

**VILLAGE OF MONROEVILLE, OHIO
COMBINED SEWER OVERFLOW PUBLIC NOTIFICATION**

**ANNUAL REPORT
2022**

**The Village of Monroeville
Wastewater Collection System**

| 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. N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

There were no CSO discharges for the calendar year 2022.

For reporting information, all CSO discharges will be documented in this annual report.

The CSO Outfall is located next to the WWTP Final discharge point at the West Branch of the Huron River

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Nine Minimum Controls Implementation Summary

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

The Village provides proper operation and maintenance of the collection system. The Combined sewer Overflow is monitored and is essentially operation and maintenance free.

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

It was determined that there is no practical way of increasing wet weather storage within the collection system. Sewers were sized to maintain velocities and cannot store significant quantities of water without causing basement sewer backups.

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

There are very few significant industrial discharges located within the Village of Monroeville. Our program is ongoing and updated as changes occur.

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

It was determined that there is no practical way of increasing wet weather storage within the collection system. Sewers were sized to maintain velocities and cannot store significant quantities of water without causing basement sewer backups.

The plant operates at maximum peak capacity during high flow periods. The influent pump station prevents plant overload. Increasing flow to the plant would likely cause more impact to the environment due to the ineffective treatment of flows beyond the peak design and the time it would take for the plant to recover from "washout".

5. Prohibit dry weather overflows.

There are no bypasses from the CSO, @MH ahead of plant on Hamilton Street during dry weather unless there is a collection system failure.

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

Floatable materials and solid materials are generally not an issue in Monroeville. The amount of litter in the Village is minimal. Periodically maintenance personnel inspect the overflow structures and outlet to ensure that solid's depositing will not affect system performance.

Nine Minimum Controls Implementation Summary Cont'd

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

The Village initiated a Preliminary Sanitary Sewer Flow Monitoring Program. Various manholes in the Village system were identified as key junctions that divided the system into several distinct basins. The depths of flow in the manholes have been monitored to determine which basins or branches of the sewer system exhibit the most significant increase in flow depths during significant rainfall events. By monitoring rainfall, pump station flows, as well as smoke testing and camera inspection of sewers, we are able to track the effectiveness of our efforts and modify future planning activities.

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

The Village is subject to Storm Water Rules which address pollution prevention and public education. The Village will incorporate stormwater and wastewater pollution prevention with the same program.

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

A sign is located at the outfall of the CSO. The Village has a public notification plan which complies with the new federal rule on public notification of Combined Sewer Overflows to the Great Lakes Basin.

The Village has met all of our milestones to fulfill our Long Term Control Plan, the replacement of our West Broad Street Sanitary sewer main, has been completed and our Industrial Park Lift Station rehabilitation has been completed also. With completion of these projects, The Village anticipates being able to maintain "Zero" Combined Sewer Overflow events.