

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

2006 FIELD REPORT

COUNTY: San Bernardino

FIELD MAPPER(S): Kerri Kisko

IMAGERY:

source: Air Photo USA

date: February 2006

scale: 1 foot resolution

film type: true color mosaic

coverage gaps: none

additional imagery: National Agricultural Imagery Program, summer 2005, 2-meter resolution, true color mosaic

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: City of Redlands, Community Development Department
City of Yucaipa

county: San Bernardino County, Advance Planning Division

others: none

➤ *personal contacts:* none

➤ *websites:*

Chasin Racin: www.chasinracin.com

County of San Bernardino: www.co.san-bernardino.ca.us

Experience Vellano: www.experiencevellano.com

Ironwood Christian Camp: www.ironwood.org

San Bernardino County Superintendent of Schools: www.sbcss.k12.ca.us

Solid Waste Information System: www.ciwmb.ca.gov/swis

Yahoo Yellow Pages: www.yp.yahoo.com

➤ *GIS data referenced:*

California Integrated Waste Management Board: SWIS landfill/waste facility reference file (swis.dgn)

Municipal boundary layer for the State of California (MUBCAXXX_albers.shp)

Street layer for the County of San Bernardino (GDT_sbd.mdb\ Street)

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 41 conversions of irrigated farmland to urban land this update. The majority of these changes occurred in the eastern inland valley cities of Redlands, Loma Linda, Yucaipa, and Highland. In the City of Redlands, the Sorrento housing development was added (~55 acres) as well as another area of new homes (~45 acres). Also, several warehouses were added, including the Ashley Furniture warehouse (~45 acres) and the California Palms warehouse (~20 acres). Other conversions in the City of Redlands included the expansion of a power plant (~15 acres), the expansion of the water treatment plant (~10 acres), and the expansion of the California Street Landfill (~10 acres). In the City of Loma Linda, two housing developments were added: Mission Lane homes (~60 acres) and Barton Vineyard Apartments (~25 acres). In the City of Yucaipa, the Crafton (~50 acres) and Braeburn (~35 acres) housing developments were noted. In the City of Highland, the Citrus Estates housing community (~70 acres) was added.

In the western part of the inland valley urban development occurred in the cities of Rancho Cucamonga, Fontana, Chino, and Ontario. In the City of Rancho Cucamonga, a large shopping center, hotels, and The Reserve condos (~75 acres total) were noted, as well as the Kumho Tires warehouse (~55 acres) and the Town Square Shopping Center (~25 acres). In the City of Fontana, the Sycamore Hills housing development (~100 acres) and another area of new homes (~50 acres) were added as well as two large distribution centers (~100 acres total). In the City of Chino, an area of warehouses and a shopping center were added (~65 acres total) along with the Garden Glen housing community (~60 acres) and the Crosspoint Church (~10 acres). In the City of Ontario, a new shopping center (~35 acres) and an area of new homes (~25 acres) were noted.

There was only one conversion of irrigated farmland to urban land in the Mojave Desert portion of the county. In the Town of Apple Valley, the Sitting Bull Elementary and Sitting Bull Middle Schools (~20 acres total) were added.

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

This update there were 213 conversions of local, grazing, or other land to urban land. These changes included new homes, schools, businesses, and parks.

In the Mojave Desert area these changes were concentrated in the cities of Victorville, Hesperia, and Adelanto. In the City of Victorville, multiple new housing communities were added, including: Foxfire Ranch (~120 acres), Diamond Ridge at Crystal Springs (~115 acres), Canterbury Place (~85 acres), Mariposa (~85 acres), Elkona at

Covenant (~40 acres), Tuscany (~30 acres), Cherrybrook Lane (~25 acres), and two other areas of new homes (~130 and 80 acres). The Nutro and AmeriCold Logistics buildings (~35 acres) were added as well as two new car dealerships (~15 acres total) and the High Desert Travel Center (~10 acres). Also in Victorville, the Endeavour School of Exploration (~10 acres) was noted. The Southern California Logistics Airport also added some paved strips for airplane parking (~160 acres) and expanded a runway (~25 acres). In the City of Hesperia, new housing developments included Lexington (~95 acres), Mission Crest (~55 acres), Chaparral (~50 acres), Cedar Glen (~40 acres), and three other areas of new homes (~125, 55, and 40 acres). In the City of Adelanto, the Seasons (~150 acres) and Sundance (~15 acres) housing developments were added as well as three other areas of new homes (~80, 80, and 50 acres). Two new schools were also noted; Theodore Vick Elementary School (~30 acres) and Victoria Magathan Elementary School (~10 acres).

Elsewhere in the Mojave Desert, the Solera at Apple Valley (Del Webb) housing community (~115 acres) was expanded, the Vineyards housing development (~100 acres) was added and the Apple Valley Towne Center (~25 acres) was noted in the Town of Apple Valley. In the Community of Mountain View Acres, two areas were changed to urban due to increased housing density (~145 and 70 acres). An area of new homes (~65 acres) was added west of the Community of Phelan. Near the town of Harvard, the Ironwood Christian Camp (~60 acres) was noted off of Cherokee Street. Near the Community of Lucerne Valley, a water reclamation facility was added at the junction of Camp Rock and Foothill Roads.

In the inland valley area the majority of the changes occurred in the cities of Fontana, Rancho Cucamonga, Rialto, and San Bernardino. In the City of Fontana, the housing developments of Citrus Heights (~110 acres), Allendale (~50 acres), and Coyote Canyon (~35 acres) were added. Two new schools were noted: Summit High School (~50 acres) and Ruble Middle School (~20 acres). Also in Fontana, Rosena Park (~10 acres) was added. In the City of Rancho Cucamonga, the Homecoming at Terra Vista housing development (~35 acres) was added along with another area of new homes (~45 acres). The Deardens and Nong Shim warehouses (~65 acres total), Rancho Cucamonga Central Park (~25 acres), and Etiwanda Creek Park (~10 acres) were also noted. In the City of Rialto, multiple warehouses were added, including two large distribution centers on Casa Grande Drive (~245 acres), a group of warehouses on South Riverside Ave (~85 acres), and the Kuehne+Nagle warehouse (~55 acres) on Palmetto Ave. In the City of San Bernardino, the Paraiso Estates housing development (~55 acres) and Cesar E. Chavez Middle School (~15 acres) were added and the Al Guhin Park and Blast Soccer Complex (~25 acres total) were noted.

Other developments seen in the inland valley included part of the Vellano Country Club golf course community (~95 acres) that was added in the City of Chino Hills. The Gilbert warehouse (~25 acres) and a shopping center (~25 acres) were noted in the City of Chino. In the City of Redlands, the Citrus Grove Business Park (~45 acres), Orange Tree Marketplace (~25 acres), and some new homes (~80 acres) were added. In the City of Highland, the Highland Grove Elementary and Beattie Middle Schools (~40 acres total) were noted. Finally, the Whisper Ridge housing development (~70 acres) was added in the City of Yucaipa.

➤ Irrigated Farmland to Local or Grazing Land

There were 87 conversions of irrigated farmland to local or grazing land this update. The majority of these changes were due to irrigated farmland being fallow for three or more update cycles. Most of these changes were fairly small in size (30 acres or less). The majority (63) of the conversions occurred in the inland valley area (particularly on the Redlands, Guasti, and Prado Dam quads). The other 24 changes were scattered throughout the Mojave Desert area. Large conversions of 100 acres or larger occurred on the Hodge (1), Apple Valley South (1), Guasti (1), San Bernardino South (1), Redlands (1), Manix (1), Newberry Springs (1), and Prado Dam (2) quads.

Two changes were due to irrigated farmland being converted to nonirrigated grain. Nonirrigated grain is part of the Farmland of Local Importance category. One conversion occurred on the Guasti quad (~60 acres) along Haven Ave and the other on the Yucaipa quad (~15 acres) along Oak Glen Road.

➤ **Irrigated Farmland to Other Land**

This update there were 36 conversions of irrigated farmland to other land. All of these changes were less than 40 acres in size. The majority of the conversions occurred in the inland valley area (particularly near the cities of Chino and Redlands). Low-density housing in the form of ranchettes and rural commercial accounted for the majority (19) of the changes. Confined livestock conversions due to expansions of existing dairies (13) occurred primarily in the Chino area. Other conversions were due to a compost facility and areas disturbed for development.

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

There were 33 conversions of local, grazing, or other land to irrigated farmland this update. These changes occurred throughout the county and primarily were in the form of alfalfa, field crops, orchards, and irrigated pasture. The majority of these changes were less than 20 acres in size. Some changes of note include an area of alfalfa (~235 acres) on the Harvard Hill quad, an area of alfalfa (~130 acres) on the Shadow Mountains SE quad, an area of alfalfa (~65 acres) on the Helendale quad, and an area of field crops grown under low plastic tunnels (~55 acres) on the Phelan quad.

➤ **Grazing Land to Other Land**

There were 444 conversions of grazing land to other land. The majority of these changes were less than 30 acres in size and mainly occurred in the Mojave Desert area. Most of the changes were due to low-density housing (approximately half of these changes were due to improved aerial imagery, not new construction). Some of the changes were due to rural commercial facilities, such as the Adelanto Raceway Park (~35 acres) in the City of Adelanto and the Victorville Motors dirt racetrack facility (~55 acres) in the City of Hesperia. Other changes were due to mining activities, small dairies, and equestrian facilities.

➤ **UNUSUAL:** *Category changes, complications with the Farmland of Local Importance*

definition, or any other special circumstances in 2006.

Urban Land to other uses: There were 14 conversions of urban land to other uses. All, save one, of these changes were due to boundary adjustments due to improved aerial imagery. The one change of note is the removal from urban of an area (~120 acres) of open desert from the Marine Corps Supply Center in the Community of Yermo.

Local to Grazing Land: There were four changes of local to grazing land. These were due to nonirrigated grain being fallow for four update cycles. These changes were 10-40 acres in size.

Grazing Land to nonirrigated vines: There were three conversions of grazing land to nonirrigated vines. Nonirrigated vines are mapped as Unique Farmland. All of these changes occurred on the Devore quad (~305, 160, and 55 acres). The nonirrigated vines are not new, however, due to being nonirrigated, they were very hard to see on the aerial imagery. These changes were all field verified.

Irrigated Farmland to nonirrigated orchards: There were five changes of irrigated farmland to nonirrigated orchards. Nonirrigated orchards are mapped as Unique Farmland. These changes all occurred on the Guasti quad (~10-30 acres each). These orchards had looked spotty for the past few updates and were found to be nonirrigated during the field inspection. These changes result in Prime Farmland and Statewide of Farmland Importance conversions to Unique Farmland.

Water to Other Land: There was one conversion of water to other land. On the Mt. Baldy quad, a flood retention basin (~95 acres) was converted to a gravel mining operation.

Landfills: Due to improved aerial imagery and the use of the SWIS landfill/waste facility reference file (swis.dgn), six landfills were added to Urban Land. Three of these landfills had been mapped as Other Land (possibly mistaken for mining facilities) and the other three had been mapped as Grazing Land (these were hard to see in the aerial imagery). The landfills added include: the Lenwood-Hinkley Landfill (~75 acres) on the Barstow quad, the Oro Grande Landfill (~335 acres) on the Helendale quad, the Phelan Refuse Disposal Site (~75 acres) on the Phelan quad, the Hesperia Refuse Disposal Site (~65 acres) on the Silverwood Lake quad, the Yermo-Calico Landfill (~25 acres) on the Yermo quad, and the Lucerne Valley Disposal Site (~15 acres) on the Grand View Mine quad.

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

Watch for more urban development in the cities of Victorville, Hesperia, and Redlands.

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

photo interpretation, start date: December 14, 2006

photo interpretation, number of days: 16

ground truthing dates: January 22-26, 2007

days for map compilation and clean up: 9

* **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