



October 2, 2024

Limited Environmental Review and Finding of No Significant Impact

**Crooksville – Perry County
Wastewater Pump Replacement Project
Loan number: CS390292-0004**

The attached Limited Environmental Review (LER) is for pump station and sanitary sewer improvements project in Crooksville, 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 that reads "Kathleen Courtright".

Kathleen Courtright, Assistant Chief
Division of Environmental and Financial Assistance

LIMITED ENVIRONMENTAL REVIEW

Project Identification

Project: Wastewater Pump Replacement Project

Applicant: Village of Crooksville
98 South Buckeye Street
Crooksville, Ohio 43731

Loan Number: CS390292-0004

Project Summary

Crooksville in Perry County has requested \$284,000 in funding from Ohio EPA's Water Pollution Control Loan Fund. The total project cost is estimated at \$3,486,987; the village anticipates an estimated \$3.2 million in other funding. Of the WPCLF loan amount, \$50,000 is for the construction of an emergency generator, while \$234,000 is for contingency. The community is eligible for principal forgiveness for the \$50,000 loan. Given the limited scope of the project, no major environmental impacts are expected.

History & Existing Conditions

The Village of Crooksville owns and operates a sanitary collection system that includes onsite septic tank effluent pump (STEP) systems to collect its wastewater. Individual on-site septic tanks are equipped with low-flow, high-head effluent pumps that convey the wastewater to larger lift stations throughout the Village. The collected wastewater is then pumped to the Village of Roseville for treatment.

The two larger lift stations are experiencing severe corrosion and infiltration as they near the end of their useful life. The two stations are Lift Station B1 on East Main Street and B6 at North State Street and Mohican Drive. See Figure 1 for project location.

Project Description

Crooksville is proposing to replace B1 and B6 lift stations, and also change their sequence of operation. Currently, Lift Station B1 pumps to Lift Station B6 where flow combines with wastewater from the Mohican Drive area. Lift Station B6 then pumps all flow to the Roseville wastewater system. With the village's proposed improvements, the capacity of Lift Station B1 will be increased and B1 will pump directly to Roseville. The capacity of Lift Station B6 will be decreased, and B6 will serve only the Mohican Drive area. Crooksville's project also will include several new segments of force main and gravity sanitary sewer to implement the change in operating sequence for Lift Stations B1 and B6.

The replacement lift stations will be constructed adjacent to the existing systems (see Figure 2). A new 10-inch force main will connect the replacement B1 lift station to the existing 10-inch force main

running to Roseville, and a new 4-inch force main will connect the replacement B6 lift station to the same existing force main.

The two replacement lift stations will use submersible pumps installed in new wet wells. The new lift stations will be equipped with audio and visual alarms and telemetry for operating and alarm conditions. The control panels will be typical for this type of project. Emergency power at the lift stations will be provided by permanent generators with automatic transfer switches. The generator at Lift Station B1 will be rated at 350 kilowatts and the B6 generator will have a rating of 100 kilowatts. The lift station sites will be secured with 6-foot chain link fencing with barbed wire and vehicle gates.

Implementation

Crooksville has requested \$284,000 from Ohio EPA's Water Pollution Control Loan Fund at an interest rate of 0%. Of that loan amount, \$50,000 will be in the form of principal forgiveness, which is a loan that does not need to be repaid.

The project will be funded by other sources including Ohio Public Works Commission (\$499,000), Appalachian Regional Commission (\$250,000), and Ohio Builds Water and Wastewater grant (\$2.4 million).

There are no planned rate increases for residential customers beyond the annual 3% increase. In 2024, Crooksville residents pay on average \$48 per month or \$576 annually. Anticipated loan award date is October 2024; construction is expected to begin in November 2024 and last approximately four months.

Public Participation

The village held council meetings at which this project was discussed. Ohio EPA is unaware of controversy about or opposition to these projects. Ohio EPA will make a copy of this document available to the public on the following webpage and will provide it upon request: <https://epa.ohio.gov/divisions-and-offices/environmental-financial-assistance/announcements>.

Conclusion

The proposed project meets the criteria for a Limited Environmental Review (LER); namely, it is an action within existing the sanitary sewer collection system, which involves functional replacements. Furthermore, the project meets the other qualifying criteria for an LER; specifically, it:

Will have no significant environmental effect, require no specific impact mitigation, and have no effect on high-value environmental resources because all of the work takes place in previously disturbed areas that lack any important environmental resources. No tree removal is expected.

Is cost effective because the selected action presents the best alternative to address the necessary improvements. Replacement of existing pump station more cost effective than continued repair.

Is not controversial because there are no rate increases as a result of this proposed 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 since the improvements are simply replacing existing sanitary sewers and pump station components and will have no impacts on the discharge.

Will not provide capacity to serve a population substantially greater than the existing population because the project is only replacing or improving existing components and no new sanitary service connections will be added.

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 areas, the features exist but will not be adversely affected, or the impacts will be temporary and mitigated.

The proposed project will result in less maintenance for the village and improved efficiency in the sewage collection system.

Contact Information

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VILLAGE OF CROOKSVILLE
SANITARY SEWER LIFT STATION REPLACEMENTS – LOCATION MAP



 **Lift Station Replacement locations**

Figure 1. Project Location

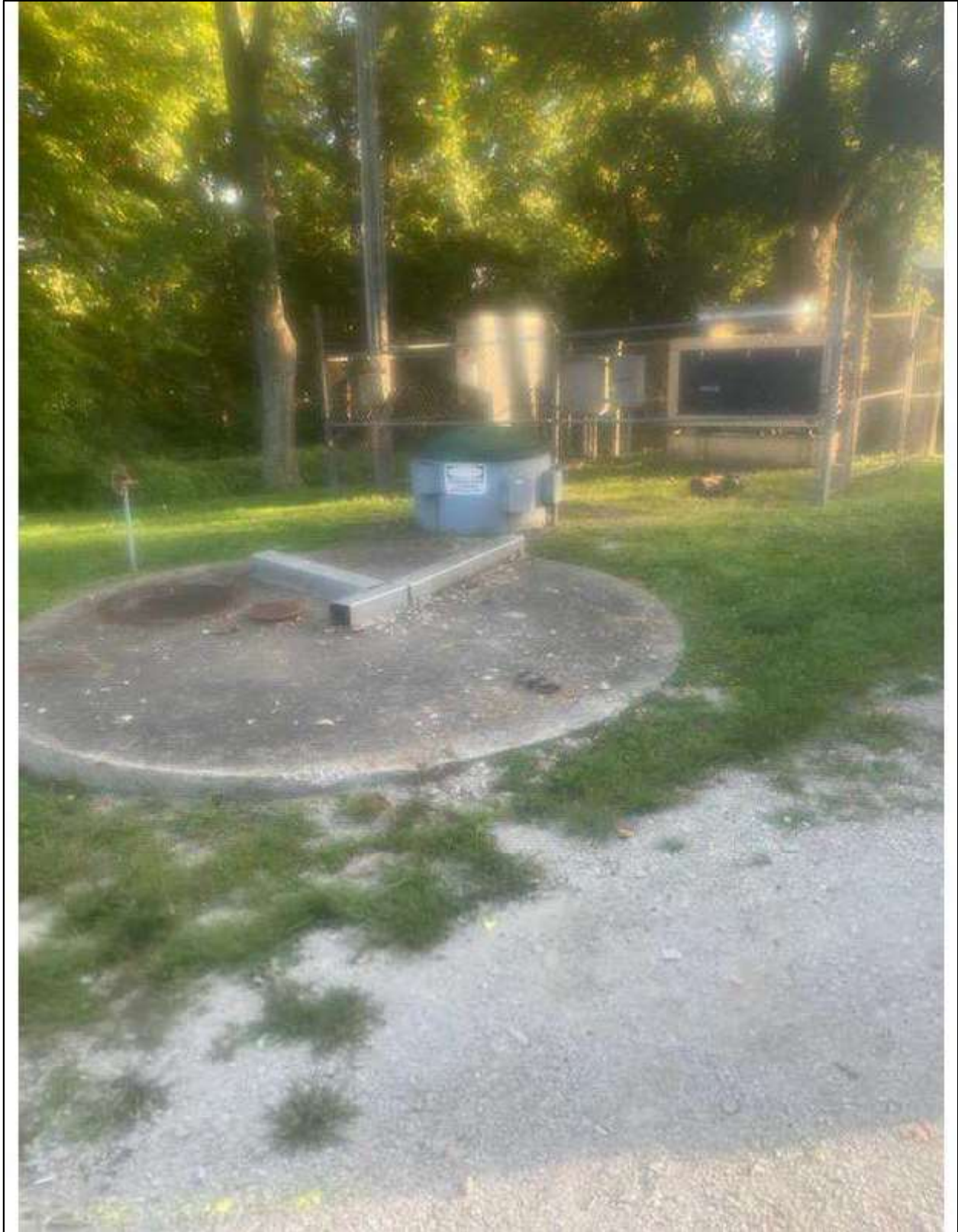


Figure 2. Photo of an Existing Pump Station