RL-721
REV 5

NEPA REVIEW SCREENING FORM

Document ID Number:
DOE/CX-00072 Rev 1

I. Project Title:

Categorical Exclusion for PNNL Projects involving site characterization and environmental monitoring on the Hanford Site - 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.):

PNNL proposes to conduct a variety of non-intrusive and intrusive characterization and monitoring activities in support of purposes such as environmental surveillance, remediation, research, construction, and sampling on the Hanford Site. These activities include:

Geophysical techniques such as electro-magnetic surveys, site surveying and mapping, ground penetrating radar surveys, seismic monitoring, telemetry, and borehole spectral gamma logging;

Radiological and chemical methods such as gamma scintillation, thermoluminescent dosimetry, soil gas surveys, x-ray fluorescence, radiological surveys, and sampling, transport, and analysis of environmental samples;

Meteorological and physical data gathering techniques such as 1) monitoring air emissions, the climate, ambient air, river stages, transects, and flow measurements, 2) assessing potential wind-energy resources, and 3) sampling surface water;

Cultural and biological resource surveys;
Geophysical techniques such as installing groundwater and vadose zone wells, bore holes, and test pits and conducting groundwater tracer tests;

Physical techniques such as installing piezometers, instrument clusters, lysimeters, and temporary support trailers;

Meteorological techniques such as installing and operating weather stations, meteorological towers, and other instruments;

Sampling and characterization of environmental media, contaminants, and waste streams.

Associated activities may include noise, air emission, liquid effluent, and waste generation. These will be managed accordance to and in compliance with DOE orders, and Federal, and state regulations and guidelines. In all instances, the demand for resources and environmental impacts resulting from implementation of these proposed activities would be small and temporary in nature.

III. Reviews (if applicable):

Biological Review Report #: _____

Cultural Review Report #: _____

Additional Attachments:

Biological and cultural Reports will be prepared for projects, as necessary.

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.

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NEPA REVIEW SCREENING FORM (continued)

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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):

B3.1 Site Characterization and environmental monitoring

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	J. Amanda Stegen		5/1/13
Cognizant Environmental Compliance Officer			

VII. Approval/Determination

DOE NEPA Compliance Officer: Cliff Clark

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: Date: 6/13/2013