

CITY OF BELLEVILLE  
COMBINED SEWER OVERFLOW  
LONG TERM CONTROL PLAN

The City of Belleville continues to update its wastewater treatment system so that the most up to date improvements are in place and consistent with the goals of the Federal Clean Water Act of 1972. During the long history of sanitary sewer treatment in the City of Belleville, many health issues such as wide spread illness have been avoided.

The Long Term Control Plan (LTCP) for Combined Sewer Overflows (CSO) addresses the 100 plus years of combined sewers in the City. Sewers used to be constructed for both sanitary flow and rainwater flow. One pipe carried both flows to the treatment plant. The problem comes when the rain water flow is too great for the pipe to handle and the flow spills out into the nearby streams, lakes or rivers. This overflow has been referred to as CSO.

Combined Sewer Overflow is exactly what this plan is meant to eliminate for the continued health and clean water for the City of Belleville and communities downstream of the City. In order to make this plan work a lot of engineering and operational problems need to be studied. As the flow gets greater due to the elimination of the overflows the treatment plant must be made larger with a more efficient treatment method used to handle this increase in demand.

The City has committed it's self to these improvements by submitting the plan to the Illinois Environmental Protection Agency and has received the approval for the listed improvements below. The City will accomplish each milestone listed below from the year 2008 to the year 2023. During this 15 year span flow studies will be conducted, design problems worked into contractual plans and construction firms will bid on the price each phase will demand to be completed. As the contracts are awarded to construction firms deadlines for completion will be in force. The City must complete these projects by the final date to be in compliance with it's National Pollutant Discharge Elimination System (NPDES), permit. This permit can be viewed as a direct order due to the Clean Water Act and the IEPA. It is enforceable and is already in place. Deadlines and milestones must be met by the end dates listed below.

Currently 13 CSO locations discharge during heavy flows. These improvements will reduce this number to 2 or less. The approximate total cost is \$88,000,000.00. This cost will be paid through various financial instruments such as user rates, low interest loans and other funding available to the City of Belleville.