RL-721
REV 7

NEPA REVIEW SCREENING FORM

Document ID Number:
DOE/CX-00085, Rev 1

I. Project Title:

CH2MHill Plateau Remediation Company - Installation or Relocation of Machinery and Equipment, October 2014 to October 2015

II. Project Description and Location (including Time Period over which proposed action will occur and Project Dimensions - e.g., acres displaced/disturbed, excavation length/depth, area/location/number of buildings, etc.):

CH2MHill Plateau Remediation Company (PRC) and its subcontractors perform installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts.

Actions performed under this Annual CX include, but are not limited to, those actions listed in the PRC contract, DE-AC06-08RL14788, Section J.2., "Hanford Site Services and Interface Requirements Matrix" and implementing protocols, policies, and procedures. The buildings, structures, infrastructures, and equipment subject to this annual CX include, but are not limited to, those listed in Sections J.13, "Hanford Site Structures List" and J.14, "Hanford Waste Site Assignment List" where PRC is the assigned contractor or provides other services to other Hanford contractors. The PRC contract includes the original contract and subsequent modifications/amendments executed to adjust terms, conditions and other requirements contained therein.

Actions performed under this Annual CX shall not individually or cumulatively have a significant effect on the human environment. This Annual CX shall only be applied to actions that meet the requirements (i.e., 10 CFR 1021.410) and conditions that are "integral elements" (i.e., 10 CFR 1021, Subpart D, Appendix B) for categorically excluding actions under the provisions of the NEPA regulations. There shall be no extraordinary circumstances where normally excluded actions may have significant effects on the human environment.

To avoid extraordinary circumstances potentially affecting ecological resources, ecological resources reviews shall be performed in accordance with established protocols, policies, and procedures to identify plant and animal species for protection under the Endangered Species Act, candidates for protection, or listing by federal or state agencies as threatened or endangered consistent with DOE/RL-96-32, "Hanford Site Biological Resources Management Plan" or other applicable guidance documents and agreements. Caution shall be exercised during the bird nesting season (mid-March to mid-July). If nesting birds, pair of birds of the same species, or bird defensive behaviors is observed, then work shall stop and a qualified Ecological Resources Specialist shall be contacted for guidance. Actions that potentially affect ecological resources shall require a resources review and clearance before proceeding. This includes, but may not be limited to, actions that require an excavation permit; disturb the ground; remove or modify dead or living vegetative cover; occur within a Bald Eagle exclusion zone; expand roadways/parking lots; require off-road travel; involve unusual noise, light, or chemicals that may affect wildlife; located on the Hanford Reach National Monument; located in a posted ecologically sensitive area; conducted on the outside of structures; conducted in abandoned structures; and have the potential to alter or affect the living environment. If an ecological resources review determines potentially adverse impacts, then appropriate mitigation actions shall be identified and implemented to avoid, minimize, eliminate, rectify, or compensate the impacts.

To avoid extraordinary circumstances potentially affecting cultural resources, cultural resources reviews shall be performed in accordance with established protocols, policies, and procedures to identify resource protection consistent with the "Programmatic Agreement among the U.S. Department of Energy, Advisory Council on Historic Preservation, and Washington State Historic Preservation Office for Maintenance, Deactivation, Alteration, and Demolition of the Built Environment on the Hanford Site" (DOE/RL-96-77); the "Hanford Site Manhattan Project and Cold War Era Historic District Treatment Plan" (DOE/RL-97-56); the "Cultural Resources Management Plan" (DOE/RL-98-10), and other applicable guidance documents and agreements (e.g., "Gable Mountain and Gable Butte Management Plan" [DOE/RL-2008-17]). Cultural sensitivity shall be determined using site location topographic maps, geographic information system databases, and/or pedestrian surveys to identify

proximity to cultural resources (i.e., historic buildings, traditional cultural properties, artifacts, and previously recorded archaeological sites).

Actions located within the geographic boundary of a significant cultural resource or historic property, Traditional Cultural Property (including but not limited to Rattlesnake Mountain, Gable Mountain, Gable Butte, Mooli Mooli, and other undocumented areas), cemetery or burial or within 400 meters of the Columbia River may be located in culturally sensitive areas.

DOE/RL-96-77 exempts from cultural resources review certain actions that take place indoors or do not affect certain facilities identified in Tables A.5 through A.7 of DOE/RL-97-56. These actions are listed in Stipulation III of DOE/RL-96-77 and include, but may not be limited to, routine maintenance; replacement in kind; refinishing in kind; energy conservation measures; security and personal safety systems; actions associated with post-cold war buildings and structures; asbestos abatement actions; and facility transition actions to deactivate, de-energize, or isolate systems. Exemptions are also provided for mobile trailers, modular buildings, subsurface structures, storage tanks, wells/boreholes, and towers. If the action affects a facility that appears in Tables A.5 or A.6 of DOE/RL-97-56 and the undertaking is not exempt based on Section III.B of DOE/RL-96-77, then a cultural resources review shall be performed.

Historic structures or locations that require cultural resources review and clearance include, but may not be limited to, Bruggeman Warehouse/Ranch, Allard Pump House, White Bluffs Log Cabin, Hanford Townsite, Hanford High School, Hanford Substation, White Bluffs Townsite, White Bluffs Bank, AAA Military Camps, NIKE Missile Base, and selected historic buildings (303-A, 314, 305, 1116-N, 212-N, 181-B, 105-B, 116-B, 276-B, 222-T, 221-T, 291-T, 183-KW, 234-5Z, 291-Z, 232-Z, and 2736-Z).

Workers shall be directed to watch for cultural materials (i.e., bones, stone tools, mussel shells, cans, bottles, etc.). If encountered, then work near the discovery shall stop until a qualified Cultural Resource Specialist is contacted, the significance of the find determined, appropriate Tribes notified, and mitigation arranged and implemented, as needed.

CHPRC uses an Environmental Activity Screening Form (EASF) to review projects. It shall be incumbent upon the Environmental Compliance Officers, NEPA Subject Matter Experts, or other NEPA trained individuals to ensure that the requirements and conditions discussed herein are met prior to applying this Annual CX to actions. They shall also be responsible for ensuring that no extraordinary circumstances exist where normally excluded actions may have significant effects on the human environment.

This annual CX is approved pursuant to 10 CFR 1021.410(f) which states that "proposed recurring actions undertaken during a specified time period, such as routine maintenance for a year, may be addressed in a single categorical exclusion determination after considering the potential aggregated impacts" to ensure no extraordinary circumstances exist. This annual CX will expire one year from the date authorized by the Hanford NEPA Compliance Officer and will require reauthorization on an annual basis.

III. Reviews (if applicable):

Biological Review Report #: Biological review/clearance required as discussed in Section II.

Cultural Review Report #: Cultural review/clearance required as discussed in Section II.

Additional Attachments:

Biological resource reviews conducted per DOE/RL-96-32. Cultural resource reviews conducted per DOE/RL-96-77, DOE/RL-98-10, and other guidance as applicable.

IV. Existing NEPA Documentation	YES	NO
Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?	☐	☒

If "NO," proceed to Section V. If "YES," List EA, EIS, or CERCLA Document(s) Title and Number:

N/A

And then complete Section VI. Provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information only. DOE NCO signature is not required.

RL-721 REV 7	**NEPA REVIEW SCREENING FORM (continued)**	**Document ID Number:** DOE/CX-00085, Rev 1

V. Categorical Exclusion	YES	NO
Does the proposed action fall within a class of actions that is listed in Appendixes A or B to Subpart D of 10 CFR Part 1021?	☒	☐
Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	☐	☒
Is the proposal connected to other actions with potentially significant impacts or result in cumulatively significant impacts (not precluded by 40 CFR 1506.1 or 10 CFR 1021.211)?	☐	☒

List CX to be applied and complete Categorical Exclusion Integral Elements (where an action might fit within multiple CXs, use the CX that best fits the proposed action):

10 CFR 1021, Subpart D, App. B, B1.31, Installation or relocation of machinery & equipment

Categorical Exclusion Integral Elements	YES	NO
Does the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, or health, including DOE and/or Executive Orders?	☐	☒
Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	☐	☒
Does the proposed action disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases?	☐	☒
Does the proposed action adversely affect environmentally sensitive resources?	☐	☒
Does 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 to applicable requirements to prevent unauthorized release into the environment?	☐	☒

If "NO" to all Categorical Exclusion Integral Elements questions above, complete Section VI, and provide to DOE NCO for final Approval/ Determination and signature in Section VII.

If "YES" to any of the Categorical Exclusion Integral Elements questions above, contact DOE NCO for additional NEPA Review.

VI. Responsible Contractor Signatures

	Name (Printed)	Signature	Date
Initiator	Paul W. Martin	Paul W. Martin	10/2/14
Cognizant Environmental Compliance Officer	Brett M. Barnes	Brett M Barnes	10/2/14

VII. Approval/Determination

DOE NEPA Compliance Officer: Diori L. Kreske, NEPA Compliance Officer (NCO)

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class of action:

NCO Determination - ☒ CX ☐ EA ☐ EIS

Signature: Diori Kreske Date: 10/22/14