

**CITY OF WILLARD, OHIO
GREAT LAKES CSO PUBLIC NOTIFICATION PLAN**

***ANNUAL REPORT*
2018**

The City of Willard

Event No.	Date/Time at Start	Date/Time at End	Rainfall prior to start (inches)	Total Rainfall (inches)	Total CSO Volume (MG)	CBOD (Mg/L)	TSS (Mg/L)
1.	11/01/2018 9:30 PM	11/02/18 4:00PM	2.30"	2.54"	6.37MG	4.70 Mg/L	28.5 Mg/L
2.							
3.							
4.							
5.							

For reporting information all CSO discharges at the holding lagoon are reported in this annual report.

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Nine Minimum Controls Implementation Summary

1. Proper operation and maintenance for the collection system and the combined sewer overflows.

The City staff inspects all CSOs during wet weather events. The CSO lagoon level is recorded after each rain event and checked daily thereafter until the lagoon is pumped down to an elevation of 878.00 (this level is considered empty).

2. Provide maximum use of the collection system for storage of wet weather flow prior to allowing overflows.

The WWTP is used at full treatment capabilities (7.2 mgd) during wet weather. Wet weather flow over the WWTP capabilities is diverted to the CSO lagoon and then pumped to the WWTP for full treatment at a later time when the flow at the WWTP has reduced to a normal dry weather flow condition. The CSO lagoon has a storage capacity of 22.5 mg and is regulated by a fixed weir within a junction box. The weir is set at the highest elevation without causing flooding problems in the collection system.

3. Review and modify the pretreatment program to minimize the impact of nondomestic discharges from combined sewer overflows.

The City of Willard is currently revising the city's approved pretreatment program and is also in the process of revising the city's sewer use ordinance. The city has requested the CSX hold back flow during wet weather events.

4. Maximize the capabilities of the WWTP to treat wet weather flows, and maximize the wet weather flow the WWTP within the limits of the plant's capabilities.

The WWTP is an activated sludge, vertical loop reactor facility designed to treat an average daily flow of 4.5 mgd and has sustained peak full treatment capabilities of 7.2 mgd during wet weather. The WWTP staff operates the facility at peak capacity during wet weather. The WWTP made several improvements to the treatment in 2017 and will also be doing a rebuilt to one of the clarifiers this year.

5. Prohibit dry weather overflows.

The only remaining CSOs in the system are associated with the City's CSO lagoon. The facility is dewatered to the extent that the lift station is capable between uses eliminating the potential for overflows to activate during dry weather. The city will inspect previously sealed CSO outfalls yearly to verify they are still operating as designed.

6. Control Solid and floatable materials in the combined sewer overflow discharge.

Street sweeping equipment is operated on a weekly basis as the weather permits. Construction standards were changed to eliminate the open curb inlet in catch basins. The City also has a leaf and brush pick-up program. A screen and swirl grit concentrator are installed ahead of the CSO lagoon.

7. Conduct required inspections, monitoring and reporting of CSOs.

The CSO lagoon level and overflow structure are monitored daily during wet weather situations. A flow meter has been installed to record the overflow amount. A security camera has been installed so the WWTP staff can view the lagoon level vs lagoon overflow to help insure that the lagoon do not overflow.

8. Implement pollution prevention programs that focus on reducing the level of contaminants in CSOs.

The City currently has the following pollution prevention programs: city-wide trash collection, street sweeper program, city-wide leaf pickup and waste reduction program through a city recycling program for residents. The city is currently in the process of revising the sewer use ordinance including the pretreatment section of the ordinance.

9. Implement a public notification program for areas affected by CSOs, especially beach and recreation areas.

Signs are posted at the locations of all CSOs. The city has developed a public notification plan to comply with the new federal rule for public notification requirements for combined sewer overflows to the Great Lakes Basin.