



June 2, 2025

Limited Environmental Review and Finding of No Significant Impact

**Village of Roseville – Muskingum and Perry Counties
UV Disinfection
Loan number: CS390809-0012**

The attached Limited Environmental Review (LER) is for a wastewater treatment plant project in Roseville which the Ohio Environmental Protection Agency (Ohio EPA) intends to finance through its Water Pollution Control Loan Fund (WPCLF) below-market interest rate revolving loan program. The LER describes the project, costs, and expected environmental benefits. Making available this LER fulfills the Ohio EPA's environmental review and public notice requirements for this loan program.

Ohio EPA analyzes environmental effects of proposed projects as part of its program review and approval process. We have concluded that the proposed project should not result in significant adverse environmental impacts. In accordance with Ohio Administrative Code 3745-150-05, this project meets the criteria for an LER rather than the more comprehensive Environmental Assessment. More information can be obtained by contacting the person named at the end of the attached LER.

Upon issuance of this Final Finding of No Significant Impact (FNSI) determination, award of funds may proceed without further environmental review or public comment unless new information shows that environmental conditions of the proposed project have changed significantly.

Sincerely,

A handwritten signature in black ink, reading "Kathleen Courtright".

Kathleen Courtright, Assistant Chief
Division of Environmental and Financial Assistance

LIMITED ENVIRONMENTAL REVIEW

Project Identification

Project: UV Disinfection

Applicant: Village of Roseville
107 North Main Street
Roseville, Ohio 43777

Loan Number: CS390809-0012

Project Summary

The Village of Roseville has requested financial assistance from the Ohio Water Pollution Control Loan Fund (WPCLF) for the UV Disinfection project. Work for this wastewater treatment project will include the installation of an ultraviolet (UV) disinfection system to address Roseville's National Pollutant Discharge Elimination System (NPDES) permit limits for e. coli. The total estimated WPCLF loan amount for the project is \$327,000 and Roseville is eligible for that amount in principal forgiveness, a loan that doesn't need to be repaid. The project is scheduled to begin construction in summer 2025 and be completed in three months.

History & Existing Conditions

The Village of Roseville, located in Muskingum and Perry counties, owns and operates a wastewater treatment plant (WWTP) that serves a population of approximately 4,380 in Roseville, the Village of Crooksville, and Northern Perry County Water and Wastewater service areas. The WWTP consists of three facultative ponds designed to treat a wastewater flow of 0.671 million gallons per day (MGD), and discharges treated effluent to Moxahala Creek. The WWTP currently lacks disinfection and cannot meet the new e. coli limits of their renewed NPDES permit.

Population growth in the project service area is expected to be very low to negative, and no proposed development is expected in the 20-year planning period.

Project Description

The proposed project (see figures 1 and 2) will improve and update the existing WWTP through the installation of a UV disinfection system, UV control center, retaining wall, fencing, grading, and restoration. Construction will take place in the previously disturbed area of the WWTP. Limited tree removal is part of the project, but the area otherwise supports no environmental resources.

Implementation

The total estimated loan amount is \$327,000, and Roseville is expected to receive the full project amount in principal forgiveness, a loan that doesn't need to be repaid, from the WPCLF. Any outstanding balance will be financed through a WPCLF 20-year, 0% hardship loan. During the 20-year loan period, Roseville could save up to \$508,000 compared to borrowing the total project amount at the current market rate (June 2025) of 4.69%.

Debt for the project will be repaid from monthly sewer fees without rate increases. Under the wastewater rates that will be effective in 2025 and based on a usage of 4,000 gallons of water per month, the average residential sewer bill is \$64.34 per month, or \$772 per year, as compared to the state average of \$477.

Public Participation

The project has been discussed at village council meetings which are open to the public. Ohio EPA is unaware of any controversy about or opposition to this project. The Limited Environmental Review (LER) and Finding of No Significant Impact (FNSI) will be posted on the Ohio EPA Division of Environmental and Financial Assistance website. Additionally, the LER and FNSI have been provided to the Village of Roseville to be made available according to their public notification procedures.

Conclusion

The proposed project meets the criteria for an LER; namely, it is an action within an existing public wastewater treatment system, which involves improvements to the existing treatment process. Furthermore, the project meets the other qualifying criteria for an LER; specifically, the proposed project:

Will have no significant environmental effect, will require no specific impact mitigation, and will have no effect on high-value environmental resources. Sensitive resources such as floodplains, wetlands, riparian areas, prime or unique agricultural lands, aquifer recharge zones, archaeological or historically significant site, or threatened or endangered species will not be affected or are not present in the project area, and the project involves improvement to an existing WWTP where the project area will be restored to its pre-project condition.

Is cost effective. Installation of UV disinfection is the most cost-effective alternative, does not require additional personnel, and allows Roseville to attain compliance with its NPDES permit at a reasonable cost.

Is not a controversial action. User rates will not be increased as a result of this project, adverse impacts to environmental resources are unlikely to occur, and Ohio EPA is unaware of any public opposition to the project.

Does not create a new, or relocate an existing discharge to surface or ground waters, and will not result in substantial increases in the volume of discharge or the loading of pollutants from an existing source or from new facilities to receiving waters. The project involves improvements

to the treatment process and not increases to pollutant discharges. Rather, this project should result in treated wastewater of higher quality being discharged from the WWTP to the receiving stream.

Will not provide capacity to serve a population substantially greater than the existing population. The project is not related to serving new growth or increasing capacity at the wastewater treatment facilities.

Based upon Ohio EPA's review of the planning information and the materials presented in this Limited Environmental Review, we have concluded that there will be no significant adverse impacts from the proposed project as it relates to the environmental features discussed previously. This is because these features do not exist in the project area, the features exist but will not be adversely affected, or the impacts will be temporary and mitigated. The proposed project is a cost-effective way for Roseville to achieve permit compliance and protect human health and the environment by eliminating the discharge of partially treated wastewater. Also, by using WPCLF principal forgiveness funding, Roseville has minimized the project cost.

Contact Information

R. Eric Schultz
Division of Environmental & Financial Assistance
Ohio Environmental Protection Agency
PO Box 1049
Columbus, Ohio 43216-1049

Phone: (614) 644-3713
Email: eric.schultz@epa.ohio.gov



Figure 1 – General project area



Figure 2 – Project area