

Date Received for Clearance Process  
(MM/DD/YYYY) 12/11/2017 JDA  
12/05/2017

### INFORMATION CLEARANCE FORM

- A. Information Category
- Abstract
  - Journal Article
  - Summary
  - Internet
  - Visual Aid
  - Software
  - Full Paper
  - Report
  - Other NEPA CX

B. Document Number DOE/CX-00088, Rev. 4

C. Title  
NEPA Review Screening Form - CHPRC  
Cleanup Actions, December 2017 to December 2018

D. Proposed Internet Address

- E. Required Information (MANDATORY)
1. Is document potentially Classified?  No  Yes  
Robert R Nielson  
Manager Required (Print and Sign)
- If Yes N/A  
ADC Required (Print and Sign)  No  Yes Classified
2. Official Use Only  No  Yes Exemption No. \_\_\_\_\_
3. Export Controlled Information  No  Yes OOU Exemption No. 3
4. UCNI  No  Yes
5. Applied Technology  No  Yes OOU Exemption No. 5
6. Other (Specify) N/A

7. Does Information Contain the Following:
- a. New or Novel (Patentable) Subject Matter?  No  Yes  
If "Yes", OOU Exemption No. 3  
If "Yes", Disclosure No.: N/A
- b. Commercial Proprietary Information Received in Confidence, Such as Proprietary and/or Inventions?  
 No  Yes If "Yes", OOU Exemption No. 4
- c. Corporate Privileged Information?  No  Yes  
If "Yes", OOU Exemption No. 4
- d. Government Privileged Information?  No  Yes  
If "Yes", Exemption No. 5
- e. Copyrights?  No  Yes If "Yes", Attach Permission.
- f. Trademarks?  No  Yes If "Yes", Identify in Document.
8. Is Information requiring submission to OSTI?  No  Yes
9. Release Level?  Public  Limited

F. Complete for a Journal Article

1. Title of Journal N/A

G. Complete for a Presentation

1. Title for Conference or Meeting N/A
2. Group Sponsoring N/A
3. Date of Conference N/A
4. City/State N/A
5. Will Information be Published in Proceedings?  No  Yes
6. Will Material be Handed Out?  No  Yes

H. Information Owner/Author/Requestor  
Noah S Cruz  
(Print and Sign)

Responsible Manager  
Robert R Nielson  
(Print and Sign)

Approval by Direct Report to President (Speech/Articles Only) N/A  
(Print and Sign)

I. Reviewers	Yes	Print	Signature	Public Y/N (If N, complete J)
General Counsel	<input checked="" type="checkbox"/>	<u>R.T. Swenson/E.D. Trotta</u>		Y / N
Office of External Affairs	<input type="checkbox"/>	_____	_____	Y / N
DOE	<input type="checkbox"/>	_____	_____	Y / N
Other	<input checked="" type="checkbox"/>	<u>J.D. Aardal</u>	<u>Y - Public, See below.</u>	Y / N
Other	<input type="checkbox"/>	_____	_____	Y / N
Other	<input type="checkbox"/>	_____	_____	Y / N

J. Comments  
DOE requested Information Clearance Form with NEPA categorical exclusion (RL-721 Form).

Information Clearance Approval

**APPROVED**  
By Janis Aardal at 10:10 am, Dec 11, 2017

**Approved for Public Release;  
Further Dissemination Unlimited**

**NEPA REVIEW SCREENING FORM  
for Actions Included in CXs**

Document ID #:

DOE/CX-00088Rev4

**i. Project Title:**

CH2MHill Plateau Remediation Company- Cleanup Actions, ~~September~~ <sup>December</sup> 2017 to ~~December~~ <sup>December</sup> 2018

**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), area/location/number of buildings. Attach maps and drawings, as applicable. 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.**

CH2MHill Plateau Remediation Company (PRC) and its subcontractors perform small-scale, short-term cleanup actions, under RCRA, Atomic Energy Act, or other authorities, that cost less than approximately 10 million dollars (in 2011 dollars), to reduce risk to human health or the environment from the release or threat of release of a hazardous substance other than high-level radioactive waste and spent nuclear fuel, including treatment (such as incineration, encapsulation, physical or chemical separation, and compaction), recovery, storage, or disposal of wastes at existing facilities currently handling the type of waste involved in the action. These actions include, but are not limited to:

(a) Excavation or consolidation of contaminated soils or materials from drainage channels, retention basins, ponds, and spill areas that are not receiving contaminated surface water or wastewater, if surface water or groundwater would not collect and if such actions would reduce the spread of, or direct contact with, the contamination;

(b) Removal of bulk containers (such as drums and barrels) that contain or may contain hazardous substances, pollutants, contaminants, CERCLA-excluded petroleum or natural gas products, or hazardous wastes (designated in 40 CFR part 261 or applicable state requirements), if such actions would reduce the likelihood of spillage, leakage, fire, explosion, or exposure to humans, animals, or the food chain;

(c) Removal of an underground storage tank including its associated piping and underlying containment systems in accordance with applicable requirements (such as RCRA, subtitle I; 40 CFR part 265, subpart J; and 40 CFR part 280, subparts F and G) if such action would reduce the likelihood of spillage, leakage, or the spread of, or direct contact with, contamination;

(d) Repair or replacement of leaking containers;

(e) Capping or other containment of contaminated soils or sludges if the capping or containment would not unduly limit future groundwater remediation and if needed to reduce migration of hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products into soil, groundwater, surface water, or air;

(f) Drainage or closing of man-made surface impoundments if needed to maintain the integrity of the structures;

(g) Confinement or perimeter protection using dikes, trenches, ditches, or diversions, or installing underground barriers, if needed to reduce the spread of, or direct contact with, the contamination;

(h) Stabilization, but not expansion, of berms, dikes, impoundments, or caps if needed to maintain integrity of the structures;

(i) Drainage controls (such as run-off or run-on diversion) if needed to reduce offsite migration of hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum or natural gas products or to prevent precipitation or run-off from other sources from entering the release area from other areas

**NEPA REVIEW SCREENING FORM**  
**for Actions Included in CXs (Continued)**

Document ID #:  
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**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), area/location/number of buildings. Attach maps and drawings, as applicable. 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.**

(j) Segregation of wastes that may react with one another or form a mixture that could result in adverse environmental impacts;

(k) Use of chemicals and other materials to neutralize the pH of wastes;

(l) Use of chemicals and other materials to retard the spread of the release or to mitigate its effects if the use of such chemicals would reduce the spread of, or direct contact with, the contamination;

(m) Installation and operation of gas ventilation systems in soil to remove methane or petroleum vapors without any toxic or radioactive co-contaminants if appropriate filtration or gas treatment is in place;

(n) Installation of fences, warning signs, or other security or site control precautions if humans or animals have access to the release; and

(o) Provision of an alternative water supply that would not create new water sources if necessary immediately to reduce exposure to contaminated household or industrial use water and continuing until such time as local authorities can satisfy the need for a permanent remedy.

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 modification/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 resource 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

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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 resource 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, the Hanford Site Manhattan Project National Historic Park, including the Bruggemann Agricultural Complex Warehouse, White Bluffs Bank, Hanford High School, B Reactor, and Hanford Irrigation District Pump House. Other historic structures and locations include the White Bluffs Log Cabin, Hanford Townsite, Hanford Substation, White Bluffs Townsite, 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

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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. Applicable Reviews (attach to NRSF):**

Biological Review Report #: \_\_\_\_\_

Cultural Review Report #: \_\_\_\_\_

Additional Attachments: \_\_\_\_\_

**IV: Existing Documentation:**

Are the impacts of the proposed action evaluated in a previous EA, EIS, or CERCLA document?  Yes  No

If "YES", use Site Form A-6006-948, *Actions Adequately Evaluated in NEPA or CERCLA Document*

**V. Categorical Exclusion:**

Does the proposed action fall within a category of actions that is listed in Appendixes A or B to Subpart D of 10 CFR 1021? If extraordinary circumstances or integral elements would preclude the use of a CX, check "No".  Yes  No

Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?  Yes  No

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)?  Yes  No

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, Appendix B, B6.1, "Cleanup Actions"

**NEPA REVIEW SCREENING FORM  
for Actions Included in CXs (Continued)**

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**Categorical Exclusion Integral Elements:**

Would the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, or health, including DOE and/or Executive Orders?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Would the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Would 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Would the proposed action adversely affect environmentally sensitive resources?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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="checkbox"/> Yes <input checked="" type="checkbox"/> No

If "NO" to all Integral Elements questions above, complete Section VI, and provide NRSF to DOE NCO for review. If "YES" to any of the Categorical Exclusion Integral Elements questions above, contact DOE NCO for additional NEPA Review.

**VI. Responsible Contractor Signatures:**

**Initiator:**

Noah S Cruz *NS Cruz* 11/1/2017  
 Name Print Signature Date

**Cognizant Environmental Compliance Officer:**

Paul W Martin *Paul W Martin* 11/1/17  
 Name Print Signature Date

**VII. DOE 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), the proposed action fits within the specified class of action:

NCO Determination:  CX \*NCO Recommendation:  EA  EIS

*Diori Kreske* 12/5/17  
 Signature Date

\*NRSF A-8006-950 would be completed by responsible contractor