

Zionsville Waste Water Department
December 2010 Summary
And Year-end Report

- The Waste Water Plant treated a total of 361 million gallons this year. This averages out to 990,000 gallons per day and represents a decrease of 61,500 gallons per day from the previous year. We recorded a total of 38.8 inches of precipitation this year compared to 46.2 inches for the previous year.
- The yearly average removal efficiency of the treatment plant in regards to Total Suspended Solids has remained steady at 97%. Removal of BOD improved from 98% to 98.5% this year. Ammonia removal was up slightly from 99.2% to 99.5% and the removal of phosphorous improved from 86.8% to 87.6%.
- The wastewater department had no violations of its operating permit this past year compared to five in 2009 and six in 2008.
- Since establishing the yearly sewer rehabilitation program back in 2002, we have repaired and/or replaced 24,200 lineal feet of sanitary sewers. This program outlines sewer projects scheduled through the year 2012. This last year's project consisted of relining 3,180 lineal feet of 8, 10, 12, and 15-inch clay sewers located on Hawthorne, Fourth, and Sycamore Streets. In addition to the sewer relining, seven manholes were rehabilitated within the project area.
- Construction began in 2010, and is nearly complete, for the Zionsville Road Sewer Project. This project consists of a combination of both gravity and forced main sewers within the newly annexed area east of Zionsville Road and south of 106th Street. Also included was the installation of a small diameter force main to serve a recently annexed area on the west side of Michigan Road and south of Templin Road. Through the efforts of the Town Manager and Town Council, the Town obtained partial financing from the State in the form of a forgivable loan with the balance of the project paid through TIF district funds.
- The Town requested RFP submittals for the development of a new Sanitary Sewer Master Plan for the reorganized Town of Zionsville in 2010. After the review of numerous submittals, Commonwealth Engineers was chosen as the consultant for this project. The study is ongoing and expected to conclude in the spring of this year.
- Assistance was provided to Umbaugh and Associates in the development of a sanitary sewer rate study during 2010. The Council adopted both the new sewer rate, and accompanying bond ordinance, on September 7.
- And finally, costs for the Waste Water Department have been monitored and contained within the approved operating budget for 2010.

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