

**CALIFORNIA ENVIRONMENTAL QUALITY ACT**  
**NOTICE OF DETERMINATION**

To: Office of Planning and Research  
State Clearinghouse  
P.O. Box 3044, 1400 Tenth Street, Room 212  
Sacramento, CA 95812-3044

From: Department of Toxic Substances Control  
Permitting Division  
700 Heinz Avenue  
Berkeley, CA 94710

**Subject:** Filing of Notice of Determination in Compliance with § 21108 of the Public Resources Code

**Project Title:** Lawrence Berkeley National Laboratory, Hazardous Waste Facility Permit Renewal

**State Clearinghouse Number:** 1989040416

**Project Location:** 1 Cyclotron Road, Berkeley, CA 94720

**County:** Alameda

**Project Applicant:** The University of California Lawrence Berkeley National Laboratory

**Project Description:** The California Department of Toxic Substances Control (DTSC), pursuant to authority granted under California Code of Regulations, Title 22, Division 4.5, Chapter 20, is approving an addendum to a certified Environmental Impact Report for the renewal of a Hazardous Waste Facility Permit (Permit) for the Lawrence Berkeley National Laboratory (LBNL) Hazardous Waste Facility for ten additional years. DTSC received a Permit renewal application for the Hazardous Waste Handling Facility (HWHF) as authorized by the California Health and Safety Code, Chapter 6.5. The HWHF operates under a Hazardous Waste Facility Permit for storing, consolidating, lab-packing, and treating hazardous and mixed wastes that are generated by various LBNL research activities, including those generated by particle accelerator operations, metal-finishing processes, and various other facility operations. Management of hazardous and the hazardous component(s) of mixed waste at the HWHF is conducted pursuant to the Permit, and management of radioactive waste at the HWHF is conducted pursuant to U.S. Department of Energy (DOE) requirements. The Permit does not pertain to or authorize radioactive waste storage or treatment.

The HWHF is located at 1 Cyclotron Road, Berkeley, CA 94720 in the eastern portion of the 202-acre LBNL main hill site in the eastern hills of Berkeley and Oakland, in Alameda County. The HWHF comprises Building 85 that provides office space and designated areas for the storage and handling of radioactive, mixed, and hazardous wastes; Building 85A, a liquid hazardous waste storage shed; six prefabricated sheds designed for hazardous waste management in the associated yard areas; and a diesel generator area. The HWHF operations for hazardous and mixed waste include: receiving on-site LBNL wastes, treating wastes, storing and processing wastes, and preparing waste

packages for transport off-site to authorized recycling or disposal facilities. The renewed Permit authorizes the HWHF to continue to store a maximum of 23,200 gallons of hazardous and mixed wastes and treat a maximum aggregate capacity of 718 gallons per day. Several previously permitted but never used waste treatment processes have been removed from the Permit. These include evaporation, air/steam stripping, and electrode plating, among others.

The purpose of this project is to extend the permitted operational period of the HWHF for ten years. The HWHF has been operating in its current location since 1997 and been permitted by DTSC since 1983. The project requires no new construction or physical modification to the existing Facility. All operational activities will continue to be consistent with the Permit with minor modifications made to the permitted treatment processes. The Permit renewal would not result in a significant impact on the environment.

As Responsible Agency under the California Environmental Quality Act (CEQA), DTSC approved the above-described project on May 10, 2023, and has made the following determinations:

1. The project will not have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were not made a condition of project approval by DTSC.
4. A Statement of Overriding Considerations was not adopted for this project by DTSC.
5. Findings were not made pursuant to the provisions of CEQA by DTSC.

The administrative record for this project is available to the public by appointment at the following location:

Department of Toxic Substances Control  
Permitting Division  
700 Heinz Avenue  
Berkeley, CA 94710

Additional project information is available on EnviroStor: [www.envirostor.dtsc.ca.gov/public/](http://www.envirostor.dtsc.ca.gov/public/)

Contact Person	Contact Title	Phone Number
Elena Espada	Hazardous Substances Engineer	(510) 540-3779

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Approver's Signature:

Date:

*Taryn Stokell Buck*

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6/9/2023

Approver's Name	Approver's Title	Approver's Phone Number
Taryn Stokell Buck	Supervising Hazardous Substances Engineer, I	(510) 540-3951

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TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: