



TOWN OF WAKARUSA

2018

ANNUAL CSO NOTICE

Compiled annual data pursuant to 40 CFR Part 122.38(b)

Town of Wakarusa
2018
Annual CSO Notice
40 CFR Part 122.38(b)

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1. Description of the Location and Receiving Water for CSOs

Table 1.1 lists the location and receiving stream of each Combined Sewer Overflow (CSO). In addition, these location are graphically represented on a map in Figure 1.1

**Table 1.1
Permitted CSO Locations**

Outfall	Location	Latitude	Longitude	Receiving Water
002	29581 CR40	41° 32' 14.6" N	86° 01' 55.9" W	Werntz Ditch
004	N. Olive Street	41° 32' 17" N	86° 01' 21.2" W	Werntz Ditch
005	Sycamore & Olive Streets	41° 32' 17" N	86° 01' 18.5" W	Werntz Ditch
006	Elkhart & Sycamore Streets	41° 32' 16.3" N	86° 01' 12.7" W	Werntz Ditch

2. Documentation of CSO Volume and Duration

Table 2.1 Summarizes CSO volume and duration for each occurrence during the year.

3. Documentation of Dry Weather CSO Volume and Duration

During 2018, no Dry Weather Overflow occurred.

4. CSO Monitoring Data

CSO volume and duration is quantified through a calibrated SWMM model. Other monitoring is not conducted.

5. Description of Potentially-impacted Public Access Areas

There are no public access points on the Werntz Ditch.

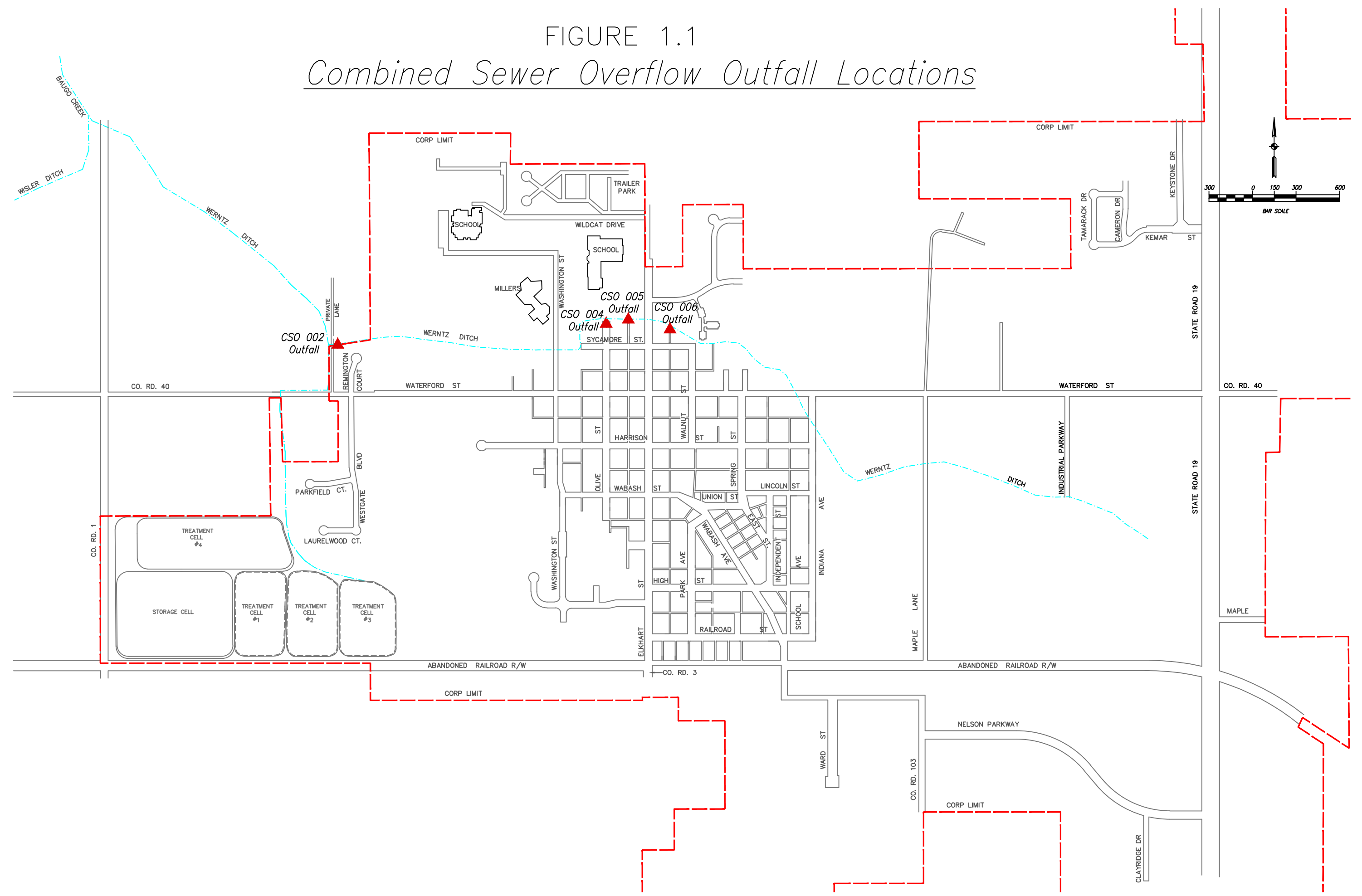
6. Precipitation Data

All precipitation data that resulted in a CSO is documented in Table 2.1

7. Permittee Contact Information

Town of Wakarusa
100 West Waterford
P.O. Box 474
Wakarusa, IN 46573
(574) 862-2245

FIGURE 1.1
Combined Sewer Overflow Outfall Locations



8. Nine Minimum Controls Summary

NMC #1: Proper Operation and Maintenance

The Wakarusa Maintenance Department has 4 employees, a trailer mounted high velocity pressure water jetting unit, several utility vehicles including a backhoe, and a cement mixer trailer to perform various duties. There are over 48,000 feet of sewers in Wakarusa. Approximately 1/3 of the sewers are cleaned annually.

The Town has a collection system map drawn to scale showing all separate, combined and storm sewers with sewer sizes, length, slope, material, direction of flow, interceptors, manhole location and elevations, catch basins, pump stations, CSO locations, and the WWTP.

NMC #2: Maximum Use of the Collection System for Storage

The Town has modified CSO diversion structures to provide additional in-system storage and additional hydraulic capacity in the Interceptor.

NMC #3: Review/Modification of Pretreatment Program

The purpose of the Wakarusa Industrial Pretreatment Program is to prevent pollutants from being introduced into the sewer system that may be discharged through a CSO during wet weather or may interfere with plant operations and to prevent pollutants that cannot be treated from passing through the plant and into the environment. All permitted industries are required to monitor and reduce the amount of pollutants being discharged into the town sewer system before entering the wastewater plant.

The pretreatment program currently employs one pretreatment coordinator and one pretreatment assistant. Pretreatment duties consist of, but are not limited to the following:

- Permitting and Classification
- Self-monitoring and IU Submission
- Pretreatment Monitoring
- Inspection and Analysis
- Compliance and Enforcement

The Town currently has no permitted Significant Industrial Users and several non-permitted industries that are routinely monitored and inspected.

NMC #4: Maximization of Flow to the WWTP

Flow maximization through the wastewater treatment plant is an important element of Wakarusa's CSO LTCP. The hydraulic capacity of the permitted controlled discharge waste stabilization lagoon facility is 0.5 MGD. Flow is pumped to the facility from Pump Station No. 1, which is a dual pump facility. The peak pumping capacity of the station is 1.2 MGD, which occurs during wet weather events.

NMC #5: Prohibition of Dry Weather Overflows

Dry weather overflows are self-reported to IDEM and kept on file at the Town. CSOs structures are inspected weekly for evidence of dry weather overflows, debris, or anything out of the ordinary. CSOs that show evidence of unusual flow are inspected more frequently.

The Town did not experience any Dry Weather Overflows in 2018.

NMC #6: Control of Solids and Floatables

The following activities comprise the NMC #6 activities in Wakarusa:

- Street Cleaning – The Town operates a street cleaning program, with cleaning conducted approximately 9 months out of the year. A complete cycle is made throughout the town every 9 to 11 days.
- Leaf Removal Program – The Town limits the amount of litter and debris that enters the collection system by operating a leaf and yard waste collection program with weekly pickup through each fall and spring.

NMC #7 – Pollution Prevention

Wakarusa is dedicated to a pollution prevention program to reduce contaminants to the Werntz Ditch. The programs described in NMC #6 are pollution prevention programs. A public education program has been implemented that utilizes the Town’s website and includes information on CSOs.

NMC #8 – Public Notification

In accordance with Federal Law 40 CFR 122.38 (c), Wakarusa operates a CSO notification program. The program provides an initial notification of a CSO event within four (4) hours of becoming aware of an overflow, and a supplemental notice within seven (7) days of the event that provides an estimated CSO volume and estimated start and stop times. Notices are posted on the Town web site at <https://townofwakarusa.com/wakarusa-news/>

NMC #9 – Monitoring

The purpose of Wakarusa’s monitoring program is to characterize CSO impacts and record rainfall data to estimate CSO frequency, volumes and durations to complete the CSO Monthly Report of Operations (MRO). CSO structures are inspected weekly to ensure that there are no instances of dry weather overflows or other impending issues. Dry weather overflows are a very rare occurrence in Wakarusa.

8. (a) Implementation Status of LTCP

The current status of the Implementation of the LTCP is summarized in Table 5.1

**Wakarusa, Indiana
CSO Long Term Control Plan
Implementaion Schedule for CSO Controls
Table 5.1**

Project		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Wabash Street Storm Sewer Extension	Design									X															
	Construction										X														
Olive/Sycamore Street Storm Sewer Extension	Construction			X																					
Spring Street Storm Sewer Extension	Design						X																		
	Construction							X																	
	PMCP Report							X																	
Completion of Sewer Seperation Projects Report	Report											X													
SRF Application	Application																X								
Preliminary Engineering Report	Report																X								
Off-Line Storage Farm Field	Design																X								
	Construction																	X	X						
Post Construction Monitoring	Report																								X

Revised January 2019