

## RECORD OF CATEGORICAL EXCLUSION DETERMINATION

**Project ID No.:** BH-OM-2020

**Title:** Rebuild of the Crude Oil Lab

**Description:** Subcontractor shall provide all tools, materials, piping, fittings, services, equipment, transportation, facilities and personnel to perform rebuild of the crude oil lab in building 802 at the Big Hill site. The work includes:

- Apply proper sealant to four (4) windows to prevent moisture/water intrusion
- Cover approx. 400 lineal feet of cold water pipes with insulation
- Install approx. 1000 s.f. of sheetrock wall board in accordance with Standard Specification 09250. USG Sheetrock Brand Mold Tough Firecode C Panel, ½" thickness or thickness to match existing if different
- Install approx. 88 s.f. of ceiling panels and batt insulation
- All sheetrock is to be finished in a government approved color and painting system as provided in Standard Specification 09901
- Install roof repair panel over the location of the roof penetration and roof jack of the chemical fume hood to be abated as required. Supply a roof panel to match the surrounding panels in color and fitment or submit for approval a compatible repair panel. Subcontractor will follow applicable
- Replace HVAC duct work in ceiling of the crude oil lab, estimated 150 lineal feet

**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

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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: 01/06/2020

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

|                      |   |                               |   |                     |   |
|----------------------|---|-------------------------------|---|---------------------|---|
| Air Emissions        | X | Environmental Monitoring      |   | Fire                |   |
| Green Procurement    |   | Project Design                |   | Waste               | X |
| Spills/Releases      |   | Cavern Integrity              |   | Discharges          |   |
| Energy Use           |   | Natural Resource Conservation |   | Water Use           |   |
| Transportation       |   | Chemical Use/Selection        | X | Public Involvement  |   |
| Sustainable Building | X | 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 A8

Award of contracts for technical support services, management and operation of a government-owned facility and personal services.

CX to be applied B1.15

Siting, construction or modification and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area. Covered support buildings and structures include, but are not limited to , those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small scale fabrication (such as machine shop activities), assembly and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities.

**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

*Stephen Reese*

# NEPA Review Summary

|                             |                              |
|-----------------------------|------------------------------|
| Created By:                 | Dubuc, Matthew               |
| Date NEPA Review Initiated: | 2/12/2020                    |
| Type of NEPA Review:        | Type B                       |
| Project ID Number:          | BH-OM-2020                   |
| Title:                      | Rebuild of the Crude Oil Lab |
| Workflow Status:            | Approved                     |

If Workflow Status is Rejected, see below for Reason:

## Concurrence Details:

**Auger, Jennifer** 2/12/2020  
*FFPO Environmental Concurrence* *Compliance Date*  
(not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination)

**Crosby, Thomas** 2/12/2020  
*SPR Derivative Classifier* *Compliance Date*  
(only required for Type B)

**Woods, Will** 2/17/2020  
*DOE ES&H Director (or Acting)* *Compliance Date*  
(only required for Type B & Type A-DOE Only Record of NEPA Review)

**Reese, Stephen** 2/18/2020  
*DOE NEPA Compliance Officer (or Acting)* *Compliance Date*

**ALL SIGNATURES WERE CAPTURED VIA THE ELECTRONIC WORKFLOW SYSTEM.**

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

[https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA\\_Uploaded\\_Documents/BH-OM-2020 - Rebuild Crude Oil Lab.docx, NEPA Doc](https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/BH-OM-2020 - Rebuild Crude Oil Lab.docx, NEPA Doc)