

NEPA REVIEW SCREENING FORM

Document ID Number:

DOE/CX-00088

I. Project Title:

CH2MHill Plateau Remediation Company - Cleanup Actions, December 2012 to December 2013

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) will be conducting cleanup actions on the Hanford Site in accordance with the categorical exclusion (CX) referenced in 10 CFR 1021, Appendix B, CX B6.1 "Cleanup actions". PRC Projects include all those identified Sections J.13 and J.14 of the PRC Contract, DE-AC06-08RL14788.

Small-scale, short-term cleanup actions, under RCRA, Atomic Energy Act, or other authorities, less than approximately 10 million dollars in cost (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 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 activities would include, but not be limited to:

- 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;
- 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 WAC 173-303-070), if such actions would reduce the likelihood of spillage, leakage, fire, explosion, or exposure to humans, animals, or the food chain;
- 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 [Tank Systems]; and 40 CFR part 280, subparts F [Release response] and G [Closure]) if such action would reduce the likelihood of spillage, leakage, or the spread of, or direct contact with, contamination;
- Repair or replacement of leaking containers;
- 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;
- 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;
- Stabilization, but not expansion, of berms, dikes, impoundments, or caps if needed to maintain integrity of the structures;
- 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;
- Segregation of wastes that may react with one another or form a mixture that could result in adverse environmental impacts;
- Use of chemicals and other materials to neutralize the pH of wastes;
- 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;

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

Prior to work, all locations will be evaluated to determine if ecological/biological or cultural reviews are needed.

**III. Reviews (if applicable):**

Biological Review Report #: Biological reviews will be conducted when required.

Cultural Review Report #: Cultural reviews will be conducted when required.

Additional Attachments:

N/A

**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.

**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):

B6.1 Cleanup actions

**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 | <i>Paul W. Martin</i> | 12/12/12 |
| Cognizant Environmental Compliance Officer | Lee C. Tuott   | <i>Lee C. Tuott</i>   | 12-12-12 |

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VII. Approval/Determination

DOE NEPA Compliance Officer: Woody Russell

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: Woody Russell

Date: 12/14/12