

U. S. DEPARTMENT OF ENERGY  
OFFICE OF SCIENCE  
NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)  
ENVIRONMENTAL EVALUATION NOTIFICATION FORM

To be completed by "financial assistance award" organization receiving Federal funding. For assistance (including a point of contact), see "Instructions for Preparing SC F-560, Environmental Evaluation Notification Form".

Solicitation/Award No. (if applicable): \_\_\_\_\_

Organization Name: Lawrence Berkeley National Laboratory

Title of Proposed Project/Research: AMENDMENT TO THE LEASE AT 717 POTTER STREET IN BERKELEY, CA  
LBNL BUILDING 977

Total DOE Funding/Total Project Funding: 5 year term Lease/operating costs approximately \$11 M and improvements  
approximately \$6 M

I. Project Description (use additional pages as necessary):

A. Proposed Project/Action (delineate Federally funded/Non-Federally funded portions)

The proposed action would increase the size of the existing lease of 717 Potter Street by approximately 36,000 rental square feet (a 60% increase) for approximately one hundred additional staff and lease extension of up to 15 years. The Categorical Exclusion for the original lease was signed December 07, 2004. The current use of 717 Potter Street is to develop and apply advanced technologies for elucidation of mechanisms involved in response to low level ionizing radiation, cancer growth in 3-dimensional environments, neurodegenerative diseases, bio-fuel production, and bioremediation. The facility contains laboratories, offices, and support facilities. The research operations in the additional leased area would be similar to the existing functions.

The need for the additional leased space is a result of significant recent programmatic growth at LBNL which has resulted in opportunities to increase scientific productivity. The proposed project would move some of the Life Science research groups currently located on the LBNL main hillside to 717 Potter St. These groups have a strong working relationship with the research groups currently in the building, as well as with each other. These groups are scattered throughout the LBNL main site in Buildings 64, 70A, and 84 and will gain scientific productivity and operational efficiencies by co-locating next to each other.

B. Would the project proceed without Federal funding? Yes  No

If "yes", describe the impact to the scope:

II. Description of Affected Environment:

Approximately 27,000 square feet of space has existing improvements that would be modified to meet the specific needs of the new occupants. The rest of the space is in a shell condition and would be improved to meet the specific needs of the new occupants.

III. Preliminary Questions:

A. Is the DOE-funded work entirely a "paper study"? Yes  No

If "Yes", ensure that the description in Section I reflects this and go directly to Section V.

B. Will a portion of the work to be performed take place outside the building?

And:

- 1. Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health?
- 2. Require the siting, construction or major expansion of waste treatment, storage, or disposal facilities?
- 3. Disturb hazardous substances, pollutants, or contaminants preexisting in the environment?
- 4. Adversely affect environmentally-sensitive resources identified in Section IV.A.?
- 5. Be connected to another existing/proposed activity that could potentially create a cumulatively significant impact?
- 6. Have an inherent *possibility* for high consequence impacts to human health or the environment (e.g., Biosafety Level 3-4 laboratories, activities involving high levels of radiation)?

If "No" to Question III.B. and ALL six subsequent questions, ensure the descriptions in Sections I and II reflect this and go directly to Section V.

IV. Potential Environmental Effects:

Attach/insert an explanation for each "Yes" response.

A. Sensitive Resources: Will the proposed action result in changes and/or disturbances to any of the following resources?

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1. Threatened/Endangered Species and/or Critical Habitats                          | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Other Protected Species (e.g., Burros, Migratory Birds)                         | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Sensitive Environments (e.g., Tundra/Coral Reefs/Rain Forests)                  | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Archaeological/Historic Resources   | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Important Farmland  | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Non-Attainment Areas for Ambient Air Quality Standards                          | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Class I Air Quality Control Region  | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Special Sources of Groundwater (e.g. Sole Source Aquifer)                       | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Navigable Air Space   | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Coastal Zones  | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Areas with Special National Designation (e.g. National Forests, Parks, Trails) | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Floodplains and Wetlands   | <input type="checkbox"/> | <input type="checkbox"/> |

B. Regulated Substances/Activities: Will the proposed action involve any of the following regulated items or activities?

- |   | Yes                      | No                       |
|---|--------------------------|--------------------------|
| 13. Natural Resource Damage Assessments   | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Exotic Organisms  | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Noxious Weeds   | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Clearing or Excavation (indicate if greater than one acre)                              | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Dredge or Fill (under Clean Water Act, Section 404, indicate if greater than ten acres) | <input type="checkbox"/> | <input type="checkbox"/> |

B. Regulated Substances/Activities: Will the proposed action involve any of the following regulated Items or activities? (continued)

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 18. Noise (in excess of regulations)                       | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Asbestos Removal                                       | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. PCB's  | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Import, Manufacture, or Processing of Toxic Substances | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Chemical Storage/Use                                   | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Pesticide Use  | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Hazardous, Toxic, or Criteria Pollutant Air Emissions  | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Liquid Effluents                                       | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Underground Injection                                  | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Hazardous Waste  | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Underground Storage Tanks                              | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Radioactive Mixed Waste                                | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Radioactive Waste                                      | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Radiation Exposure                                     | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Surface Water Protection                               | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Pollution Prevention Act                               | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Ozone Depleting Substances                             | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Off-Road Vehicles                                      | <input type="checkbox"/> | <input type="checkbox"/> |
| 36. Biosafety Level 3-4 Laboratory                         | <input type="checkbox"/> | <input type="checkbox"/> |

C. Other Relevant Information: Will the proposed action involve the following?

|  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 37. Potential Violation of Environment, Safety, or Health Regulations/Permits  | <input type="checkbox"/> | <input type="checkbox"/> |
| 38. Siting/Construction/Major Modification of Waste Recovery, or Waste Treatment, Storage, or Disposal Facilities    | <input type="checkbox"/> | <input type="checkbox"/> |
| 39. Disturbance of Pre-existing Contamination  | <input type="checkbox"/> | <input type="checkbox"/> |
| 40. New or Modified Federal/State Permits  | <input type="checkbox"/> | <input type="checkbox"/> |
| 41. Public Controversy   | <input type="checkbox"/> | <input type="checkbox"/> |
| 42. Environmental Justice  | <input type="checkbox"/> | <input type="checkbox"/> |
| 43. Action/Involvement of Another Federal Agency (e.g. license, funding, approval)                                   | <input type="checkbox"/> | <input type="checkbox"/> |
| 44. Action of a State Agency in a State with NEPA-type law. (Does the State Environmental Quality Review Act apply?) | <input type="checkbox"/> | <input type="checkbox"/> |
| 45. Public Utilities/Services  | <input type="checkbox"/> | <input type="checkbox"/> |
| 46. Depletion of a Non-Renewable Resource  | <input type="checkbox"/> | <input type="checkbox"/> |
| 47. Extraordinary Circumstances  | <input type="checkbox"/> | <input type="checkbox"/> |
| 48. Connected Actions  | <input type="checkbox"/> | <input type="checkbox"/> |
| 49. Exclusively Bench-top Research   | <input type="checkbox"/> | <input type="checkbox"/> |
| 50. Only a Laboratory Setting  | <input type="checkbox"/> | <input type="checkbox"/> |

V. Financial Assistance Award Organization Concurrence:

A. Organization Official (Name and Title): Jeff Philliber, LBNL Environmental Planner  
 Signature: \_\_\_\_\_ Date: 7-6-10  
 e-mail: jqphilliber@lbl.gov

B. Optional Concurrence (Name and Title): \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 e-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

Remainder to be completed by SC

VI. SC Concurrence/Recommendation/Determination:

A. SC BSO:

Project Director or Contract Specialist Rick Chapman, General Engineer  
(Name and Title):

Signature: \_\_\_\_\_

Date: 7/6/10

e-mail: Rick.chapman@bso.science.doe.gov

B. SC NEPA Team Review:

Is the project/activity appropriate for a determination or a recommendation to the Head of the Field Organization by the NEPA Compliance Officer (NCO) under Subpart D of the DOE NEPA Regulations?

Yes  No

Specific class(es) of action from Appendices A-D to Subpart D (10 CFR 1021): A7

Name and Title: Kim Abbott, NEPA Program Manager

Signature: \_\_\_\_\_

Date: 7/6/10

e-mail: kim.abbott@bso.science.doe.gov

C. SC ISC Counsel (if necessary):

Name and Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

e-mail: \_\_\_\_\_

D. SC ISC Field Office NEPA Compliance Officer:

The preceding pages are a record of documentation required under DOE Final NEPA Regulation, 10 CFR 1021.400.

- Action may be categorically excluded from further NEPA review. I have determined that the proposed action meets the requirements for Categorical Exclusion referenced above.
- Action requires approval by Head of the Field Organization. Recommend preparation of an Environmental Assessment.
- Action requires approval by Head of the Field Organization or a Secretarial Officer. Recommend preparation of an Environmental Impact Statement.

Comments/Limitations if necessary:

Print Name

Signature \_\_\_\_\_

Date: 7/8/2010

~~ISC~~ ORO NEPA Compliance Officer