



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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OCT 4 2 2016

Project Summary and Preliminary Environmental Impacts Determination

Date: OCT 18 2016

Loan Applicant: Roselle

IEPA Loan Project Numbers: L175418, L175419, L175420, L175421, L175422, and L175423

To all interested persons:

Section 365.530 of the Illinois Procedures for Issuing Loans From the Water Pollution Control Loan Program requires that the Illinois Environmental Protection Agency (IEPA) conduct an assessment of the environmental impacts of proposed wastewater projects to be funded with loans. This review is carried out in conjunction with the State's review of the applicant's facilities plan.

Prior to final approval of the facilities plan, the public's comments are sought regarding environmental impacts of the proposed project. Unless new information obtained through the public comment process causes reconsideration, the Agency will approve the facilities plan at the close of the public comment period.

The applicant will make the attached Project Summary and Preliminary Environmental Impacts Determination (PEID) available for public inspection. Within 60 days of receiving this letter, the applicant must conduct a public hearing regarding both the PEID and facilities planning. Advertisement of the hearing must be made at least 10 days in advance. The advertisement must include the purpose of the project along with the date, time, and location of the hearing. A comment period of at least 10 days shall be provided after the hearing in which written comments may be submitted to the loan applicant or to the IEPA contact period identified in the attached document.

For information purposes only, a copy of this document is being provided to your local newspaper.

Your participation in this process is appreciated.

Sincerely,

Gary Bingenheimer, P.E.
Pre-Construction Unit Manager
Infrastructure Financial Assistance Section
Bureau of Water

GB:BJ:Tm16100501

Attachment

Project Summary and Preliminary Environmental Impacts Determination (PEID)

Information in this report was obtained, in part, from the following source: Village of Roselle, IEPA Loan Facility Plan written by RHMG Engineers, Inc., dated May 2016. Additional documentation was obtained from loan application documents and compiled by the Illinois Environmental Protection Agency (IEPA).

Part I – Applicant and Project Information

Loan Applicant: Village of Roselle

Project Name: IEPA Loan Facility Plan

County: DuPage

Project Loan Numbers: L175418, L175419, L175420, L175421, L175422, & L175423

Current Population: 23,242

Future Population (30 years): 31,476

Project Descriptions: The project consists of multiple phases of construction. L175418 consists of the combining of the Jewel lift station with the Ventura lift station, along with the relocation of the Ventura lift station generator to the Spring Street lift station. Project L175419 consists of upgrades to the Devlin wastewater treatment plant (WWTP) and the removal of the influent pump station FOG system at the Botterman WWTP. L175420 will see the influent pump station undergo screen improvements at the Devlin WWTP. L175421 will occur at the Botterman WWTP and will consist of upgrades to the digesters and belt filter press. L175422 is the pump replacement at the Lincoln Street lift station along with the conversion of the Kennedy lift station to a submersible lift station. Lastly, L175423 is a project which will upgrade the oxidation ditch aerators at the Botterman WWTP.

Project Locations: See attached maps.

Project Justifications: The Village of Roselle owns and operates a sanitary sewer collection system along with two WWTPs. The Village has a regular maintenance plan where older, worn out parts are replaced on a regular basis but the collection system and both WWTPs are in need of a larger scaled construction project. Construction projects at the Devlin and Botterman WWTPs are minor upgrades which will help to make them run more efficiently. The lift station repairs/consolidations will allow the collection system to operate as planned and provide a backup power source should one be needed.

<u>Project</u>	<u>Start Construction</u>	<u>Complete Construction</u>	<u>Cost Estimate</u>
L175418	May 2017	December 2017	\$1,547,000
L175419	July 2017	November 2017	\$1,263,000
L175420	November 2017	December 2018	\$9,942,000
L175421	March 2018	November 2018	\$2,720,000
L175422	April 2020	November 2020	\$1,395,000
L175423	July 2020	September 2020	\$481,000

Part II – Project Affordability for Residents and Utility Customers

The applicant is proposing to finance the project costs with multiple loans from the Water Pollution Control Loan Program (WPCLP). Annual repayments on WPCLP loans totaling \$17,348,000 at an estimated interest rate of 2.5% for a term of twenty (20) years are \$1,108,000.

Source of Loan Repayment:

The Village of Roselle intends to increase wastewater user fees on each household within the community to help cover the repayment costs of the loan, as well as operation, maintenance and replacement costs for the system.

Current Average Monthly Residential Cost of Service: \$46.17

Projected Average Monthly Residential Cost of Service: \$69.66

Average Monthly Residential Water Use: 5,400 gallons (from water bill usage data)

How the current and proposed monthly residential rate/cost of service is calculated:

Current monthly charges: \$0.00855 per gallon (includes Capital Improvements Surcharge) X 5,400 gallons (average monthly use of customer) = \$46.17 per month average use

Proposed monthly charges include: \$0.0129 per gallon (includes Capital Improvements Surcharge) X 5,400 gallons (average monthly use of customer) = \$69.66 per month average use

Number of Customers or Service Connections: 8,076

Median Household Income (MHI): \$77,071

Percentage of MHI needed to pay the projected average annual residential cost of service: 1.08%

Annual Cost of Service/MHI is an affordability ratio used by IEPA. If less than 2% of the MHI is required to pay residential user rates, the project is generally considered affordable by IEPA standards.

Part III – Environmental Review and Impacts

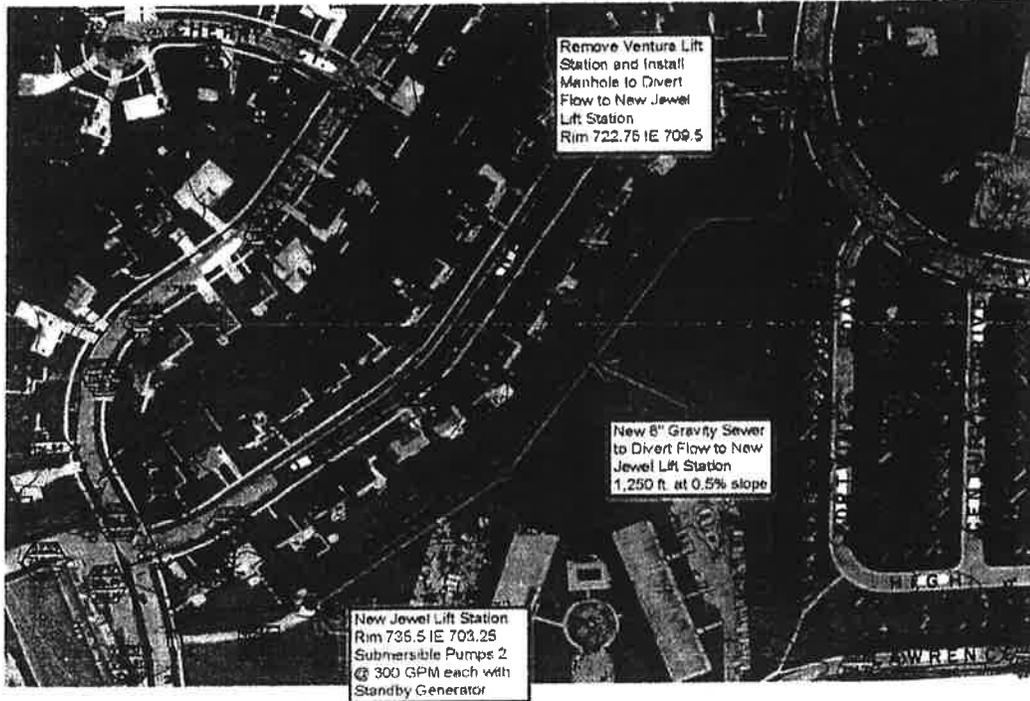
The project has been reviewed by the IL Historic Preservation Agency (IHPA) for compliance with the National Historic Preservation Act, Section 106. IHPA's review indicated that negative impacts to historical or archaeological resources are not expected as a result of this project. The project was also reviewed by the Illinois Department of Natural Resources (IDNR) to determine compliance with the IL Endangered Species Act, IL Natural Areas Preservation Act, and the IL Wetlands Act. IDNR's review found that adverse impact to rare or endangered species of animals and plants; natural areas; nature preserves; or wetlands are unlikely.

No construction will occur at or near a body of water that will require a review/sign-off from the U.S. Army Corps of Engineers

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

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Illinois Environmental Protection Agency
Bureau of Water
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*Village of Roselle
Proposed Re-Routing of Ventura Lift Station to Jewel Lift Station*