

**CITY OF DELPHOS, ALLEN COUNTY  
WET WEATHER WORKGROUP MEETING  
OCTOBER 28, 2003  
RIFFE CENTER, CONFERENCE ROOM 1938**

**Background:**

The City of Delphos (pop. 6,944) is located on the border of Allen and Van Wert Counties in Northwest Ohio. The Delphos Wastewater Treatment Plant has an average design flow of 3.83 MGD with a peak flow of 7.0 MGD. Existing sewers in the City are approximately 65% combined with 6 CSOs which discharge to Flat Fork and Jennings Creeks and an influent bypass at the wastewater treatment plant which discharges to Jennings Creek. Delphos completed a CSO abatement project in 1995 which included construction of two equalization ponds and two interceptor sewers to collect, store and treat first flush flows.

Ohio EPA recently completed enforcement negotiations with the City of Delphos for effluent violations, schedule of compliance violations and pretreatment program violations. Findings and Orders require the City to evaluate and revise local limits and to submit a General Plan to achieve compliance with NPDES permit final table limits within 32 months.

On August 1, 2003, the City submitted a "Wastewater Compliance Plan" which combined the General Plan and CSO Long Term Control Plan into one document. Delphos is proposing to construct a new wastewater treatment plant to achieve compliance with effluent limits; and to collect and treat additional flow as the means for CSO long term control.

The Wastewater Compliance Plan was prepared by Poggemeyer Design Group however, the City has hired Floyd Browne Associates to design WWTP improvements and represent the City during this Wet Weather Workgroup Meeting.

**Long Term Controls:**

As part of the Long Term Control Plan, the City evaluated sewer separation and transport, store and treat options. Due to cost factors, Delphos chose transport, store and treat for long term CSO controls.

The City selected the presumptive approach (85% capture & no more than 4 CSO events per year) to establish design standards for collection, retention and treatment. They propose to construct a new wastewater treatment plant with an average design flow of 3.83 MGD and peak daily flow of 19.15 MGD. Total storage and treatment capacity is 25.47 MGD, which is intended to provide complete treatment for a 10 year, 1 hour storm.