



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

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Project Summary and Preliminary Environmental Impacts Determination

Date: FEB 23 2021

Loan Applicant: Wood Dale, IEPA Loan Project Numbers: L175840 & L175848

To all interested persons:

Section 365.330 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 project plan.

Prior to final approval of the project 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 project 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 project 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 person 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,

Heidi Allen
Pre-Construction Unit Manager
Infrastructure Financial Assistance Section
Bureau of Water

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Attachment

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1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
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Project Summary and Environmental Assessment

The City of Wood Dale has applied to the Illinois Environmental Protection Agency's (IEPA) Water Pollution Control loan program to request funding to help finance stormwater control improvements. 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 by Robinson Engineering on behalf of Wood Dale. Sources of information include the following documents: City of Wood Dale, Ward 2 & 3 Stormwater Improvements project plan submitted July 2020 and other information gathered by the IEPA in January & February 2021.

Part I – Project Information

Loan Applicant: City of Wood Dale (City)

County: DuPage

Project Name: Ward 2 & 3 Stormwater Improvements

Project Number: L175840 (Phase 3) and L175848 (Phase 4)

Current Population Served: 13,717

Future Population (20 year): 17,021

Project Description: The proposed project consists of stormwater control improvements and is divided into four phases. The first two phases, completed by the City in 2019 & 2020, included rehabilitation of approximately 770 linear feet (LF) of Squaw Creek for bank stabilization and drainage with removal of sedimentation, brush, tree roots and other debris, replacement of deteriorated culverts, expanding the conveyance channel, and other necessary items; rehabilitation of culverts that discharge into Squaw Creek; installation of storm sewers along Dalewood Avenue from Squaw Creek to Potter Street; a lift station (LS) "North LS", installation of storm sewers at the east and north ends of Gilbert Drive with discharge to Salt Creek; a new underground 7 acre-foot stormwater detention basin under Potter Street and Prospect Avenue; and miscellaneous appurtenances.

Phase 3 consists of finalizing the remaining 200 LF of the Squaw Creek rehabilitation, construction of a 7 acre-foot underground stormwater detention basin at the Westview Elementary School with discharge to Potter lift station, a hydrodynamic separator to filter first flush contaminants downstream of the North LS, approximately 595 LF of storm sewers from Lincoln Court to Robin Lane ranging from 12-inches up to 30-inches in diameter, restoration, and other appurtenances. Phase 4 consists of the construction of underground stormwater detention basins beneath Prospect Avenue and Brookwood Park with total volume of 9 acre-feet, a new LS "South LS" with a hydrodynamic separator, 950 feet of storm sewers ranging from 4-inches up to 30-inches in diameter along various streets to direct stormwater to the new detention facilities, and other miscellaneous appurtenances. Only Phases 3 & 4 are being considered for IEPA loan funding.

Project Location: The proposed project locations are shown on the attached color-coded map.

Project Justification: The Ward 2 and 3 area is prone to severe flooding when wet weather events occur. The area consists mostly of residential homes that were constructed around the 1950's prior

to current stormwater regulations. Therefore, during construction of the homes, no measures were taken to address stormwater detention, overland flow routes, or the reduction of contaminant runoff into tributary waterways. To address the issues, the City proposed the construction of various stormwater management features to reduce localized flooding, reduce the amount of stormwater contaminants that discharge into the waterways, and reduce the amount of sedimentation caused by erosion. The City adopted a stormwater management ordinance to assist in governing land development throughout the community for any future developments. The proposed improvements will allow the City to reduce current health risks for Ward 2 & 2 residents, decrease the contaminants going into the waterways, and reduce water ponding in the area which will provide flood protection measures for existing homes.

Estimated Construction Start Date: May 2021 (Phase 3), May 2023 (Phase 4)

Estimated Construction Completion Date: October 2021 (Phase 3), September 2024 (Phase 4)

Project Cost Estimate: \$7,900,500 (Phase 3) & \$15,142,625 (Phase 4)

Part II – Environmental Issues Associated with the Project

Temporary adverse environmental impacts such as construction-associated noise, blowing dust, air emissions, traffic disruption, and soil erosion will likely occur during construction.

The project has been reviewed by the Illinois Department of Natural Resources (IDNR) State Historic Preservation Office (SHPO) for compliance with Section 106 of the National Historic Preservation Act of 1966. SHPO's letter dated November 21, 2019 indicated that there were no negative impacts to historical or archaeological resources expected as a result of this project; therefore, they have no objection to the project proceeding as planned.

The project was submitted through the IDNR EcoCAT review process to determine compliance with the Endangered Species Act and Natural Areas Preservation Act (Part 1075), and the Wetlands Act (Part 1090). The EcoCAT review found that there were protected resources and wetlands within 250 feet of the project location; however, upon further evaluation IDNR indicated that adverse effects are unlikely and consultation under 17 Ill. Adm. Code Part 1075 and 1090 were terminated via letter dated November 12, 2019.

The US Army Corps of Engineers (ACOE) also reviewed the proposed widening and deepening of the full 970 LF of Squaw Creek. The ACOE determined the work is authorized under the terms and conditions of Regional Permit #5 (RP 5) and under Category II of the Regional Permit Program #5 (RPP 5). All general and special conditions outlined in the ACOE RP 5 and RPP 5 letters dated January 3, 2109 & December 14, 2018 must be incorporated into the project. This includes submittal of the Permit Compliance Certification to the ACOE once the project is completed; coordination with the Kane-Dupage County Soil & Water Conservation District to incorporate all of the soil erosion and sedimentation control recommendation as outlined in their April 4, 2018 letter, and various other conditions from the ACOE letters.

Part III – Project Implementation and Affordability for Residents and Utility Customers

The applicant is proposing to finance the project costs with two loans from the IEPA Water Pollution Control Loan Program (WPCLP). A \$7,900,500 loan for Phase 3 with an estimated interest rate of 1.35% for a twenty (20) year period, would have an annual repayment of approximately \$450,971. A \$15,142,625 loan for Phase 4 with an estimated interest rate of 1.35% for a twenty (20) year period, would have an annual repayment of approximately \$864,361. The current loan program interest rate is 1.35%. The interest rate adjusts annually on July 1st. All loans are subject to the interest rate in effect at the time a loan agreement is issued.

Source of Loan Repayment: The City proposes to repay both loans using revenues from an existing non-home rules sales tax (NHRST) that generates approximately \$2.4 million per year. A portion of the NHRST is utilized for existing bond repayment obligations; however, the City indicated there is sufficient revenue remaining from the NHRST revenues to fund the loan debt repayments.

Number of Customers or Service Connections: The City has 9,249 residential and 613 commercial customers.

Median Household Income (MHI): \$67,891

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

Chad Rice, Project Manager
Infrastructure Financial Assistance Section
Illinois Environmental Protection Agency
Bureau of Water
1021 North Grand Avenue East
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217/782-2027

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City of Wood Dale, Illinois

Detailed Project Location
Aerial Photograph – Google Earth 2019



CONSTRUCTION

- 2019 Phase 1
- 2020 Phase 2
- 2021-22 Phase 3
- 2023 Phase 4

FINANCING

- City
- IEPA
- IEPA
- IEPA

Not To Scale