

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

2002 FIELD REPORT

COUNTY: Kings

FIELD MAPPER(S): Larelle Burkham-Greydanus

IMAGERY:

source: NASA-Ames Research
date: 9-07-01
scale: 1:130,000
type: CIR
coverage gaps: none
additional imagery: none

WRITTEN, DIGITAL & ORAL INFORMATION SOURCES: *Please list which local governments, interest groups, or individuals submitted comments on the 2000 maps. Also list all phone and in-person contacts made or related GIS data referenced while conducting the 2002 update.*

➤ *local review comments*

cities: Cindy Cain, Assistant Planner
City of Hanford
(559) 585-2578

William J. Keese, Chairman
Avenal Energy Project Committee
State of California, CA Energy Commission
1516 9th St.
Sacramento, CA 95814

Tami Hemans
City of Concoran
(559) 992-2151 ext. 236

county:

others:

➤ *personal contacts:*

➤ *websites:*

http://www.kingsedc.org/web_brochure1.html

➤ *GIS data referenced:*

2000-2002 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**

Nine changes total in this category. The majority and largest occurred around the cities of Hanford and Lemoore. For example, Lemoore had approximately 61 acres converted for new houses. Hanford had approximately 240 acres converted as a result of new home construction.

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

A total of six changes primarily occurring on the Hanford and Lemoore quads. The most notable were 657 acres on the Lemoore quad for new homes and the Lemoore Industrial Park enlargement.

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

Twenty three changes overall in this category with the largest area of change (~340 acres) of confined livestock found on the Guernsey quad. Other changes were due to increased size of confined livestock facilities (varying ~5 to 40 acres) especially on the Waukena and Burris Park quads.

➤ **Irrigated Farmland to Other Land**

The majority of change seen in this category was due to irrigated farmland going fallow for 6 years and having less than a 40 ac minimum to qualify for grazing land. A total of 13 changes seen.

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

A total of 22 changes were found. The largest was Grazing land found to have new irrigated agriculture (including irrigated grains) on the Lone Tree Well quad for a total of ~900 acres and on the Hacienda Ranch quad for ~450 acres.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance definition, or any other special circumstances in 2002.*

None.

PROBLEM AREAS: *What locations and map categories need careful checking in 2004? Why?*

Continued monitoring of the Lone Tree Wells Hacienda Ranch, Pyramid Hills and Avenal Gap quads for addition and removal of irrigated agriculture including alfalfa and grains.

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

<i>photo interpretation, start date:</i>	5/5/03
<i>photo interpretation, number of days:</i>	4

ground truthing dates:

6/23/03 to 6/26/03

days for map compilation and clean up: 6

* **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