

**California Department of Conservation
Farmland Mapping and Monitoring Program**

2004 FIELD REPORT

COUNTY:Alameda

FIELD MAPPER(S): Patrick Hennessy

IMAGERY:

source: NASA-Ames Research Center
date: August 8-11, 2003
scale: 1:130,000
film type: CIR Transparencies
coverage gaps: none
additional imagery: none

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2002 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2004 update.*

➤ *local review comments*

cities: Fremont
county:
others: Douglas Herring and Associates

➤ *personal contacts:*

➤ *websites:* http://members.tripod.com/airfields_freeman/CA/Airfields_CA_SanJose.htm
<http://www.abag.ca.gov/bayarea/baytrail/vtour/map5/access/arrow.htm>
<http://www.ebparks.org>
http://www.elivernmore.com/olive_oil2.htm#The%20Olivina
<http://www.golffremont.com/>
<http://www.usarc.army.mil/parksrfta/>

➤ *GIS data referenced:*

2002-2004 CHANGES*: *Please summarize the most common changes to the maps. List representative locations (quads) of each type of change encountered. Make sure to list and describe particularly large, unusual or notable changes and give estimates of the acreage involved.*

➤ **Irrigated Farmland to Urban Land**

There are six changes from Irrigated Farmland to Urban Land. The most significant of these changes is 180 acres on the Dublin USGS 1:24,000 quad. New homes were built

on the west side of Interstate 680 in the city of Pleasanton. A different change on the Newark quad converted 50 acres for baseball fields near Interstate 880 in between Hayward and Union City. The rest of the changes are new home developments of 30 acres or less each.

➤ **Local, Grazing or Other Land to Urban Land**

This update has 65 changes. The largest was a 65 acre change for the Fremont Golf Course; 40 acres for the course itself and 25 acres of remaining Other Land that converted to Urban because it was completely surrounded and less than the 40 acre minimum. In Fremont, the Quarry Lakes Recreation area parking lots, picnic areas, and boat launch were mapped (50 acres). Similarly in Pleasanton, the Shadow Cliffs Park parking lots and picnic areas changed 19 acres. In the Livermore area, 35 acres were converted for the Livermore Honda dealership and new commercial buildings. Near Camp Parks, the Dublin Ranch Villages accounted for 26 acres.

➤ **Irrigated Farmland to Local or Grazing Land**

There are eight changes of Irrigated Farmland to Grazing Land. In Newark, 85 acres were fallow for three updates, and near the Livermore Airport, two changes also went fallow three updates (290 and 65 acres). Nearby, west of the gravel pits, 94 acres were also changed to Grazing Land.

➤ **Irrigated Farmland to Other Land**

There are only nine changes from Irrigated Farmland to Other Land during this update. Six of these changes involved Farmland going fallow for three or more updates that were too small for the 40 acre minimum for Grazing Land; two areas (85 & 105 acres) in Newark were reclassified to Other for being fallow three cycles and adjacent to the Bay mud flats. A twelve-acre farmstead was also mapped on the Clifton Court Forebay quad.

➤ **Local, Grazing or Other Land to Irrigated Farmland**

Fourteen total changes to Irrigated Farmland. Most of these changes are new grape vines north of Interstate 580 in Livermore and south of the city of Livermore near Arroyo Seco and Arroyo Mocho. There were two changes (31 & 38 acres) for the Olivina Olive Orchards near the Veterans Hospital, also south of Livermore.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2004.*

There were a few instances where Urban and Built-Up land was converted to another use. In Camp Parks, there was a twenty-acre change where Urban land had been abandoned for four updates, and was consequently changed to Other Land. The Fremont Airport has been abandoned and changed to Other land. The Fremont Raceway was converted to a wetland preserve according to the Fremont General Plan and also changed to Other land. Similarly, the Arrowhead Marsh by the Oakland Airport was also changed to Other Land. The other significant unusual changes are the permanent water bodies created as a result of the reclamation of gravel pits between Livermore and Pleasanton, and at Shadow Cliffs Park, and the Quarry Lakes Recreation Area in Fremont. The East

Bay Regional Parks Website was used to verify the status of the parks. The status of the gravel pits were verified by final land use maps submitted to the Department of Conservation's Office of Mine Reclamation. These were changes from Other Land to Water.

PROBLEM AREAS: *What locations and map categories need careful checking in 2006? Why?*

Watch for future developments south of Interstate 880 in the area between Newark and Fremont. New homes will probably show up north of Interstate 580 in the Livermore-Pleasanton area too. New grape vines might also appear north of I-580 as well as the southeast part of the Livermore Valley.

LABOR ESTIMATE: *Please estimate the amount of time spent on the following tasks.*

photo interpretation, start date: 5/24/04

photo interpretation, number of days: 10

ground truthing dates: 6/14–15/04

days for map compilation and clean up: 7

* **Note:** **Irrigated Farmland** = Prime Farmland, Farmland of Statewide Importance or Unique Farmland; **Local** = Farmland of Local Importance

Further information on the Farmland Mapping and Monitoring Program can be found at:

www.consrv.ca.gov/dlrp/fmmp