



U.S. Department of Energy Categorical Exclusion Determination Form

Proposed Action Title: 5885 Hollis Street (ABPDU) Lease Amendment #8, Suite 320 (LB-CX-25-03)

Program or Field Office: Berkeley Site Office, Lawrence Berkeley National Laboratory (LBNL)

Location(s): 5885 Hollis Street, Emeryville (Alameda County), California

Proposed Action Description:

The U.S. Department of Energy (DOE) proposes to exercise a five-year lease extension option (October 1, 2025 to September 30, 2030) for approximately 16,500 rentable square feet of research and storage space of the Suite 320 premises at 5885 Hollis Street in the City of Emeryville, California. The space supports ongoing Advanced Biofuels Process Development Unit (ABPDU) research operations. There would be no changes to on-going ABPDU operations or staffing levels. No major improvements to the space are anticipated during the extended lease term.

ABPDU is a user facility for demonstrating (at small scale) newly developed biofuel processes and technologies. ABPDU does not conduct any radiation or biosafety level 2, 3, or 4 work. Biosafety level 1 work with genetically modified organisms (GMOs) is involved in some ABPDU research; those GMOs are either treated with heat or bleach-killed before disposal. Hazardous wastes are treated offsite. Most non-hazardous waste is treated through the Waste Treatment Unit located in the basement of the 5885 Hollis Street building. Residuals after biofuel fermentation are treated with steam and chemically through the Waste Treatment Unit.

The 5885 Hollis Street building is a Class A science research building that provides state-of-the-art HVAC and life safety systems highly suitable for ABPDU research activities. The building is within a research and light industrial section of heavily urbanized Emeryville.

Categorical Exclusion(s) Applied:

B1.24 – Property transfers

B3.6 – Small-scale research and development, laboratory operations, and pilot projects

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 Sr. Site &
Environmental Planner:**



Jeff Philliber

August 25, 2025

Date Determined

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:**

JOSE ROLDAN

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ROLDAN
Date: 2025.08.26 05:31:12 -07'00'

Jose Roldan

[Click here to enter a date.](#)

Date Determined

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 Director of
Operations:**

Mary Gross

[Click here to enter a date.](#)

Date Determined

As DOE Counsel, I have reviewed the proposed action description and above-cited CX at the request of the NEPA Compliance Officer and concur that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met.

DOE Counsel:
(if requested)

Michelle McKown

[Click here to enter a date.](#)

Date Determined

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.

**DOE NEPA
Compliance Officer:**

Jayashree Jayaraj

[Click here to enter a date.](#)

Date Determined