



U.S. Department of Energy Categorical Exclusion Determination Form

Proposed Action Title: Bayview Institutional Utilities Improvement Project at the
Lawrence Berkeley National Laboratory – LB-CX-17-03

Program or Field Office: Berkeley Site Office

Location(s) (City/County/State): Berkeley, California

Proposed Action Description:

The U.S. Department of Energy (DOE) proposes to improve utility distribution and reliability in and around the Bayview planning area at the Lawrence Berkeley National Laboratory (LBNL) main site. This would be achieved through installation, replacement/modernization, and/or extension of the following subsurface utilities infrastructure: domestic and fire water supply, sanitary sewer, storm drain, natural gas, and telecommunications lines (fiber and copper). The proposed project would increase utility service capacity and reliability to meet LBNL's current needs; it also would provide, with minimal cost and disruption, capacity for future (but, as yet, unplanned) growth that may occur in the area. (Any future LBNL projects that might propose to draw on this increased capacity would undergo NEPA analysis at such time they were proposed.)

Proposed project construction would begin in April 2017 and last approximately 6 months. Soil conditions testing, excavation/trenching, utilities installation and tie-in, and finishing work would be required. Up to approximately 900 cubic yards of soil may be generated by project excavation; such soil would be tested and reused on site or disposed of at an appropriate facility based on testing results and immediate needs. Up to 10 workers would be on site at any time. Delivery trucks would be required sporadically and in relatively small numbers. The Bayview planning area is a large, flat, paved area centrally located at the LBNL main hill site (Figure 1). It is surrounded by roadways, sloped terrain, screening vegetation, and/or buildings in every direction.

Categorical Exclusion(s) Applied:

- B1.33 – Stormwater runoff control
- B2.3 – Personnel safety and health equipment
- B2.5 – Facility safety and environmental improvements
- B4.7 – Fiber optic cable; B5.2 – Modifications to pumps and piping
- B5.5 – Short pipeline segments
- B6.1 – Cleanup actions

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

I concur that the above description accurately describes the proposed action.

LBNL Environmental Planner: Jeff Philliber  Date Determined: 4-25-17

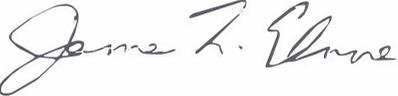
I concur that the above description accurately describes the proposed action.

BSO Project Manager: Rick Chapman  Date Determined: 4/25/17

The above description accurately describes the proposed action, which reflects the requirements of the CX cited above. Therefore, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

BSO NEPA Program Manager: Sue Fields  Date Determined: 4/25/17

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1 B), 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: James T. Elmer  Date Determined: 4/26/17
Click here to enter a date.

This document has been reviewed and determined to be UNCLASSIFIED.
This review constitutes clearance for Public Release.

Date Determined: 0427/2017

Derivative Classifier: Melanie L Underwood 
Acting Classification Officer ISC-OR

