

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

2004 FIELD REPORT

COUNTY:San Joaquin

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: Lathrop

county:

others:

➤ *personal contacts:*

➤ *websites:* SanJoaquin County community development Mountain House Master Plan
http://www.co.san-joaquin.ca.us/commdev/cgi-bin/cdyn.exe/handouts-mtnhouse_mhmasterplan_ch03?grp=handouts-mtnhouse&obj=mhmasterplan_ch03

Stockton Unified School District - <http://www.stockton.k12.ca.us/>

Manteca Unified School District - <http://www.mantecausd.net/>

Association of California Water Agencies - <http://www.acwanet.com/>

➤ *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**

A total of 78 changes this update. These changes have a variety of acreage spread throughout the county. In the northern extent of Stockton, several new home developments were mapped. Some of the largest include the Waterford Estates on 115 acres, 220 acres of new homes just west side of Highway 99, and 165 acres of homes and the new Cesar Chavez High School near the Auto Mall. The Beck Ranch Homes converted 20 acres and another 33 acres south of the Elkhorn county club also has new houses.

The south Stockton area also has a variety of activity. The Burlington Northern and Santa Fe Intermodal Rail facility converted 95 acres of irrigated farmland. Another high school was also built in Stockton, the Weston Ranch High School on 50 acres. Warehouses converted 45 acres in the industrial part of south Stockton. The San Joaquin General Hospital added a couple more buildings and converted 10 acres.

In the Lodi area, there were 66 acres of new homes on the southwest portion of the city. The Tracy area added 220 acres when the Mountain House development was started. An auto transfer and distribution center has paved surfaces on 90 acres of irrigated farmland just west of Tracy. Back in the city of Tracy, the Elissagaray Ranch Homes converted 60 acres and the Redbridge Homes are 25 acres. Around Manteca, new homes added 60, 45 and 35 acres to Urban Land.

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

There are 38 changes of this type. Most are less than 40 acres. Warehouses in the southern part of Stockton converted 45, 40 and 35 acres to Urban Land. Also in the same area, the Golden State Lumber Yard covered 45 acres and another 30 acres is a junkyard. The auto transfer and distribution center mentioned above also converted an additional 100 acres of Grazing Land to Urban Land. Lastly, a landfill expansion near the eastern county line in the foothills added 80 acres of Urban Land.

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

This has the largest number of changes in this update. There are 140 total changes. They were the result of irrigated farmland going fallow for three or more updates and they are spread throughout the county. Some of the largest single changes include two on Mandeville Island, one is 300 acres and the other is 270 acres. In the extreme northeast corner of the county, 165 acres were changed to Local because this particular area had been fallow for four update cycles and was inaccessible in the field. There are two changes of 100 acres and the remaining changes are all less than 100 acres each.

➤ **Irrigated Farmland to Other Land**

There are 33 changes. Some of the most interesting include a church and water storage that changed 40 acres on the Avena quad. Near Escalon, low-density housing converted 55 acres to Other Land. Two quarry operations on the Solyo quad in the southwest part of the county each converted 85 and 25 acres respectively. Although a small change, the Sani-Pak company converted over 10 acres to Other Land.

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

This update has a big total for this type of change, almost 100. The majority of the changes were less than 50 acres each. Grape vines tend to be the biggest type of crop converting these areas. Large additions of vines include 165 acres near Lodi and 130 acres near Linden. In the northeast part of the county, 90 acres of vines were also added. Row crops also added to the irrigated farmland acreage. Near Clements, 80 acres were added and in the eastern foothills 50 acres of row crops were mapped.

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

None

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

Watch for Urban expansion around the periphery of the Stockton, Lathrop, and Manteca. New grape vines will likely also be common next update.

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

photo interpretation, start date: December 6, 2004

photo interpretation, number of days: 25

ground truthing dates: January 24-28, 2005

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