

**NEPA REVIEW SCREENING FORM (NRSF) 3**  
**Categorically Excluded Actions**

**Document ID #:**  
DOE/CX-00186,R5

**I. Project Title:**

HMIS Annual Categorical Exclusion (CX) B5.2, Modifications to Pumps and Piping for CY 2024

**II. Describe the proposed action, including location, time period over which proposed action will occur, project dimension (e.g., acres displaced/disturbed, excavation length/depth), and area/location/number of buildings. Attach narratives, maps and drawings of proposed action. Describe existing environmental conditions and potential for environmental impacts from the proposed action. If the proposed action is not a project, describe the action or plan.**

Hanford Mission Integration Solutions (HMIS) and their subcontractors perform modifications to existing pump and piping configurations (including, but not limited to, manifolds, metering systems, and other instrumentation on such configurations conveying materials such as air, brine, carbon dioxide, geothermal system fluids, hydrogen gas, natural gas, nitrogen gas, oil, produced water, steam, and water). Covered modifications would not have the potential to cause significant changes to design process flow rates or permitted air emissions.

Actions performed under this Annual CX include those listed in the HMIS Hanford Mission Essential Services Contract (No. 89303320DEM000031) with the Department of Energy (DOE), Richland Operations Office (RL), Section C, "Performance Work Statement." In addition, Sections J-3.a and J-3.b, "Hanford Site Services and Interface Requirements Matrix" and implementing protocols, policies, and procedures apply. The buildings, structures, infrastructures, and equipment covered by this Annual CX include those listed in Sections J.12, "Hanford Structure Responsibility Assignment Matrix" and J.13, "Hanford Waste Site Responsibility Assignment Matrix" where HMIS is the assigned contractor or provides services to other Hanford Site contractors.

This Annual CX covers recurring actions that meet the requirements [see 10 CFR 1021.410, "Application of Categorical Exclusions (classes of actions that normally do not require EAs or EISs)"] and conditions that are "integral elements" for applying CXs [see 10 CFR 1021, Subpart D, "B. Conditions that are Integral Elements of the Classes of Actions in Appendix B"]. To meet the requirements, actions would not individually or cumulatively have significant effects on the human environment; would fit CX definitions, including any caveats for use of the CX; would not have "extraordinary circumstances" that may affect the significance of environmental effects of the proposal; and would not be divided into smaller actions (segmentation) to meet CX definitions. Section V of this NEPA Review Screening Form provides a summary of integral elements [see 10 CFR 1021, Subpart D, Appendix B for a complete listing]. CXs include foreseeable activities necessary for implementing actions, such as award of grants and contracts, site preparation, purchase and installation of equipment, and associated transportation activities [10 CFR 1021.410(d)].

The HMIS Environmental Compliance Officers and NEPA Subject Matter Expert would ensure that applicable requirements and conditions are met prior to applying this Annual CX to actions. This includes compliance with the National Historic Preservation Act, Endangered Species Act, Clean Air Act, Clean Water Act, and other applicable laws and regulations; as well as conformance with applicable NEPA Environmental Assessments (EAs) or Environmental Impact Statements (EISs), such as the "Hanford Site Comprehensive Land Use Plan Environmental Impact Statement" (DOE/EIS-0222-F) and "Record of Decision" (ROD), which provides land use maps, designations, policies, and procedures.

This Annual CX is approved pursuant to 10 CFR 1021.410(f) in which proposed recurring actions undertaken during a specified time period, such as routine maintenance for a year, may be addressed in a single CX determination after considering the potential aggregated impacts to ensure no extraordinary circumstances exist. Any changes to this Annual CX require approval by the DOE NEPA Compliance Officer.

**III. Existing Evaluations (Provide with NRSF to DOE NCO):**

Maps:

N/A

Other Attachments:

N/A

**IV. List Applicable CX(s) from Appendix B to Subpart D of 10 CFR 1021:**

B5.2, Modifications to Pumps and Piping

<b>NEPA REVIEW SCREENING FORM 3</b> <b>Categorically Excluded Actions (Continued)</b>	<b>Document ID #:</b> DOE/CX-00186, R5	
<b>V. Integral Elements and Extraordinary Circumstances (See 10 CFR 1021, Subpart D, B. Conditions that are Integral Elements of the Class of Actions in Appendix B; and 10 CFR 1021.410(b)(2) under Application of Categorical Exclusions)</b>	<b>Yes</b>	<b>No</b>
Are there extraordinary circumstances that may affect the significance of the environmental effects of the proposed action? If yes, describe them.	<input type="radio"/>	<input checked="" type="radio"/>
Is the proposed action connected to other actions with potentially significant impacts, or that could result in cumulatively significant impacts? If yes, describe them.	<input type="radio"/>	<input checked="" type="radio"/>
Would the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements related to the environment, safety, health, or similar requirements of DOE or Executive Orders?	<input type="radio"/>	<input checked="" type="radio"/>
Would the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	<input type="radio"/>	<input checked="" type="radio"/>
Would the proposed action disturb hazardous substances, pollutants, contaminants, or natural gas products already in the environment such that there might be uncontrolled or unpermitted releases?	<input type="radio"/>	<input checked="" type="radio"/>
Would the proposed action have the potential to cause significant impacts on environmentally sensitive resources? See examples in Appendix B(4) to Subpart D of 10 CFR 1021.	<input type="radio"/>	<input checked="" type="radio"/>
Would the proposed action involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, such that the action is not contained or confined in a manner designed, operated, and conducted in accordance with applicable requirements to prevent unauthorized release into the environment?	<input type="radio"/>	<input checked="" type="radio"/>
If "No" to all questions above, complete Section VI, and provide NRSF and any attachments to DOE NCO for review. If "Yes" to any of the questions above, contact DOE NCO for additional NEPA review.		
<b>VI. Responsible Organization's Signatures:</b>		
<b>Initiator:</b>		
<u>Cody M. Schrader, HMIS NEPA SME</u> <i>Print First and Last Name</i>	<b>CODY SCHRADER</b> <i>(Affiliate)</i>	<i>Digitally signed by CODY SCHRADER (Affiliate)</i> <i>Date: 2023.10.17 14:11:51 -07'00'</i>
<b>Cognizant Program/Project Representative:</b>		
<u>N/A</u> <i>Print First and Last Name</i>	<hr style="border: 0; border-top: 1px solid black;"/> <i>Signature / Date</i>	
<b>VII. DOE NEPA Compliance Officer Approval/Determination:</b>		
Based on my review of information conveyed to me concerning the proposed action, the proposed action fits within the specified CX(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<u>Douglas H. Chapin, DOE Hanford NCO</u> <i>Print First and Last Name</i>	<b>DOUGLAS CHAPIN</b> <i>Digitally signed by DOUGLAS CHAPIN</i> <i>Date: 2023.12.12 15:20:07 -08'00'</i>	
NCO Comments:		