

Yass Sewage Treatment Plant Effluent Quality Data since 2012

EPA Sampling Point: 10 (refer site map for Location)			Monitoring Frequency : Monthly								Comment
Date Sampled	Date Results Obtained	Date Results Published	Pollutant								
			Ammonia (as N) mg/L	BOD ₅ mg/L	Faecal Coliform CFU/100mL	pH	Suspended Solids mg/L	Total Oil & Grease mg/L	Total Phosphorus (as P) mg/L	Total Nitrogen (as N) mg/L	
Limit: 2	Limit: 10	Limit: 200	Limit: 6.5-8.5	Limit: 15	Limit: 2	Limit: 0.3	Limit:10				
12.01.12	29.05.12	29.05.12	0.9	3	6	7.5	6	<1	0.23	4.1	
08.02.12	29.05.12	29.05.12	0.6	5	78	7.6	7	<1	0.24	4.1	
07.03.12	29.05.12	29.05.12	0.5	6	9	7.5	15	<1	0.36	6.1	High inflow due to rain
05.04.12	29.05.12	29.05.12	1	10	17	7.6	3	<1	0.12	4.1	
09.05.12	29.05.12	29.05.12	0.5	<2	8	7.7	4	<1	0.14	5.1	
13.06.12	21.06.12	21.06.12	0.6	3	2	7.7	3	<1	0.13	3.6	
12.07.12	19.07.12	19.07.12	0.4	<2	1	7.6	3	<1	0.10	2.7	
15.08.12	23.08.12	23.08.12	0.2	3	1	7.7	6	<1	0.14	3.3	
04.09.12	11.09.12	11.09.12	0.3	4	<1	7.5	7	<1	0.20	3.7	
04.10.12	12.10.12	15.10.12	0.3	2	1	7.5	11	<1	0.14	3.5	
07.11.12	15.11.12	16.11.12	0.7	6	4	7.3	17	<1	0.28	3.7	
11.12.12	18.12.12	18.12.12	0.5	<2	<1	7.8	6	<1	0.08	3.9	
17.01.13	24.01.13	24.01.13	0.6	<2	110	7.7	10	<1	0.18	3.8	
14.02.13	21.02.13	21.02.13	0.4	<2	23	7.8	6	<1	0.08	2.8	
20.03.13	26.03.13	26.03.13	0.3	2	72	7.9	6	<1	0.09	5	
17.04.13	26.04.13	29.04.13	0.3	3	5	7.7	6	<1	0.10	4.6	
15.05.13	22.05.13	22.05.13	0.4	2	6	7.9	7	<1	0.2	4.6	
13.06.13	21.06.13	21.06.13	0.4	<2	2	7.5	8	<1	0.14	4	
11.07.13	17.07.13	17.07.13	0.3	3	<1	7.7	10	<1	0.18	4.3	
07.08.13	14.08.13	14.08.13	0.4	<2	2	7.5	8	<1	0.16	5.6	
11.09.13	18.09.13	18.09.13	0.4	<2	<1	7.6	8	<1	0.06	3.4	
10.10.13	21.10.13	22.10.13	0.4	3	2	7.6	9	<1	0.14	4.7	
13.11.13	22.11.13	25.11.13	0.4	5	61	7.2	11	<1	0.20	3.7	
18.12.13	02.01.14	06.01.14	0.5	3	14	7.56	8	<1	0.18	3.06	
22.01.14	03.02.14	03.02.14	0.5	3	340	7.9	8	<1	0.37	5.04	Some UV lamps defective, High summer temperature
27.02.14	06.03.14	06.03.14	0.3	<2	55	7.84	5	<1	0.11	3.92	
19.03.14	27.03.14	27.03.14	0.5	<2	82	7.77	6	<1	0.07	4.15	
10.04.14	22.04.14	22.04.14	0.4	3	720	7.56	6	<1	0.1	4.37	Dead Turtle in UV Chamber
08.05.14	19.05.14	20.05.14	0.6	<2	620	7.49	7	<1	0.13	4.41	
26.06.14	07.07.14	08.07.14	0.5	<2	3680	7.43	6	<1	0.04	4.54	High Faecal Coliform results being investigated
17.07.14	24.07.14	24.07.14	0.3	<2	<2	7.39	8	<1	0.1	2.81	

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			Ammonia (as N) mg/L	BOD ₅ mg/L	Faecal Coliform CFU/100mL	pH	Suspended Solids mg/L	Total Oil & Grease mg/L	Total Phosphorus (as P) mg/L	Total Nitrogen (as N) mg/L		
			Limit: 2	Limit: 10	Limit: 200	Limit: 6.5-8.5	Limit: 15	Limit: 2	Limit: 0.3	Limit:10		
07.08.14	15.08.14	18.08.14	0.4	<2	4	7.56	12	<1	0.25	4.44		
11.09.14	18.09.14	19.09.14	0.4	4	<1	7.33	12	<1	0.20	2.21		
16.10.14	28.10.14	29.10.14	0.7	3	<1	7.43	6	<1	0.08	2.90		
20.11.14	01.12.14	01.12.14	0.8	2	<2	7.62	6	<1	0.17	5.14		
11.12.14	22.12.14	23.12.14	0.7	<2	13	7.74	83	<1	0.08	3.4		
15.01.15	22.01.15	23.01.15	0.5	<2	10	7.72	5	<1	0.08	3.47		
12.02.15	20.02.15	23.02.15	0.8	<2	<2	7.53	8	<1	0.15	3.72		
12.03.15	24.03.15	24.03.15	0.4	3	68	7.68	9	<1	0.17	3.48		
16.04.15	28.04.15	28.04.15	0.3	<2	<2	7.67	6	<1	0.17	4.69		
14.05.15	26.05.15	26.05.15	0.5	<2	<1	7.98	9	<1	0.18	4.51		
25.06.15	08.07.15	10.07.15	0.9	4	2	7.82	12	<1	0.19	3.44		
16.07.15	24.07.15	27.07.15	0.5	<2	<1	7.54	13	<1	0.21	8.08		
13.08.15	24.08.15	25.08.15	0.6	<2	1	7.54	12	<1	0.22	8.89		
30.09.15	13.10.15	14.10.15	23.8	5	<2	7.86	14	<1	0.27	27.7	Cause of high ammonia and nitrogen being investigated	
15.10.15	23.10.15	26.10.15	1.7	2	<2	7.79	12	<1	0.20	3.46		
11.11.15	18.11.15	20.11.15	0.9	3	<1	7.77	13	<1	0.29	2.83		
02.12.15	08.12.15	09.12.15	0.7	2	3	7.69	8	<1	0.18	3.09		
13.01.16	20.01.16	28.01.16	1.0	2	500	7.89	10	<1	0.29	3.44	Some UV lamps defective, High summer temperature	
25.02.16	07.03.16	07.03.16	0.4	<2	166	8.22	10	<1	0.29	4.12		
17.03.16	29.03.16	30.03.16	0.4	<2	92	7.96	9	<1	0.44	4.30		
27.04.16	05.05.16	06.05.16	0.5	4	4	7.96	14	<1	0.49	5.69		
26.05.16	10.06.16	14.06.16	0.5	<2	<2	7.60	12	<1	0.15	5.21		
22.06.16	06.07.16	06.07.16	2.6	<2	<1	7.08	13	<1	0.13	7.62		
14.07.16	22.07.16	25.07.16	16.6	<2	<1	7.63	13	<1	0.04	18.8	Cause of high ammonia and nitrogen being investigated	
11.08.16	24.08.16	25.08.16	19.8	<2	<1	7.44	12	<1	0.09	23.2		
08.09.16	19.09.16	20.09.16	17.2	2	<1	7.39	21	<1	0.19	19.3	Cause of high ammonia and total nitrogen being investigated and measures implemented to reduce them	
12.10.16	18.10.16	19.10.16	10.6	4	<2	7.43	14	<1	0.15	13.9		
17.11.16	28.11.16	29.11.16	0.7	4	<2	7.81	16	<1	0.24	3.04		
07.12.16	13.12.16	14.12.16	0.7	4	<1	7.51	10	<1	0.17	2.85		
12.01.17	18.01.17	19.01.17	0.5	<2	<1	7.62	11	<1	0.16	3.52		

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			Limit: 2	Limit: 10	Limit: 200	Limit: 6.5-8.5	Limit: 15	Limit: 2	Limit: 0.3	Limit:10		
09.02.17	16.02.17	17.02.17	0.4	3	20	7.63	12	<1	0.10	3.67		
09.03.17	20.03.17	22.03.17	0.6	<2	10	7.80	7	<1	0.08	4.83		
06.04.17	20.04.17	26.04.17	0.6	<2	<2	7.81	11	<1	0.09	3.50		
04.05.17	11.05.17	12.05.17	0.6	<2	<2	7.70	20	<1	0.17	5.00		
19.06.17	27.06.17	28.06.17	0.3	<2	<1	7.77	15	<1	0.10	3.50		
20.07.17	28.07.17	31.07.17	0.8	3	<1	7.68	15	<1	0.16	4.13		
24.08.17	31.08.17	01.09.17	0.2	4	<2	7.76	19	<1	0.20	3.11		
12.09.17	20.09.17	21.07.17	0.7	4	<1	7.66	24	<1	0.23	4.07		
12.10.17	20.10.17	24.10.17	0.9	2	<2	7.85	20	<1	0.29	3.15		
16.11.17	24.11.17	27.10.17	1.2	2	<2	7.85	14	<1	0.12	3.52		
13.12.17	19.12.17	21.12.17	0.5	4	1	7.70	11	<1	0.12	3.62		
10.01.18	22.01.18	23.01.18	0.6	4	<2	7.61	15	<1	0.18	4.47		
08.02.18	19.02.18	20.02.18	0.5	5	<2	7.46	14	<1	0.12	3.23		
08.03.18	21.03.18	22.03.18	0.7	4	<2	7.74	15	<1	0.06	4.56		
12.04.18	21.04.18	01.05.18	0.7	<2	<1	7.52	11	<1	0.14	4.22		
29.05.18	06.06.18	07.06.18	1.0	2	<2	7.71	14	<1	0.33	4.47		
14.06.18	21.06.18	22.06.18	0.4	<2	<2	7.78	13	<1	0.21	5.01		
12.07.18	20.07.18	23.07.18	0.3	<2	<2	7.66	29	<1	0.27	9.8		
06.09.18	23.08.18	27.08.18	0.5	<2	<2	7.50	22	<1	0.24	10.4	Cause of high SS and T-N are being investigated and measures are being implemented.	
06.09.18	14.09.18	17.09.18	0.3	<2	<2	7.74	16	<1	0.15	5.39		
04.10.18	18.10.18	22.10.18	<0.1	<2	2	7.82	15	<1	0.14	4.6		
08.11.18	23.11.18	26.11.18	0.8	<2	5	7.63	18	<1	0.20	7.15		
06.12.18	18.12.18	20.12.18	0.3	<2	<1	7.79	12	<1	0.09	3.43		
03.01.19	16.01.19	17.01.19	0.4	<2	2	7.55	8	<1	0.04	4.09		
07.02.19	20.02.19	21.02.19	0.4	<2	34	7.70	6	<1	0.06	4.35		
28.03.19	12.04.19	12.04.19	0.2	2	<2	7.54	15	<1	1.96	5.68	High T-P is an anomaly and is being investigated	
09.04.19	02.05.19	14.05.19	0.4	<2	82	7.55	19	<1	2.99	5.42	High T-P is an anomaly and is being investigated	