

NEPA REVIEW SCREENING FORM

Document ID Number:

DOE/CX-00063

I. Project Title:

Explosives Research Capability Expansion, 300 Area, Hanford Site.

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.):

PNNL proposes to install a self-contained (mobile) Explosives Laboratory on an existing concrete slab in the 300 Area to expand the explosives research capability in the 300 area. Currently, PNNL is authorized for the use of 2.5 grams of explosives for work being conducted in the 331 Building. PNNL also has an existing magazine in the 300 Area authorized for a maximum of 70 lbs of explosives. The proposed mobile laboratory would be used for indoor bench scale research. It would be located approximately 930 feet south of the 331 Building. The existing concrete slab is approximately 75 feet long by 25 feet wide, and the mobile laboratory is small enough to fit on the southern half of this slab. The northern half of the slab would be used for parking. Equipment and materials would be staged on other concrete pads or gravel parking areas. There is an existing road to this slab and no road upgrades would be needed. No other utilities (e.g., water, sewer) are required. The types of impacts associated with this project include: 1) placement of a mobile laboratory on a pre-existing concrete slab, 2) clearance of 50 feet of vegetation around the slab for a fire zone, and 3) minor disturbance for electrical upgrades. The mobile laboratory would be authorized for 25 grams of explosives.

Construction is scheduled to begin in early February 2012.

The proposed action would include reasonably foreseeable actions necessary to implement the proposed action, such as equipment and materials staging, laboratory equipment setup and calibration, and award of grants and contracts.

III. Reviews (if applicable):

Biological Review Report #: ECR 2012-300-002

Cultural Review Report #: HCRC 2012-300-002

Additional Attachments:

Biological Review completed November 16, 2012 - ECR 2012-300-002; Cultural Resource Review completed and submitted to SPHO January 10, 2012 - HCRC#2012-300-002

IV. Existing NEPA Documentation (see Steps 3 and 4 of Contractor Screening Process)

YES NO

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:

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).

V. Sitewide Categorical Exclusion (see Step 5 of Contractor Screening Process)

YES NO

Does the proposed action fit within the scope of actions identified in a DOE Hanford NCO-approved sitewide categorical exclusion?

YES NO

If "NO," proceed to Section VI.

If "YES," list Sitewide Categorical Exclusion to be applied and complete Sitewide Categorical Exclusion Criteria:

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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"/>

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).

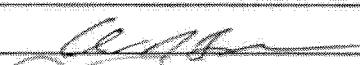

If "YES" to any of the Sitewide Categorical Exclusion Criteria questions above, attach appropriate explanatory information and provide NRSF to DOE NCO; DOE initiates DOE NEPA Review Screening Process - Step 1 by completing Section VI and VIII, as appropriate.

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"/>
List CX to be applied and complete Categorical Exclusion Criteria (based on Eligibility Criteria of the NEPA Determination Procedure): CX B3.6, Indoor Bench-Scale and Small-Scale Research and Development		

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"/>

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.

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.

VII. Approvals/Determination			
	Name (Printed)	Signature	Date
Initiator	Art Stithem		1/10/12
Cognizant Environmental Compliance Officer	Amanda Stegen		1/11/12

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: 2/1/12