

Project Summary and Preliminary Environmental Impacts Determination

The following project summary and environmental assessment has been prepared by the IEPA to assist the loan applicant in complying with the public notice requirements. This report is based on information submitted to the IEPA by the City of Joliet. Sources of information include the following documents: City of Joliet – Lead Service Line Replacement Project Plan Submittal prepared by Engineering Enterprises, Inc. (EEI) dated August 2019; revised October 2019.

Part I – Project Information

Project Name: Five Year Lead Drinking Water Service Line Replacement

Project Number: L175742; L175744; L175745; L175746 & L175747

Loan Applicant: City of Joliet

County: Will

Current Population: 148,262

Future Population (20 year): 206,995

Project Location: See attached map for project location.

Number Service Connections: 49,719

Estimated Construction Start/Completion Date: Fall 2020 / Spring 2026

Project Description: The City of Joliet would like to eliminate all lead service lines and replace them with copper service lines. Due to known health effects, Joliet stopped installing lead service lines many years ago.

Project Location: The project area is generally bound by I-80 to the south, Theodore Street to the north, Larkin Avenue to the east and Bridge Street to the west. There are approximately 17,300 residential and industrial parcels within the project area. See attached map for project location.

Estimated Construction Start / Completion Date: Fall 2020 / Spring 2026

Project Cost Estimate: Approximately \$5 million.

Part II – Project Affordability for Residents and Utility Customers

The City is proposing to finance the project costs with five 100% principal forgiveness loans of \$1,000,000 each over five years, from the Public Water Supply Loan Program (PWSLP). Currently, Joliet qualifies for a million dollars in principal forgiveness to replace lead service lines, annually. Loan and principal forgiveness criteria reset annually on July 1st. To evaluate the costs of the proposed project for the community, a percentage comparison of the MHI to the average, annual cost for water service is utilized. The MHI listed below is from the current fiscal year's census information. The proposed annual water cost of \$304.92 (\$25.41 monthly) is 0.48% of the

MHI for the area. The percentage is for comparison only and has no impact on whether a project qualifies for funding from the IEPA. The percentage comparison and MHI are two of several criteria used to determine whether a loan project qualifies for interest rate reductions or principal forgiveness.

Source of Loan Repayment: The City of Joliet will not have to repay the loan if principal forgiveness is granted by the IEPA, so there will be no increase in user fees.

Average Monthly Residential Water Use: 4,784 gallons or 639.49 Cubic Feet (CF)

How is the monthly residential rate/cost of service calculated?

Flat Monthly Charge	\$5.06/month	\$ 5.06
Water Volume Charge	\$1.34/100CF x 200CF	\$ 2.68
Water Volume Charge	\$4.02/100CF x 439.49 CF	<u>\$17.67</u>
		\$25.41

Median Household Income (MHI): \$63,359

Part III – Environmental Issues Associated With the Project

Project construction impacts: Temporary adverse environmental impacts such as construction-associated noise, blowing dust, air emissions, traffic disruption, and soil erosion will likely occur during construction. All construction activities will occur within the city limits on either previously disturbed ground or the exact site of current structures.

Illinois Department of Natural Resources: The loan applicant submitted project information to the Illinois Department of Natural Resources (IDNR) EcoCAT website to determine compliance with the Illinois Endangered Species Act, Illinois Natural Areas Preservation Act, the Illinois Wetlands Act, and Title 17 Ill. Adm. Code Parts 1075 and 1090. The Department has concluded that adverse effects are unlikely.

Illinois Historic Preservation Division of IDNR: The loan applicant submitted project information to the Illinois Department of Natural Resources, Illinois Historic Preservation Division (IDNR IHPD) for consultation under Section 106 of the National Historic Preservation Act of 1966. The Department has concluded that adverse effects are unlikely.

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

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