

**NEPA REVIEW SCREENING FORM**

**I. Project Title:**

CH2MHill Plateau Remediation Company - Site Characterization and Environmental Monitoring, 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 site characterization and environmental monitoring on the Hanford Site in accordance with the categorical exclusion (CX) referenced in 10 CFR 1021, Appendix B, CX B3.1, "Site characterization and environmental monitoring". PRC Projects include all those identified Sections J.13 and J.14 of the PRC Contract, DE-AC06-08RL14788.

Site characterization and environmental monitoring (including, but not limited to, siting, construction, modification, operation, and dismantlement and removal or otherwise proper closure (such as of a well) of characterization and monitoring devices, and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis). Such activities would be designed in conformance with applicable requirements and use best management practices to limit the potential effects of any resultant ground disturbance. Covered activities include, but are not limited to, site characterization and environmental monitoring under CERCLA, TSCA, CAA, CWA and RCRA.

These routine activities include, but are not be limited to:

- Geological, geophysical (such as gravity, magnetic, electrical, seismic, radar, and temperature gradient), geochemical, and engineering surveys and mapping, and the establishment of survey marks. Seismic techniques would not include large-scale reflection or refraction testing;
- Installation and operation of field instruments (such as stream-gauging stations or flow-measuring devices, telemetry systems, geochemical monitoring tools, and geophysical exploration tools);
- Drilling of wells for sampling or monitoring of groundwater or the vadose (unsaturated) zone, well logging, and installation of water-level recording devices in wells;
- Aquifer and underground reservoir response testing;
- Installation and operation of ambient air monitoring equipment;
- Sampling and characterization of water, soil, rock, or contaminants (such as drilling using truck- or mobile-scale equipment, and modification, use, and plugging of boreholes);
- Sampling and characterization of water effluents, air emissions, or solid waste streams
- Installation and operation of meteorological towers and associated activities (such as assessment of potential wind energy resources);
- Sampling of flora or fauna; and
- Archeological, historic, and cultural resource identification in compliance with 36 CFR Part 800 and 43 CFR Part 7.

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

**NEPA REVIEW SCREENING FORM (continued)**

Document ID Number:

DOE/CX-00087

**IV. Existing NEPA Documentation**

Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?

YES  NO

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**

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?

YES  NO

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):

B3.1 Site characterization and environmental monitoring

**Categorical Exclusion Integral Elements**

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?

YES  NO

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>	12/13/12
Cognizant Environmental Compliance Officer	Daniel R. Turlington	<i>Daniel R. Turlington</i>	12/13/12

**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