

ERIE COUNTY
DEPARTMENT OF ENVIRONMENTAL SERVICES
BI-MONTHLY REPORT
July 24, 2014

WASTEWATER PROJECTS

Bay View Sewer Project – Erie County is pursuing the construction of a sanitary sewer system to service the Village of Bay View. The Health Department has determined bacteria pollution in the waters surrounding Bay View attributed to failing on-site wastewater systems in Bay View and surrounding areas which contributes to the Lake Erie algae issue. Poggemeyer Design Group (PDG) did a study in 1999 of how best to provide a public sanitary sewer system for Bay View, Crystal Rock and Whites Landing areas. The Health Department had PDG update the study. The study proposes a central gravity sewer collection system pumping the Village wastewater to Sandusky for conveyance and treatment to the Sandusky Wastewater Plant. The estimated cost for the Bay View Collection System is now estimated to be \$7 million. The County under a Sewer Service Agreement with Bay View will own, operate and maintain this system.

The City of Sandusky and Erie County approved on October 4, 2012 a Sewer Service Agreement Amendment to allow Erie County to connect to city's thirty inch (30") diameter sanitary sewer located at the intersection of Venice Road and Thorpe Drive with the new Bay View wastewater forcemain. We will need to submit construction drawings to City of Sandusky for approval.

Sources of funds for this project include: U.S. STAG Grant-\$500,000; OEPA Grant-\$25,000; CDBG W&S Grant-\$500,000; OPWC Credit Enhancement-\$10,000; USDA Rural Development Grant-\$2,911,900; USDA Rural Development Loan-\$3,035,000; Erie County Sewer Funds-\$26,600; all totaling \$7M. USDA funds and CDBG Grants have not yet been secured; we hope to hear from USDA soon.

Huron Sewer Rehabilitation Project-2014 – Erie County has received a 50% OPWC Grant not to exceed \$233,582 towards the estimated cost of \$467,164 for lining sewers and manholes in three separate locations in the Huron Sewer system. These areas consist of: (1) along Lake Erie shore between Pittsburgh St to Canton St; (2) south part of Huron Lagoons on Riverside and Wheeler Drive areas; and (3) sewer line connecting between Chaska Beach and Beachwood Subdivision. Bid opening for this project is scheduled for August 7, 2014.

Mittawanga Infiltration/Inflow Study – Erie County is required under Ohio EPA Mittawanga Wastewater Plant Permit to perform an Infiltration/Inflow (I/I) Study of the Mittawanga sewer system to determine how much surface and ground water is entering the sewers, using up sewer and plant capacity during wet weather. Erie County rented to flow meters and had them installed for 3 months measuring sewer flow. The Study was completed and submitted to EPA May 2014. Next Erie County will further study how water surface and ground water is entering the sewer system by smoke testing, and closed circuit video monitoring the sewer system, followed by possible sewer improvements to reduce the I/I. All work needs to be completed by end of the permit, which is March 31, 2017.

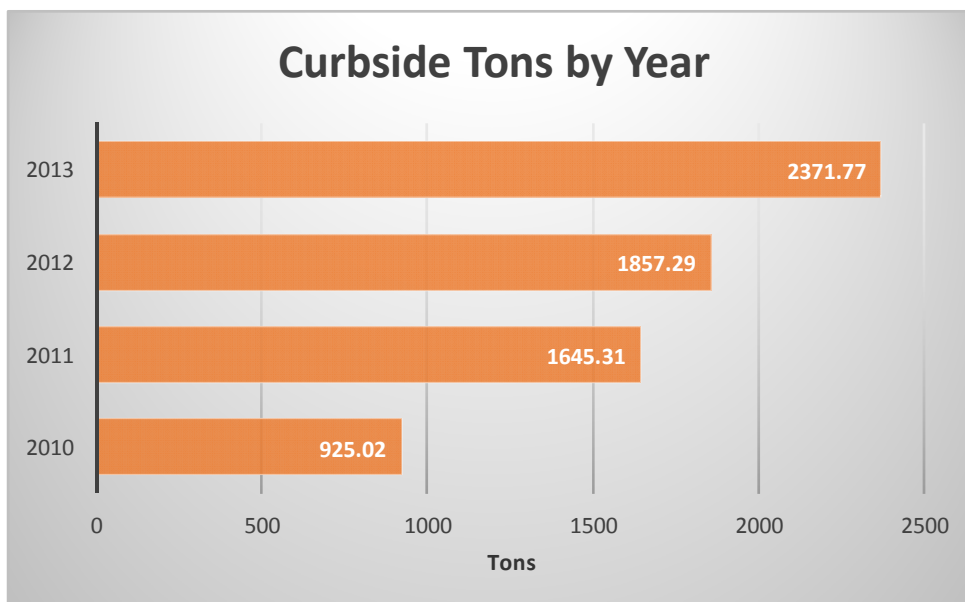
WATER PROJECTS

Huron Rye Beach Road Water Booster Pump Station – Erie County has hired Poggemeyer Design Group to provide professional services for the installation of a new Huron water connection with booster pump station to increase pressure in the Boos Road water line to provide improved fire protection to BGSU Fireland's Campus and surrounding service area. Estimated construction cost is \$400,000. Schedule is to be installed and in operation by end of 2014.

SOLID WASTE, RECYCLING & LITTER PREVENTION

2013 Recycling Statistics Summary

- Electronics Collection – an ongoing program operated by the Volunteer Center of Erie County has collected 18.98 tons, which is a 54% increase over 2012.
- Household Hazardous Waste HHW Collection Tons has been decreasing since 2011. In 2011, the District began collecting HHW from June-October once a month. This has helped both the District and the residents.
- Battery Recycling Program collected 7,550 pounds in 2013.
- The District statistics show that the drop-off recycling locations including those operated by the communities have decreased by 292.60 tons from 2012 to 2013.
- Curbside recycling has increased 504.40 tons from 2012 to 2013 and program growth from 2010 is shown below:



Overall, the District and community recycling tonnages are up 5% from 2012 statistics.

The District completed the Annual District Report ADR for Ohio EPA, which shows that the District is in compliance with the State Solid Waste Management Plan. The ADR specifically shows compliance with Goal #2 – Waste Reduction and Recycling Rates. The District must show 25% recycling rates for Residential/Commercial Sector and 66% recycling rates for the Industrial Sector or a combined recycling rate of 50%. The District has a Residential/Commercial recycling rate of 25%, Industrial recycling rate of 92%, and a combined recycling rate of 61%.

The District is in the process of updating the Erie County Solid Waste Management District Plan, which is due to Ohio EPA September 2015. The District sent out a RFQ for Consulting Services to develop an RFP for a countywide curbside program to include trash, recycling and optional yard waste. The District will be moving forward with public meetings to address the needs of each community.