



Mike DeWine, Governor  
Jon Husted, Lt. Governor  
Laurie A. Stevenson, Director

July 5, 2022

**Limited Environmental Review and Finding of No Significant Impact**

**South Vienna - Clark County  
Elevated Water Tower Rehabilitation  
Loan number: FS390872-0002**

The attached Limited Environmental Review (LER) is for a drinking water distribution project in Clark County which the Ohio Environmental Protection Agency intends to finance through its Water Supply Revolving Loan Account (WSRLA) below-market interest rate revolving loan program. The LER describes the project, its costs, and expected environmental benefits. Making available this LER fulfills 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 WSRLA program review and approval process. We have concluded that the proposed project should not result in significant adverse environmental impacts. This project's relatively narrow scope and lack of environmental impacts qualifies it for the LER rather than a more comprehensive Environmental Assessment. More information can be obtained by calling or writing the person named at the end of the attached LER.

Upon issuance of this 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 cursive script that reads "Kathleen Courtright".

Kathleen Courtright, Assistant Chief  
Division of Environmental and Financial Assistance

Attachment

## LIMITED ENVIRONMENTAL REVIEW

### **Project Identification**

Project: Elevated Water Tower Rehabilitation

Applicant: Village of South Vienna  
149 West Main Street  
South Vienna, Ohio 45369

Loan Number: FS390872-0002

### **Project Summary**

The Village of South Vienna in Clark County has requested \$433,069 from the Water Supply Revolving Loan Account (WSRLA) for coating and structural improvements to South Vienna's 150,000-gallon water storage tower (Figure 1). Work will take place within the confines of the existing storage tank, therefore limiting potential impacts to environmental features.

### **History & Existing Conditions**

South Vienna provides potable water to 242 residential and 33 business customers. The village owns and operates a ground water treatment plant, distribution system, and two elevated water storage towers (150,000-gallon and 75,000-gallon).

The 150,000-gallon water storage tower was constructed in 1998. An inspection report of this tower was completed in November 2021 and included the following findings:

- The exterior and interior tank coatings are in poor condition or deteriorating in some places.
- The exterior balcony needs to be recoated.
- The interior ladder does not meet safety requirements and needs fall-prevention devices.
- The roof vent is in poor condition, requiring replacement.
- A sidewall hatch to the interior of the tank requires replacement.
- The tank lacks a designed overflow pipe.

### **Project Description**

The proposed elevated water storage tank rehabilitation will ensure the longevity of the elevated tank structure into the future and maintain sufficient delivery of potable water for the existing customers. See Figure 2 for project location.

The project includes the following improvements:

- Recoating interior and exterior surfaces, including the concrete foundation
- Installing handrail and rigging couplings on the roof
- Installing overflow pipe
- Installing 30-inch wet interior sidewall hatch



**Figure 1. 150,000-gallon elevated water tower**

- Replacing roof vent
- Installing fall prevention devices on interior ladder

The project is entirely within the footprint existing water storage tank, thereby minimizing effects on environmental resources.



**Figure 2. Map of South Vienna and water tower location**

### **Implementation**

South Vienna plans to borrow \$433,069 from the WSRLA. During the 20-year loan period South Vienna will save approximately \$83,372 by using WSRLA dollars at the small-system rate of 1.90 percent, compared to the market rate of 3.65 percent.

Interest rates are set monthly and may change for a later loan award.

Projected annual residential water bills are expected to be \$409, or 0.6 percent of median household income (MHI) of South Vienna, which is \$65,417. This compares favorably to the Ohio average water bill of \$697 per year. By using WSRLA financing for this project, South Vienna has minimized the economic impact on customers.

The anticipated loan award will occur in July 2022. Improvements are expected to begin following loan award and be completed by autumn 2022.

## **Public Participation**

This project has been discussed at village meetings when a resolution to move forward with the loan for this project was passed.

Ohio EPA will make a copy of this Limited Environmental Review (LER) available on its web page: <https://epa.ohio.gov/divisions-and-offices/environmental-financial-assistance/announcements> and will provide it upon request to interested parties. The village will also post the LER to their Facebook page. Information supporting this project is available from the project contact named below.

## **Conclusion**

The proposed project meets the project type criteria for a Limited Environmental Review (LER); namely, it is an action within an existing water distribution system, which involves the functional replacement of and improvements to existing equipment. Furthermore, the project meets the other qualifying criteria for an LER; specifically, the proposed project:

**Will have no significant environmental effect, no effect on high value environmental resources, and does not require extensive specific impact mitigation.**

Work for this project is limited to the confines of the existing elevated water storage tank. No changes to environmental features will occur.

**It is cost effective and not controversial.**

The proposed project is cost effective because rehabilitation is a much cheaper alternative to complete replacement since the structural integrity of the tank is intact. Ohio EPA is unaware of any specific opposition to or controversy about this project that will ensure a safe and adequate water supply can be maintained by the village.

**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; and will not provide capacity to serve a population substantially greater than the existing population.**

This project involves improvements to existing structures and does not otherwise alter South Vienna's public water system (withdrawal, treatment, distribution, or usage of potable water).

## **Contact information**

Deborah Hauser  
Ohio EPA-DEFA  
P.O. Box 1049  
Columbus, OH 43216-1049

[deborah.hauser@epa.ohio.gov](mailto:deborah.hauser@epa.ohio.gov)