

**California Department of Conservation  
FARMLAND MAPPING AND MONITORING PROGRAM**

**2008 FIELD REPORT**

**COUNTY:** Sacramento

**FIELD MAPPER(S):** Troy Dick

**IMAGE DATA USED:**

Source	Digital Globe Inc.
Acquisition date	September, 2008
Data description	1 foot resolution, true color mosaic
Coverage gaps	None
Additional imagery used	Google Maps

**WRITTEN, DIGITAL & ORAL INFORMATION SOURCES:**

*The following entities and individuals provided information used to conduct 2008 mapping.*

**Local Review Comments**

(submitted by cities, counties, & others on 2006 maps)

**Personal Contacts**

Beatrix Treiterer  
Assistant Wildlife Refuge Manager  
Stone Lakes National Wildlife Refuge  
(916) 775-4421

**Websites Used for Reference**

City of Galt

<http://www.ci.galt.ca.us/>

City of Sacramento, Department of Parks and Recreation, Alphabetical Park List & Detailed Park Map

<http://www.cityofsacramento.org/parksandrecreation/parks/alphalist.htm>

Cosumnes Community Service District: Parks & Facilities: List of Parks

[http://www.yourcsd.com/parks/parks\\_list.asp](http://www.yourcsd.com/parks/parks_list.asp)

Elk Grove Auto Mall

<http://www.elkgroveautomall.com>

Folsom Homes.net

<http://www.folsomhomes.net/folsomschools.php>

Great Schools

<http://www.greatschools.net>

Google Maps, Street View  
<http://maps.google.com/>

Stone Lakes National Wildlife Refuge  
<http://www.fws.gov/stonelakes>

Sacramento Regional County Sanitation District (SRCSD)  
<http://www.srcsd.com/>

GIS Data Used for Reference

### 2006-2008 CHANGE SUMMARY:

*Changes made during the map update are summarized by type and location. Particular attention is paid to large or unusual changes and their estimated acreages. Please note that land use type, size of land use unit, soil quality, and Farmland of Local Importance definition (if any) determines the final Important Farmland (IFL) category. [See definitions](#) at bottom of table.*

#### Conversions to Urban Land

Irrigated Farmland to Urban Land	23 changes
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The majority of these changes this update were due to new homes, schools, shopping centers, parks, and businesses for a total of ~330 acres of conversions made for the following developments in the city and adjacent area of **Elk Grove**:

- Approximately 90 acres for Cosumnes Oaks High School.
- Approximately 90 acres for Church of Jesus Christ of Latter-Day Saints: the Laguna Creek 2<sup>nd</sup> Ward and Glenbrook by Del Webb Homes.
- Approximately 80 acres for the partially built Elk Grove Shopping Mall.
- Approximately 40 acres for Britschgi Ranch Homes.
- Approximately 20 acres for Morse Park.
- Approximately 10 acres for sports field and business.

Meanwhile a total of approximately 230 acres of conversions were made for the following developments in the city and adjacent areas of **Sacramento**:

- Approximately 60 acres for K.Hovanian Four Seasons West Shore, West Shore Lake development, and a new building.
- Approximately 50 acres for San Juan Reservoir Park.
- Approximately 30 acres for Peregrine Park and new homes.
- Approximately 30 acres for Walgreens, Four Points by Sheraton Hotels, apartments, and other stores.
- Approximately 30 acres for The Hamptons Estate.
- Approximately 10 acres for The Shore at Riverbend II Community and Tim Lewis Community.
- Approximately 10 acres for Sonora Spring Homes.
- Approximately 10 acres for the Natomas Golf Center.

The majority of the urbanization this update was due to new homes, shopping centers, businesses, parks, and schools for a total of ~480 acres of conversions made for the following developments in the city and adjacent area of **Sacramento**:

- Approximately 190 acres for Astoria Community, Orleans at Provence Meadows, other new homes, and apartments.
- Approximately 180 acres for Foods Co, Hampton Inn, Holiday Inn, USOL International Foods, California Family Fitness Center, Staybridge Suites, offices, other businesses, and fast food chains.
- Approximately 50 acres for Linden Park, Hampton Park, Tanzanite Community Park, and new homes.
- Approximately 30 acres for Commerce Learning Center, H. Allen Height Elementary School, Natomas Middle School, and new homes.
- Approximately 30 acres for expansion to the Sacramento Regional Wastewater Treatment Plant.

Meanwhile a total of approximately 290 acres of conversions were made for the following developments in the city and adjacent area of **Folsom**:

- Approximately 130 acres for Creekview Manor, Rivage Condos, new park, and other new homes and businesses.
- Approximately 90 acres for Vista Del Lago High School, Russell Ranch Elementary School, and other new homes.
- Approximately 60 acres for Bed Bath and Beyond, Waste Connection Inc., Wireless Toyz, Fitness Together, Goodwill, Aria med spa, Circuit City(closed), Vizcaya: The Parkway Homes, and other businesses.
- Approximately 10 acres for a covered water control structure.

Furthermore, a total of approximately 240 acres of conversions were made for the following developments in the city and adjacent area of **Rancho Cordova**:

- Approximately 100 acres for Woodside Homes, Mariposa at Sunridge Park, Kavala Ranch, and other new homes.
- Approximately 60 acres for expansion of the Sacramento County Landfill.
- Approximately 50 acres for American's Choice High School, Sunrise Elementary School, and Sandpiper Park.
- Approximately 30 acres for new buildings, new warehouse, and other new businesses.

On the other hand, higher resolution (1 foot) imagery was used to delineate existing homes throughout the county, as some areas had lacked detailed imagery in the past. On the Rio Linda quad, this higher resolution imagery allowed ~70 acres of Urban Land to be added.

## Conversions from Irrigated Farmland aside from urbanization

Irrigated Farmland to Nonirrigated Land Uses	97 changes
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There were two primary reasons for the conversion of irrigated farmland:

First, the majority of these changes were due to plots of irrigated farmland having been fallow for three or more update cycles. Countywide a total of approximately 3,830 acres went out of production. The largest change in this category occurred on the Jersey Island quad with a total of ~640 acres going out of production. This was followed by the Bruceville and Clay quads with a total of ~500 and 410 acres, respectively, going out of production.

Second, areas of irrigated farmland were identified that are no longer being irrigated but, instead, are being used for the cultivation of nonirrigated grain crops. These areas had not been irrigated for multiple update cycles. The largest change occurred on the Taylor Monument quad with a total of approximately 187 acres going to nonirrigated grain crops. This was followed by the Galt and Clay quads with a total of ~134 and 110 acres, respectively, going to nonirrigated grain crops.

Irrigated Farmland to Other Land	14 changes
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A majority of these changes were due to a combination of the use of higher resolution (1 foot) imagery to delineate areas of low-density housing, mining, or natural vegetation throughout the county and irrigated farmland having been fallow for 3 or more update cycles in plots of land too small to be mapped as nonirrigated land uses. The largest single change happened on the Galt quad, with approximately 80 acres going to Other Land for low-density housing. This was followed by the Taylor Monument quad with a total of ~70 acres going to Other Land uses.

## Conversions to Irrigated Farmland

Nonirrigated Land Uses and Other Land to Irrigated Farmland	26 changes
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The most notable addition of irrigated farmland this update occurred on the Clay quad with a total of approximately 310 acres. This was followed by the Elk Grove and Clarksburg quads with a total of ~190 and 170 acres, respectively, going to irrigated farmland.

## Unusual Changes

(Types of change not already described or special circumstances during the 2008 update.)

Water to Urban, Grazing or Other Land: 6 changes

These conversions from Water to Urban, Grazing, or Other Land were due to the use of higher resolution (1 foot) imagery to delineate more distinct Water boundaries for Folsom Lake and along the Sacramento River. These changes consisted of a total of approximately 80 acres which occurred on the Grays Bend, Taylor Monument, and Folsom quads.

## Areas of Concern for Future Updates

(Locations or map categories noted as needing careful checking during 2010 update, and reasons.)

None

**Definitions:**

**Irrigated Farmland** includes most irrigated crops grown in California. When combined with soil data, these farmed areas become the Important Farmland (IFL) categories of Prime Farmland, Farmland of Statewide Importance & Unique Farmland. Because of the nature of the IFL definitions, some irrigated uses, such as irrigated pastures or nurseries, may not be eligible for all three IFL categories.

**Nonirrigated land uses** include grazing areas, land used for dryland crop farming, and formerly irrigated land that has been left idle for three or more update cycles. These uses are frequently incorporated into county Farmland of Local Importance definitions.

**Other Land** includes a variety of miscellaneous uses, such as low density rural residential development, mining areas, vacant areas and nonagricultural vegetation. Confined animal agriculture facilities are mapped as Other Land unless incorporated into a county Farmland of Local Importance definition.

**Urban Land** includes residential, industrial, recreational, infrastructure and institutional uses.

For more on map categories, including Farmland of Local Importance definitions, visit the [FMMP web site](#).

**LABOR ESTIMATE:**

*Time estimates for conducting the 2008 update.*

Image interpretation, start date	June 29, 2009
Image interpretation, number of days	9
Ground truth dates	9/21/2009 – 9/24/2009
Number of days for post-ground truth clean up	4

Further information on the Farmland Mapping and Monitoring Program can be found at:  
<http://www.conservation.ca.gov/dlrp/fmmp/Pages/Index.aspx>