

Date of review: 9/22/2020

Reviewer: DEH

Comment: There have been 52 effluent violations and 9 SSOs within the last 3 years. The City is currently under a CAP for the above issues.

ENFORCEMENT COMPLIANCE REVIEW

NPDES Permit No. AR0020036

City of Melbourne

1. Effluent Violations:

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Limit Value
10/31/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	52.95	13.3
10/31/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	14.3	3.9
10/31/2017	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	14.9	3.9
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, lb/d)	67	34
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (MO AVG, mg/L)	16.6	10
10/31/2017	001-A	BOD, carbonaceous [5 day, 20 C] (7 DA AVG, mg/L)	21.4	15
11/30/2017	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	42.53	35.2
11/30/2017	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	17.8	10.3
03/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	0.1	.011
04/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	910	200
04/30/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	1066	400
05/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	0.26	.011
05/31/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	669	200
05/31/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	730	400
06/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	705	200
06/30/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	765	400
07/31/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	421	200
07/31/2018	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	627	400
08/31/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	33.13	13.3
08/31/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	15.7	3.9
08/31/2018	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	20.8	3.9
08/31/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	1.5	.011

09/30/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	24.5	13.3
09/30/2018	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	<10.4	3.9
09/30/2018	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	20.7	3.9
09/30/2018	001-A	Chlorine, total residual (INST MAX, mg/L)	1.32	.011
09/30/2018	001-A	Coliform, fecal general (30DA GEO, #/100mL)	207	200
02/28/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.91	.011
03/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.59	.011
04/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.38	.011
05/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.02	.011
06/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	1.4	.011
06/30/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	620	400
07/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.27	.011
07/31/2019	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	613	400
08/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	5.3	3.9
08/31/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	8.7	3.9
08/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	4	.011
09/30/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	8.8	3.9
09/30/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	9.3	3.9
09/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.09	.011
10/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)	19.09	13.3
10/31/2019	001-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)	6.4	3.9
10/31/2019	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	8.5	3.9
10/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	3.9	.011
11/30/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.33	.011
12/31/2019	001-A	Chlorine, total residual (INST MAX, mg/L)	0.25	.011
02/29/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.52	.011
04/30/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.63	.011
05/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.5	.011
06/30/2020	001-A	Coliform, fecal general (7 DA GEO, #/100mL)	564	400
07/31/2020	001-A	Chlorine, total residual (INST MAX, mg/L)	0.43	.011

2. How many times in the past 3 years has the Permittee reported No-Discharge? 0

3. How many times in the past 3 years has the Facility reported flow greater than their Design Flow? 24
4. How many times in the past 3 years has the Facility reported No Data Indicator (NODI) codes (other than "C") on their DMRs? 0
5. Has the Facility submitted adequate Non-Compliance Reports for all effluent violations?
Yes

Did the Facility correct the problem? Ongoing
6. Is the Facility on the Significant Non Compliance Reduction List? Yes
7. Did we take any action to resolve the above violations? Yes; CAP requested
8. A CAP was requested on September 22, 2016 for the following reasons: effluent violations and SSOs
9. Number of reported Bypasses/Unpermitted Discharges/SSOs (if applicable) over the past three years: 9
 - a. Of those Unpermitted Discharges, how many greater than 1,000 gallons? 9
10. The Facility has not had a CAO/NOV/DAO issued.
11. A non-compliance letter(s) was sent to the Facility regarding effluent violations/DMR non-receipts/Deficient DMR/Fees/Deficient non-compliance reports. No
12. How many violations for late DMRs are there? **15** Any action taken? No
13. What corrective actions were taken for item above and are they in compliance now? N/A
14. The facility **has** the compliance schedule with the permit for the following reports: none
15. Was the permit renewal application timely submitted? No, application was supposed to be submitted on May 4, 2020; application was not determined to be administratively complete until May 16, 2020.
16. Does the Facility currently employ an appropriately licensed Operator? Yes
17. The date of the last inspection for this facility was: January 26, 2016; Are there any inspection violations Permits needs to be aware of? No

18. Permit fees **are** current.
19. Has a NetDMR account been set up for the Facility's DMR data submittals? Yes
20. Based on information above are you able to solve compliance issue prior to issuance of the permit? Yes
21. Other helpful information