

Notice of Intent to Issue a Categorical Exclusion

In accordance with the Illinois Environmental Protection Agency (IEPA) Loan Rules, Title 35, Subtitle F, Chapter II, Part 365.530 (State Environmental Review), the IEPA has determined that the proposed project, described below, may be excluded from a detailed environmental impacts review. The Agency may categorically exclude certain types of projects from environmental review if no potential for negative environmental impacts exists.

This report is based on information submitted to the IEPA by the City of Belleville. Sources of information include the following documents: the March 15, 2012, Belleville, East Creek Watershed, Inflow and Infiltration (I&I)/ Stormwater study, prepared by TWM; the August, 2015, City of Belleville B Street Pump Station Improvements facilities plan information, with September 28, 2015 transmittal letter; and the April 11, 2016 response, with attachments, to the IEPA's March, 23, 2016 Facility Plan Review letter, which were prepared by Crawford, Murphy & Tilly, Inc.

Part I – Project Information

Loan Applicant: City of Belleville

Project Number: L175354

Project Name: East B Street storm water pump station

County: St. Clair

Current Population Served: 44,478

Future Population (20 year): 44,478

Design Average Flow: Not applicable

Design Maximum Flow: Not Applicable

Project Description: The project consists of pump station improvements, which include: removal of existing pump station equipment; installation of new pumps, motors, valves, piping, fittings; miscellaneous structural, heating, ventilation, air-conditioning and electrical repairs or replacements; a new emergency electrical generator; and construction site restoration.

Project Location: Construction will occur within the site boundaries of the East B Street pump station, that is located at 1199 and 1200 East B Street in Belleville, Illinois. See the attached project location maps.

Project Justification: The East B Street storm water pump station was constructed in 1964 and has not received a major upgrade since construction. The identified equipment and structures have deteriorated, are in poor condition, and have reached the end of their useful service design life span. Rehabilitation and/or replacement are necessary to allow continued safe and efficient stormwater pumping that will prevent flooding, which contributes to combined sewer overflows (CSOs) from the Belleville wastewater collection system. This project is one of several proposed drainage improvements identified in the March 15, 2012, Belleville, East Creek Watershed, I&I/Storm Water Study report. This project is also listed as a required action item in Special Condition number 15, Part H of the City of Belleville – Plant #1-STP NPDES Permit No. IL0021873 and the Compliance Commitment Schedule.

Estimated Construction Start Date: October, 2016

Estimated Construction Completion Date: June, 2017

Project Cost Estimate:

Construction	\$1,156,000
Contingency (10%)	\$115,600
Design Engineering	\$115,000
Construction Engineering	\$35,950
<u>Total Project</u>	<u>\$1,422,550</u>

Part II – Project Affordability for Residents and Utility Customers

The applicant is proposing to finance the project costs with a loan from the IEPA Water Pollution Control Loan Program (WPCLP). A \$1,422,550 loan, with an estimated interest rate of 1.86%, for a twenty (20) year period, would have an annual repayment of approximately \$85,230.

Source of Loan Repayment: The City of Belleville proposes to repay the loan with the existing sewer user charge revenue. On December 2, 2013, the City of Belleville passed Ordinance No. 7732, which increases their sewer charges and rates by 8% each year until the year 2026, and then by 1% each year until the year 2046. These sewer charge and rate increases are intended to pay for necessary sewer collection and treatment system improvements and a portion of the sewer service revenue will be used to pay for this project.

Current Average Monthly Residential Cost of Service: An average residential customer of the Belleville wastewater system who uses eight (8) 100 cubic feet units of water per month currently pays \$38.50 per month for sewer service. 100 cubic feet of water is equivalent to 748 gallons.

How is the monthly residential rate/cost of service calculated? Belleville's current 2016 residential sewer user charge system is based on a monthly minimum charge of \$6.94, plus a volume charge per 100 cubic feet (748 gallons) unit of water metered. The rate for 1-3 units is \$3.47 per unit. The rate for 4-16 units is \$4.23. For an average residential user who uses 8 units (5,984 gallons), this calculates to: $\$6.94 + 3 \times \$3.47 + 5 \times \$4.23 = \$38.50/\text{month}$. Customers who are commercial or outside the City limits pay different sewer rates.

Projected Average Monthly Residential Cost of Service: At the end of the twenty-year loan repayment period, in the year 2036, if the ordinance increases are added to the current average sewer user charge, an 8-unit per month sewer customer would pay \$92.06 per month for sewer service.

Number of Customers or Service Connections: The Belleville wastewater treatment system serves a total population of approximately 44,478. There are approximately 17,000 customers that are billed for sewer service each month.

Median Household Income (MHI): The MHI for Belleville is \$46,558.

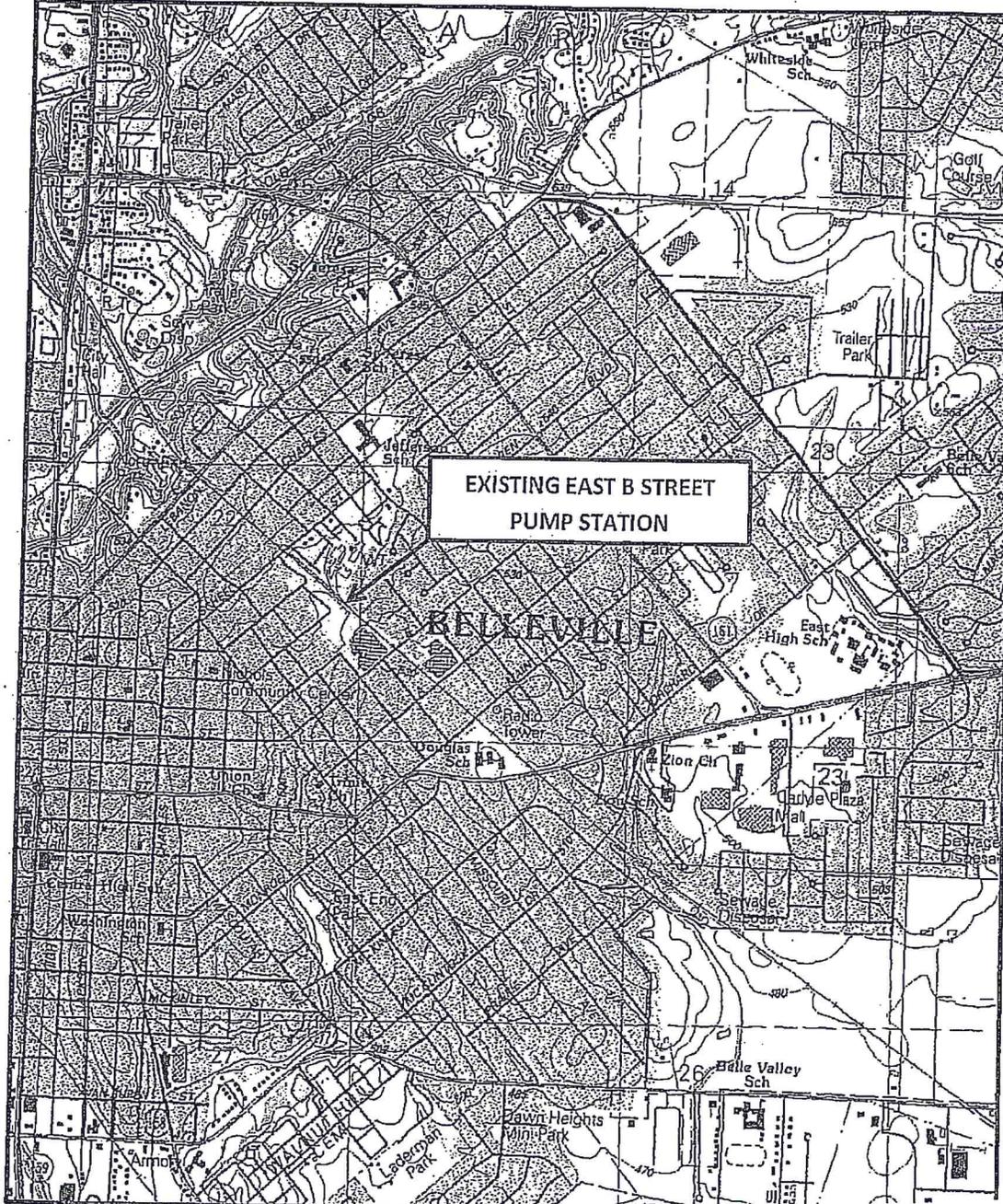
Financial Impact of the proposed project: In order to determine the financial impact of the proposed project on the community, a percentage comparison of the MHI to the annual cost for water service is utilized. According to the most recent census information, the average MHI for Belleville is \$46,558. The current annual sewer service cost of \$462, is 0.99 % of the Belleville MHI. At the end of the loan repayment period in the year 2036, the projected total annual sewer service cost of \$1,104.72, is 2.37 % of the MHI for the area. Any amount less than 2.0 percent is considered to be affordable under State and Federal loan program criteria. Although the projected sewer rate for the year 2036 would be considered unaffordable when compared to the 2016 MHI, the MHI will likely also increase during the 20 year loan repayment period.

Public comments are invited on the proposed project. For further information contact:

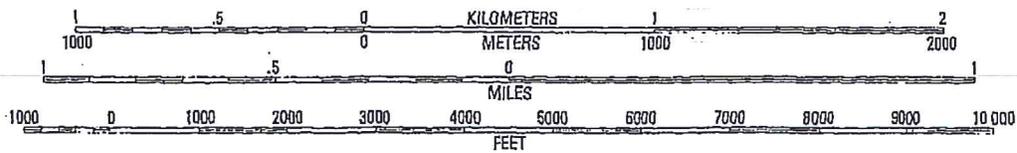
Chris Nifong, Project Manager
Bureau of Water, IFAS
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

(217) 782-2027

ATTACHMENT A
PROJECT LOCATION MAP



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Adapted from O'Fallon, Illinois 7-1/2° USGS Quad Map, 1991

ATTACHMENT B
PROJECT LOCATION MAP

