2015 12/08/2015
5/08/2015	0.05	<1.0	<2	7.6	3.4	90	1.82	0.11	13/08/2015 17/08/2015
12/08/2015	0.05	<1.0	<2	7.5	1.6	80	2.13	0.09	25/08/2015 26/08/2015
19/08/2015	0.05	<1.0	5	7.5	2.1	290	2.21	0.10	31/08/2015 1/09/2015

WWTP Effluent Monitoring

31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
26/08/2015	0.08	<1.0	<2.0	7.4	3.6	53	2.09	0.1	2/09/2015 3/09/2015
2/09/2015	0.07	1.4	<2	7.6	1.3	58	1.88	0.11	9/09/2015 10/09/2015
9/09/2015	0.07	1.2	<2.0	7.5	1.1	135	2.08	0.10	15/09/2015 16/09/2015
16/09/2015	0.06	1.2	<2	7.7	4.2	150	1.82	0.09	30/09/2015 1/10/2015
23/09/2015	<0.02	2.0	6	8.6	1.4	43	2.05	0.09	7/10/2015 8/10/2015
30/09/2015	0.05	1.1	6	7.5	3.4	61	1.96	0.09	8/10/2015 12/10/2015
7/10/2015	0.05	<1.0	<2.0	7.4	1.6	196	1.73	0.08	20/10/2015 21/10/2015
14/10/2015	0.09	<1.0	<2	7.5	2.1	280	2.72	0.15	27/10/2015 28/10/2015
21/10/2015	0.07	1.5	<2	7.7	1.2	530	1.78	0.07	3/11/2015 4/11/2015
28/10/2015	0.06	<1.0	2	7.7	1.8	47	2.66	0.08	11/11/2015 12/11/2015
4/11/2015	0.02	1.2	<5	7.7	1.2	1130	1.91	0.07	18/11/2015 19/11/2015
11/11/2015	0.03	1.5	<5	7.6	2.8	16	1.81	0.07	25/11/2015 26/11/2015
18/11/2015	<0.02	1.6	<5.0	8.9	4.2	<1	1.8	0.06	2/12/2015 3/12/2015
25/11/2015	0.05	<1.0	<2.0	7.7	1.3	510	1.91	0.07	9/12/2015 14/12/2015
2/12/2015	0.05	1.7	<2	7.9	3.2	200	1.83	0.08	11/12/2015 14/12/2015
9/12/2015	0.08	1.5	<2.0	7.7	3.0	39	1.96	0.1	23/12/2015 28/12/2015
16/12/2015	0.12	1.6	<2	7.6	1.2	27	1.82	0.11	4/01/2016 5/01/2016
23/12/2015	0.08	1.4	<2.0	7.6	2.6	106	1.81	0.09	7/01/2016 21/01/2016
30/12/2015	<0.02	<1.0	<2.0	8.6	1.2	8	1.87	0.07	12/01/2016 21/01/2016
6/01/2016	0.15	1.4	<2	7.3	<1.0	44	2.15	0.08	15/01/2016 21/01/2016
13/01/2016	0.05	1.2	<2	7.9	2.8	46	1.89	0.08	2/02/2016 3/02/2016
20/01/2016	0.14	1.6	2	7.4	1.0	36	2.07	0.1	2/02/2016 3/02/2016
27/01/2016	0.15	<1.0	<2	7.6	2	37	2.4	0.13	16/02/2016 17/02/2016
3/02/2016	0.1	<1.0	<2.0	7.3	<1.0	1220	2.02	0.11	17/02/2016 18/02/2016
10/02/2016	0.03	1.2	<2	7.4	1.5	46	1.87	0.09	23/02/2016 25/02/2016
18/02/2016	0.09	<1.0	<2	7.1	<1.0	28	1.98	0.08	23/02/2016 25/02/2016
24/02/2016	0.05	1.0	<2	7.4	<1.0	66	2.03	0.08	8/03/2016 10/03/2016

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Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
2/03/2016	2.06	1.3	2	7.5	1.7	108	4.49	0.19	9/03/2016 10/03/2016
9/03/2016	0.08	<1.0	<2	7.3	4.0	23	2.2	0.11	23/03/2016 24/03/2016
16/03/2016						134			21/03/2016 22/03/2016
17/03/2016	0.12	<1.0	<2	7.4	<1.0		2.2	0.12	24/03/2016 28/03/2016
23/03/2016	0.07	<1.0	<2	7.4	1.0	94	2.14	0.11	12/04/2016 13/04/2016
30/03/2016	0.1	1.2	<2.0	7.5	6.9	980	1.89	0.14	12/04/2016 13/04/2016
6/04/2016	0.08	<1.0	<2	7.4	2.7	370	2.31	0.11	19/04/2016 20/04/2016
13/04/2016	0.04	1.0	<2	7.6	2.6	490	1.87	0.11	26/04/2016 27/04/2016
20/04/2016	0.09	<1.0	<2	7.4	2.6	330	1.85	0.11	3/05/2016 5/05/2016
27/04/2016	0.04	1.0	<2	7.8	2.8	59	1.5	0.09	10/05/2016 11/05/2016
4/05/2016	0.08	<1.0	<2	7.4	1	71	2.05	0.09	18/05/2016 19/05/2016
11/05/2016	0.08	<1.0	<2.0	7.5	<1.0	114	2.01	0.07	24/05/2016 25/05/2016
18/05/2016	0.05	<1.0	3	7.4	<1.0	77	1.97	0.06	31/05/2016 1/06/2016
25/05/2016	0.08	<1.0	2	7.5	1	43	1.97	0.06	7/06/2016 8/06/2016
1/06/2016	0.04	<1.0	<2	7.5	2.0	85	2.14	0.05	7/06/2016 8/06/2016
8/06/2016	0.05	<1.0	<2	7.2	<1.0	74	2.12	0.13	21/06/2016 23/06/2016
15/06/2016	0.04	1.2	2.1	7.4	<1.0	61	2.97	0.09	28/06/2016 11/08/2016
22/06/2016	0.16	<1.0	3.2	7.4	1.5	38	2.46	0.1	28/06/2016 11/08/2016
29/06/2016	0.08	1.0	<2	7.4	<1.0	24	3.09	0.06	12/07/2016 11/08/2016
5/07/2016	0.03	<1.0	<2	7.4	<1.0	43	2.49	0.07	13/07/2016 11/08/2016
13/07/2016	0.03	<1.0	<2	7.4	1.6	51	2.11	0.06	26/07/2016 11/08/2016
20/07/2016	0.04	<1.0	<2.0	7.5	<1.0	91	2.47	0.06	27/07/2016 11/08/2016
27/07/2016	0.04	<1.0	<2.0	7.4	1.0	61	2.77	0.05	11/08/2016 15/08/2016
3/08/2016	0.06	<1.0	<2.0	7.6	<1.0	112	2.47	0.07	11/08/2016 15/08/2016
10/08/2016	0.05	<1.0	<2.0	7.6	<1.0	38	1.62	0.05	24/08/2016 25/08/2016
17/08/2016	0.02	1.2	<2	7.8	3.2	128	2.12	0.07	30/08/2016 31/08/2016
24/08/2016	0.1	<1.0	<2	7.7	<1.0	180	1.94	0.07	7/09/2016 8/09/2016

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Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
31/08/2016	0.09	<1.0	<2	7.6	<1	230	2.33	0.08	6/09/2016 7/09/2016
7/09/2016	0.08	<1.0	<2	7.5	<1.0	27	1.96	0.08	14/09/2016 15/09/2016
14/09/2016	0.06	1.1	<2.0	7.7	1.6	124	1.88	0.08	21/09/2016 22/09/2016
21/09/2016	0.05	<1.0	<2.0	7.5	<1.0	12	2.57	0.06	4/10/2016 5/10/2016
28/09/2016	0.02	1.2	<2.0	7.6	<1.0	80	1.99	0.05	11/10/2016 12/10/2016
5/10/2016	0.05	<1.0	<2.0	7.7	<1.0	140	2.09	0.05	19/10/2016 20/10/2016
12/10/2016	0.05	<1.0	2.8	7.6	<1.0	290	2.03	0.05	19/10/2016 20/10/2016
19/10/2016	0.06	<1.0	2	7.6	1.4	9	2.24	0.05	25/10/2016 26/10/2016
26/10/2016	0.08	<1.0	<2	7.7	2.2	54	2.59	0.06	16/11/2016 17/11/2016
2/11/2016	1.42	<1.0	<2	7.6	1.4	23	3.89	0.12	9/11/2016 10/11/2016
9/11/2016	0.11	1.1	2	7.8	3.0	370	2.19	0.11	16/11/2016 17/11/2016
16/11/2016	0.37	1.6	<2.0	7.7	1.8	15	2.81	0.08	23/11/2016 24/11/2016
23/11/2016	0.04	2.4	<2	7.8	5.2	630	2.6	0.11	5/12/2016 6/12/2016
30/11/2016	0.3	<1.0	2	7.4	3.7	5	2.66	0.16	13/12/2016 14/12/2016
7/12/2016	0.18	1.0	<2.0	7.6	<1.0	64	2.11	0.1	14/12/2016 15/12/2016
14/12/2016	0.39	<1.0	<2.0	7.5	1.9	16	2.56	0.17	21/12/2016 22/12/2016
21/12/2016	0.05	1.6	<2	8.0	4.5	46	2.47	0.1	10/01/2017 11/01/2017
28/12/2016	0.49	1.6	<2	7.5	2.50	3	3.09	0.19	11/01/2017 12/01/2017
4/01/2017	0.25	<1.0	<2	7.5	1.0	15	2.69	0.15	18/01/2017 19/01/2017
11/01/2017	0.42	<1.0	<2.0	7.6	1.6	1	1.68	0.18	24/01/2017 25/01/2017
18/01/2017	0.22	<1.0	<2.0	7.6	1.0	8	2.28	0.14	13/02/2017 14/02/2017
25/01/2017	0.37	<1.0	<2.0	7.9	1.4	19	2.37	0.15	7/02/2017 8/02/2017
1/02/2017	0.21	<1.0	<2.0	7.9	1.0	7	2.22	0.1	8/02/2017 9/02/2017
8/02/2017	0.09	<1.0	<2	7.7	2.0	56	1.86	0.08	21/02/2017 22/02/2017
15/02/2017	0.14	<1.0	<2.0	7.8	<1.0	2	1.87	0.09	22/02/2017 23/02/2017
22/02/2017	0.05	1.0	<2	7.6	<1.0	31	2.33	0.07	7/03/2017 8/03/2017
1/03/2017	0.12	<1.0	<2	7.7	<1.0	20	2.53	0.1	8/03/2017 9/03/2017

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31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
8/03/2017	0.06	<1.0	<2.0	7.7	1.6	71	2.33	0.09	23/03/2017 27/03/2017
15/03/2017	0.11	<1.0	2	7.6	<1.0	52	2.51	0.12	23/03/2017 27/03/2017
22/03/2017	0.08	<1.0	<2	7.4	1.1	120	2.35	0.15	4/04/2017 5/04/2017
29/03/2017	0.1	<1.0	<2.0	7.6	1.0	24	2.22	0.11	6/04/2017 4/05/2017
5/04/2017	0.11	<1.0	<2.0	7.1	2.6	270	2.28	0.15	13/04/2017 4/05/2017
12/04/2017	0.13	1.2	2	7.4	1.0	26	2.24	0.13	26/04/2017 4/05/2017
19/04/2017	0.08	<1.0	<2.0	7.5	<1.0	24	2.31	0.1	2/05/2017 4/05/2017
26/04/2017	0.11	<1.0	<2.0	7.6	<1.0	47	2.37	0.1	3/05/2017 4/05/2017
3/05/2017	0.08	<1.0	<2.0	7.4	<1.0	78	2.46	0.11	18/05/2017 22/05/2017
10/05/2017	0.09	1.0	<2.0	7.6	<1.0	17	2.53	0.1	23/05/2017 25/05/2017
17/05/2017	0.12	<1.0	<2.0	7.6	<1.0	43	2.56	0.11	30/05/2017 31/05/2017
24/05/2017	0.03	1.1	<2.0	7.5	1.6	48	2.6	0.09	30/05/2017 31/05/2017
31/05/2017	0.13	<1.0	2	7.5	<1.0	21	2.49	0.08	8/06/2017 12/06/2017
7/06/2017	0.06	3.6	<2.0	7.6	1.4	89	2.7	0.08	15/06/2017 19/06/2017
14/06/2017	0.1	1.2	<2.0	7.1	1.2	470	2.4	0.11	27/06/2017 29/06/2017
21/06/2017	0.1	<1.0	<2.0	7.5	<1.0	57	2.64	0.09	29/06/2017 3/07/2017
28/06/2017	0.1	<1.0	<2.0	7.4	1.2	45	2.59	0.1	12/07/2017 13/07/2017
5/07/2017	0.06	2.0	3	7.5	1.375	88	2.57	0.09	18/07/2017 19/07/2017
12/07/2017	0.09	<1.0	2.6	7.5	<1.0	53	2.43	0.08	26/07/2017 27/07/2017
19/07/2017	0.06	1.3	<2.0	7.4	3.571	86	2.26	0.09	1/08/2017 2/08/2017
26/07/2017	0.07	1.0	<2.0	7.5	1.2	16	2.36	0.08	3/08/2017 7/08/2017
2/08/2017	0.08	1.0	<2.0	7.5	<1.0	69	2.14	0.09	17/08/2017 21/08/2017
9/08/2017	0.1	<1.0	<2.0	7.5	<1.0	6	2.26	0.08	22/08/2017 23/08/2017
16/08/2017	0.11	1.2	<2.0	7.6	1.4	24	2.28	0.08	29/08/2017 30/08/2017
23/08/2017	0.08	<1.0	<2.0	7.6	<1.0	18	2.42	0.08	5/09/2017 6/09/2017
30/08/2017	0.05	1.0	<2	7.7	<1.0	37	2.27	0.08	7/09/2017 11/09/2017
6/09/2017	0.11	<1.0	<2	7.6	1.625	11	2.39	0.11	14/09/2017 18/09/2017

WWTP Effluent Monitoring

31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5	10 / 20	5 / 10	6.5-8.5	15 / 30	200 / 600	10 / 20	0.5 / 1	Received/ Published
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	
13/09/2017	0.11	1.0	<2.0	7.5	1.6	49	2.3	0.11	20/09/2017 12/10/2017
20/09/2017	0.18	<1.0	<2.0	7.5	1.625	11	2.49	0.12	3/10/2017 12/10/2017
27/09/2017	0.17	<1.0	<2.0	7.5	2.6	35	2.24	0.1	5/10/2017 12/10/2017
4/10/2017	0.23	<1.0	2	7.4	2.5	<1	2.56	0.12	17/10/2017 18/10/2017
11/10/2017	0.18	<1.0	<2.0	7.6	1.0	33	2.1	0.1	25/10/2017 26/10/2017
18/10/2017	0.21	<1.0	<2	7.5	1.6	8	2.66	0.1	2/11/2017 6/11/2017
25/10/2017	0.16	<1.0	<2.0	7.5	2.7	18	1.96	0.1	7/11/2017 8/11/2017
1/11/2017	0.04	1.5	<2.0	8.0	3.8	870	1.68	0.08	14/11/2017 13/12/2017
9/11/2017	12.97	29	4	7.3	17	6900000	15.18	2.47	16/11/2017 25/01/2018
22/11/2017	0.05	1.8	<2.0	7.7	2.6	420	2.19	0.11	30/11/2017 13/12/2017
29/11/2017	0.12	<1.0	<2	7.7	1.0	1010	1.76	0.11	7/12/2017 13/12/2017
6/12/2017	0.12	1.2	<2	7.6	<1.0	85	1.78	0.09	14/12/2017 18/12/2017
13/12/2017	0.11	1.6	<2.0	7.8	2.8	193	1.71	0.11	22/12/2017 25/12/2017
20/12/2017	0.11	1.6	<2.0	7.8	1.8	98	2.3	0.1	28/12/2017 1/01/2018
27/12/2017	0.07	1.0	2.03	8.2	2.6	260	1.91	0.09	9/01/2018 10/01/2018
3/01/2018	0.37	1.6	2.84	7.9	1.2	330	2.42	0.45	16/01/2018 17/01/2018
10/01/2018	0.02	<1.0	<2.0	8.1	1.4	154	2.07	0.08	25/01/2018 29/01/2018
17/01/2018	0.16	1.2	<2.0	8.0	1	<1	2.36	0.11	25/01/2018 29/01/2018
24/01/2018	0.12	<1.0	<2	7.9	<1.0	11	2.26	0.09	6/02/2018 7/02/2018
31/01/2018	0.31	<1.0	<2.0	7.6	1.6	5	2.61	0.15	6/02/2018 7/02/2018
7/02/2018	0.07	<1.0	<2.0	7.8	<1.0	47	2.54	0.1	20/02/2018 21/02/2018
14/02/2018	0.04	1.3	<2.0	7.8	1.8	84	2.8	0.11	22/02/2018 26/02/2018
21/02/2018	0.02	2.0	<2	8.4	4.3	104	1.99	0.1	6/03/2018 7/03/2018
28/02/2018	0.05	<1.0	3	7.6	1.8	35	1.98	0.08	6/03/2018 7/03/2018
7/03/2018	0.08	<1.0	3	7.8	2.7	76	2.07	0.09	13/03/2018 14/03/2018
14/03/2018	0.1	1.8	<2.0	7.6	2.8	35	2.11	0.1	22/03/2018 26/03/2018
21/03/2018	<0.02	1.4	<2.0	7.8	3.2	42	2.12	0.1	4/04/2018 5/04/2018

WWTP Effluent Monitoring

31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5	10 / 20	5 / 10	6.5-8.5	15 / 30	200 / 600	10 / 20	0.5 / 1	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	Published
28/03/2018	0.12	<1.0	<2.0	7.6	1.8	78	2.72	0.18	5/04/2018 9/04/2018
4/04/2018	<0.02	1.2	<2.0	7.9	2.8	88	2.13	0.07	12/04/2018 16/04/2018
11/04/2018	0.07	<1.0	<2.0	7.7	1.6	61	2.21	0.08	18/04/2018 19/04/2018
19/04/2018	0.03	<1.0	<2.0	8.0	1.4	70	1.83	0.07	1/05/2018 2/05/2018
26/04/2018	0.04	<1.0	<2.0	7.7	<1.0	116	2.13	0.06	8/05/2018 9/05/2018
2/05/2018	0.04	<1.0	<2.0	7.8	<1.0	32	2.09	0.07	10/05/2018 14/05/2018
10/05/2018	0.04	<1.0	<2.0	7.6	<1.0	56	2.07	0.07	16/05/2018 17/05/2018
15/05/2018						89			18/05/2018 21/05/2018
16/05/2018	0.03	<1.0	<2.0	7.8	1.25		2.25	0.08	24/05/2018 28/05/2018
24/05/2018	0.06	1.4	2	7.7	1.0	73	2.29	0.07	5/06/2018 6/06/2018
30/05/2018	0.06	<1.0	<2.0	7.7	1	71	2.54	0.07	14/06/2018 18/06/2018
6/06/2018	0.03	<1.0	<2.0	8.0	1	73	2.46	0.07	14/06/2018 18/06/2018
13/06/2018	0.05	<1.0	<2.0	7.7	1	380	2.68	0.07	26/06/2018 27/06/2018
20/06/2018	0.02	<1.0	<2.0	8.0	1.2	44	3.05	0.08	28/06/2018 2/07/2018
27/06/2018	0.03	<1.0	2.7	7.7	<1.0	56	2.63	0.06	24/07/2018 25/07/2018
4/07/2018	0.04	2.2	<2.0	7.9	1.4	81	2.23	0.07	12/07/2018 16/07/2018
11/07/2018	0.02	<1.0	<2.0	7.7	1.8	320	2.13	0.05	24/07/2018 25/07/2018
18/07/2018	0.02	1.0	<2.0	7.6	<1.0	130	2.03	0.05	26/07/2018 30/07/2018
25/07/2018	0.02	<1.0	<2.0	7.6	1.4	630	2.16	0.06	7/08/2018 8/08/2018
2/08/2018	0.04	<1.0	4	7.8	<1.0	240	2.36	0.06	14/08/2018 15/08/2018
8/08/2018	0.06	<1.0	<2.0	7.7	<1.0	180	2.3	0.06	28/08/2018 29/08/2018
15/08/2018	0.04	4.6	<2.0	7.9	6.8	350	2.41	0.09	28/08/2018 29/08/2018
22/08/2018	0.06	1.2	<2.0	7.7	1	101	2.41	0.07	10/09/2018 11/09/2018
29/08/2018	0.06	<1.0	<2.0	7.7	<1.0	51	4.95	0.05	11/09/2018 12/09/2018
5/09/2018	0.05	<1.0	<2.0	7.6	<1.0	39	2	0.06	18/09/2018 19/09/2018
12/09/2018	0.06	1.0	<2.0	8.1	1.1	58	1.65	0.06	25/09/2018 26/09/2018
19/09/2018	0.05	<1.0	<2.0	7.7	<1.0	56	1.78	0.05	3/10/2018 4/10/2018

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31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
26/09/2018	0.06	<1.0	<2.0	7.8	<1.0	44	1.92	0.05	4/10/2018 8/10/2018
3/10/2018	0.02	1.4	<2.0	8.9	<1.0	8	1.92	0.07	16/10/2018 17/10/2018
10/10/2018	0.16	1.4	2.6	7.9	1.6	88	1.59	0.09	17/10/2018 18/10/2018
17/10/2018	0.07	1.4	<2.0	7.6	<1.0		1.8	0.06	31/10/2018 1/11/2018
18/10/2018						46			20/10/2018 22/10/2018
24/10/2018	0.06	1.0	<2.0	7.6	1.4	172	1.84	0.07	1/11/2018 5/11/2018
31/10/2018	0.04	1.0	<2.0	9.0	5.6	92	2.27	0.09	14/11/2018 15/11/2018
7/11/2018	0.1	2.8	<2.0	8.1	12	158	2.24	0.11	15/11/2018 19/11/2018
14/11/2018	0.05	1.8	<2.0	8.6	<1.0	49	1.93	0.09	28/11/2018 29/11/2018
21/11/2018	0.11	2.4	<2.0	7.8	7.0	164	2.14	0.12	28/11/2018 29/11/2018
28/11/2018	<0.02	3.6	<2.0	8.8	6	151	2.15	0.11	12/12/2018 13/12/2018
5/12/2018	0.16	<1.0	<2.0	7.9	9.2	90	1.91	0.11	19/12/2018 20/12/2018
12/12/2018	0.05	1.8	<2.0	8.1	6	32	1.72	0.08	21/12/2018 24/12/2018
19/12/2018	0.16	<1.0	<2.0	7.6	2	55	2.03	0.09	31/12/2018 1/01/2019
27/12/2018	<0.02	5.1	<2.0	8.6	6.7	36	2	0.1	15/01/2019 16/01/2019
2/01/2019	0.11	1.4	<2.0	7.8	3.2	120	2.57	0.11	15/01/2019 16/01/2019
9/01/2019	0.11	1.8	<2.0	7.9	1.6	41	2.52	0.11	22/01/2019 23/01/2019
16/01/2019	0.06	1.2	<2.0	7.9	2.2	33	2.58	0.1	22/01/2019 23/01/2019
23/01/2019	0.02	1.6	<2.0	8.5	4.2	44	2.51	0.1	5/02/2019 6/02/2019
30/01/2019	<0.02	1.8	3.62	8.42	6.6	71	2.31	0.1	5/02/2019 6/02/2019
6/02/2019	0.03	1.4	<2.0	8.2	3.4	36	2.59	0.1	19/02/2019 20/02/2019
13/02/2019	0.06	1.4	2.8	8.0	1.8	58	2.26	0.1	21/02/2019 25/02/2019
20/02/2019	0.07	1.8	<2.0	8.0	2.2	51	2.01	0.11	6/03/2019 7/03/2019
27/02/2019	0.07	<1.0	<2.0	7.8	1.8	61	2.64	0.11	7/03/2019 11/03/2019
6/03/2019	0.09	1.0	<2.0	7.8	<1.0	71	1.97	0.08	19/03/2019 20/03/2019
13/03/2019	0.04	<1.0	<2.0	8.5	3	81	1.66	0.08	19/03/2019 20/03/2019
20/03/2019	0.11	<1.0	3	7.5	1.2	73	1.53	0.07	2/04/2019 3/04/2019

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31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	Received/ Published
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
27/03/2019	0.08	<1.0	2	7.6	1.8	86	1.78	0.08	2/04/2019 3/04/2019
3/04/2019	0.06	<1.0	<2.0	7.5	2.1	42	1.89	0.07	11/04/2019 15/04/2019
10/04/2019	<0.02	1.6	<2.0	8.3	4.8	43	1.45	0.07	23/04/2019 24/04/2019
17/04/2019	0.07	<1.0	<2.0	7.6	1	37	1.88	0.07	1/05/2019 2/05/2019
24/04/2019	0.02	1.0	<2.0	7.9	2.2	41	1.46	0.06	2/05/2019 6/05/2019
1/05/2019	0.04	1.0	<2.0	7.6	1.4	105	1.7	0.07	9/05/2019 13/05/2019
8/05/2019	0.04	<1.0	4.25	7.7	2	20	1.57	0.05	15/05/2019 16/05/2019
15/05/2019	0.04	1.0	<2.0	7.7	<1.0	160	1.74	0.04	27/05/2019 28/05/2019
22/05/2019	0.05	<1.0	<2.0	7.6	<1.0	56	1.58	0.05	30/05/2019 3/06/2019
29/05/2019	0.03	<1.0	<2.0	7.7	1	31	2.26	0.06	12/06/2019 13/06/2019
5/06/2019	0.03	<1.0	<2.0	7.8	<1.0	19	2.21	0.06	12/06/2019 13/06/2019
12/06/2019	0.04	<1.0	<2.0	7.8	<1.0	73	1.92	0.07	25/06/2019 26/06/2019
20/06/2019	0.03	1.4	<2.0	8.1	<1.0	22	1.88	0.05	2/07/2019 3/07/2019
26/06/2019	0.09	1.2	<2.0	7.5	1	123	2.07	0.06	10/07/2019 11/07/2019
3/07/2019	0.04	<1.0	<2.0	7.6	<1.0	30	1.67	0.05	10/07/2019 11/07/2019
10/07/2019	0.03	<1.0	<2	7.7	1.2	<1	1.86	0.05	29/07/2019 30/07/2019
17/07/2019	0.04	<1.0	<2	7.6	<1.0	33	2.22	0.05	25/07/2019 29/07/2019
25/07/2019	0.11	<1.0	<2.0	7.9	<1.0	30	2.25	0.05	6/08/2019 7/08/2019
31/07/2019	0.05	<1.0	<2.0	7.6	<1.0	35	1.99	0.05	6/08/2019 7/08/2019
7/08/2019	0.05	1.0	<2.0	8.0	2.9	153	2.06	0.06	14/08/2019 15/08/2019
14/08/2019	0.13	<1.0	3	7.6	<1.0	158	2.72	0.06	20/08/2019 21/08/2019
21/08/2019	0.04	1.6	<2.0	8.2	<1.0	74	2.00	0.05	28/08/2019 29/08/2019
28/08/2019	0.04	<1.0	<2.0	7.4	1.4	178	2.22	0.06	3/09/2019 4/09/2019
4/09/2019	0.07	<1.0	<2.0	8.4	1	125	1.97	0.04	17/09/2019 18/09/2019
11/09/2019	0.04	<1.0	<2.0	7.6	1	202	2.63	0.06	18/09/2019 19/09/2019
18/09/2019	0.11	1.2	<2.0	7.9	<1.0	168	1.85	0.06	1/10/2019 2/10/2019
25/09/2019	0.08	<1.0	<2.0	7.5	<1.0	320	2.23	0.04	1/10/2019 2/10/2019

WWTP Effluent Monitoring

31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5 (mg/L)	10 / 20 (mg/L)	5 / 10 (mg/L)	6.5-8.5 (pH units)	15 / 30 (mg/L)	200 / 600 (cfu/100ml)	10 / 20 (mg/L)	0.5 / 1 (mg/L)	Received/ Published
2/10/2019	0.12	<1.0	<2.0	7.7	<1.0	152	2.08	0.06	15/10/2019 16/10/2019
9/10/2019	0.05	<1.0	<2.0	7.5	<1.0	235	1.98	0.05	15/10/2019 16/10/2019
16/10/2019	0.04	1.0	<2.0	8.1	1.8	8	1.92	0.04	22/10/2019 23/10/2019
23/10/2019	<0.02	2.2	<2.0	8.2	11	270	2.49	0.1	29/10/2019 30/10/2019
30/10/2019	0.16	2.2	<2.0	7.9	6.6	276	2.45	0.1	7/11/2019 11/11/2019
6/11/2019	0.36	1.4	<2.0	7.2	2.8	610	2.55	0.11	12/11/2019 13/11/2019
13/11/2019	0.16	1.8	<2.0	8.0	4.2	150	2.59	0.11	26/11/2019 27/11/2019
20/11/2019	<0.02	4.0	<2.0	8.6	7.6	390	2.09	0.11	26/11/2019 27/11/2019
27/11/2019	0.19	1.0	<2.0	7.8	5.8	280	1.91	0.08	10/12/2019 11/12/2019
4/12/2019	<0.02	2.0	<2.0	8.7	6.0	320	1.89	0.07	10/12/2019 11/12/2019
11/12/2019	0.06	1.4	<2.0	7.9	6.6	320	2.17	0.08	20/12/2019 23/12/2019
18/12/2019	<0.02	2.7	<2.0	8.8	7.4	168	2.05	0.08	31/12/2019 1/01/2020
24/12/2019	0.07	1.2	<2.0	7.8	1.6	472	2.23	0.07	3/01/2020 6/01/2020
2/01/2020	0.02	1.6	<2.0	9.1	5.6	178	1.95	0.07	13/01/2020 11/02/2020
8/01/2020	0.08	1.8	<2.0	8.1	2.8	490	2.19	0.09	15/01/2020 11/02/2020
15/01/2020	0.03	2.1	<2.0	8.2	4.4	860	2.27	0.08	28/01/2020 11/02/2020
22/01/2020	0.09	1.0	<2.0	7.4	3.4	340	1.96	0.1	4/02/2020 11/02/2020
29/01/2020	<0.02	1.2	4	8.0	4.4	350	2.33	0.1	4/02/2020 11/02/2020
5/02/2020	0.17	<1.0	3	7.7	1.2	240	2.32	0.09	14/02/2020 17/02/2020
12/02/2020	0.16	1.8	<2	7.1	4.6	1530	1.96	0.43	25/02/2020 26/02/2020
19/02/2020	0.08	1.6	<2.0	7.5	<1.0	250	1.77	0.14	3/03/2020 4/03/2020
27/02/2020	<0.02	1.2	<2.0	7.5	1.7	560	2.47	0.15	9/03/2020 10/03/2020
4/03/2020	0.06	1.4	<2	7.6	2.2	270	3.03	0.16	9/03/2020 10/03/2020
11/03/2020	0.1	1.2	<2.0	7.4	1	330	2.72	0.25	24/03/2020 25/03/2020
19/03/2020	0.05	<1.0	<2.0	7.6	<1.0	24	2.74	0.32	31/03/2020 1/04/2020
25/03/2020	0.08	1.2	<2.0	7.6	<1.0	63	3.14	0.15	2/04/2020 6/04/2020
1/04/2020	0.03	<1.0	4	8.0	<1.0	28	2.69	0.11	10/04/2020 15/04/2020

WWTP Effluent Monitoring

31/03/2012 to 25/05/2020



Pollutant	Ammonia	BOD5	Oil & Grease	pH	Suspended Solids	Thermotolerant Coliforms	Total Nitrogen	Total Phosphorus	
Limits*	2 / 5	10 / 20	5 / 10	6.5-8.5	15 / 30	200 / 600	10 / 20	0.5 / 1	Received/ Published
Date	(mg/L)	(mg/L)	(mg/L)	(pH units)	(mg/L)	(cfu/100ml)	(mg/L)	(mg/L)	
8/04/2020	0.05	<1.0	<2.0	7.7	<1.0	48	2.31	0.09	21/04/2020 22/04/2020
15/04/2020	0.04	<1.0	<2.0	8.6	<1.0	37	2.03	0.06	28/04/2020 29/04/2020
22/04/2020	0.05	<1.0	<2.0	7.6	<1.0	43	2.45	0.06	29/04/2020 4/05/2020
29/04/2020	0.13	<1.0	<2.0	7.6	<1.0	22	2.51	0.08	6/05/2020 7/05/2020
6/05/2020	0.07	<1.0	<2.0	7.6	1	49	2.37	0.06	13/05/2020 14/05/2020
13/05/2020						40			15/05/2020 18/05/2020
20/05/2020						170			22/05/2020 25/05/2020

*Notes regarding Licence Limits

A single number denotes a maximum value that should not be exceeded.

Two numbers separated by a slash " / " denote a 90% limit and a maximum limit.

Two numbers separated by a dash " - " denote minimum and maximum limits.

The 90% limit means at least 90% of readings in the twelve month licence period should be below this value, i.e up to 10% of readings can exceed this value and the licence may still be complied with (provided the maximum limit has not also been exceeded). When looking at less than twelve months of data it is possible that more than 10% of readings may exceed the 90% limit while not indicating a failure to comply with licence limits.