

catch basins throughout the Village. Choice One Engineering is currently in the process of updating this base map as funding becomes available. The most recent base map revision has been included in the Appendix of this report.

Long-Term Control Plan Development and Implementation

The most efficient method of eliminating the CSS is for the Village of Fort Recovery to develop and implement a Long-Term Control Plan. Over the years, the Village has been proactive in eliminating their CSS by separating the sewers on all new and reconstructed streets and increasing the capacity of pump stations. While the separation of the CSS in specific locations throughout the Village is beneficial to those areas directly, it does not totally eliminate the problem. Total separation of the CSS can only be accomplished by diverting the flow of the interceptor lines to the WWTF. The sheer magnitude of flow at these locations does not or will not ever allow this to happen without major reconstruction of the entire CSS. The Village is currently developing a tentative separation schedule in hopes of completing this task in a reasonable time frame. Details of the separation plan and time frame will be outlined in the Village Long-Term Control Plan. In the meantime, the Combined Sewer System Operational Plan will serve to operate and maintain the CSS by documenting and analyzing the results of the regular maintenance routines of all CSOs, manholes, pump stations, and catch basins until separation of the system is complete.

CSS Characterization

The primary goal for the Village of Fort Recovery is to eliminate the CSS so it does not negatively impact the water quality of the receiving stream, the Wabash River. The Village plans to completely separate the two collection systems as opposed to controlling the frequency of overflows for the life of the system. The intent of the monitoring program and CSS characterization is to define the operations of the CSS and to ensure that the system is being maintained to the maximum extent possible. Monitoring will be accomplished through the Combined Sewer System Operational Plan completed by the Poggemeyer Design Group, Inc. in August of 2000. The Combined Sewer System Operational Plan states that "Monitoring as part of the nine minimum controls is not intended to be extensive or costly. Implementation is expected to entail collection of existing and new information from relevant sources. The information and data collected will be used to establish a baseline of existing conditions for evaluating the efficacy of the technology based controls and to develop the long-term control plan"¹. The characterization portion of this report will help the Village develop a better understanding of the CSS and how it responds to rain events by identifying CSS drainage areas and the frequency and volume of overflows through evaluation of available sewer records and field evaluations. The characterization also helps to identify and control any potential sources of toxic and hazardous pollutants from industrial areas as well as locate any deficiencies within the system by identifying areas which have required regular maintenance over the years.

Existing System

The Village currently owns and maintains its own water and WWTF. All facilities are located within public rights-of-way and/or publicly-owned lots within the Village

¹ Poggemeyer Design Group, Inc., *Fort Recovery Combined Sewer System Operational Plan*, 2.