

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



**Treatment Plant: Tyalgum**

**EPA Licence Number: 3470**

**License Year: 27 July to 26 July**

Monitoring Point: TyWWTP/Effluent		EPA Point: Point 1			
Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
4/04/2012	14	5	45		20/04/2012 29/06/2012
18/04/2012	6.6	<2.0	31		4/05/2012 29/06/2012
2/05/2012	2.4	3	11		16/05/2012 29/06/2012
16/05/2012	2.7	2	12		26/05/2012 29/06/2012
30/05/2012	1.4	<2.0	4.2		7/06/2012 29/06/2012
13/06/2012	1.4	<2.0	4.7		27/06/2012 29/06/2012
27/06/2012	2.0	<2.0	5.5		11/07/2012 18/07/2012
11/07/2012	1.0	<2.0	2.2		27/07/2012 9/08/2012
25/07/2012	<1.0	<2.0	3.3		8/08/2012 9/08/2012
8/08/2012	1.0	<2.0	3.0		18/08/2012 29/08/2012
22/08/2012	1.1	<2.0	3.0		5/09/2012 12/09/2012
5/09/2012	1.2	<2.0	10.0		18/09/2012 19/09/2012
19/09/2012	1.5	<2.0	3.0		4/10/2012 7/10/2012
3/10/2012	2.0	<2.0	7.0		11/10/2012 14/10/2012
17/10/2012	1.3	<2.0	5.6		25/10/2012 28/10/2012
31/10/2012	4.0	<2.0	20		9/11/2012 12/11/2012
14/11/2012	3.0	<2	14		27/11/2012 28/11/2012
28/11/2012	1.8	<2.0	6.6		11/12/2012 12/12/2012
12/12/2012	1.4	<2.0	5.2		24/12/2012 25/12/2012
27/12/2012	1.8	<2.0	4.4		7/01/2013 8/01/2013
9/01/2013	1.9	<2.0	5.6		23/01/2013 24/01/2013
23/01/2013	2.4	<2.0	7.8		4/02/2013 5/02/2013
6/02/2013	1.8	<2.0	3.3		19/02/2013 20/02/2013
20/02/2013	2.4	<2.0	17		1/03/2013 4/03/2013

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
6/03/2013	2.4	<2.0	13		19/03/2013 20/03/2013
20/03/2013	7.4	<2.0	37		4/04/2013 9/04/2013
3/04/2013	6.8	<2.0	58		17/04/2013 18/04/2013
17/04/2013	9.0	<2.0	31		26/04/2013 29/04/2013
1/05/2013	6.4	<2.0	26		9/05/2013 13/05/2013
15/05/2013	2.0	<2.0	15		28/05/2013 29/05/2013
29/05/2013	14	<2.0	36		12/06/2013 13/06/2013
12/06/2013	1.2	<2.0	11		25/06/2013 26/06/2013
26/06/2013	2.9	<2.0	16		9/07/2013 10/07/2013
10/07/2013	9.8	<2.0	32		24/07/2013 25/07/2013
24/07/2013	3.0	<2.0	22		6/08/2013 7/08/2013
7/08/2013	3.1	<2.0	23		14/08/2013 15/08/2013
21/08/2013	14	<2.0	27		30/08/2013 2/09/2013
4/09/2013	3.6	<2.0	28		17/09/2013 18/09/2013
18/09/2013	3.0	<2.0	22		1/10/2013 2/10/2013
2/10/2013	2.4	<2.0	26		14/10/2013 15/10/2013
17/10/2013	1.6	<2.0	14		30/10/2013 31/10/2013
30/10/2013	3.6	<2.0	16		12/11/2013 13/11/2013
13/11/2013	3.2	<2.0	36		27/11/2013 28/11/2013
27/11/2013	8.8	<2.0	30		11/12/2013 12/12/2013
11/12/2013	4.6	<2.0	30		24/12/2013 25/12/2013
24/12/2013	8.6	<2.0	30		2/01/2014 6/01/2014
8/01/2014	8.8	<2.0	40		20/01/2014 21/01/2014
22/01/2014	9.6	<2.0	27		5/02/2014 6/02/2014
5/02/2014	22	<2.0	59		19/02/2014 20/02/2014
19/02/2014	14	<2.0	72		4/03/2014 5/03/2014
5/03/2014	10	4	55		17/03/2014 18/03/2014

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
19/03/2014	15	<2	60		31/03/2014 1/04/2014
2/04/2014	3.0	3	22		15/04/2014 16/04/2014
15/04/2014	2.4	<2	24		29/04/2014 30/04/2014
30/04/2014	<1.0	<2.0	15		9/05/2014 12/05/2014
14/05/2014	4.6	<2	23		22/05/2014 26/05/2014
27/05/2014	3.4	<2.0	24		4/06/2014 5/06/2014
11/06/2014	3.9	<2.0	38		24/06/2014 25/06/2014
26/06/2014	12	<2.0	51		9/07/2014 10/07/2014
9/07/2014	9.6	<2	47		17/07/2014 21/07/2014
23/07/2014	11	4	52		11/08/2014 12/08/2014
6/08/2014	6.6	2	59		19/08/2014 20/08/2014
20/08/2014	10	<2.0	81		2/09/2014 3/09/2014
3/09/2014	15	<2.0	122		15/09/2014 18/09/2014
17/09/2014	11	5	98		30/09/2014 1/10/2014
1/10/2014	22	5	92		15/10/2014 20/10/2014
15/10/2014	21	4	152		28/10/2014 29/10/2014
29/10/2014	26	9	144		11/11/2014 12/11/2014
12/11/2014	16	3	112		26/11/2014 27/11/2014
26/11/2014	15	3.6	63		10/12/2014 11/12/2014
10/12/2014	10	3	53		19/12/2014 22/12/2014
23/12/2014	11	<2.0	41		6/01/2015 7/01/2015
7/01/2015	9.6	<2.0	33		21/01/2015 22/01/2015
21/01/2015	9.0	<2.0	26		4/02/2015 5/02/2015
4/02/2015	4.5	2	26		18/02/2015 19/02/2015
18/02/2015	6.9	<2.0	30		3/03/2015 4/03/2015
4/03/2015	6.9	<2.0	23		17/03/2015 18/03/2015
18/03/2015	5.4	<2.0	28		27/03/2015 30/03/2015

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
1/04/2015	5.7	<2.0	25		14/04/2015 16/04/2015
15/04/2015	5.7	2	32		29/04/2015 30/04/2015
29/04/2015	5.1	<2.0	38		12/05/2015 14/05/2015
13/05/2015	6.9	2	26		27/05/2015 28/05/2015
27/05/2015	3.6	<2.0	34		10/06/2015 15/06/2015
10/06/2015	3.0	3	34		24/06/2015 25/06/2015
24/06/2015	3.9	<2.0	27		7/07/2015 8/07/2015
8/07/2015	8.4	<2.0	35		21/07/2015 23/07/2015
22/07/2015	3.9	4	18		4/08/2015 6/08/2015
5/08/2015	2.1	<2	16		18/08/2015 19/08/2015
19/08/2015	1.8	<2.0	12		31/08/2015 1/09/2015
2/09/2015	2.7	<2.0	6.0		15/09/2015 16/09/2015
16/09/2015	3.0	<2.0	8.3		30/09/2015 1/10/2015
30/09/2015	3.3	<2.0	20		8/10/2015 12/10/2015
14/10/2015	2.4	<2	16		27/10/2015 28/10/2015
28/10/2015	2.4	5	12		17/11/2015 19/11/2015
11/11/2015	3.4	<5.0	25		25/11/2015 26/11/2015
25/11/2015	5.6	2	26		11/12/2015 14/12/2015
9/12/2015	5.2	3	16		23/12/2015 28/12/2015
23/12/2015	5.0	<2.0	14		12/01/2016 21/01/2016
6/01/2016	5.8	<2	21		15/01/2016 21/01/2016
20/01/2016	6	<2	16		2/02/2016 25/02/2016
3/02/2016	5.4	<2	15		17/02/2016 25/02/2016
17/02/2016	8.1	<2	16		1/03/2016 3/03/2016
2/03/2016	5.1	<2	22		9/03/2016 10/03/2016
16/03/2016	6.6	<2	29		24/03/2016 28/03/2016
30/03/2016	4.4	3	29		15/04/2016 18/04/2016

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
13/04/2016	8.4	<2	39		27/04/2016 5/05/2016
27/04/2016	5.7	<2	33		10/05/2016 11/05/2016
11/05/2016	6.6	<2.0	37		24/05/2016 25/05/2016
25/05/2016	6.9	<2	49		7/06/2016 8/06/2016
8/06/2016	7.8	<2	43		21/06/2016 23/06/2016
22/06/2016	5.4	<2	28		30/06/2016 11/08/2016
6/07/2016	6.3	<2.0	21		19/07/2016 11/08/2016
20/07/2016	1.8	<2.0	5.8		27/07/2016 11/08/2016
3/08/2016	8.1	<2.0	23.0		11/08/2016 15/08/2016
17/08/2016	10.5	4	38		30/08/2016 31/08/2016
31/08/2016	6.2	<2	32		7/09/2016 8/09/2016
14/09/2016	8.4	<2.0	27		21/09/2016 22/09/2016
28/09/2016	9.9	<2.0	47		11/10/2016 12/10/2016
12/10/2016	11	<2	58		19/10/2016 20/10/2016
26/10/2016	13	4	68		2/11/2016 3/11/2016
9/11/2016	14	2	51		16/11/2016 17/11/2016
23/11/2016	11	<2.0	35		5/12/2016 6/12/2016
7/12/2016	8.4	<2.0	22		14/12/2016 15/12/2016
21/12/2016	9.9	<2	23.0		10/01/2017 11/01/2017
4/01/2017	9.6	<2.0	28		18/01/2017 19/01/2017
18/01/2017	9.6	<2.0	24		25/01/2017 26/01/2017
1/02/2017	6.8	<2.0	25.0		8/02/2017 9/02/2017
15/02/2017	6.2	2	22		22/02/2017 23/02/2017
1/03/2017	7.5	<2.0	30		8/03/2017 9/03/2017
15/03/2017	7.5	<2.0	32		23/03/2017 27/03/2017
29/03/2017	8.4	<2.0	25		6/04/2017 4/05/2017
12/04/2017	15.9	<2	32		26/04/2017 4/05/2017

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
26/04/2017	4.4	<2.0	26		3/05/2017 4/05/2017
10/05/2017	9.0	4	35		23/05/2017 25/05/2017
24/05/2017	2.4	<2.0	18.5		30/05/2017 31/05/2017
7/06/2017	7.2	<2.0	39		15/06/2017 19/06/2017
21/06/2017	5.0	2	32		29/06/2017 3/07/2017
5/07/2017	11	<2.0	48		18/07/2017 19/07/2017
19/07/2017	5.1	<2.0	28		1/08/2017 2/08/2017
2/08/2017	1.6	<2.0	12		10/08/2017 14/08/2017
16/08/2017	1.8	<2.0	14		29/08/2017 30/08/2017
30/08/2017	5.4	<2	40		7/09/2017 11/09/2017
13/09/2017	6.9	<2	36		20/09/2017 12/10/2017
27/09/2017	4.8	<2.0	51		5/10/2017 12/10/2017
11/10/2017	<1.0	3	25		25/10/2017 26/10/2017
25/10/2017	4.0	<2.0	20		2/11/2017 6/11/2017
8/11/2017	9.6	<2.0	47		16/11/2017 13/12/2017
22/11/2017	4.5	<2.0	24		5/12/2017 13/12/2017
6/12/2017	6.6	<2.0	46		14/12/2017 18/12/2017
20/12/2017	7.5	<2.0	34		28/12/2017 1/01/2018
3/01/2018	7.5	2.21	27		16/01/2018 17/01/2018
17/01/2018	8.4	2.46	29		25/01/2018 29/01/2018
31/01/2018	9.3	3.4	37		8/02/2018 12/02/2018
14/02/2018	7.2	3.4	34		28/02/2018 1/03/2018
28/02/2018	1.2	<2.0	30		6/03/2018 7/03/2018
14/03/2018	12.6	<2.0	32		22/03/2018 26/03/2018
28/03/2018	10.6	<2.0	24		5/04/2018 9/04/2018
11/04/2018	8.7	<2.0	29		18/04/2018 19/04/2018
26/04/2018	10.8	<2.0	22		8/05/2018 9/05/2018

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
9/05/2018	4.5	<2.0	29		16/05/2018 17/05/2018
23/05/2018	7.8	3	40		29/05/2018 30/05/2018
6/06/2018	1.8	<2.0	7.4		14/06/2018 18/06/2018
20/06/2018	1.4	<2.0	6.3		28/06/2018 5/07/2018
4/07/2018	3.2	<2.0	9.3		12/07/2018 1/08/2018
18/07/2018	2.0	<2.0	7.6		26/07/2018 1/08/2018
1/08/2018	2.0	<2.0	6.3		14/08/2018 15/08/2018
15/08/2018	2.4	3.5	13		28/08/2018 29/08/2018
29/08/2018	2.1	<2.0	8.8		11/09/2018 12/09/2018
12/09/2018	2.4	<2.0	11		26/09/2018 27/09/2018
26/09/2018	2.7	<2.0	20.5		4/10/2018 8/10/2018
10/10/2018	3.6	2.5	22		18/10/2018 22/10/2018
24/10/2018	2.6	<2.0	13	11.9	1/11/2018 5/11/2018
7/11/2018	3.3	<2.0	11		15/11/2018 19/11/2018
21/11/2018	6.0	<2.0	35		28/11/2018 29/11/2018
5/12/2018	5.7	<2.0	23		19/12/2018 20/12/2018
19/12/2018	21.9	2.2	48		31/12/2018 1/01/2019
2/01/2019	12	<2.0	41		15/01/2019 16/01/2019
16/01/2019	15.6	2.2	56		24/01/2019 28/01/2019
30/01/2019	15.0	2.3	40		5/02/2019 6/02/2019
13/02/2019	10.8	2.3	31		21/02/2019 25/02/2019
27/02/2019	9.6	<2.0	30		7/03/2019 11/03/2019
13/03/2019	11.8	<2.0	24		19/03/2019 20/03/2019
27/03/2019	11.2	3.6	36		9/04/2019 10/04/2019
10/04/2019	12.3	<2.0	49		23/04/2019 24/04/2019
24/04/2019	11.7	<2.0	44		2/05/2019 6/05/2019
8/05/2019	9.3	2.4	42		15/05/2019 16/05/2019

# WWTP Effluent Monitoring

## 31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Published
22/05/2019	16	<2.0	60		30/05/2019 3/06/2019
5/06/2019	21	2	64		12/06/2019 13/06/2019
19/06/2019	6.5	<2.0	40		25/06/2019 26/06/2019
3/07/2019	9.5	<2.0	51		24/07/2019 25/07/2019
17/07/2019	6.0	2	20		25/07/2019 29/07/2019
31/07/2019	5.1	<2.0	5.5		8/08/2019 12/08/2019
14/08/2019	5.8	<2.0	9.0		20/08/2019 21/08/2019
28/08/2019	3.9	<2.0	24		3/09/2019 4/09/2019
11/09/2019	3.6	<2	30		18/09/2019 19/09/2019
25/09/2019	15	<2.0	29		8/10/2019 9/10/2019
9/10/2019	14	<2.0	64		15/10/2019 16/10/2019
23/10/2019	19	<2.0	130		29/10/2019 30/10/2019
6/11/2019	20	<2.0	140		12/11/2019 13/11/2019
20/11/2019	33	8	122		3/12/2019 4/12/2019
4/12/2019	22	<2.0	116		10/12/2019 11/12/2019
18/12/2019	19	5	98		23/12/2019 24/12/2019
2/01/2020	19	2	90		13/01/2020 11/02/2020
15/01/2020	22	4	94		28/01/2020 11/02/2020
29/01/2020	15	4	41		11/02/2020 12/02/2020
12/02/2020	19	3	59		25/02/2020 26/02/2020
25/02/2020					26/03/2020 30/03/2020
26/02/2020	5.7	<2.0	19		5/03/2020 9/03/2020
11/03/2020	8.4	<2.0	32		25/03/2020 26/03/2020
25/03/2020	7.8	<2.0	32		7/04/2020 8/04/2020
8/04/2020	8.1	2	37		21/04/2020 22/04/2020
21/04/2020	9.9	<2.0	39		28/04/2020 29/04/2020
6/05/2020	10	2	44		13/05/2020 14/05/2020



## WWTP Effluent Monitoring

31/03/2012 to 25/05/2020

Pollutant	BOD5	Oil & Grease	Suspended Solids	Suspended Solids Corrected	
Limits*	25 / 40	10	50 / 75	50 / 75	Received/ Published
Date	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
20/05/2020					21/05/2020 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.