

DRAFT FINDING OF NO SIGNIFICANT IMPACT

Section 340 Danville Wastewater Treatment Plant Upgrade Project Boone County, West Virginia

The U.S. Army Corps of Engineers, Huntington District (Corps) has conducted an environmental analysis in accordance with the National Environmental Policy Act of 1969, as amended. The Environmental Assessment (EA), dated July 2025, for the Section 340 Danville Wastewater Treatment Plant Upgrade Project, addresses aging infrastructure at the existing wastewater treatment plant which causes unsanitary and unsafe conditions for individuals in Boone County, West Virginia. The need for the wastewater treatment plant upgrade is to provide residents with reliable and safe wastewater infrastructure.

The draft EA, incorporated herein by reference, evaluated various alternatives that would provide residents with reliable and safe wastewater infrastructure in the study area. The recommended plan is the Proposed Action Alternative (PAA) and includes:

- Replacement of the mechanical bar screen, repair of the grit removal unit drain line, replacement of the ultraviolet (UV) disinfection unit, and replacement of the hydropneumatic tank for non-potable wash water.

Under the No Action Alternative (NAA), the Corps would not provide funding for the project and the Boone County Public Service District would not upgrade their wastewater treatment plant. Section 2.0 of the draft EA discusses the proposed action and alternatives.

SUMMARY OF POTENTIAL EFFECTS:

For all alternatives, the potential effects were evaluated, as appropriate. A summary assessment of the potential effects of the recommended plan are listed in Table 1:

Table 1: Summary of Potential Effects of the Proposed Action

Resource	Insignificant effects	Insignificant effects as a result of mitigation	No effects
Land Use	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Terrestrial Habitat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floodplains	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Prime and Unique Farmland	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aquatic Habitat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetlands	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous, Toxic, and Radioactive Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tribal Trust Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Threatened and Endangered Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Invasive Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Socioeconomics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aesthetics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation and Traffic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

All practical means to avoid or minimize adverse environmental effects were analyzed and incorporated into the recommended plan. Best management practices (BMPs), as detailed in the EA, will be implemented, if appropriate, to minimize impacts. BMPs that would be utilized during construction of the PAA would include silt fencing to prevent runoff.

No compensatory mitigation is required as part of the recommended plan.

A 30-day public, state, and agency review of the draft EA will be completed. All comments submitted during the public review period will be responded to in the Final EA and FONSI.

Pursuant to Section 7 of the Endangered Species Act of 1973, as amended, the Corps determined that the recommended plan will have no effect on Federally listed species or their designated critical habitat.

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, the Corps determined that the recommended plan has no potential to effect historic properties. Therefore, no Tribal consultation was necessary. The State Historic Preservation Office concurred with the determination on 9 October 2024.

All applicable environmental laws have been considered and coordination with appropriate agencies and officials will be completed. The Natural Resources Conservation Service determined on 19 September 2024, that the project does not impact prime or other important farmland and is therefore not subject to the Farmland Policy Protection Act.

Technical, environmental, economic, and cost effectiveness criteria used in the formulation of alternative plans were those specified in the Water Resources Council's 1983 Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies. All applicable laws, executive orders, regulations, and local government plans were considered in evaluation of alternatives. Based on these reports, the reviews by other Federal, State, and local agencies, Tribes, input of the public, and the review by my staff, it is my determination that the recommended plan would not significantly affect the human environment; therefore, preparation of an Environmental Impact Statement is not required.

Date

