

NEPA REVIEW SCREENING FORM

I. Project Title:

Project L-525: 24-inch Export Water Line Installation, 2901Y to 200E.

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-525 will engineer, design, construct and operate a 2.4 mile long 24-inch Export Water line between the 2901-Y Valve House and the 282-E Inlet Valve House in 200E Area. The existing 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 were 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. When the replacement pipeline is installed and operational, the existing, failing 60.9 centimeter (24-inch) line will be capped and abandoned in place, which will include excavations to access the buried pipeline at each end and potentially at road crossings, non-potable water crossings, drain and vent valve stations.

Mission Support Alliance (MSA) Environmental Compliance staff performed a pedestrian survey of project area on April 13 and 14 and May 21, 2015. Much of the project site east of Route 4 South is located in previously disturbed areas, including areas of industrial infrastructure, parking lots, roads, storage areas, fences, railroad, and existing export pipelines and utility lines. 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 State Historic Preservation Office (SHPO) and Area Tribes for a 30 day comment period on September 22, 2015. The SHPO concurred with the findings of the CRR on September 22, 2015. 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 November 4, 2015.

It appears to me that this activity is covered under 10 CFR 1021, B5.5, Short pipeline segments. The B5.5 Categorical Exclusion is applicable to pipeline segments constructed and operated that are generally less than 20 miles in length and Project L-525 will construct and operate a 2.4 mile long 24-inch Export Water line between the 2901-Y Valve House and the 282-E Inlet Valve House in 200E Area.

III. Reviews (if applicable):

Biological Review Report #: ECR-2015-245

Cultural Review Report #: 2015-200-019

Additional Attachments:

Site Evaluation Approval Binder 600-2015-0032



IV. Existing NEPA Documentation

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

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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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):			
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?		<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	Eric S. Pennala		12/29/2015
Cognizant Environmental Compliance Officer	Mick Carlson		
VII. Approval/Determination			
DOE NEPA Compliance Officer: <u>Diori L. Kreske, NEPA Compliance Officer (NCO)</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>12/29/15</u>	