



October 23, 2025

Limited Environmental Review and Finding of No Significant Impact

**Village of Fazeysburg – Muskingum County
2024 Water Treatment Plant Improvements
Loan number: FS390367-0006**

The attached Limited Environmental Review (LER) is for a water treatment project in Muskingum County which the Ohio Environmental Protection Agency (Ohio EPA) intends to finance through its Water Supply Revolving Loan Account (WSRLA) 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: 2024 Water Treatment Plant Improvements

Applicant: Village of Frazeytsburg
PO Box 160
Frazeytsburg, Ohio 43822

Loan Number: FS390367-0006

Project Summary

The Village of Frazeytsburg has applied for funding from the Ohio Water Supply Revolving Loan Account (WSRLA) for the 2024 Water Treatment Plant Improvements project. The project will provide repairs and upgrades to aged portions of a drinking water treatment plant that have reached the end of their useful life. The project is scheduled to begin construction December 2025 and be completed in 12 months. The estimated cost of the project is \$1,370,000, and Frazeytsburg is eligible to receive up to \$375,000 of WSRLA principal forgiveness, a loan that does not need to be repaid, to pay for this loan. The project is also scheduled to receive funding from the U.S. Department of Housing and Urban Development's Community Development Block Grant Program and the Ohio Public Works Commission.

History & Existing Conditions

The Village of Frazeytsburg, located in Muskingum County (Figure 1), is a rural village with a population of approximately 1,335. The village owns and operates a water treatment plant (WTP) and water distribution system that serves the village. The WTP constructed in 2002, is groundwater sourced by two wells, has iron and manganese filtration, two softening filters, and sodium hypochlorite disinfection. The WTP has an average daily demand of 0.114 million gallons per day (MGD), and an approved capacity of 0.54 MGD. See Figure 2 for location of WTP.

The WTP currently has no backup water supply and has experienced multiple system failures due to the age of the plant's components. In November of 2024 the Frazeytsburg WTP experienced a valve failure that disrupted water service for multiple days and required boil alerts and emergency repairs. The filters and softeners have reached the end of their useful life and have no backup filtration components. It has been determined that failure of the filter systems is imminent, and that construction of a portable filtration system to provide temporary service would take at least one month. Additionally, many of the WTP controls require upgrading, as replacement parts are out of production.

Project Description

The proposed project will provide repairs to aging filters, replace filter media and controls that are beyond their useful life, and provide safety improvements to the sodium hypochlorite disinfection system. The project will take place within the area of the previously disturbed, existing WTP which contains above- and below-grade equipment and structures. A portion of the project will take place outside of the WTP buildings, though within the WTP facility, which is within the 500-year floodplain. These impacts will be temporary in nature, and this project has been coordinated with the local floodplain administrator. Specifically, the project will include the following:

- Installation of a temporary filtration system for plant operation during improvements
- Repainting of the filtration system tank
- Replacement of filtration system chemical feed line
- Replacement of filtration system media
- Rehabilitation of the softener units
- Rehabilitation and reconfiguration of the sodium hypochlorite feed room and system
- Installation of new electrical and control systems

Implementation

The total estimated cost for the proposed project is \$1,379,000. Frazeytsburg is eligible to receive up to \$375,000 in WSRLA principal forgiveness, a loan which will not need to be repaid. Frazeytsburg will also be receiving funding from the U.S. Department of Housing and Urban Development's Community Development Block Grant Program and the Ohio Public Works Commission, totaling approximately \$1,184,999. Frazeytsburg proposes to borrow the remaining balance of approximately \$196,620 from the WSRLA utilizing principal forgiveness funding. Borrowing \$196,620 in WSRLA principal forgiveness will save Frazeytsburg approximately \$250,000 as compared to borrowing the same amount at the current market rate of 4.8% over 10 years.

Under the water rates that are effective in 2025, the residential water bill, based on 4,000 gallons per month usage, is \$34.20 per month, or \$410 per year, compared to the state average of \$481.

Public Participation

Ohio EPA is unaware of any controversy about or opposition to this project. The project has been discussed in village council meetings that were open to the public, and was public noticed in the Zanesville Times Recorder.

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 Frazeytsburg to be made available according to their public notification procedures. Given the limited potential environmental impact, this is considered adequate public participation.

Conclusion

The proposed project meets the criteria for an LER; namely, it is an action within an existing public water treatment plant, which involves the functional replacement of and improvements to existing infrastructure. 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, since sensitive resources such as wetlands, riparian areas, prime agricultural lands, aquifer recharge zones, archaeological or historically significant sites, or threatened or endangered species are not present in the project area, and as the project involves the repair and replacement of water treatment structures and equipment within the area of an existing WTP.

Is cost effective, as there is no feasible alternative to the replacement of and improvements to WTP structures and equipment that are beyond their useful life to ensure a safe, consistent water supply.

Is not a controversial action, as 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, does not create a new source of water withdrawals from either surface or ground waters, or significantly increase the amount of water withdrawn from an existing water source, or substantially increase the volume of discharge or loading of pollutants from an existing source or from new facilities to receiving waters, as no discharge points or pollutant loading will be part of the project. The project does not require the expansion of Frazeysburg's WTP beyond its current capacity or require the addition of a supplementary water supplier, so it will not require a change in water withdrawal.

Will not provide capacity to serve a population substantially greater than the existing population, as little population change is anticipated during the 20-year planning period.

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 environmental features. 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 project will have long-term benefits associated with improvements to the existing WTP and the provision of a safe and adequate supply of potable water that is maintained according to the standards of the Safe Drinking Water Act. Also, by using WSRLA financing, Frazeysburg has minimized the project cost.

Contact Information

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Figure 1. General project area

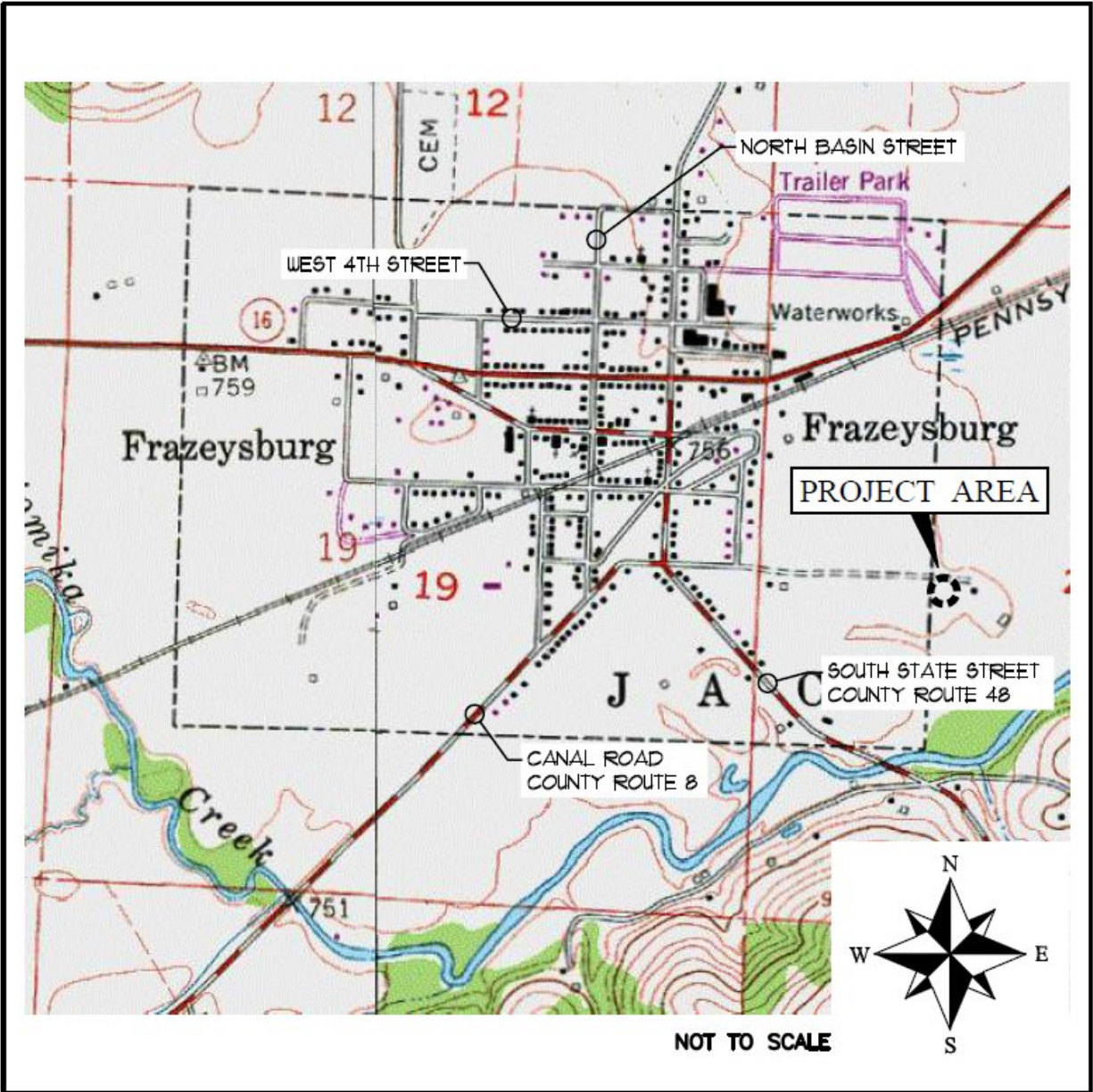


Figure 2. Project area