

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

2006 FIELD REPORT

COUNTY: Alameda

FIELD MAPPER(S): Md. Murshidul Hoque

IMAGERY:

source: National Agricultural Imagery Program, USDA

date: Summer 2005

scale: 2 meter resolution

film type : true color mosaic

coverage gaps: none

additional imagery: none

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2004 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2006 update.*

➤ *local review comments*

cities: Union City

county:

others:

➤ *personal contacts:*

➤ *websites: Callippe Preserve Golf Course:*

<http://maps.citysearch.com/map/view/41409872>

➤ *GIS data referenced:*

2004-2006 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 were five changes from irrigated farmland to Urban Land. The most significant of these changes was 69 acres on the Altamont quad for residential and park development. New homes were also built on the Livermore, Dublin, and Newark quads, but the additions were less than 15 acres each on those quads.

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

This update there were 33 changes of this type. The largest was a 155 acre change for new homes on the Niles quad; 149 acres for the new Callippe Preserve golf course in the Livermore area, and 94 acres of new homes on the Newark quad. There were new apartment buildings occupying ~80 acres in the Livermore area. There was a change of 40 acres in the San Leandro area for a water treatment plant. There was also new golf course in Midway City (25 acres). Most of the other changes were 10-20 acres each on various quads.

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

There were 17 changes of irrigated farmland to Grazing Land. In Dublin, 113 acres were fallow for three updates, and near the Clifton Court Forebay there were two changes of 108 and 96 acres that were fallow for three updates on the same quad. There were two areas that also went fallow for three updates on the Altamont and Livermore quads (58 and 40 acres, respectively).

➤ **Irrigated Farmland to Other Land**

There were only three changes from irrigated farmland to Other Land during this update. One of these changes involved farmland going fallow for three or more updates in the Newark area (47 acres). Also, two small areas (8 and 9 acres) in Newark were reclassified to Other Land, one for being fallow three cycles and the other was nonfarmed land within an airport.

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

There were six total conversions to irrigated uses. Two were new grape vines on the Niles and Livermore quads, at 15 and 25 acres. The remaining changes were less than 10 acres each and involved field crops and nurseries.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2006.*

There were a few instances where Urban and Built-Up land was converted to another use. These represented boundary adjustments to on the Newark, Livermore, and Hayward quads of less than five acres each and a 10-acre adjustment to grazing on the Dublin quad.

PROBLEM AREAS: *What locations and map categories need careful checking in 2008? Why?*

Watch for future developments on the Livermore quad. There are a number of homes, apartment buildings and other developments occurring there.

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

photo interpretation, start date: 10/16/06

photo interpretation, number of days: 3

ground truthing dates: 10/31–11/6

days for map compilation and clean up: 4

* **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