RL-721 REV 7	NEPA REVIEW SCREENING FORM	Document ID Number: DOE/CX-00084, Rev 1A

I. Project Title:

CH2MHill Plateau Remediation Company - Facility Safety and Environmental Improvements, March 2014 to March 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 safety and environmental improvements of a facility (including but not limited to, replacement and upgrade of facility components) that do not result in a significant change in the expected useful life, design capacity, or function of the facility and during which operations may be suspended and then resumed. These improvements will be conducted on the Hanford Site in accordance with the categorical exclusion (CX) referenced in 10 CFR 1021, Appendix B, CX B2.5, "Facility Safety and Environmental Improvements". Improvements include, but are not limited to, replacement/upgrade of control valves, in-core monitoring devices, facility air filtration systems, or substation transformers or capacitors; addition of structural bracing to meet earthquake standards and/or sustain high wind loading; replacement of aboveground or belowground tanks and related piping, provided that there is no evidence of leakage, based on testing in accordance with applicable requirements (such as 40 CFR Part 265, "Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities"; and 40 CFR Part 280, "Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks"). These actions do not include rebuilding or modifying substantial portions of a facility (such as replacing a reactor vessel).

Actions performed under this Annual CX include, but are not limited to, 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 will not individually or cumulatively have a significant effect on the human environment. This annual CX will only be applied to actions that meet the requirements of 10 CFR 1021.410 and conditions that are "integral elements" as described at 10 CFR 1021, Subpart D, Appendix B for categorically excluded actions under 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 from 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, a pair of bird of the same species, or bird defensive behaviors are observed, then work will be stopped and the Environmental Compliance Officer contacted. If necessary, a qualified Ecological Resources Specialist will be contacted for guidance. Actions that potentially affect ecological resources shall be reviewed and cleared 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 with a Bald Eagle exclusion zone; expand roadways or parking lots; require off-road travel; involve unusual noise, lights 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 on abandoned structures; and have the potential to alter or affect the living environment. If an ecological resources review determines potentially adverse impacts, then appropriate mitigative 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 an Demolition of the Built Environmental 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 "Hanford Cultural Resources Management Plan" (DOE/RL-98-10), and other applicable guidance documents and agreements, e.g., "Gable Mountain and Gable Butte Resource 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 DOE defined boundaries of Hanford's prominent land forms, i.e., Gable Butte, Gable Mountain, Rattlesnake Mountain, Umtanum Ridge, etc.; and within 1/4 quarter mile of the Columbia River are considered to 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 DOE/RL-97-56, Tables A.5 through A.7. These actions are listed in DOE/RL-96-77, Stipulation III and include, but are 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 DOE/RL-97-56, Tables A.5 or A.6 and the undertaking is not exempt based on DOE/RL-96-77, Section III.B, then a cultural resources reviews 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 will be stopped 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. The Environmental Compliance Officers, NEPA Subject Matter Expert, or other NEPA trained individuals must ensure that the conditions discussed in this annual CX are met prior to application. 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 reviews/clearances required as discussed in Section II.

Cultural Review Report #: Cultural reviews/clearances 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.

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NEPA REVIEW SCREENING FORM (continued)

Document ID Number: DOE/CX-00084, Rev 1A

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:

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.

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):

B2.5 Facility Safety and Environmental Improvements

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	2/24/14
Cognizant Environmental Compliance Officer	Brett M. Barnes	Brett M Barnes	2/24/14

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: 2/27/14