RL-721
REV 7

NEPA REVIEW SCREENING FORM

Document ID Number: DOE/CX-00147

I. Project Title:

Project L-840: Export Water Line Replacement, 2901Y to 200W

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.):

Project L-840 will engineer, design, and construct a new Export Water Line, approximately 2.47 miles long, from the 2901Y Valve House to the 282-W Inlet House and Reservoir. This new water line will be routed adjacent to the existing water line to the greatest extent practical, and include upgrades as appropriate for compliance to current codes and standards.

The Export Water System provides all the make-up water to the 200 Areas Plateau for the Sanitary Water System, process water, and the Raw Water Grid which provides Fire Protection to all facilities in the 200 Areas. From FY 2006 to FY 2014, there have been 5 breaks in the 200W 24-inch EW line. Having served for over 70 years, it has exceeded the design life for which it was originally installed, and will not reliably support the duration of the Hanford Cleanup Mission.

Mission Support Alliance (MSA) Environmental Compliance staff performed a pedestrian survey of the project area on September 10, 2015. Native shrub overstory and a mixture of non-native and native species present in the understory defines much of the area that will be traversed by the proposed pipeline. No plant or animal species protected under the Endangered Species Act, candidates for such protection, or species listed by the Washington State government as threatened or endangered were observed in the vicinity of the proposed project site.

A Cultural Resources Review(CRR)of the proposed project was conducted by the MSA Cultural and Historic Resources Program. A CRR, with a finding of No Adverse Effect was prepared and submitted to the Washington State Historic Protection Officer(SHPO)and Area Tribes for a 30-day comment period on October 15, 2015. The SHPO concurred with the findings of the CRR on October 15, 2015, and The U.S. Department of energy Richland Operations Office (DOE/RL) provided a notice of compliance with Section 106 of the National historic Preservation Act for this project on December 3, 2015.

It appears to me that this activity is covered by 10 CFR 1021. B5.5, Short pipeline segments. The B5.5 Categorical Exclusion is applicable to pipline segments constructed and operated that are generally less than 20 miles in length and Project L-840 will construct and operate a 2.47 mile long 24-inch Export Water line between the 2901Y Valve House to the 282-W Inlet House in 200W Area.

III. Reviews (if applicable):

Biological Review Report #: ECR-2015-649

Cultural Review Report #: 2015-600-026

Additional Attachments:

Site Evaluation Approval Binder 600-2015-0031

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):

B5.5, Short pipeline segments

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	Eric S. Pennala		12/29/2015
Cognizant Environmental Compliance Officer	Mick Carlson		

VII. Approval/Determination

DOE NEPA Compliance Officer: Diori L. Kreske, NEPA Compliance Officer (NCO)

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: Diori Kreske Date: 12/29/15