

NEPA REVIEW SCREENING FORM

I. Project Title:

Washington River Protection Solutions & Advanced Technologies & Laboratories International-Proposed Actions For CY 2013 Scheduled To Take Place Under CX B3.6, "Small-Scale Research and Development, Laboratory Operations, and Pilot Projects"

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.):

Washington River Protection Solutions LLC (WRPS) & Advanced Technologies & Laboratories International Inc. (ATL) will perform indoor bench-scale & small-scale research & development projects, conventional laboratory operations, & pilot projects to verify proof-of-concept during Calendar Year 2013. WRPS & ATL will perform all activities in accordance with the categorical exclusion (CX) limitations set forth in 10 CFR 1021, Appendices A & B to Subpart D, & CX B3.6. WRPS' facilities include all those identified in the Tank Operations Contract Sections J.13 & J.14. Activities include, but aren't limited to:

- A variety of chemical, biological, physical, designs, studies, experiments, tests, & research & development activities associated with conventional laboratory operations, indoor bench-scale research, & small-scale pilot projects (generally less than 2 years).
- Routine operations & laboratory activities associated with the 222-S Laboratory Complex.
- Modification (to utility &/or safety systems), operation, & deactivation of existing facilities integral to the performance of these activities.
- Transportation/movement & staging of equipment & materials necessary to modify, operate, &/or deactivate existing facilities, & to undertake the proposed actions & operations.

All locations are currently disturbed, industrial zones which are culturally exempt (see PNL-7264 & Battelle 9405630) &/or covered under NHPA Section 106 review, HCRC# 2003-200-044. The majority of the WRPS facilities are classified as historical non-contributing/exempt properties under DOE/RL-97-56, Revision 1. To ensure there will be no ecological/biological or cultural impacts, prior to work initiation, 1) any non-exempt facilities or work will have the appropriate cultural reviews obtained as needed, 2) all work activities (including associated staging &/or laydown areas) will be performed within or contiguous to an already developed area (where active site utilities & roads are readily accessible & no habitat/vegetation will be disturbed), 3) operations, testing structures, & any associated equipment/tools will never be located on an undisturbed or vegetated area, 4) buildings/structures & associated equipment/tools will be walked down for wildlife/migratory birds prior to use, disposal, or relocation, & 5) if any cultural or ecological issues are identified, the identified issue(s) will be appropriately dealt with as required by relevant company or Hanford Site procedures & regulations.

III. Reviews (if applicable):

Biological Review Report #: N/A

Cultural Review Report #: PNL-7264, Battelle Letter 9405630, HCRC#2003-200-044, & DOE/RL-97-56 R1

Additional Attachments:

IV. Existing NEPA Documentation

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

YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>

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.

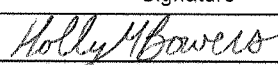

NEPA REVIEW SCREENING FORM (continued)

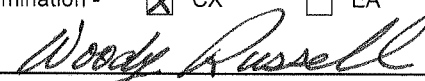
Document ID Number:

DOE/CX-00054 Rev. 1

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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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):		
B3.6, "Small-Scale Research and Development, Laboratory Operations, and Pilot Projects"		

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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the proposed action adversely affect environmentally sensitive resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Holly Bowers		12/13/12
Cognizant Environmental Compliance Officer	Steve Killoy		12/13/12

VII. Approval/Determination	
DOE NEPA Compliance Officer:	<u>Woody Russell</u>
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 - <input checked="" type="checkbox"/> CX <input type="checkbox"/> EA <input type="checkbox"/> EIS	
Signature: <u></u>	Date: <u>12/14/12</u>