

COMMUNITY UPDATE

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances by restoring contaminated resources, enforcing hazardous waste laws, reducing hazardous waste generation, and encouraging the manufacture of chemically safer products.

You May Review and Comment on the Draft Remedial Action Plan Amendment for Plessey Micro Science

The Department of Toxic Substance Control (DTSC) invites you to review and comment on the draft Remedial Action Plan Amendment for cleanup at Plessey Micro Science (Site). The Site is located at the northeastern corner of Mora Drive and Ortega Avenue, in the City of Mountain View, California 94040. The Site includes 2274, 2276, 2280, 2286, 2294, and 2296 Mora Drive (please see the maps on page four). The Site occupies about one acre, within the future Mora Drive Residential Project which totals about 5.15 acres.

Environmental sampling results show soil, soil vapor, and groundwater pollution caused by former industrial activities at the Site. The primary chemicals remaining in soil are tetrachloroethylene, cobalt, and nickel. The primary chemicals remaining in soil vapor and groundwater are tetrachloroethylene, trichloroethylene, and vinyl chloride.

The draft Remedial Action Plan Amendment proposes changed cleanup methods and goals for the Site. Instead of continued commercial use, The City of Mountain View now proposes residential development for this property. Residential site use requires a higher standard for cleanup. Also, we need to reduce the potential for indoor vapor intrusion in the new homes planned for the Site.

Site Description And History

The Site consisted of six contiguous single-story buildings (since demolished) that were zoned for commercial and light industrial use. From the mid-1960s until 1981, printed circuit board manufacturing took place there. This work involved plating of electronic components and usage of various solvents at the Site. After 1981, business activities at the Site included printing, offices, and storage. Except for other commercial buildings on Mora Drive, residences surround the Site. The City of Mountain View re-zoned the Site for residential use in November 2013. Contractors demolished all buildings at the Site in June of this year.

Public Comment Period



**October 28, 2016 to
November 30, 2016**

DTSC invites you to review and comment on the draft Remedial Action Plan Amendment. All comments must be postmarked or e-mailed no later than November 30, 2016.

Send comments to:

Karen Toth
DTSC Unit Chief
700 Heinz Avenue
Berkeley, CA 94710
(510) 540-3834
Karen.Toth@dtsc.ca.gov

Previous Investigations And Cleanup

DTSC approved the May 1991 Remedial Action Plan which required the removal of underground storage tanks, removal of soil impacted with volatile organic compounds (VOCs), and construction and operation of a soil vapor/groundwater treatment system. The system operated from 2002 to 2009, and was modified in 2005 to include Hydrogen Release Compound (HRC™) injections as an enhanced remedy in order to speed up the cleanup. After Plessey Micro Science went out of business and shut down the treatment systems in late 2009, DTSC took over the cleanup of the Site.

DTSC has conducted semi-annual groundwater monitoring to evaluate the effectiveness of the previous injections and conducted additional injections in 2013. The remedy continues to work well as VOC concentrations continue to decrease. HRC™ injections have helped to speed up the cleanup, but we need to do additional injections to meet the cleanup goals.

Draft Remedial Action Plan Amendment

DTSC proposes to amend the 1991 Remedial Action Plan to add more areas for excavation. This increased soil removal will cleanup the soil pollution for residential use. Also, this will reduce VOC concentrations in soil vapor. Thus, this removal will reduce the risk of the chemical solvents seeping through the foundations of the new homes planned for the Site. The draft Remedial Action Plan Amendment summarizes previous studies and identifies the recommended cleanup alternatives.

Proposed Cleanup Alternatives

DTSC evaluated two alternative removal actions for the Site:

Alternative 1: No change to the 1991 Approved Remedy;

Alternative 2: Increased Excavation and In-Situ Groundwater Treatment with a land use control.

Recommended Cleanup Alternative

DTSC recommends Alternative 2. Alternative 2 includes more excavation of contaminated soil. This alternative also includes additional injections followed by monitoring of the natural reductions of these chemicals in groundwater.

Alternative 2 also includes institutional controls (e.g., land use covenant) to restrict groundwater usage. The land use covenant also requires vapor intrusion mitigation systems (e.g., sub-slab depressurization system) for new buildings. Use of these systems may be necessary, based on future data, to minimize the potential for vapor intrusion into the indoor air.

Workers will dig out about 1,800 cubic yards of soil. Trucks will transport this soil to permitted off-site disposal facilities. During this work, workers will fence the Site for security. During all digging activities, workers will use water spraying, and other forms of dust control. We will oversee confirmation soil sampling to show that we have reached the cleanup goals. Then, workers will backfill the excavation with clean soil.



California Environmental Quality Act (CEQA)

The City of Mountain View, as the CEQA lead agency, prepared the January 5, 2016 Mitigated Negative Declaration (MND) for this project. The MND finds that the human and environmental impacts of the proposed cleanup actions are less than significant. Since the Site is within the Mora Drive Residential Project, DTSC relies on the MND for approval of the draft Remedial Action Plan Amendment for the Site. DTSC will prepare a Statement of Findings and Notice of Determination to adopt the City of Mountain View's MND.

Next Steps

DTSC will review and consider all public comments before making a final decision on the draft Remedial Action Plan Amendment. DTSC will prepare a responsiveness summary. We will provide a copy of this document to anyone who submits comments. Also, we will place copies of the responsiveness summary at the locations listed below.

Where to Get Information

You may review the draft Remedial Action Plan Amendment and other site-related documents at the following locations:

Mountain View Public Library
585 Franklin Street
Mountain View, California 94041
(650) 903-6887

DTSC – File Room
700 Heinz Avenue
Berkeley, California 94710
(510) 540-3800 (call for an appointment)

DTSC's EnviroStor at
<https://www.envirostor.dtsc.ca.gov/public/>.

Click on "Site / Facility Search" in the left pane, enter "Plessey Micro Science" in the facility name search box, and click the "Get Report" at the bottom of the web page. Click on the "REPORT" link on the left screen and click the "Community Involvement" tab to view a listing of available documents including the draft Remedial Action Plan Amendment.

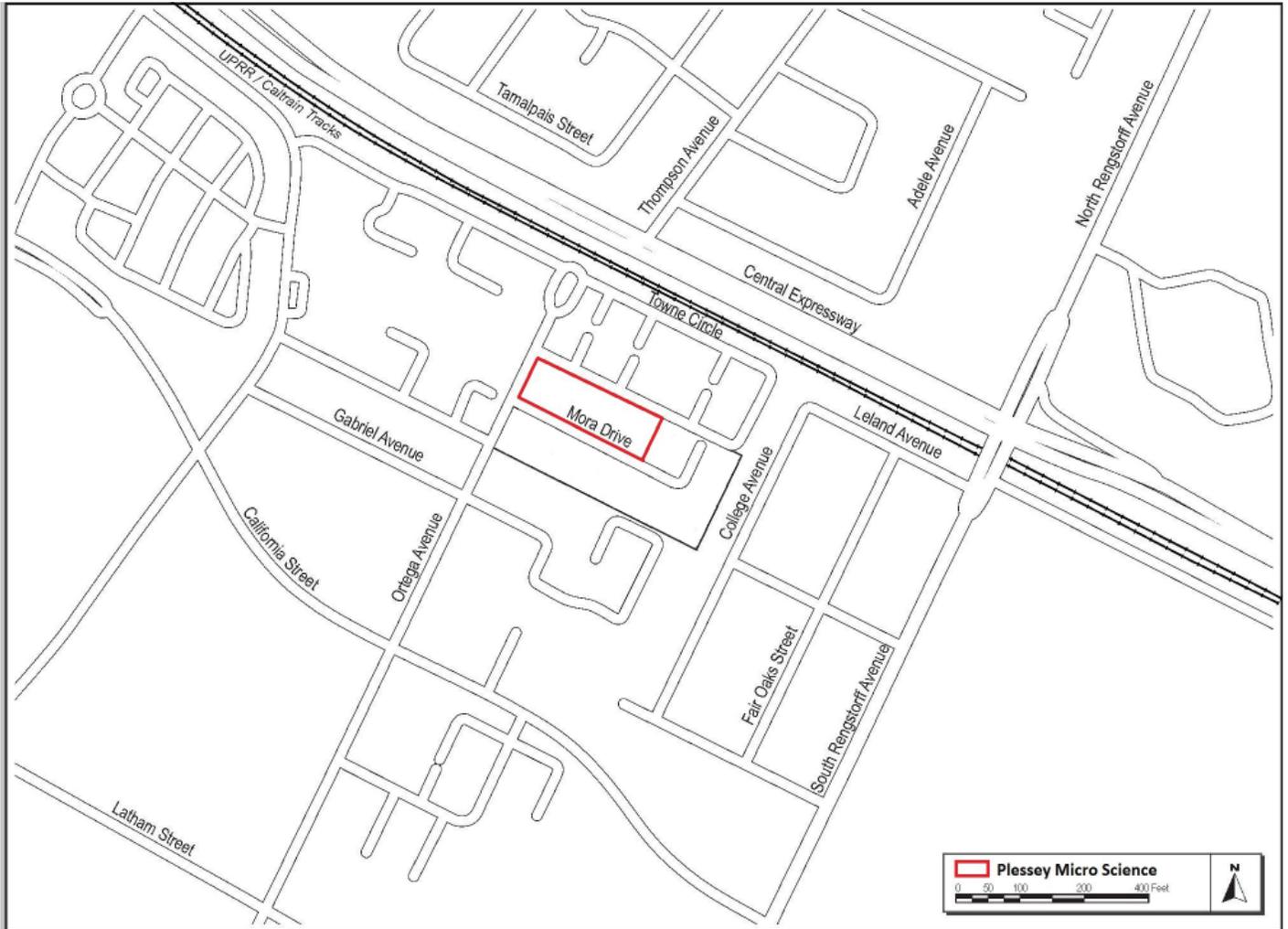
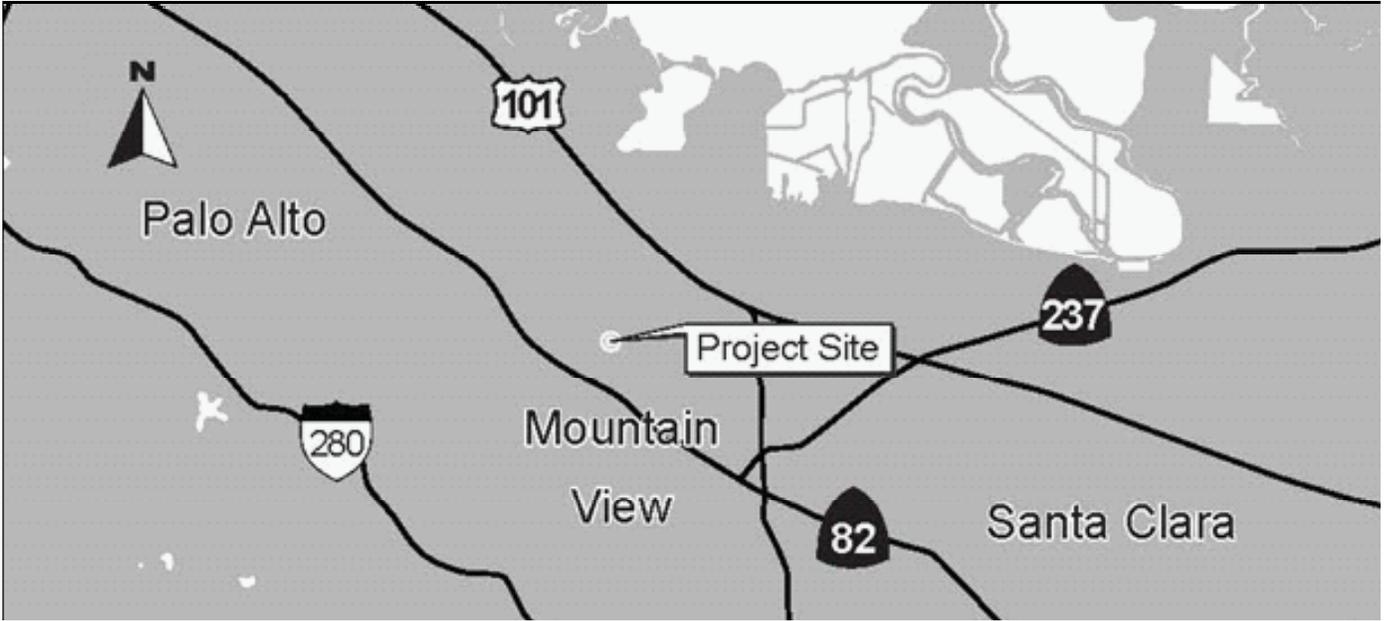
Contact Information

Karen Toth, Unit Chief at (510) 540-3834 or Karen.Toth@dtsc.ca.gov.

Nathan Schumacher, Public Participation Specialist at (916) 255-3650 or Toll free at (866) 495-5651. His e-mail is Nathan.Schumacher@dtsc.ca.gov.

For all media requests, please contact:
Russ Edmondson, Public Information Officer, at (916) 323-3372 or Russ.Edmondson@dtsc.ca.gov.





Site Location – City of Mountain View