

CALIFORNIA ENVIRONMENTAL QUALITY ACT

Addendum to Previously Adopted Negative Declaration

PROJECT TITLE: Lawrence Livermore National Laboratory Site 300 Hazardous Waste Facility Permit		STATE CLEARINGHOUSE NUMBER: 96032010 97062086
PROJECT ADDRESS: Corral Hollow Road	CITY: Tracy 94551-4551	COUNTY: San Joaquin

PROJECT DESCRIPTION:

The project consists of the Department of Toxic Substances Control's (DTSC's) consideration to issue a new Resource Conservation and Recovery Act (RCRA) equivalent Hazardous Waste Facility Permit ("proposed Permit" or "the proposed project") pursuant to California Health and Safety Code section 25200 to the U.S. Department of Energy (DOE) and Lawrence Livermore National Security, LLC (LLNL). If approved as proposed, the Permit would be in effect for 10 years and would subject the Hazardous Waste Facility (HWF) to the terms and conditions set forth in the Permit and in the Part "B" Application (Operation Plan) dated January 2015, which would be incorporated by reference into the Permit. The equipment, structures, operational areas, and facilities included under the proposed Permit are referred to hereafter as the "Hazardous Waste Facility" (HWF or "the Site").

The project includes the following activities:
 Acceptance of on on-site generated waste for treatment, packaging, or storage, and eventual shipment to an off-site disposal facility. In addition to accepting on-site generated hazardous waste, the HWF also accepts explosives waste from the LLNL Main Site (EPA Identification Number CA2890012584) for treatment and storage.

A summary of the HWF operational units, buildings and areas is displayed below. Changes to existing operations are also indicated in Table 1 below. An analysis of the impacts from the proposed permitted activities is provided in the attached *California Environmental Quality Act Guidelines Sections 15162, 15163 and 15164 Environmental Document Analysis*, March 2016.

Table 1

<i>Permitted Unit</i>	<i>Date Authorized</i>	<i>Proposed Changes With Proposed Project</i>
Explosive Waste Treatment Facility (EWTF), which includes the following:	10/9/1997	
Open Burn Cage	10/9/1997	None
Open Burn Pan	10/9/1997	Reduce treatment rate to 100 pounds per event per day
Open Detonation Unit	10/9/1997	Reduce treatment rate to 100 pounds per event per day; reduce maximum annual treatment from 35,000 pounds to 1000.
Explosives Waste Treatment Residue Storage Unit 1 – near Open Burn Pan and Open Burn Cage (formerly known as S-1_	10/9/1997	No change
Explosives Waste Treatment Residue Storage Unit 2 – near Open Detonation (formerly known as S-2)	10/9/1997	No change
Explosive Waste Storage Facility (EWSF), which includes the following:	5/23/1996	

Magazine 2 (M2)	5/23/1996	No change
Magazine 3 (M3)	5/23/1996	No change
Magazine 4 (M4)	5/23/1996	No change
Magazine 5 (M5)	5/23/1996	No change
Magazine 816 (M816) (formerly known as B816)	5/23/1996	No change
Container Storage Area, Building 883 (B883)	5/23/1996	Increase quantity of hazardous waste stored from 3,300 to 5, 500 gallons

A detailed description of the proposed project activities that are performed within various operational areas and buildings listed above is specified in the attached proposed Permit.

BACKGROUND:

In 1992, LLNL submitted a permit application for the operation of the Explosive Waste Storage Facility (EWSF) and Building 883 (B883). In 1993, LLNL submitted a permit application for the operation of a new Explosives Waste Treatment Facility (EWTF). On May 23, 1996, DTSC issued a hazardous waste facility permit for the operation of the EWSF and B883 (EWSF Permit). DTSC adopted a negative declaration for that project prior to reaching its permit decision. On October 9, 1997, DTSC issued a permit for the EWTF operation (EWTF Permit). Similarly, DTSC adopted a negative declaration for that project prior to reaching its permit decision. For both the EWSF Permit and the EWTF Permit, DTSC filed Notice of Determination with the Governor’s Office of Planning & Research/ State Clearinghouse on May 23, 1996 and October 9, 1997, respectively, to document its determination that the permit decisions would not have a significant effect on the environment. In this case, because previous Negative Declarations were approved by DTSC for the initial permit decision, DTSC is required by the California Environmental Quality Act (CEQA)¹ and the CEQA Guidelines² to conduct an analysis of those previous documents to determine if they provides an accurate description of proposed permit activities, current environmental and regulatory conditions, and an analyses of potential impacts and mitigation measures associated with the project. The information and analysis is then used to support a final determination of the type of environmental document required to be prepared for the project as provided by sections 15162, 15163 and 15164 of the CEQA Guidelines. These alternatives include an Addendum, a supplement to the previous EIR, or a subsequent environmental document to the original EIR.

DETERMINATION TO SUPPORT AN ADDENDUM:

On the basis of the information and analysis provided in the attached *California Environmental Quality Act Guidelines Sections 15162, 15163 and 15164 Environmental Document Analysis*, March 2016, DTSC has determined that an Addendum to an adopted Negative Declaration is the appropriate document to prepare for the proposed project pursuant to CEQA Guidelines section 15164(b) based on the determination that none of the conditions described in CEQA Guidelines section 15162 calling for the preparation of a subsequent EIR or Negative Declaration have occurred.

Signature	Date	
Nelline Kowbel, P.E., BCEE Branch Chief	Permitting Division Branch Chief Title	916-327-9536 Phone #

¹Pub. Ressources Code, div. 13, § 21000 et seq

² Cal. Code Regs., tit. 14, § 15000 et seq.