

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

Document ID #:

DOE/CX-00193

I. Project Title:

Activity-Specific Categorical Exclusion for Project Z-272, Parking Lot Construction East of the 6088 Field Exercise Building at the HAMMER Federal Training Center

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.

The U.S. Department of Energy (DOE), Richland Operations Office (RL), Infrastructure and Services Division proposes to construct a parking lot at the "Volpentest Hazardous Materials Management and Emergency Response (HAMMER) Federal Training Center" located in the southeastern portion of the Hanford Site, north of Horn Rapids Road. The proposed project would construct a graveled parking lot with lighting east of the 6088 Field Exercise Building (see Figure 1), which would measure approximately 240-feet by 210-feet. Construction activities would involve blading and grading up to 2-feet in depth. Underground conduit would be installed to connect parking lot lighting to existing electrical service adjacent to the 6088 Field Exercise Building. Excavations for installation of light poles would measure approximately 2-feet in diameter by 6-feet deep. A trench measuring 600-feet long by 1.5-feet wide by 2-feet deep would be excavated to install electrical conduit for the lighting. The proposed project would include installation of a drainage basin to ensure proper drainage and control storm water runoff. The drainage basin would measure approximately 50-feet by 125-feet by 4-feet deep.

ECOLOGICAL RESOURCES REVIEW (ECR-2019-616). DOE-RL Ecological Monitoring and Environmental Surveillance (EM&ES) performed a field survey of the project area on April 25, 2019 (see Figure 2). Nonnative annual grasses dominate the project area. Other native and nonnative plant species were observed. Wildlife noted during the field survey included several species of birds and mammals. The project area is classified as an invasive annual grassland, which is considered a Hanford Biological Resources Management Plan (BRMP; DOE/RL-96-32 Revision 2) Level 1 habitat, which does not require compensatory mitigation. The primary management goal for BRMP Level 1 habitat is mission support and the management goal is to avoid/minimize impacts.

Birds can nest within the project area on the ground, buildings, or equipment and the nesting season is typically from mid-March to mid-July. EM&ES would instruct project personnel to watch for nesting birds. If any nesting birds are encountered or suspected, or bird defensive behaviors are observed within the project area, then project personnel would contact EM&ES to evaluate the situation.

EM&ES would perform a nesting bird survey if ground-clearing activities occur during the nesting season. Project personnel would notify EM&ES at least one week prior to ground disturbing activities to schedule a nesting bird survey. All land areas disturbed by the project that are not needed for continued project use, access, or safety considerations would be revegetated with locally derived native plant species. The Hanford Site Revegetation Manual (DOE/RL-2011-116, Rev. 1) provides guidance regarding species mix, planting rates, and methods. EM&ES anticipates no adverse ecological resource impacts from the proposed project.

CULTURAL RESOURCES REVIEW (HCRC-2011-600-047). The DOE-RL Cultural and Historic Resources Program (CHRP) conducted a cultural resources review (CRR) for the project area on March 20, 2019 (see Figure 2). CHRP determined that all "National Historic Preservation Act" (NHPA) Section 106 requirements for the proposed undertaking have been previously met as documented by C. Clark, E. Peters, and K. Mendez in the CRR for "Construction of a New Field Exercise Building at the HAMMER Facility in the 600 Area of the Hanford Site, Benton County, Washington (HCRC-2011-600-047)." The location of the proposed project is within the "Area of Potential Effects" (APE) reviewed under the CRR, which included the construction of parking lots. No cultural monitoring or further cultural resource investigations are required. CHRP approved the CRR on December 19, 2011.

Project management would watch for cultural materials (bones, stone tools, mussel shell, cans, and bottles) during parking lot construction activities. If cultural materials were encountered, then work near the discovery would stop until a CHRP archaeologist has been contacted, the significance of the find assessed, appropriate Tribes notified, and if necessary, arrangements made for mitigation of the find. CHRP anticipates no adverse cultural resource impacts from the proposed project.

NEPA REVIEW SCREENING FORM 3A
Categorically Excluded Actions (Continued)

Document ID #:
DOE/CX-00193

CONCLUSION. 10 CFR 1021, Subpart D, Appendix B, Categorical Exclusion B1.15, "Support Buildings," addresses the Proposed Action. This CX provides for the siting, construction or modification, and operation of support buildings and support structures within or contiguous to an already developed area where active utilities and currently used roads are readily accessible. Covered support buildings and structures include those for parking. Changes to the Proposed Action require DOE-RL NEPA Compliance Officer approval.

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

Ecological Review Report No. and Title:

MSA-1901814, "Ecological Clearance for Construction of a Parking Lot East of 6088 at the HAMMER Facility, Hanford Site, ECR-2019-616."

Cultural Review Report No. and Title:

MSA-1901146, "Cultural Resource Clearance for Construction of a Parking Lot East of 6088 at the HAMMER Facility, 600 Area, Hanford Site, Benton County, Washington (HCRC-2011-600-047.)"

Maps:

Figure 1. HAMMER Federal Training Center Map

Other Attachments:

Figure 2. HAMMER Federal Training Center Proposed Parking Lot Project Area and Area of Potential Effects (APE)

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

10 CFR 1021, Subpart D, Appendix B, Categorical Exclusion B1.15, "Support Buildings"

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)

	Yes	No
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.

VI. Responsible Organization's Signatures:

Initiator:

Jerry W. Cammann, MSA/NEPA-SME Jerry W Cammann 5/30/2019
 Print First and Last Name Signature Date

Cognizant Program/Project Representative:

Douglas (Chris) Smith, DOE-RL/ISD [Signature] 6/20/2019
 Print First and Last Name Signature Date

VII. DOE NEPA Compliance Officer Approval/Determination:

Based on my review of information conveyed to me concerning the proposed action, the proposed action fits within the specified CX(s): Yes No

Diori L. Kreske, DOE-RL/NCO [Signature] 6/20/19
 Print First and Last Name Signature Date

NCO Comments:

NEPA REVIEW SCREENING FORM 3A
Categorically Excluded Actions (Continued)

Document ID #:

DOE/CX-00193

NCO Comments:

FIGURE 1. HAMMER Federal Training Center Map

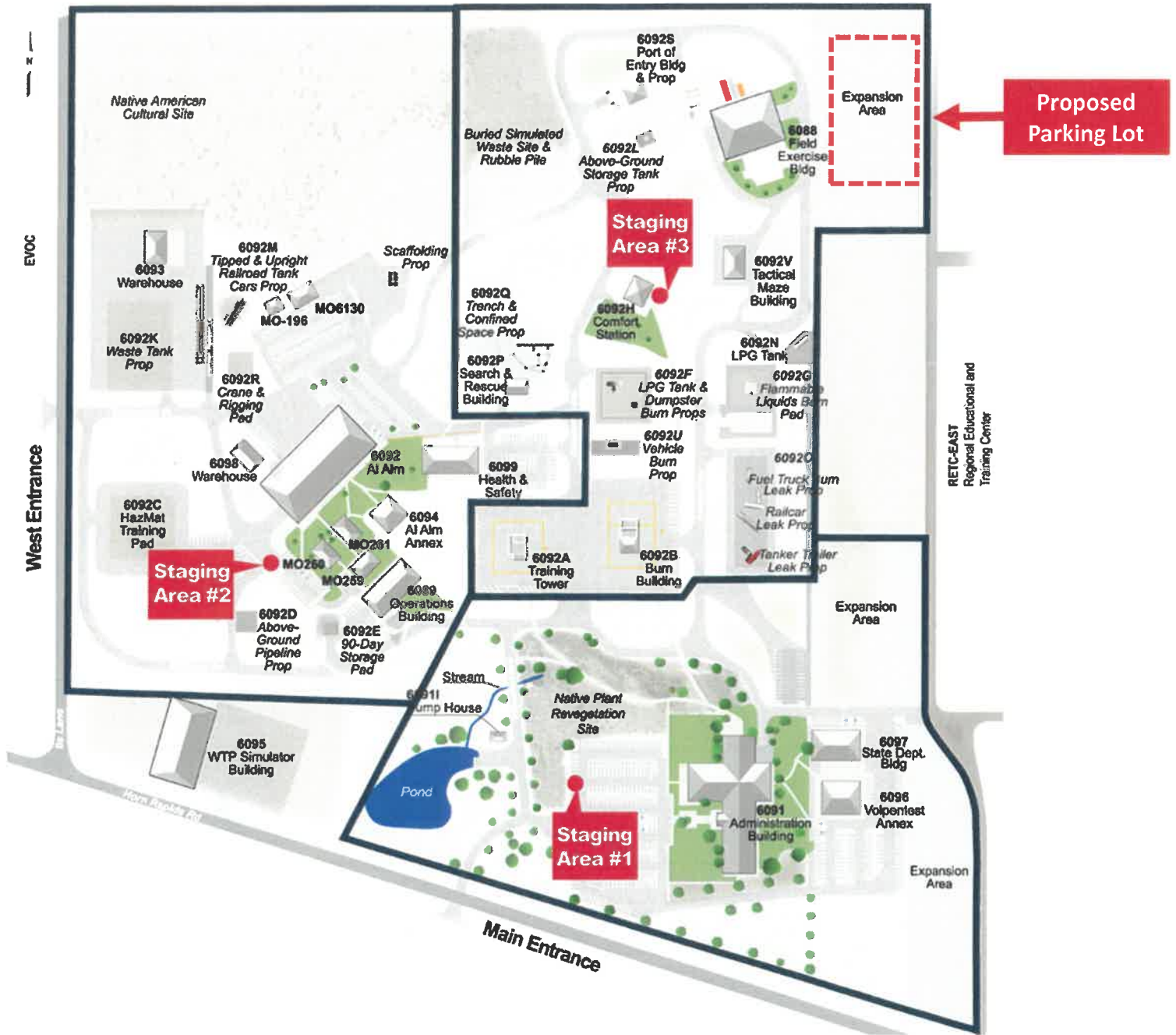


FIGURE 2. HAMMER Federal Training Center Proposed Parking Lot Project Area and Area of Potential Effects (APE)



Legend
 Project Area
 HCRC#2011-600-047 APE

Richard WA T5 USGS Quad
 Township 10 N Range 28 E
 Sections 9 & 10

NOTES Aerial Imagery 2017 MAP



Project Area
 HCRC#2011-600-047
 Proposed Site, Benton County, WA