

# Effluent Limit Exceedances Report

## Effluent Limit Exceedances Report

MAGRUDER VILLAGE WATER CORP, WOODVILLE, KY, 42053

**Facility Information**

NPDES (National Pollutant Discharge Elimination System) ID: KY0083577  
 FRS (Facility Registry Service) ID: 110006750211  
 Other NPDES (National Pollutant Discharge Elimination System) IDs associated with this FRS (Facility Registry Service) ID: None  
 TRI (Toxics Release Inventory) ID(s): None  
 Major/Non-Major Indicator: Non-Major  
 Facility Type: NON-POTW  
 Latitude/Longitude: 37.097222/-88.854167  
 4-Digit SIC (Standard Industrial Classification) Code: 6552 - LAND SUBDIVIDERS & DEV, EX CEM  
 6-Digit NAICS (North American Industry Classification System) Code: --

**Permit Information**

Permit Status: Effective  
 Permit Issuance: STATE OF KENTUCKY  
 Original Issue Date: 09/12/1986  
 Last Issue Date: 10/18/2018  
 Permit Effective Date: 01/01/2019  
 Permit Expiration Date: 12/31/2023  
 DMR Signer: Danny Compton  
 Approved Pretreatment Program: N/A  
 Combined Sewer Overflow (CSO) Outfall: N/A

**Receiving Watershed Information**

State Water Body Name (ICIS (Integrated Compliance Information System)): BAYOU CRK, UT TO BAYOU CREEK  
 WBD (Watershed Boundary Dataset) Subwatershed Name / 12-Digit WBD (Watershed Boundary Dataset) HUC (Hydrologic Unit Code) (FRS Derived): Bayou Creek-Ohio River (051402060701)  
 Listed for Impairment (ATTAINS (Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System)): No  
 Impairment Class (ATTAINS (Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System)): Not provided.

**Enforcement Information**

Last Formal Enforcement Action: 03/10/2022  
 Civil Enforcement Case Number: KY-DOW-20-3-0332  
 DOJ/Court Docket Number: --  
 Court Docket Number:  
 Type Description: State Administrative Order of Consent

**Related Reports**

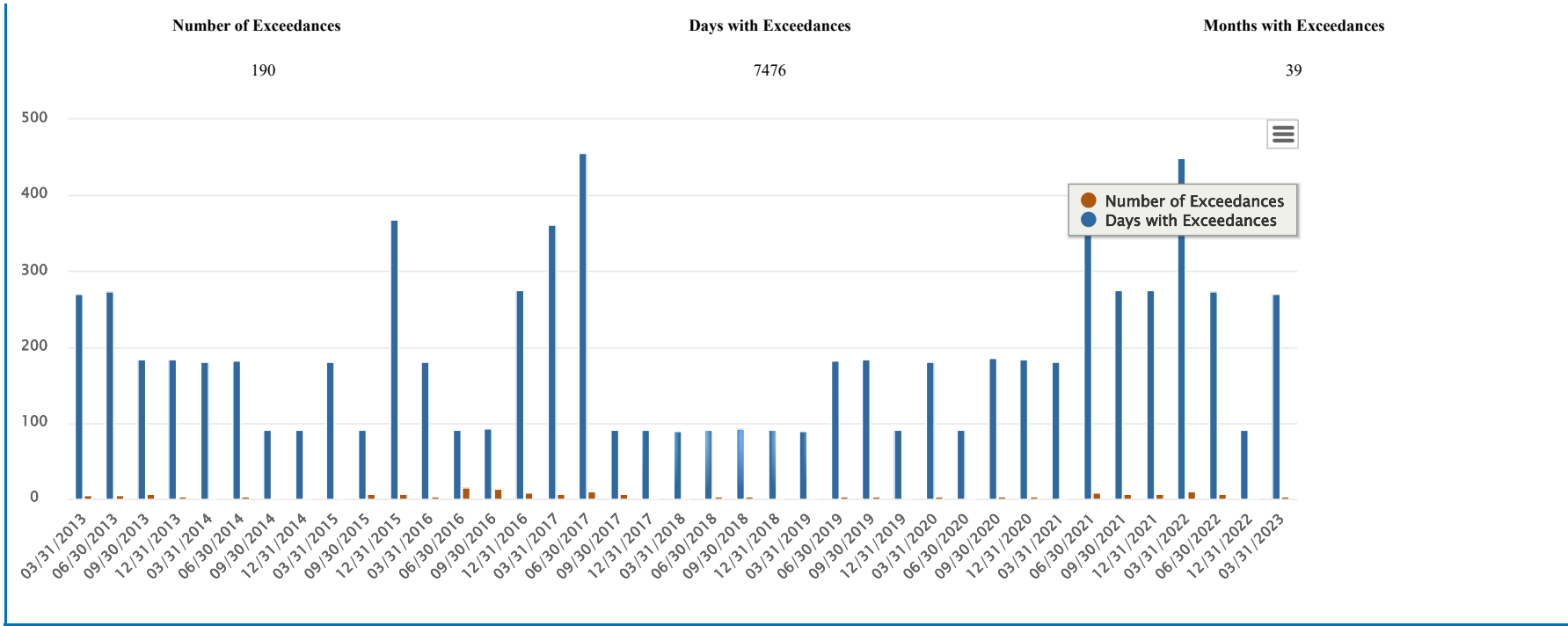
- [View DMR Pollutant Loading Report](#)
- [View Detailed Facility Report](#)
- [View Effluent Charts](#)

Report Options

Adjust Date Range:  ▾

Display records identified as potential outliers or data errors

Total Exceedance Counts



**Exceedance Counts by Pollutant**

Parameter Code	Description	Limit Type	Contains Potential Outliers?	Number of Exceedances	Days with Exceedances
00610	Nitrogen, ammonia total (as N)	MO AVG		29	1,731
51040	E. coli	30DA GEO		20	1,822
51040	E. coli	7 DA GEO		20	0
80082	BOD, carbonaceous, 05 day, 20 C	MO AVG		18	1,089
00610	Nitrogen, ammonia total (as N)	WKLY AVG		14	0
50060	Chlorine, total residual	MO AVG		14	1,279
00530	Solids, total suspended	MO AVG		11	637
00610	Nitrogen, ammonia total (as N)	DAILY MX		11	0
00300	Oxygen, dissolved (DO)	MINIMUM		8	8

Parameter Code	Description	Limit Type	Contains Potential Outliers?	Number of Exceedances	Days with Exceedances
50060	Chlorine, total residual	WKLY AVG		8	0
00530	Solids, total suspended	WKLY AVG		6	0
80082	BOD, carbonaceous, 05 day, 20 C	WKLY AVG		6	0
00530	Solids, total suspended	30DA AVG		5	455
50060	Chlorine, total residual	30DA AVG		5	455
50060	Chlorine, total residual	DAILY MX		5	0
00530	Solids, total suspended	DAILY MX		4	0
80082	BOD, carbonaceous, 05 day, 20 C	MX WK AV		4	0
00530	Solids, total suspended	MX WK AV		2	0

Exceedance Details

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
03/31/2013	001	00530 - Solids, total suspended	0.0610	30DA AVG	2.77 kg/d	<= 0.848 kg/d	226	381	--	90	90
03/31/2013	001	00530 - Solids, total suspended	--	DAILY MX	2.77 kg/d	<= 1.27 kg/d	117	--	--	90	--
03/31/2013	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	1.73 kg/d	<= 0.425 kg/d	307	--	--	90	--
03/31/2013	001	00610 - Nitrogen, ammonia total (as N)	0.0610	MO AVG	1.73 kg/d	<= 0.286 kg/d	506	287	0.3187	90	90
03/31/2013	001	50060 - Chlorine, total residual	0.0610	30DA AVG	0.0140 mg/L	<= 0.011 mg/L	27	0.1375	0.0687	90	90
06/30/2013	001	00530 - Solids, total suspended	--	DAILY MX	4.77 kg/d	<= 1.27 kg/d	274	--	--	91	--
06/30/2013	001	00530 - Solids, total suspended	0.0630	30DA AVG	4.77 kg/d	<= 0.848 kg/d	462	786	--	91	91
06/30/2013	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	0.8571 kg/d	<= 0.17 kg/d	404	--	--	91	--
06/30/2013	001	00610 - Nitrogen, ammonia total (as N)	0.0630	MO AVG	0.8571 kg/d	<= 0.113 kg/d	656	149	0.1657	91	91

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
06/30/2013	001	50060 - Chlorine, total residual	0.0630	30DA AVG	0.0130 mg/L	<= 0.011 mg/L	18	0.0957	0.0478	91	91
09/30/2013	001	00530 - Solids, total suspended	0.0670	30DA AVG	6.84 kg/d	<= 0.848 kg/d	707	1,216	--	92	92
09/30/2013	001	00530 - Solids, total suspended	--	DAILY MX	6.84 kg/d	<= 1.27 kg/d	437	--	--	92	--
09/30/2013	001	00610 - Nitrogen, ammonia total (as N)	0.0670	MO AVG	7.66 kg/d	<= 0.113 kg/d	6652	1,530	1.70	92	--
09/30/2013	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	30.20 mg/L	<= 6 mg/L	403	--	--	92	--
09/30/2013	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	30.20 mg/L	<= 4 mg/L	655	--	--	92	--
09/30/2013	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	7.66 kg/d	<= 0.17 kg/d	4401	--	--	92	--
09/30/2013	001	50060 - Chlorine, total residual	0.0670	30DA AVG	0.0140 mg/L	<= 0.011 mg/L	27	0.1543	0.0772	92	92
12/31/2013	001	00530 - Solids, total suspended	--	DAILY MX	5.45 kg/d	<= 1.27 kg/d	327	--	--	92	--
12/31/2013	001	00530 - Solids, total suspended	0.0600	30DA AVG	5.45 kg/d	<= 0.848 kg/d	542	933	--	92	92
12/31/2013	001	50060 - Chlorine, total residual	0.0600	30DA AVG	0.0130 mg/L	<= 0.011 mg/L	18	0.0921	0.0461	92	92
03/31/2014	001	00530 - Solids, total suspended	0.0490	30DA AVG	1.11 kg/d	<= 0.848 kg/d	31	52.20	--	90	90
03/31/2014	001	50060 - Chlorine, total residual	0.0490	30DA AVG	0.0130 mg/L	<= 0.011 mg/L	18	0.0736	0.0368	90	90
06/30/2014	001	00530 - Solids, total suspended	--	WKLY AVG	4.53 kg/d	<= 1.27 kg/d	255	--	--	91	--
06/30/2014	001	00530 - Solids, total suspended	0.0630	MO AVG	4.53 kg/d	<= 0.848 kg/d	434	738	--	91	91
06/30/2014	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	0.4399 kg/d	<= 0.17 kg/d	159	--	--	91	--
06/30/2014	001	00610 - Nitrogen, ammonia total (as N)	0.0630	MO AVG	0.4399 kg/d	<= 0.113 kg/d	288	65.52	0.0727	91	91

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
09/30/2014	001	00530 - Solids, total suspended	--	MO AVG	42 mg/L	<= 30 mg/L	40	--	--	92	92
12/31/2014	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	39 mg/L	<= 20 mg/L	95	--	--	92	92
12/31/2014	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	39 mg/L	<= 30 mg/L	30	--	--	92	--
03/31/2015	001	50060 - Chlorine, total residual	0.0017	MO AVG	0.0170 mg/L	<= 0.011 mg/L	55	0.0077	0.0038	90	90
03/31/2015	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	21 mg/L	<= 20 mg/L	5	--	--	90	90
09/30/2015	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	0.2449 kg/d	<= 0.17 kg/d	44	--	--	92	--
09/30/2015	001	00610 - Nitrogen, ammonia total (as N)	0.0020	MO AVG	0.2449 kg/d	<= 0.113 kg/d	116	26.68	0.0296	92	--
09/30/2015	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	32.10 mg/L	<= 4 mg/L	703	--	--	92	--
09/30/2015	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	32.10 mg/L	<= 6 mg/L	435	--	--	92	--
09/30/2015	001	50060 - Chlorine, total residual	0.0020	MO AVG	0.3700 mg/L	<= 0.011 mg/L	3264	0.5513	0.2756	92	92
09/30/2015	001	50060 - Chlorine, total residual	--	WKLY AVG	0.3700 mg/L	<= 0.019 mg/L	1847	--	--	92	--
12/31/2015	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	18.17 mg/L	<= 15 mg/L	21	--	--	92	--
12/31/2015	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	18.17 mg/L	<= 10 mg/L	82	--	--	92	92
12/31/2015	001	50060 - Chlorine, total residual	--	WKLY AVG	0.0600 mg/L	<= 0.019 mg/L	216	--	--	92	--
12/31/2015	001	50060 - Chlorine, total residual	0.0020	MO AVG	0.0600 mg/L	<= 0.011 mg/L	445	0.0752	0.0376	92	92
12/31/2015	001	51040 - E. coli	0.0020	30DA GEO	3,200 #/100mL	<= 130 #/100mL	2362	--	--	92	92

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
12/31/2015	001	51040 - E. coli	--	7 DA GEO	3,200 #/100mL	<= 240 #/100mL	1233	--	--	92	--
12/31/2015	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	28 mg/L	<= 20 mg/L	40	--	--	92	92
03/31/2016	001	51040 - E. coli	--	7 DA GEO	34,300 #/100mL	<= 240 #/100mL	14192	--	--	90	--
03/31/2016	001	51040 - E. coli	0.0020	30DA GEO	34,300 #/100mL	<= 130 #/100mL	26285	--	--	90	90
03/31/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	21 mg/L	<= 20 mg/L	5	--	--	90	90
06/30/2016	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	4.80 mg/L	>= 7 mg/L	31	--	--	91	1
06/30/2016	001	00530 - Solids, total suspended	--	WKLY AVG	5.90 kg/d	<= 1.27 kg/d	363	--	--	91	--
06/30/2016	001	00530 - Solids, total suspended	--	WKLY AVG	86 mg/L	<= 45 mg/L	91	--	--	91	--
06/30/2016	001	00530 - Solids, total suspended	--	MO AVG	86 mg/L	<= 30 mg/L	187	--	--	91	--
06/30/2016	001	00530 - Solids, total suspended	0.0180	MO AVG	5.90 kg/d	<= 0.848 kg/d	595	1,013	--	91	--
06/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	1.50 kg/d	<= 0.17 kg/d	783	--	--	91	--
06/30/2016	001	00610 - Nitrogen, ammonia total (as N)	0.0180	MO AVG	1.50 kg/d	<= 0.113 kg/d	1224	278	0.3091	91	--
06/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	22.04 mg/L	<= 6 mg/L	267	--	--	91	--
06/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	22.04 mg/L	<= 4 mg/L	451	--	--	91	--
06/30/2016	001	50060 - Chlorine, total residual	0.0180	MO AVG	0.5100 mg/L	<= 0.011 mg/L	4536	6.82	3.41	91	91
06/30/2016	001	50060 - Chlorine, total residual	--	WKLY AVG	0.5100 mg/L	<= 0.019 mg/L	2584	--	--	91	--

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
06/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0180	MO AVG	5.44 kg/d	<= 0.567 kg/d	860	978	--	91	--
06/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	81 mg/L	<= 30 mg/L	170	--	--	91	--
06/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	81 mg/L	<= 20 mg/L	305	--	--	91	--
06/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	5.44 kg/d	<= 0.853 kg/d	538	--	--	91	--
09/30/2016	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	4.80 mg/L	>= 7 mg/L	31	--	--	92	1
09/30/2016	001	00530 - Solids, total suspended	--	MO AVG	50 mg/L	<= 30 mg/L	67	--	--	92	--
09/30/2016	001	00530 - Solids, total suspended	--	WKLY AVG	5.44 kg/d	<= 1.27 kg/d	327	--	--	92	--
09/30/2016	001	00530 - Solids, total suspended	0.0280	MO AVG	5.44 kg/d	<= 0.848 kg/d	542	932	--	92	--
09/30/2016	001	00530 - Solids, total suspended	--	WKLY AVG	50 mg/L	<= 45 mg/L	11	--	--	92	--
09/30/2016	001	00610 - Nitrogen, ammonia total (as N)	0.0280	MO AVG	3.74 kg/d	<= 0.113 kg/d	3196	735	0.8159	92	--
09/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	35.30 mg/L	<= 6 mg/L	488	--	--	92	--
09/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	35.30 mg/L	<= 4 mg/L	783	--	--	92	--
09/30/2016	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	3.74 kg/d	<= 0.17 kg/d	2097	--	--	92	--
09/30/2016	001	50060 - Chlorine, total residual	--	WKLY AVG	0.4900 mg/L	<= 0.019 mg/L	2479	--	--	92	--
09/30/2016	001	50060 - Chlorine, total residual	0.0280	MO AVG	0.4900 mg/L	<= 0.011 mg/L	4355	10.30	5.15	92	92

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
09/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0280	MO AVG	3.17 kg/d	<= 0.567 kg/d	460	529	--	92	--
09/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	29 mg/L	<= 20 mg/L	45	--	--	92	--
09/30/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	3.17 kg/d	<= 0.853 kg/d	272	--	--	92	--
12/31/2016	001	00530 - Solids, total suspended	--	MO AVG	77 mg/L	<= 30 mg/L	157	--	--	92	92
12/31/2016	001	00530 - Solids, total suspended	--	WKLY AVG	77 mg/L	<= 45 mg/L	71	--	--	92	--
12/31/2016	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	24.20 mg/L	<= 10 mg/L	142	--	--	92	92
12/31/2016	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	24.20 mg/L	<= 15 mg/L	61	--	--	92	--
12/31/2016	001	51040 - E. coli	--	7 DA GEO	120,000 #/100mL	<= 240 #/100mL	49900	--	--	92	--
12/31/2016	001	51040 - E. coli	0.0024	30DA GEO	120,000 #/100mL	<= 130 #/100mL	92208	--	--	92	92
12/31/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	63 mg/L	<= 20 mg/L	215	--	--	92	--
12/31/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	63 mg/L	<= 30 mg/L	110	--	--	92	--
12/31/2016	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0024	MO AVG	0.5714 kg/d	<= 0.567 kg/d	1	0.9200	--	92	--
03/31/2017	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	6.30 mg/L	>= 7 mg/L	10	--	--	90	1
03/31/2017	001	00530 - Solids, total suspended	--	MO AVG	33 mg/L	<= 30 mg/L	10	--	--	90	90
03/31/2017	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	28.90 mg/L	<= 15 mg/L	93	--	--	90	--
03/31/2017	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	28.90 mg/L	<= 10 mg/L	189	--	--	90	90



Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
03/31/2017	001	51040 - E. coli	--	7 DA GEO	42,000 #/100mL	<= 240 #/100mL	17400	--	--	90	--
03/31/2017	001	51040 - E. coli	0.0019	30DA GEO	42,000 #/100mL	<= 130 #/100mL	32208	--	--	90	90
03/31/2017	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	23 mg/L	<= 20 mg/L	15	--	--	90	90
06/30/2017	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	3.40 mg/L	>= 7 mg/L	51	--	--	91	1
06/30/2017	001	00530 - Solids, total suspended	--	MO AVG	34 mg/L	<= 30 mg/L	13	--	--	91	91
06/30/2017	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	15.10 mg/L	<= 15 mg/L	1	--	--	91	--
06/30/2017	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	15.10 mg/L	<= 10 mg/L	51	--	--	91	91
06/30/2017	001	50060 - Chlorine, total residual	0.0023	MO AVG	1.11 mg/L	<= 0.011 mg/L	9991	1.92	0.9599	91	91
06/30/2017	001	50060 - Chlorine, total residual	--	WKLY AVG	1.11 mg/L	<= 0.019 mg/L	5742	--	--	91	--
06/30/2017	001	51040 - E. coli	0.0023	30DA GEO	265 #/100mL	<= 130 #/100mL	104	--	--	91	91
06/30/2017	001	51040 - E. coli	--	7 DA GEO	265 #/100mL	<= 240 #/100mL	10	--	--	91	--
06/30/2017	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	WKLY AVG	39 mg/L	<= 30 mg/L	30	--	--	91	--
06/30/2017	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MO AVG	39 mg/L	<= 20 mg/L	95	--	--	91	91
09/30/2017	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	24.80 mg/L	<= 4 mg/L	520	--	--	92	--
09/30/2017	001	00610 - Nitrogen, ammonia total (as N)	0.0027	MO AVG	0.2540 kg/d	<= 0.113 kg/d	124	28.52	0.0317	92	--
09/30/2017	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	0.2540 kg/d	<= 0.17 kg/d	49	--	--	92	--

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
09/30/2017	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	24.80 mg/L	<= 6 mg/L	313	--	--	92	--
09/30/2017	001	50060 - Chlorine, total residual	0.0027	MO AVG	0.0410 mg/L	<= 0.011 mg/L	273	0.0622	0.0311	92	92
09/30/2017	001	50060 - Chlorine, total residual	--	WKLY AVG	0.0410 mg/L	<= 0.019 mg/L	116	--	--	92	--
12/31/2017	001	51040 - E. coli	0.0031	30DA GEO	<= 312 #/100mL	<= 130 #/100mL	140	--	--	92	92
12/31/2017	001	51040 - E. coli	--	7 DA GEO	<= 312 #/100mL	<= 240 #/100mL	30	--	--	92	--
03/31/2018	001	51040 - E. coli	0.0020	30DA GEO	66,000 #/100mL	<= 130 #/100mL	50669	--	--	90	90
03/31/2018	001	51040 - E. coli	--	7 DA GEO	66,000 #/100mL	<= 240 #/100mL	27400	--	--	90	--
06/30/2018	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	5 mg/L	>= 7 mg/L	29	--	--	91	1
06/30/2018	001	00610 - Nitrogen, ammonia total (as N)	--	MO AVG	8.76 mg/L	<= 4 mg/L	119	--	--	91	91
06/30/2018	001	00610 - Nitrogen, ammonia total (as N)	--	WKLY AVG	8.76 mg/L	<= 6 mg/L	46	--	--	91	--
09/30/2018	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	4.70 mg/L	>= 7 mg/L	33	--	--	92	1
09/30/2018	001	50060 - Chlorine, total residual	--	WKLY AVG	0.0700 mg/L	<= 0.019 mg/L	268	--	--	92	--
09/30/2018	001	50060 - Chlorine, total residual	0.0029	MO AVG	0.0700 mg/L	<= 0.011 mg/L	536	0.1314	0.0657	92	92
12/31/2018	001	50060 - Chlorine, total residual	0.0034	MO AVG	0.1300 mg/L	<= 0.011 mg/L	1082	0.3107	0.1553	92	92
12/31/2018	001	50060 - Chlorine, total residual	--	WKLY AVG	0.1300 mg/L	<= 0.019 mg/L	584	--	--	92	--
03/31/2019	001	51040 - E. coli	--	7 DA GEO	960,000 #/100mL	<= 240 #/100mL	399900	--	--	90	--
03/31/2019	001	51040 - E. coli	0.0022	30DA GEO	960,000 #/100mL	<= 130 #/100mL	738362	--	--	90	90

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
06/30/2019	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	6.30 mg/L	>= 7 mg/L	10	--	--	91	1
06/30/2019	001	00610 - Nitrogen, ammonia total (as N)	0.0024	MO AVG	5.82 mg/L	<= 4 mg/L	46	3.32	0.0037	91	91
06/30/2019	001	50060 - Chlorine, total residual	0.0024	MO AVG	0.9000 mg/L	<= 0.011 mg/L	8082	1.62	0.8102	91	91
06/30/2019	001	50060 - Chlorine, total residual	--	DAILY MX	0.9000 mg/L	<= 0.019 mg/L	4637	--	--	91	--
09/30/2019	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	45.52 mg/L	<= 6 mg/L	659	--	--	92	--
09/30/2019	001	00610 - Nitrogen, ammonia total (as N)	0.0034	MO AVG	45.52 mg/L	<= 4 mg/L	1038	108	0.1203	92	92
09/30/2019	001	51040 - E. coli	0.0034	30DA GEO	140,000 #/100mL	<= 130 #/100mL	107592	--	--	92	92
09/30/2019	001	51040 - E. coli	--	7 DA GEO	140,000 #/100mL	<= 240 #/100mL	58233	--	--	92	--
12/31/2019	001	51040 - E. coli	0.0036	30DA GEO	120,000 #/100mL	<= 130 #/100mL	92208	--	--	92	92
12/31/2019	001	51040 - E. coli	--	7 DA GEO	120,000 #/100mL	<= 240 #/100mL	49900	--	--	92	--
03/31/2020	001	50060 - Chlorine, total residual	0.0035	MO AVG	0.6300 mg/L	<= 0.011 mg/L	5627	1.63	0.8137	90	90
03/31/2020	001	50060 - Chlorine, total residual	--	DAILY MX	0.6300 mg/L	<= 0.019 mg/L	3216	--	--	90	--
03/31/2020	001	51040 - E. coli	0.0035	30DA GEO	31,000 #/100mL	<= 130 #/100mL	23746	--	--	90	90
03/31/2020	001	51040 - E. coli	--	7 DA GEO	31,000 #/100mL	<= 240 #/100mL	12817	--	--	90	--
06/30/2020	001	51040 - E. coli	--	7 DA GEO	48,000 #/100mL	<= 240 #/100mL	19900	--	--	91	--
06/30/2020	001	51040 - E. coli	0.0035	30DA GEO	48,000 #/100mL	<= 130 #/100mL	36823	--	--	91	91

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
09/30/2020	001	00300 - Oxygen, dissolved (DO)	--	MINIMUM	5.70 mg/L	>= 7 mg/L	19	--	--	92	1
09/30/2020	001	00610 - Nitrogen, ammonia total (as N)	0.0031	MO AVG	4.13 mg/L	<= 4 mg/L	3	0.3094	0.0003	92	92
09/30/2020	001	50060 - Chlorine, total residual	--	DAILY MX	2.20 mg/L	<= 0.019 mg/L	11479	--	--	92	--
09/30/2020	001	50060 - Chlorine, total residual	0.0031	MO AVG	2.20 mg/L	<= 0.011 mg/L	19900	5.21	2.61	92	92
12/31/2020	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	23.50 mg/L	<= 15 mg/L	57	--	--	92	--
12/31/2020	001	00610 - Nitrogen, ammonia total (as N)	0.0032	MO AVG	23.50 mg/L	<= 10 mg/L	135	33.17	0.0368	92	92
12/31/2020	001	51040 - E. coli	0.0032	30DA GEO	170,000 #/100mL	<= 130 #/100mL	130669	--	--	92	92
12/31/2020	001	51040 - E. coli	--	7 DA GEO	170,000 #/100mL	<= 240 #/100mL	70733	--	--	92	--
03/31/2021	001	00610 - Nitrogen, ammonia total (as N)	0.0030	MO AVG	12.30 mg/L	<= 10 mg/L	23	5.18	0.0058	90	90
03/31/2021	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0030	MO AVG	28 mg/L	<= 20 mg/L	40	18.03	--	90	90
06/30/2021	001	00530 - Solids, total suspended	--	MX WK AV	60 mg/L	<= 45 mg/L	33	--	--	91	--
06/30/2021	001	00530 - Solids, total suspended	0.0026	MO AVG	60 mg/L	<= 30 mg/L	100	59.24	--	91	91
06/30/2021	001	00610 - Nitrogen, ammonia total (as N)	0.0026	MO AVG	35 mg/L	<= 4 mg/L	775	61.21	0.0679	91	91
06/30/2021	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	35 mg/L	<= 6 mg/L	483	--	--	91	--
06/30/2021	001	51040 - E. coli	--	7 DA GEO	2,700,000 #/100mL	<= 240 #/100mL	1124900	--	--	91	--
06/30/2021	001	51040 - E. coli	0.0026	30DA GEO	2,700,000 #/100mL	<= 130 #/100mL	2076823	--	--	91	91

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
06/30/2021	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MX WK AV	33 mg/L	<= 30 mg/L	10	--	--	91	--
06/30/2021	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0026	MO AVG	33 mg/L	<= 20 mg/L	65	25.67	--	91	91
09/30/2021	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	32.90 mg/L	<= 6 mg/L	448	--	--	92	--
09/30/2021	001	00610 - Nitrogen, ammonia total (as N)	0.0024	MO AVG	32.90 mg/L	<= 4 mg/L	723	53.26	0.0591	92	92
09/30/2021	001	51040 - E. coli	--	7 DA GEO	440,000 #/100mL	<= 240 #/100mL	183233	--	--	92	--
09/30/2021	001	51040 - E. coli	0.0024	30DA GEO	440,000 #/100mL	<= 130 #/100mL	338362	--	--	92	92
09/30/2021	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MX WK AV	40 mg/L	<= 30 mg/L	33	--	--	92	--
09/30/2021	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0024	MO AVG	40 mg/L	<= 20 mg/L	100	36.86	--	92	92
12/31/2021	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	16.80 mg/L	<= 15 mg/L	12	--	--	92	--
12/31/2021	001	00610 - Nitrogen, ammonia total (as N)	0.0030	MO AVG	16.80 mg/L	<= 10 mg/L	68	15.66	0.0174	92	92
12/31/2021	001	50060 - Chlorine, total residual	0.0030	MO AVG	< 0.0200 mg/L	<= 0.011 mg/L	82	0	0	92	92
12/31/2021	001	50060 - Chlorine, total residual	--	DAILY MX	< 0.0200 mg/L	<= 0.019 mg/L	5	--	--	92	--
12/31/2021	001	51040 - E. coli	0.0030	30DA GEO	190,000 #/100mL	<= 130 #/100mL	146054	--	--	92	92
12/31/2021	001	51040 - E. coli	--	7 DA GEO	190,000 #/100mL	<= 240 #/100mL	79067	--	--	92	--
03/31/2022	001	00530 - Solids, total suspended	0.0024	MO AVG	48 mg/L	<= 30 mg/L	60	32.45	--	90	90

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
03/31/2022	001	00530 - Solids, total suspended	--	MX WK AV	48 mg/L	<= 45 mg/L	7	--	--	90	--
03/31/2022	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	19 mg/L	<= 15 mg/L	27	--	--	90	--
03/31/2022	001	00610 - Nitrogen, ammonia total (as N)	0.0024	MO AVG	19 mg/L	<= 10 mg/L	90	16.22	0.0180	90	90
03/31/2022	001	50060 - Chlorine, total residual	0.0024	MO AVG	0.3700 mg/L	<= 0.011 mg/L	3264	0.6472	0.3236	90	90
03/31/2022	001	50060 - Chlorine, total residual	--	DAILY MX	0.3700 mg/L	<= 0.019 mg/L	1847	--	--	90	--
03/31/2022	001	51040 - E. coli	--	7 DA GEO	118,000 #/100mL	<= 240 #/100mL	49067	--	--	90	--
03/31/2022	001	51040 - E. coli	0.0024	30DA GEO	118,000 #/100mL	<= 130 #/100mL	90669	--	--	90	90
03/31/2022	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MX WK AV	58 mg/L	<= 30 mg/L	93	--	--	90	--
03/31/2022	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0024	MO AVG	58 mg/L	<= 20 mg/L	190	68.50	--	90	90
06/30/2022	001	00610 - Nitrogen, ammonia total (as N)	--	DAILY MX	28.40 mg/L	<= 6 mg/L	373	--	--	91	--
06/30/2022	001	00610 - Nitrogen, ammonia total (as N)	0.0025	MO AVG	28.40 mg/L	<= 4 mg/L	610	46.33	0.0514	91	91
06/30/2022	001	51040 - E. coli	0.0025	30DA GEO	166,000 #/100mL	<= 130 #/100mL	127592	--	--	91	91
06/30/2022	001	51040 - E. coli	--	7 DA GEO	166,000 #/100mL	<= 240 #/100mL	69067	--	--	91	--
06/30/2022	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0025	MO AVG	40 mg/L	<= 20 mg/L	100	37.97	--	91	91
06/30/2022	001	80082 - BOD, carbonaceous, 05 day, 20 C	--	MX WK AV	40 mg/L	<= 30 mg/L	33	--	--	91	--
12/31/2022	001	51040 - E. coli	0.0030	30DA GEO	31,500 #/100mL	<= 130 #/100mL	24131	--	--	92	92

Date	Outfall	Parameter	Average Daily Flow (MGD)	Limit Type	DMR Value	Limit Value	Percent Exceedance	Load over Limit (lb/period)	Load over Limit (lb-eq/period)	Days per Period	Days with Exceedances
12/31/2022	001	51040 - E. coli	--	7 DA GEO	31,500 #/100mL	<= 240 #/100mL	13025	--	--	92	--
03/31/2023	001	00610 - Nitrogen, ammonia total (as N)	0.0029	MO AVG	13.30 mg/L	<= 10 mg/L	33	7.19	0.0080	90	90
03/31/2023	001	51040 - E. coli	--	7 DA GEO	550,000 #/100mL	<= 240 #/100mL	229067	--	--	90	--
03/31/2023	001	51040 - E. coli	0.0029	30DA GEO	550,000 #/100mL	<= 130 #/100mL	422977	--	--	90	90
03/31/2023	001	80082 - BOD, carbonaceous, 05 day, 20 C	0.0029	MO AVG	28 mg/L	<= 20 mg/L	40	17.43	--	90	90