

## Annual CSO Notification

2019

This notification is required by Ohio Environmental Protection Agency (OEPA) and is a National Pollutant Discharge Elimination System permit requirement.

Receiving waters of the Combined Sewer Overflows (CSO's) within the City of Wapakoneta is the Auglaize River.

The following is the location, date, approximate duration, measured or estimated volume and cause of each wet weather overflow per site.

### **Site Heritage Park station code #003**

4-26-19	6 hours	8.26 (MG)	Heavy rain event (HRE)
5-16-19	13.5 hours	0.778 MG	HRE
6-16-19	5 hours	1.531 MG	HRE
6-19-19	3 hours	0.8 MG	HRE

### **Site Hamilton street station code #004**

1-23-19	13 hours	7.297 million gallons (MG)	Heavy rain event (HRE)
2-7-19	11 hours	5.563 MG	HRE
2-10-19	15 hours	7.843 MG	HRE
4-19-19	39 hours	12.563 MG	HRE
4-26-19	22 hours	24.104 MG	HRE
5-16-19	10 hours	5.568 MG	HRE
6-15-19	10 hours	2.523 MG	HRE
6-17-19	7 hours	4.274 MG	HRE
6-19-19	22 hours	9.429 MG	HRE

The City experienced no dry weather CSO events in 2019.

The following data was collected at each site for 2019:

**Site - #003**

CBOD<sub>5</sub> - 82 mg/l      T.S.S. 5.0 mg/l Average flow 2.842MG

Total yearly flow 11.369MG

**Site - #004**

CBOD<sub>5</sub> – average 70.4 mg/l    T.S.S. - average 8.6 mg/l      average flow per event – 8.796 MG

Total yearly flow – 79.164 MG

Public access areas that may be impacted by CSO events is the Auglaize River.

Rainfall is recorded daily to the nearest tenth of an inch (0.01) and for every month coinciding with a CSO event a total is provided.

January 2019	2.26"
February 2019	3.85"
April 2019	8.53"
May 2019	8.26"
June 2019	6.42"

The permittee contact information is as follows:

Justin Waid

Superintendent of Waste Water Treatment

City of Wapakoneta

201 Herbstritt Court

Wapakoneta, Ohio 45895

(P) 419-738-2418 M-F 7am to 3:30pm

### Implementation of nine minimum controls by the City

1. The City is providing proper operation and maintenance of the collection system and the combined sewer overflow points. The City utilizes the Street Department for O&M of the collection system.
2. The City is providing the maximum use of the collection system for the storage of the wet weather flow prior to allowing overflows. Utilizing in-line storage with weirs placed at the CSO locations to hold as much volume as possible prior to an event occurring.
3. The City has reviewed the pretreatment program to minimize the impact of non-domestic discharges from the combined sewer overflows.
4. The City has maximized the capabilities of the Publicly Owned Treatment Works (POTW) to treat wet weather flows, and maximize the wet weather flow to the wastewater treatment plant within the limits of the plant's capabilities. For the year of 2019 the waste treatment plant utilized full design capacity for the calendar year.
5. The City closely monitors the sewers during all periods and works to not allow a prohibited dry weather overflow.
6. The City controls solid and floatable materials in the combined sewer overflow discharge by utilizing coarse bar screens at each CSO site. The City also performs at minimum monthly checks of the CSO's and cleans overflow weirs.
7. The City is conducting at minimum monthly inspections of CSO's with data collection, monitoring via SCADA system and reporting all CSO events.
8. The City has implemented pollution prevention programs that focus on reducing the level of containments in CSO's.
9. The City has implemented a public notification program for areas affected by CSO's, especially recreation areas.

In 2009 the City accepted and began implementation of the Long-Term Control Plan (LTCP). The LTCP consists of four (4) phases.

Phase 1 – Completed in 2013 included the construction of a 2.5 MG storage tank and 25 MGD pump station.

Phase 2 – Completed in 2016 consisted of the complete replacement of the existing South Interceptor. At this time as well CSO site #002 was completely sealed. With the completion of

this phase the SCADA system was updated to allow for instantaneous monitoring and data collection at the two remaining CSO sites #003 and #004.

Phase 3 – Completed in 2017 consisted of flow monitoring and evaluation of the South Interceptor project. With the results it was determined that one additional 2.5 MG storage tank will be needed to meet the requirement of fewer than 4 CSO event per year under a normal rain event.

Phase 4 – Yet to be completed or evaluated. Potential construction of the third and final 2.5 MG storage tank.

This notice will be posted on the City website at [www.wapakoneta.net](http://www.wapakoneta.net)