

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO 89-021

RESCINDING SITE CLEANUP ORDER 88-103 FOR:

U.S. DEPARTMENT OF ENERGY and  
LAWRENCE LIVERMORE NATIONAL LABORATORY,  
LIVERMORE, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter the Regional Board) finds that:

1. Lawrence Livermore National Laboratory (LLNL) operates a research facility under contractual agreements with the U.S. Department of Energy (DOE) on 811 acres of land owned by DOE in the Livermore Valley. LLNL and DOE are hereinafter referred to as the dischargers.
2. The site is located in the eastern region of the Livermore Valley known as the Mocho I subbasin (Attachment I). This facility was first used in the 1940's by the U.S. Navy as a Naval Air Station and subsequently, it has served as a federal research facility by the U.S. Department of Energy and its predecessor, the U.S. Atomic Energy Commission. From the beginning of its use by the federal government, hazardous materials have been used stored, and disposed of on the property.
3. Solvents and chemicals used on the site, either currently or historically, which have been found in the groundwater on-site and/or off-site include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,1,1-trichloroethane (TCA), 1,1-dichloroethylene (1,1-DCE), 1,1-dichloroethane, carbon tetrachloride, and other halogenated organic and petroleum hydrocarbons.
4. On June 15, 1988, the Regional Board adopted Order No. 88-103 issuing revised site cleanup orders (SCO) for LLNL. The SCO considers the site as a whole and establishes a compliance time schedule for investigation and remedial actions.

5. On July 21, 1987, the LLNL site was placed on the U.S. Environmental Protection Agency's (EPA) National Priority List -- a list of hazardous waste sites nationwide which have been identified for cleanup under the federal Superfund program. Under the Superfund program, EPA assumes the lead role in directing the cleanup efforts at LLNL.
6. On November 2, 1988, the California Department of Health Services (DOHS), EPA, DOE, and the Regional Board signed a Federal Facility Agreement outlining Superfund cleanup activities at LLNL. The agreement provides a framework for EPA, DOHS and the Regional Board to closely monitor all Superfund investigations and cleanup activities performed by LLNL.
7. Board Order No. 88-103 has been incorporated into the Federal Facility Agreement. Board Order No. 88-103 is therefore no longer appropriate for the site and should be rescinded.
8. The Board has notified the discharger and interested agencies of its intent to rescind Board Order No. 88-103 and has provided them with an opportunity to submit their written views and comments.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

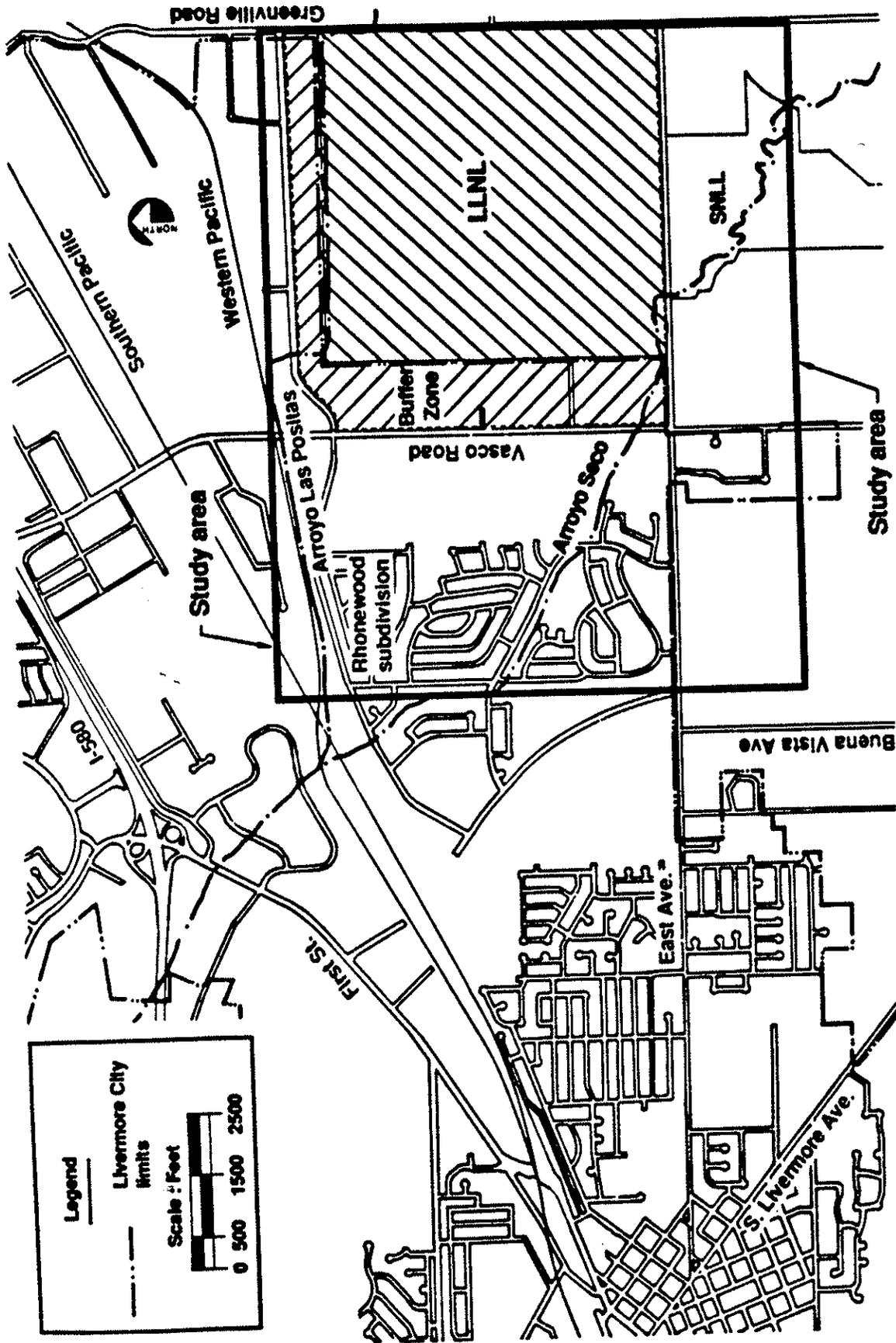
IT IS HEREBY ORDERED that :

Board Order No. 88-103 is rescinded.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on January 18, 1989.

  
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STEVEN R. RITCHIE  
Executive Officer

Attachments:  
Site Map



The LLNL Site and surrounding area.