

A.

CSO #2PB00042003	CSO #2PB00042006	CSO #2PB00042004
South Brian Street	W. of South Bryan Street	Defiance Avenue
41 N 17' 16"; 84 W 45' 37"	41N 17' 15"; 84W 45' 38"	41 N 17' 42"; 84 W 45' 02"
Mill Creek	Mill Creek	Unnamed Tributary to Mill Creek

B.

CSO #003					CSO #006					CSO #004					
Mill Creek					Mill Creek					Beerbower Ditch					
Time		DATE	EVENTS	GALLONS (MGD)	Time		DATE	EVENTS	GALLONS (MGD)	Time		DATE	EVENTS	GALLONS (MGD)	
Start	Stop				Start	Stop				Start	Stop				
0:45	0:00	1-Jan	1	0.302											0.22
0:00	23:45	2-Jan	1	0.087											0.00
0:45	9:30	3-Jan	1	0.018											0.00
11:30	12:00	5-Jan	1	0.01											0.00
					12:15	12:45	11-Jan	1	0.001						0.00
					5:00	7:30	12-Jan	1	0.011						0.00
10:00	14:15	2-Feb	1	0.027											0.33
17:15	17:45	9-Feb	1	0.001											0.00
12:15	Midnight	11-Feb	1	0.993	15:00	20:00	11-Feb	1	0.046						0.23
Midnight	20:45	12-Feb	1	0.202											0.00
14:30	15:00	13-Feb	1	0.003											0.00
15:30	Midnight	16-Feb	1	1.135	16:30	Midnight	16-Feb	1	0.158						0.49
Midnight	Midnight	17-Feb	1	5.701	Midnight	Midnight	17-Feb	1	1.352	?	?	17-Feb	1	0.5	0.65
Midnight	Midnight	18-Feb	1	0.979	Midnight	10:30	18-Feb	1	0.031						0.00
3:45	19:00	19-Feb	1	0.037											0.00
14:15	22:30	20-Feb	1	0.248	16:00	23:45	20-Feb	1	0.006	?	?	20-Feb	1	?	0.00
5:00	Midnight	21-Feb	1	0.982	13:00	22:15	21-Feb	1	0.083						0.10
Midnight	Midnight	22-Feb	1-Jan	2.28	5:45	Midnight	22-Feb	1	0.293						0.11
Midnight	23:45	23-Feb	1	0.705	Midnight	3:45	23-Feb	1	0.017						0.00
1:15	9:15	24-Feb	1	0.049											0.19
4:30	24:00:00	6-Mar	1	0.092	4:45	5:45	6-Mar	1	0.011						0.52
Midnight	23:45	7-Mar	1	1.663	3:00	17:00	7-Mar	1	0.233						0.00
Midnight	13:45	8-Mar	1	0.052											0.00
0:15	7:30	10-Mar	1	0.089											0.01
17:45	23:45	18-Mar	1	0.456	18:15	21:45	18-Mar	1	0.059						1.05
0:15	24:00:00	19-Mar	1	3.574	4:45	Midnight	19-Mar	1	0.674						0.44
Midnight	24:00:00	20-Mar	1	1.291	0	12:00	20-Mar	1	0.06						0.00
Midnight	22:15	21-Mar	1	0.084											0.00
18:30	Midnight	22-Mar	1	0.367	20:15	Midnight	22-Mar	1	0.023						0.55
Midnight	Midnight	23-Mar	1	5.504	0:30	Midnight	23-Mar	1	1.303	?	?	23-Mar	1	0.6	0.92
Midnight	Midnight	24-Mar	1	3.557	Midnight	Midnight	24-Mar	1	0.545						0.00
Midnight	23:30	25-Mar	1	0.682	Midnight	0:45	25-Mar	1	0.001						0.02
1:00	21:30	26-Mar	1	0.093											0.00
8:45	9:15	28-Mar	1	0.002											0.00
3:45	12:15	29-Mar	1	0.018											0.00
13:00	18:00	6-Apr	1	0.051	1300	1430	6-Apr	1	0.001						0.24
12:00	16:00	13-Apr	1	0.073	1400	1500	13-Apr	1	0.001						0.00
19:45	18:30	24-Apr	1	0.012											0.25
14:15	14:45	30-Apr	1	0.002											0.93
1:00	12:15	1-May	1	0.752	1:00	5:15	1-May	1	0.122	9:30	11:30	1-May	1	?	0.01
10:30	12:00	3-May	1	1.881	10:30	12:00	3-May	1	0.378	17:30	12:00	3-May	1	?	1.01
12:00	20:45	4-May	1	0.493	12:00	2:15	4-May	1	0.01	12:00	12:00	4-May	1	?	0.00
8:45	16:00	5-May	1	0.042											0.36
5:15	23:15	6-May	1	0.341	19:00	21:00	6-May	1	0.01						0.15
12:00	23:15	7-May	1	0.08											0.00
10:00	10:30	8-May	1	0.005											0.00
16:45	20:15	14-May	1	0.561	16:45	19:45	14-May	1	0.142	1900	2000	14-May	1	?	0.87
20:15	20:45	15-May	1	0.007											0.44
1:45	7:15	16-May	1	0.053	2:00	2:45	16-May	1	0.001						0.00
14:15	Next day	26-May	1		14:15	Next day	26-May	1							0.42
12:30	10:30	3-Jun	1	0.001											0.00
23:30	Midnight	6-Jun	1		23:45			1							1.42
Midnight	20:15	7-Jun		2.306		8:15	7-Jun		0.558						0.01

18:00	23:45	8-Jun	1	0.901	18:15	22:45	8-Jun	1	0.180									0.61
3:15	11:15	9-Jun	1	0.053														0.01
21:30	22:00	13-Jun	1	0.001														0.07
10:30	22:00	15-Jun	1	0.001														0.00
16:30	17:30	1-Jul	1	0.038														0.16
2:30	3:00	3-Jul	1	0.001														0.00
4:15	22:30	5-Jul	1	1.165						9:30	12:00	5-Jul	1	?				1.21
2:00	13:30	6-Jul	1	0.703														0.03
16:15	23:30	11-Jul	1	0.001														0.00
2:15	15:15	12-Jul	1	0.002														0.00
5:15	21:30	20-Jul	1	0.001														0.00
12:15	9:00	22-Jul	1	0.38						1:00	10:00	22-Jul	1	?				0.03
1:45	2:15	24-Jul	1	0.004														0.00
18:30	19:00	1-Aug	1	0.01														0.10
16:00	20:30	3-Aug	1	0.053														0.45
23:30	Midnight	7-Aug	1	0.21														1.98
Midnight	8:45	8-Aug	1	2.122														0.52
14:45	23:30	21-Aug	1	0.432														0.50
5:00	16:15	29-Aug	1	0.399	?	?	29-Aug	1	?									0.24
12:30	3:00	30-Aug	1	0.068														0.00
630	2300	27-Nov	1	1.201														0.68
2045	2115	29-Nov	1	0.001														0.15
245	330	30-Nov	1	0.012														0.00
1:00	10:15	15-Dec	1	0.321														0.00
9:00	9:45	19-Dec	1	0.011														0.00
19:15	22:15	22-Dec	1	0.151														0.32
9:15	10:00	27-Dec	1	0.01														0.00
9:15	9:45	29-Dec	1	0.002														0.00
6:45	Midnight	30-Dec	1	1.7														1.45
Midnight	21:15	31-Dec	1	2.327	?	?	31-Dec	1	?									0.00

Notes: The ? Represent for #006 issues we had with our flow meter
The ? Represent for #004 the need for a working flow meter. We will be attempting to get the flow meter back working in 2023

C.

We have had zero dry weather CSO's

D.

		Events	Volume	Rain			Events	Volume	Rain			Events	Volume	Rain
January	CSO 003	4	0.417	0.22	CSO 004					CSO 006	2	0.012	0.22	
February		14	13.342	2.1		2	See Notes	2.1	8		1.986	2.1		
March		15	17.524	3.51		1	See Notes	3.51	9		2.909	3.51		
April		4	0.138	1.42					2		0.002	1.42		
May		11	4.215	3.26		4	See Notes	3.26	7		0.663	3.26		
June		7	3.263	2.12					2		0.738	2.12		
July		9	2.295	1.43		2	See Notes	1.43						
August		7	3.294	3.79					1		See Notes	3.79		
September		0												
October		0												
November		3	1.214	0.83										
December		7	4.522	1.77					1		See Notes	1.77		
Total		81	50.224	20.45			9		10.3			32		18.19

Notes: CSO #4 meter is inoperable. It is our goal for the year of 2023 to have this back up and running
CSO #006 Meter was covered in debris causing bad readings
Rain above indicates only precipitation on the days discharges occurred

E.

There are no public access areas affected by the CSO discharges

F.

See chart under item D to see total inches of rain per month.
See chart under item B to see total inches per event that caused the overflow

G

Contact Info for the Village of Hicksville WWTP:

Superintendent: Joel Jacob
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Hicksville, Ohio 43542
Phone: 419-542-7645

H.

- 1** Provide proper operation and maintenance for the collection system and CSO's
 - (A) We complete weekly operation checks to all our lift stations. We also clean sewer lines on an as needed basis and plan on implementing a cleaning schedule as well as quarterly lift station cleaning.
CSO locations are checked on an as needed basis
- 2** Provide the maximum use of the collection system for the storage of wt weather flow prior to allowing overflows
 - (A) Should sewer lines show a lack of operation, we utilize our jet truck to fix issues and maximize its capacity
- 3** Review and modify the pretreatment program to minimize the impact of non-domestic discharges from CSO's
 - (A) We try and stay up to date on any new innovations that may help in this area.
Implementation of a cleaning schedule as well as camera work should help us identify problem areas of I&I and correct those
- 4** Maximization of flow to the POTW for treatment
 - (A) Proper process control is implemented for maximum flow to the plant.
The gate coming into the plant can also be adjusted to allow for maximum flow to the plant.
- 5** Prohibition of dry weather overflows
 - (A) We have had Zero dry weather CSO's
- 6** Controlling solid and floatable material from CSO discharge
 - (A) Currently there are no methods we are using to prevent these materials from discharging
We can look into some things for the future
- 7** Conduct required inspection, motnitoring and reporting of CSO's
 - (A) All CSO's are monitored and inspected on a regular basis and recorded when flowing
- 8** Implementation of pullution prevention programs
 - (A) Currently there are no programs in place. We have encouraged the public online as well as on bills to actively throw away and not flush items that do not break down in our system.
- 9** Implementation of public notification for CSO's
 - (A) All CSO's are made public to the town as well as the Defiance health department
- i** The village is down to only three CSO locations as of May 2023. This year we will be eliminating a large source of inflow from our Maple lane project. After completion of the Maple Lane project, we will be focusing on our Defiance avenue lift station and surrounding area project to continue with our long term control plan.
- ii** After completion of the long term control plan, we hope to reduce discharges to less than four per year.