

## LLNL CATEGORICAL EXCLUSION DETERMINATION FORM

<b>ESPM LOG NO:</b> ESH-EFA-NEPA-15-7782	<b>NNSA/LFO LOG NO:</b> NA-15-05
<b>1. PROJECT/ACTIVITY TITLE:</b> Amsinckia Grandiflora Recovery Efforts	<b>DATE:</b> June 2015
<b>2. PROJECT DESCRIPTION:</b> <p><i>Amsinckia grandiflora</i> (<i>A. grandiflora</i>) is an endangered plant species protected under the Federal Endangered Species Act with only three known native populations, two of which are located at Site 300. Efforts are needed to protect this species from extirpation from the wild.</p> <p>LLNL proposes to conduct a study in which <i>A. grandiflora</i> seeds or seedlings would be planted within existing native populations and new potentially suitable locations at Site 300. In addition, a limited number of seeds would be collected from existing <i>A. grandiflora</i> plants. The two main objectives of the study are to: 1) create self-sustaining populations of <i>A. grandiflora</i> at the Drop Tower native population, Drop Tower introduced population, Draney Canyon Native Population, or within other suitable habitat at or near Site 300; and 2) determine how planting time affects the success of <i>A. grandiflora</i> plants grown from seed.</p>	
<b>3. Categorical Exclusion(s) Applied:</b>  <p>B1.20- Small-scale activities undertaken to protect cultural resources, or to protect, restore, or improve fish and wildlife habitat, fish passage facilities, or fisheries. Such activities would be conducted in accordance with an existing natural or cultural resources plan, if any.</p> <p>B3.3 – Research related to conservation of fish, wildlife, and cultural resources. Field and laboratory research, inventory, and information collection activities that are directly related to the conservation of fish and wildlife resources or the protection of cultural resources, provided that such activities would not have the potential to cause significant impacts on fish and wildlife habitat or populations or to cultural resources.</p>	

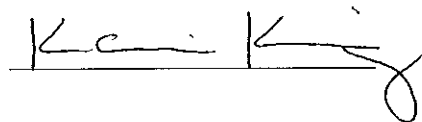
\*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR 10.21

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; 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; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

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(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

Date Determined:



6/22/15