RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: NETL SPR Advanced Geophysical Support

Title: FY26 Phase 1 Bryan Mound

Description: The proposed project would involve geophysical surveys at the SPR Bryan Mound site to better understand subsurface conditions and evaluate existing infrastructure. Work would include ground and airborne electromagnetic surveys, magnetic surveys to locate legacy wells, and testing of selected inactive well casings. The surveys would use helicopters, drones, ground equipment, and existing wells, with some limited excavation possible to verify buried wells. The information collected would help identify groundwater, lost product, legacy wells, subsurface features, and potential casing integrity issues.

Regulatory Requirements National Environmental Policy Act (NEPA) Implementing Procedures (10 Code of Federal Regulations (CFR) 1021)

10 CFR 1021.410 (Application of Categorical Exclusions)

(a) The actions listed in Appendices A and B of Subpart D are classes of actions that Department of Energy (DOE) has determined do not individually or cumulatively have a significant effect on the human environment (categorical exclusions).

(b) To find that a proposal is categorically excluded, DOE shall determine the following:

(1) The proposed action fits within a class of actions that is listed in Appendix A or B of Subpart D;

(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal; and

(3) The proposal is not "connected" (40 CFR 1508.25(a)(1)) to other actions with potentially significant impact, is not related to other proposed actions with cumulatively significant impacts (40 CFR 1508.25(a)(2)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Appendix B (Categorical Exclusions Applicable to Specific Agency Actions)
The proposed action must not:

1. Threaten a violation of statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders;
2. Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;
3. Disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)-excluded petroleum and natural gas products that preexist in the environment such that would be uncontrolled or un-permitted releases;
4. Have the potential to cause significant impacts on environmentally sensitive resources, which includes (i) property (sites, buildings, structures, and objects) of historical, archeological, or architectural significance; (ii) federally-listed and state-listed threatened or endangered species or their habitat, federally-protected marine mammals and essential fish habitat and otherwise federally-protected species; (iii) floodplains and wetlands; (iv) federally and state designated areas (wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, wildlife refuges, scenic areas, and marine sanctuaries); (v) prime or unique farmland; (vi) special sources of water (sole-source aquifers, wellhead protection areas, and other vital water resources); and (vii) tundra, coral reefs, or rain forests); or
5. Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species.

NEPA Preparer: Matthew Dubuc Creation Date: 10/08/2026

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Environmental Analysis: (mark all environmental aspects that are applicable to this project)

Air Emissions		Environmental Monitoring	X	Fire	
Green Procurement		Project Design		Waste	
Spills/Releases		Cavern Integrity		Discharges	
Energy Use		Natural Resource Conservation		Water Use	
Transportation		Chemical Use/Selection		Public Involvement	
Sustainable Building		Electronic Stewardship		Wetlands Permitting	
Clean Water		Pollution Prevention			

Categorical Exclusion (CX) Determination

NEPA review suggests this project is a Categorical Exclusion. This suggestion is based on review of the project description. If there are changes in the scope of this project additional NEPA review may be required.

CX to be applied B3.1

Site characterization and environmental monitoring (including, but not limited to, siting, construction, modification, operation, and dismantlement and removal or otherwise proper closure (such as of a well) of characterization and monitoring devices, and siting, construction, and associated operation of a smallscale laboratory building or renovation of a room in an existing building for sample analysis). Such activities would be designed in conformance with applicable requirements and use best management practices to limit the potential effects of any resultant ground disturbance. Covered activities include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA.

NEPA Approval

Based on my review of information conveyed to me and in my possession the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1) I have determined that the proposed action fits within the specified actions, the other regulatory requirements set forth above are met, and the action is hereby excluded from further NEPA review.

Approved By

DOE NEPA Compliance Officer *Spencer Colwell*

NEPA Review Summary

Created By:	Dubuc, Matthew (CONTR)
Date NEPA Review Initiated:	10/8/2026
Type of NEPA Review:	Type B
Project ID Number:	NETL SPR Advanced Geophysical Support
Title:	FY26 Phase 1 Bryan Mound
Publishing Title:	Record of Categorical Exclusion Determination for FY26 Phase 1 Bryan Mound (NETL SPR Advanced Geophysical Support)
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Auger, Jennifer (CONTR) ***MO Contractor Environmental Concurrence*** (Not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination)	10/8/2026 ***Compliance Date***
Dugar, Jeffery (CONTR) ***SPR Derivative Classifier*** (Only required for Type B)	10/8/2026 ***Compliance Date***
Woods, Will ***DOE ESH Director (or Acting)*** (Only required for Type B & Type A-DOE Only Record of NEPA Review)	10/8/2026 ***Compliance Date***
Colwell, Spencer ***DOE NEPA Compliance Officer (or Acting)***	10/26/2026 ***Compliance Date***

ALL SIGNATURES WERE CAPTURED VIA THE ELECTRONIC WORKFLOW SYSTEM

Click on the following Link to view the associated NEPA Document:

Click here to view NEPA Document

https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/Dubuc_Matthew_10_08_2026_09_08_27/NEPA CX - Phase 1 Bryan Mound FY26.docx