



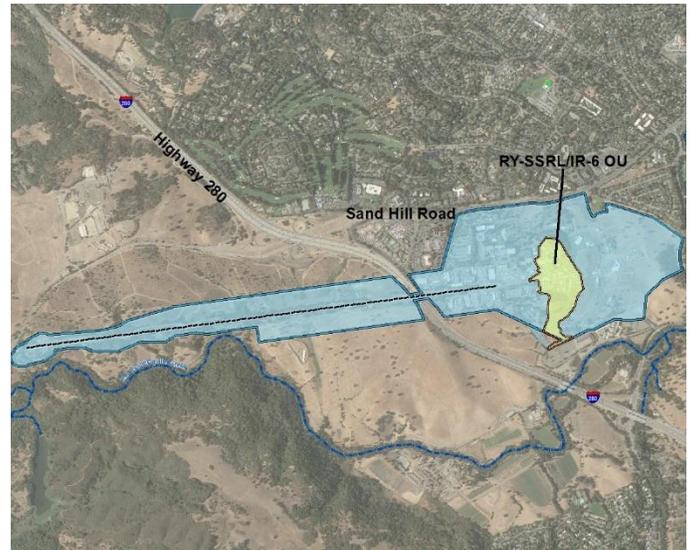
*California Environmental Protection Agency  
Regional Water Quality Control Board*

**SLAC National Accelerator Laboratory  
Environmental Restoration Project  
Fact Sheet 8 – June 2017**

**Introduction**

The California Regional Water Quality Control Board (Water Board) invites the public to review and comment on the *Draft Remedial Action Plan for the Research Yard - SSRL / IR-6 Drainage Channel Operable Unit* (RAP), dated June 2017, for the SLAC National Accelerator Laboratory (SLAC), located at 2575 Sand Hill Road in Menlo Park, San Mateo County, California. The RAP describes the proposed cleanup plan in the eastern portion of SLAC, known as the Research Yard – Stanford Synchrotron Radiation Lightsource (SSRL)/Interaction Region (IR)-6 Drainage Channel Operable Unit<sup>1</sup> (RY-SSRL/IR6 OU).

This is the eighth in a series of Fact Sheets intended to inform the local community about site cleanup work being performed at SLAC. This Fact Sheet summarizes the draft RAP for the RY-SSRL/IR-6 OU and provides information about the public comment period and a public meeting to review the draft RAP.



**PUBLIC COMMENT PERIOD AND PUBLIC MEETING**

The Water Board invites the public to comment on the draft RAP for the RY-SSRL/IR6 OU. The 30-day public comment period begins on **June 28, 2017 and ends on July 28, 2017**. All written and email comments must be postmarked or received no later than 5:00 pm on July 28, 2017.

Send comments to: Nathan King, Case Manager  
Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612  
(510) 622-3966  
[Nathan.King@waterboards.ca.gov](mailto:Nathan.King@waterboards.ca.gov)

The Water Board will hold a **Public Meeting** on **July 13, 2017** starting at **4:00 p.m.** to provide the community with information and answer questions on the draft RAP. The **Public Meeting\*** will be held at the following location:

Menlo Park Public Library Public Meeting Room (Ground Level)  
800 Alma Street  
Menlo Park, California 94025  
(650) 330-2501

\*This meeting is not sponsored by the Menlo Park Library

<sup>1</sup> “Operable Unit” (or OU) is the term for a portion of a property that is undergoing environmental investigation and cleanup.

## Background

The RY-SSRL/IR-6 OU is located in the eastern portion of SLAC (see map on page 1), and is shown in more detail in the map to the right. Much of the OU consists of the RY-SSRL area where many buildings are located for SLAC research activities. A Feasibility Study (FS) Report was prepared to evaluate environmental data and develop a cleanup plan to address polychlorinated biphenyls (PCBs) in the RY-SSRL/IR-6 OU. In the FS Report, several cleanup alternatives were developed and evaluated. The FS Report was approved by the Water Board on January 30, 2017 and is available on the Water Board's GeoTracker webpage at [http://geotracker.waterboards.ca.gov/regulators/deivable\\_documents/9505816400/RY%20FS%202015-12%20Complete.pdf](http://geotracker.waterboards.ca.gov/regulators/deivable_documents/9505816400/RY%20FS%202015-12%20Complete.pdf) and in the Reference Section of the Menlo Park Library. The FS Report focuses on PCBs in soil in the SLAC IR-6 drainage channel and in the Eastern South Target Road Area, and it evaluates PCB-containing surficial sediments on pavement and in the storm drain system in the RY-SSRL area that could potentially reach the SLAC IR-6 drainage channel.



## Draft Remedial Action Plan

The purpose of the draft RAP is to select a cleanup plan for the RY-SSRL/IR-6 OU, based on the environmental data and the cleanup alternatives developed and evaluated in the FS Report. In addition, the draft RAP describes plans for monitoring and evaluating cleanup progress.

The cleanup plan selected in the draft RAP contains the following primary components:

- **Soil Removal** - Soil with PCBs will be excavated from the SLAC IR-6 Drainage Channel and the Eastern South Target Road Area and disposed off-site at a permitted landfill.
- **Targeted Material Removal** - Limited areas of pavement, mastic, expansion joint felt, and pipe insulation in the RY-SSRL area that contain PCBs will be removed.
- **Surficial Sediment Removals** - SLAC will continue a program of periodically sampling and removing sediments that contain residual PCBs from catch basins, utility trenches, exterior floor drains, and pavement surfaces to prevent them from reaching the SLAC IR-6 drainage channel. As time progresses, it is anticipated that the amount of sediment containing PCBs will continue to decrease such that removal will no longer be needed.
- **Sedimentation** - SLAC will install a hydrodynamic sedimentation unit (HSU) to remove sediment potentially containing PCBs in stormwater runoff from the RY-SSRL area before it reaches the SLAC IR-6 drainage channel. This is a precautionary measure, as the targeted upstream soil removals, material removals, and surficial sediment removals are expected to substantially reduce the potential for PCBs in stormwater runoff.

To accelerate the cleanup in the RY-SSRL/IR-6 OU, SLAC already performed soil removal at the Eastern South Target Road Area in 2016 and is planning to perform the soil removal at the SLAC IR-6 Drainage Channel, the targeted material removal, and the HSU installation during the summer of 2017.

### **Next Steps**

After the public comment period, the RAP for the RY-SSRL/IR-6 OU will be finalized and the cleanup actions will continue and be completed, including preparation of the reports described in the draft RAP.

The draft RAP for the RY-SSRL/IR-6 OU is available to the general public at:

[https://geotracker.waterboards.ca.gov/esi/uploads/GEO\\_REPORT/6052690625/T10000008038.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/GEO_REPORT/6052690625/T10000008038.PDF), as well as at the local Information Repository established in the reference section at the **Menlo Park Public Library, located at 800 Alma Street in Menlo Park**. We encourage you to review the draft RAP and provide any comments to the Water Board no later than July 28, 2017.

A public meeting will be held during the comment period as described above. Representatives of SLAC and the Water Board will be available to answer questions. General inquiries relating to the SLAC facility should be directed to SLAC's Office of Communications:

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