

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

AMENDMENT OF ORDER NO. R2-2012-0019

**FINAL SITE CLEANUP REQUIREMENTS for
UNITED TECHNOLOGIES CORPORATION**

for the property located at:

**600 METCALF ROAD
SANTA CLARA COUNTY**

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

1. **Site Location and History:** The United Technologies Corporation (UTC) San Jose facility formerly occupied 5,113 acres in an unincorporated area of Santa Clara County, approximately five miles south of San Jose and four miles east of U.S. Highway 101, as shown in Figure 1. UTC operated the site from 1959 until 2004 to develop, manufacture, and test space and missile propulsion systems. All manufacturing operations ceased by December 2004. The developed portion of the site previously housed laboratories, research, testing, manufacturing, storage, and maintenance facilities associated with the production of solid rocket propellants. These propellants consisted primarily of ammonium perchlorate and aluminum suspended in a rubber matrix. Other materials used at the site included epoxies, paints, insulating materials, chlorofluorocarbons, and degreasing agents (primarily chlorinated and non-chlorinated solvents). Operations at the site resulted in extensive chemical contamination of soil and groundwater.
2. **Site Regulation:** The Water Board regulates cleanup of the site under Site Cleanup Requirements Order No. R2-2012-0019. Extensive cleanup of chemical contamination of soil and water at the site has been performed under Water Board oversight, beginning in the mid-1980s. Soil remediation at the site is considered complete, but groundwater cleanup, through operation of an extensive extraction and treatment system, is ongoing.
3. **Basis for Amendment:** UTC is currently in the process of transferring ownership of approximately 1,831 acres of the western portion of the site to the Santa Clara County Open Space Authority. The portion of the property to be transferred generally coincides with the area identified as the “Buffer Zone” shown in Figure 1 (referred to herein as the “Western Parcel” and shown as the area outlined in blue in Figure 2). Transfer of this property is expected to be complete by June 2015.

The Western Parcel was used as a buffer zone separating the industrial portions of the former UTC site from more populated and agricultural areas to the west/southwest. UTC never used the Western Parcel for any industrial purposes, and it lies primarily upwind and upslope from previously industrial areas. Limited soil sampling in the Western Parcel did not reveal the presence of chemicals that are known to exist in the

former industrial areas in the Eastern Parcel. 18 soil samples were collected in the Western Parcel as part of a site-wide investigation for perchlorate in 2004; perchlorate was not detected above laboratory reporting limits in any of those samples. Groundwater beneath the former buffer zone is hydraulically upgradient from the former industrial areas. It is unlikely that chemical contamination of soil or groundwater exists in the area that is being transferred.

4. **Purpose of Amendment:** This Amendment revises the description of "the site" contained in Order No. R2-2012-0019 to reflect the reduced size of the UTC property following transfer of the Western Parcel. The UTC site will henceforth consist of 3,282 acres, indicated as the "Eastern Parcel" (outlined in red) in Figure 2. Henceforth, the Site Cleanup Requirements described in Order No. R2-1012-0019 will apply only to the portion of the site shown as the Eastern Parcel in Figure 2. Removal of the Western Parcel from the site description will have no effect on the site cleanup activities required by Order No. R2-2012-0019 because the Western Parcel was not impacted by chemicals from UTC's site operations and required no cleanup.
5. **RCRA Regulation:** Some portions of the former UTC site are regulated by the Department of Toxic Substances Control (DTSC) under RCRA Part B Permit. These closed RCRA units occur only in the Eastern Parcel. DTSC is modifying the Part B Permit to reflect the property boundary change.
6. **Environmental Benefits:** Preservation of the Western Parcel as Open Space will benefit the recovery of the bay checkerspot butterfly, a federally threatened species, and special-status plant species that are known to be present in the Western Parcel.
7. **CEQA:** This action is an amendment of an order to revise the property description. Such editorial revisions are not "projects" as defined in the California Environmental Quality Act (CEQA). There is no reasonable possibility that this action will have a significant effect on the environment (Cal. Code Regs., tit. 14, §§ 15378 and 15061, subd. (b)(3)).

IT IS HEREBY ORDERED that the first sentence of Finding 2 of Order No. R2-2012-0019 is amended to read as follows:

"The UTC San Jose facility ("the site," as shown in Figure 1) occupies **3,282** acres in an unincorporated area of Santa Clara County, approximately five miles south of San Jose and four miles east of U.S. Highway 101."

The remainder of Finding 2 remains unchanged.

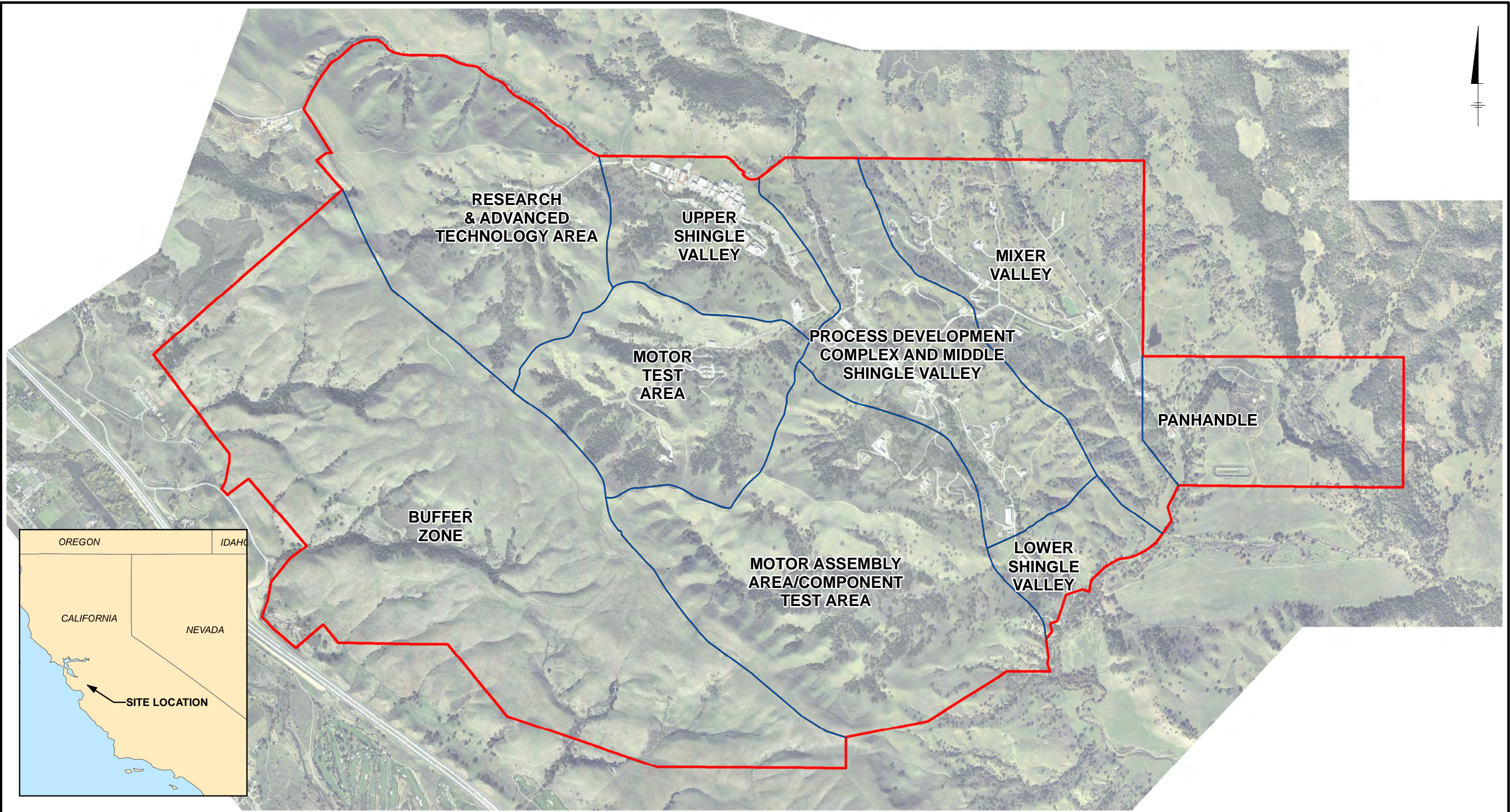
IT IS FURTHER ORDERED that the area outlined in red in Figure 2 of this Amendment (Revised Site Boundary) replace Figure 1 in Order No. R2-2012-0019 to locate and define the area regulated henceforth under Order No. R2-2012-0019.

I, Bruce H. Wolfe, Executive Officer, do hereby certify that the foregoing is a full, complete, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on insert date.

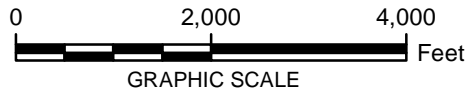
Bruce H. Wolfe
Executive Officer

Figure 1- Site Location Map
Figure 2 – Revised Site Boundary

CITY: CLE DIV/GROUP: SER/IM DB: L. Greene LD: PIC: PM: TM: TR:
80039837.0000.00001
Q:\UTC_PandW_Rocketdyne\SanJose\SiteCleanUpRequirementOrder_2011\mxd\SiteMapv2.mxd - 12/28/2011 @ 10:07:24 AM

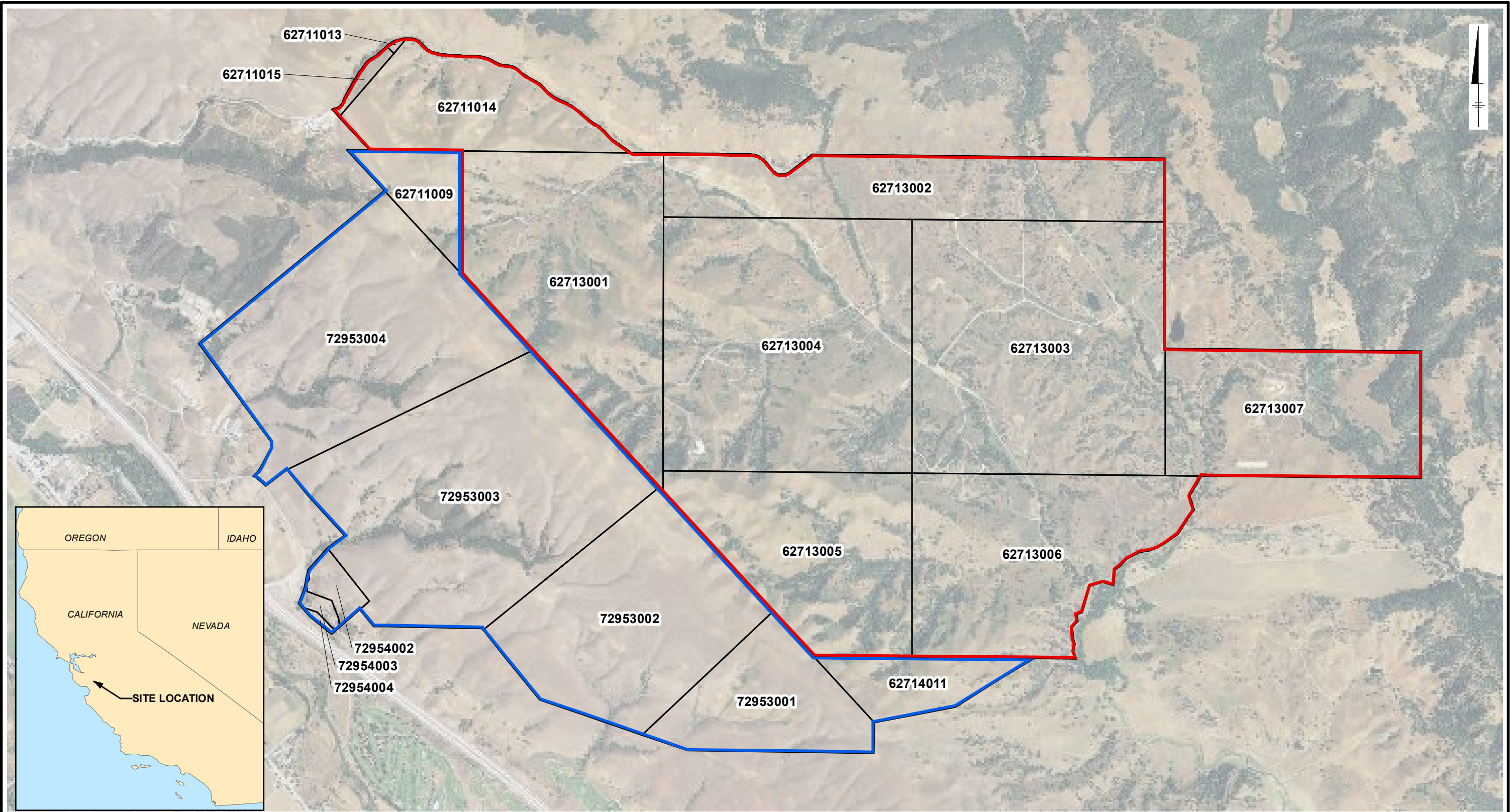


NOTE:
1. COLOR ORTHOPHOTO FLOWN BY HJW
GEOSPATIAL OF OAKLAND, CA, FALL 2004.

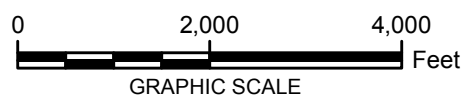


UNITED TECHNOLOGIES CORPORATION/ PRATT & WHITNEY ROCKETDYNE SAN JOSE, CALIFORNIA UTC SCR ORDER	
REGIONAL SITE MAP	
	FIGURE 1

CITY: CLE DIV/GROUP:SER/IM:DBL:GREENE LD: EAL PIC: PM: TM: TR: B0039599.0003.00010 Path: G:\enviro\Common\GIS\UTC_P_andW_Rocketdyne\SanJose\201412_RCRA_PartB_Permit_Modification\mxd\UpdateSiteBoundary.mxd Date Saved: 1/15/2015 1:45:58 PM



- LEGEND:
- EASTERN PARCEL - REVISED PROPERTY BOUNDARY
 - WESTERN PARCEL
 - ASSESSOR PARCELS



UNITED TECHNOLOGIES CORPORATION PRATT & WHITNEY SAN JOSE, CALIFORNIA	
REVISED SITE BOUNDARY	
ARCADIS	FIGURE 2