

RL-721 REV 3	<b>NEPA REVIEW SCREENING FORM</b>	<b>Document ID Number:</b>  DOE/CX-00054
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**I. Project Title:**  
 Washington River Protection Solutions & Advanced Technologies & Laboratories International-Proposed Actions For CY 2012 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, 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, on & near the Hanford Site during Calendar Year 2012. 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 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 [applicable to outdoor work only], & 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:

<b>IV. Existing NEPA Documentation (see Steps 3 and 4 of Contractor Screening Process)</b>	YES	NO
Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?	<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 VII and provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information (see Step 6 of Contractor Screening Process).

<b>V. Sitewide Categorical Exclusion (see Step 5 of Contractor Screening Process)</b>	YES	NO
Does the proposed action fit within the scope of actions identified in a DOE Hanford NCO-approved sitewide categorical exclusion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If "NO," proceed to Section VI.  
 If "YES," list Sitewide Categorical Exclusion to be applied and complete Sitewide Categorical Exclusion Criteria:

**NEPA REVIEW SCREENING FORM (continued)**

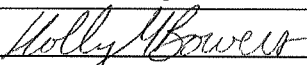

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Sitewide Categorical Exclusion Criteria	YES	NO
Does the action fail to meet the eligibility requirements for Appendix B categorical exclusion ("integral elements") of 10 CFR 1021, Subpart D, Appendix B, B(1) through B(4)?	<input type="checkbox"/>	<input type="checkbox"/>
Is the action connected to other actions with potentially significant impacts (see 40 CFR 1508.25(a)(1)) or result in cumulatively significant impacts (see 40 CFR 1508.25(a)(2))?	<input 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 type="checkbox"/>
Does the action involve or disturb the Hanford Reach National Monument, Rattlesnake Mountain, Gable Mountain, Gable Butte or other Traditional Cultural Properties or properties of historic, archaeological or architectural significance, or occur within one-fourth mile of the Columbia River?	<input type="checkbox"/>	<input type="checkbox"/>
Does the proposed action impact sensitive species or their habitats?	<input type="checkbox"/>	<input type="checkbox"/>
<p>If "NO" to all Sitewide Categorical Exclusion Criteria questions above, complete Section VII and provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information (see Step 6 of Contractor Screening Process).</p> <p>If "YES" to any of the Sitewide Categorical Exclusion Criteria questions above, attach appropriate explanatory information and provide NRSF to DOE NCO; DOE initiates DOE NEPA Review Screening Process - Step 1 by completing Section VI and VIII, as appropriate.</p>		

VI. 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"/>
<p>List CX to be applied and complete Categorical Exclusion Criteria (based on Eligibility Criteria of the NEPA Determination Procedure):</p> <p>CX B3.6, "Small-Scale Research and Development, Laboratory Operations, and Pilot Projects"</p>		

Categorical Exclusion Criteria	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"/>
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"/>
<p>If "NO" to all Categorical Exclusion Criteria questions above, DOE NCO completes Section VIII, provides electronic copy of signed NRSF to contractor, and otherwise complies with Step 4 of the DOE NEPA Review Screening Process - Step 1.</p> <p>If "YES" to any of the Categorical Exclusion Criteria questions above, DOE NCO complies with Step 5 of the DOE NEPA Review Screening Process - Step 1, and initiates DOE NEPA Review Screening Process - Step 2.</p>		

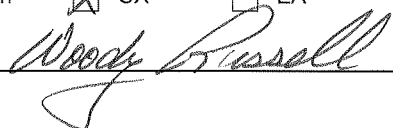
VII. Approvals/Determination			
	Name (Printed)	Signature	Date
Initiator	Holly Bowers		1/12/12
Cognizant Environmental Compliance Officer	Stem Killen		1-5-12

**VIII. 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:       Date: 01/13/2012