



Department of Energy

Washington, DC 20585

August 21, 2026

NOTICE OF FLOODPLAIN ACTION

for

Blue Spruce Operating, LLC (BSO), Dry Piney Helium Project

Sublette County, Wyoming

The Department of Energy (DOE), Office of Energy Dominance Financing (EDF), is issuing this notice of floodplain action for Blue Spruce Operating, LLC's (BSO's) Dry Piney Helium Project (Project) in Sublette County, Wyoming.

BSO has applied for Federal financial assistance for the Project. DOE has determined that the potential Federal financial assistance for the Project is a floodplain action; therefore, the requirements of 10 Code of Federal Regulations (CFR) 1022 apply.

Pursuant to 10 CFR Part 1022, a 15-day public comment period for this proposed floodplain action commences with publication of this notice and will conclude on September 7, 2026. At the end of the public comment period, DOE will consider all substantive comments received and prepare a floodplain statement of findings.

The floodplain assessment is attached to this notice.

To submit comments, please email EDF_environmental@doe.gov. Please include "**BSO: Dry Piney Helium**" in the subject line. Comments must be received by September 7, 2026.

FLOODPLAIN ASSESSMENT

for

Blue Spruce Operating, LLC (BSO), Dry Piney Helium Project

Sublette County, Wyoming

August 21, 2026

Introduction

Approximately 3.2 acres of permanent right of way and 0.7 acres of temporary construction right of way of the Dry Piney Helium Project is located within Zone A of the FEMA 100-year floodplain. The Project, an integrated helium production, natural gas processing, and carbon sequestration development, is not considered to be a critical action, as defined at 10 CFR 1022.4. This memo describes the U.S. Department of Energy's (DOE) assessment of floodplains pursuant to 10 CFR 1022.

Floodplain Assessment

As defined at 10 CFR 1022.4, *Floodplain action* means any DOE action that takes place in a floodplain, including any DOE action in a wetland that is also within the floodplain. DOE has determined that the Project is a floodplain action.

Project Description

BSO proposes to construct, operate, and maintain the Project within and immediately adjacent to the existing Dry Piney Unit, approximately 10 miles northwest of La Barge in Sublette County, Wyoming. The project is within an area of existing oil and gas development and would be on Bureau of Land Management (BLM)–administered, state-owned, and privately owned lands.

The project is an integrated helium production, natural gas processing, and carbon sequestration development designed to expand domestic helium supply while permanently sequestering associated carbon dioxide (CO₂) and hydrogen sulfide (H₂S) from the Madison Formation, one of the largest conventional gas reservoirs in North America. The project includes production wells, a large-scale gas processing complex, and Class II acid gas injection infrastructure.

There are approximately 3.2 acres of permanent right of way and 0.7 acres of temporary construction right of way in Zone A, totaling 3.9 acres of the 100-year floodplain along the project route.

Construction is scheduled to begin in the third quarter of 2026 and would be completed by the third quarter of 2029. The new pipeline is expected to be in service for at least 40 years.

Alternatives

The alternatives before DOE include: (1) to provide Federal financial assistance for the Project; or (2) not provide Federal financial assistance for the Project. No siting alternatives were considered by DOE.

Proposed Statement of Findings

The 1977 FEMA flood zone map shows that the floodplain of Dry Piney Creek and Beaver Dam Creek intersect the project footprint at four locations along the pipeline corridor. The permanent gas processing facility is located outside of mapped floodplains therefore, floodplain interactions are limited to pipeline crossings of Dry Piney Creek and Beaver Dam Creek. The project has been designed to avoid floodplains where practicable. Where crossings are unavoidable, impacts are expected to be temporary and minimized through design measures, permitting, restoration, and compliance with applicable federal and state requirements.

The new pipeline placement will meet local and federal floodplain management requirements. The new pipeline will be designed to not affect base flood elevations. Work areas will be temporary and will not require modifications to site elevations. Temporary erosion controls will be installed and maintained until the work areas are restored and stabilized. Base flood elevations will not be affected by the Project.

Attachments

Figure 1 Dry Piney Helium, 100-year floodplain crossings

