Annual CSO Notification

2018

This notification is required by Ohio Environmental Protection Agency (OEPA) and is an 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

4-3-18	1 hour	6.24 million gallons (MG)	Heavy rain event (HRE)

Site Hamilton street station code #004

2-22-18	3.5 hours	2.89 million gallons (MG)	Heavy rain event (HRE)
4-3-18	10 hours	2.111 MG	HRE
6-21-18	18 hours	3.734 MG	HRE
6-22-18	16 hours	2.837 MG	HRE
6-23-18	16 hours	2.837 MG	HRE
6-24-18	20 hours	0.809 MG	HRE
10-5-18	1.5 hours	0.767 MG	HRE
11-1-18	12 hours	8.361 MG	HRE
11-2-18	3 hours	0.249 MG	HRE

The City experienced no dry weather CSO events in 2018.

The following data was collected at each site for 2018:

Site - #003

CBOD$_5$ - 524 mg/l   T.S.S. 650 mg/l   Average flow ---   Total yearly flow 6.24MG

Site - #004

CBOD$_5$ – average 21 mg/l   T.S.S. - average 60 mg/l   average flow per event – 2.733 MG

Total yearly flow – 24.595 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) for every CSO event.

2-22-18	1.63"
4-3-18	2.02"
6-21-18	1.73"
6-22-18	0.43"
6-23-18	1.98"
6-24-18	0.04"
10-5-18	1.35"
11-1-18	2.71"
11-2-18	0.16"

The permittee contact information is as follows:

City of Wapakoneta WWTP

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.
2. The City is Providing the maximum use of the collection system for the storage of the wet weather flow prior to allowing overflows.
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.
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.
7. The City is conducting weekly inspections, 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 required 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