

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

2006 FIELD REPORT

COUNTY: San Mateo

FIELD MAPPER(S): Troy Dick

IMAGERY:

source: National Agricultural Imagery Program (NAIP)

date: summer 2006

scale: 2 meter resolution

film type: true color mosaic

coverage gaps: none

additional imagery: NAIP 2005 (1 meter resolution) for San Mateo County.

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:* none

cities:

county:

others:

2004-2006 CHANGES*: *Please summarize the most common changes to the maps. List representative locations (quad or city) 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:** No conversions in this category

➤ **Grazing or Other Land to Urban Land:** 17 conversions

The majority of the urbanization this update was simply due to the use of higher resolution (1 meter) imagery throughout the county, including areas where it had previously been lacking. In the Portola Valley area, this new imagery allowed for the delineation of approximately 450 acres of existing homes. This area of homes may also have increased in density in recent years due to infill development.

On the other hand, the development of new homes and buildings were seen in a few spots in San Mateo County. For example, in the El Granada area ~10 acres were delineated for the Harbor Village development. Meanwhile, in South San Francisco, about 30 acres consisted of mostly new homes and buildings. This included the Summit Ridge,

Ridge, and Landmark home developments, and the Southport Self Storage. On the San Mateo quad, a total of ~30 acres was delineated for new homes along with ~20 acres for the new Hillcrest School facility.

➤ **Irrigated Farmland to Grazing Land:** 19 conversions

All the changes that occurred in this category were due to plots of Irrigated Farmland having been found fallow for 3 updates. In the whole county a total of ~490 acres went from Irrigated Farmland to Grazing Land. The largest change happened on the Half Moon Bay quad with a total of ~160 acres going out of production. This was followed by the La Honda and Pigeon Point quads with ~110 and 100 acres, respectively, going out of production.

➤ **Irrigated Farmland to Other Land:** 16 conversions

A majority of these changes were due to Irrigated Farmland having been found fallow for 3 or more update cycles, typically in units too small to be mapped as Grazing Land. In the whole county ~100 acres of Irrigated Farmland was converted to Other Land. The largest change of this type, approximately 40 acres, occurred on the Franklin Point quad.

➤ **Local, Grazing or Other Land to Irrigated Farmland:** 10 conversions

In the whole county a total of ~160 acres went from Grazing or Other Land to Irrigated Farmland. The most notable addition of Irrigated Farmland in this update occurred on the Franklin Point quad near State Highway 1 (Cabrillo Highway) where an approximately 80 acre addition of Irrigated Farmland was found adjacent to existing farmland.

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

Urban Land to Other Land

Countywide ~480 acres were reclassified from Urban Land to Other Land. This was due to higher resolution imagery that supported more accurate delineation of the Urban boundary. The largest single change, approximately 130 acres, was on the La Honda quad.

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

Almost all dryland grain areas will need to be checked in the next couple of updates as much of it is in the following process with a majority of it looking to come out of Farmland of Local Importance in the next update. Also San Mateo County needs field checking in the late spring or early summer.

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

photo interpretation, start date: 11/9/2007

photo interpretation, number of days: 6

ground truthing dates: December 5,6, and 7, 2007

days for map compilation and clean up: 2

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

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

www.consrv.ca.gov/dlrp/fmmp