



Our headwaters, Matilija Creek

Ventura River Watershed Management Plan

Goal (1 of 7)

Enough Local Water

“Surface water and groundwater of a sufficient quantity and rate of flow to maintain independence from imported water and reliably support ecosystem and human needs in the watershed.”



Watershed Overview

-  Ventura River Watershed
-  U.S. Forest Service
-  Urban Areas



Data Source:
California Protected Areas Database v1.8
Urban Areas: FMMP
Map Created by GreenInfo Network using Esri software
April 2013 www.greeninfo.org

The Ventura River watershed is **100%** dependent upon **LOCAL** surface water and groundwater supplies.

No imported water is used.

Rainfall

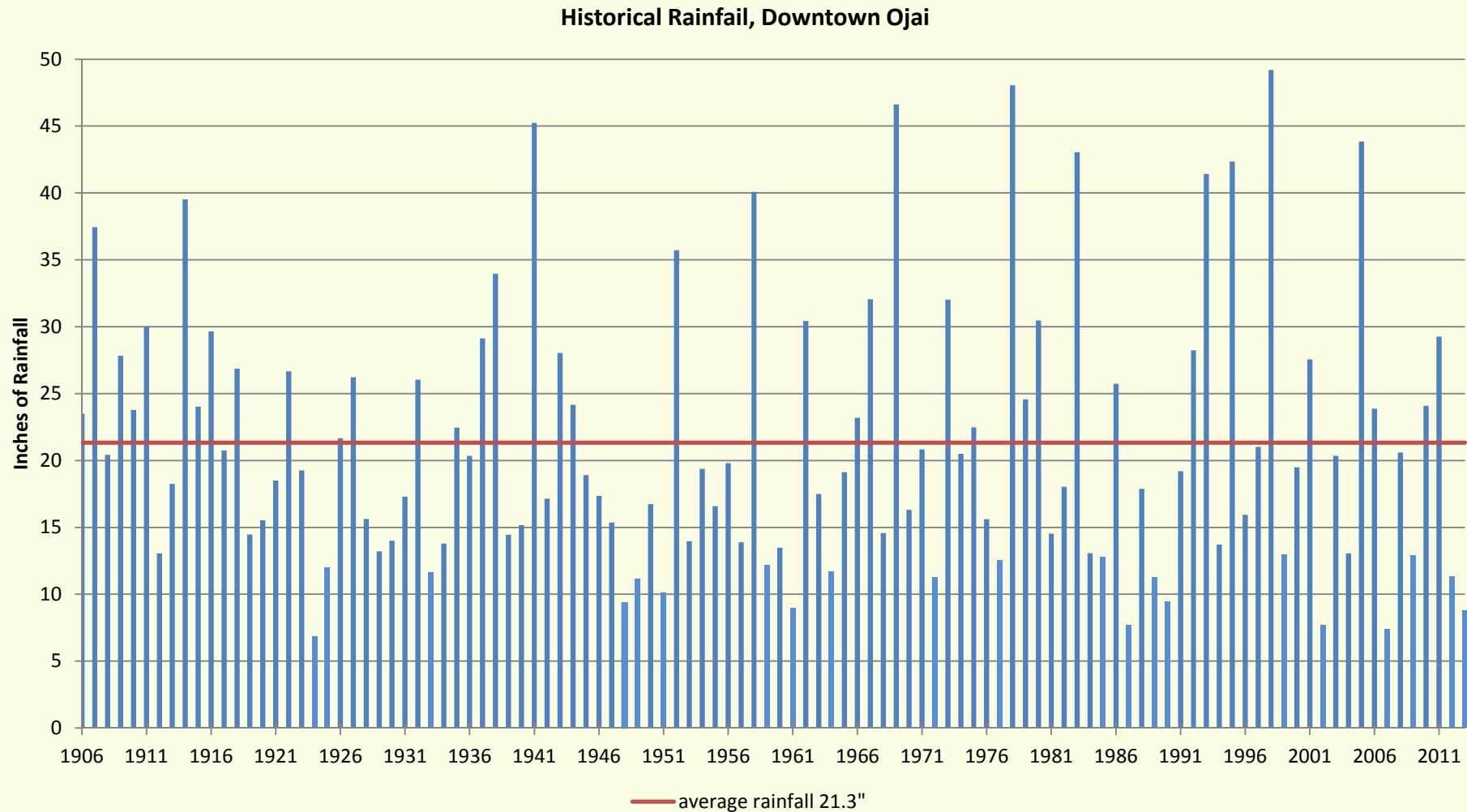
Variable geographically

Variable seasonally

Variable from year to year

Rainfall

Since 1906, 67% of the years have had less than average rain.



Surface Water



**Robles Diversion/Canal
– diverts Ventura River
water to the lake**

Lake Casitas

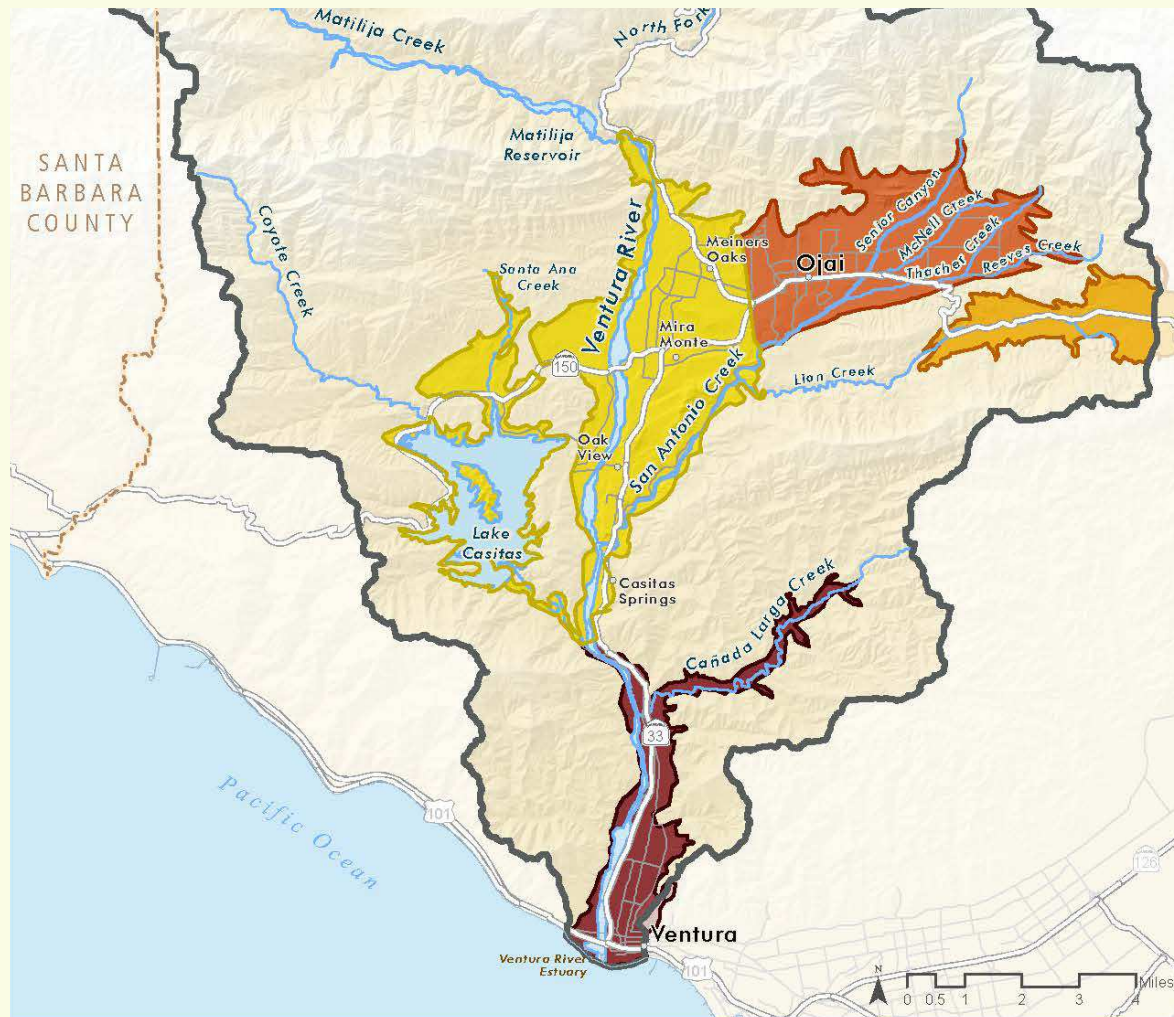


Surface Water







**Ventura River diversions
& wells near Foster Park**

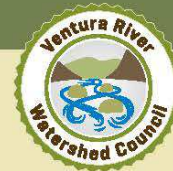
Groundwater



Groundwater Basins

 Ventura River Watershed

| Groundwater Basin | Acres | Sq. Mi. | Depth to Water (ft.) | | Max. Capacity | Avg. Well Yield | Active Wells |
|---|-------|---------|----------------------|-----------|---------------|-----------------|--------------|
| | | | Shallow | Deep | | | |
|  Upper Ojai | 3,800 | 5.9 | 40-200 | 400-600 | 5,681 AF | 50 gmp | 95 |
|  Ojai Valley | 6,830 | 10.7 | 0-80 | 600-900 | 85,000 AF | 383 gmp | 149 |
|  Upper Ventura River | 7,410 | 11.6 | 0-5 | 200-300 | 35,118 AF | 600 gmp | 160 |
|  Lower Ventura River | 5,300 | 8.3 | 60 | 100-1,000 | 264,000 AF | 20 gmp | 16 |



Data Source: Groundwater Basins
Ventura County Watershed
Protection District
Map Created by GreenInfo Network
using Eri! software
April 2013 www.greeninfo.org

Groundwater Basins

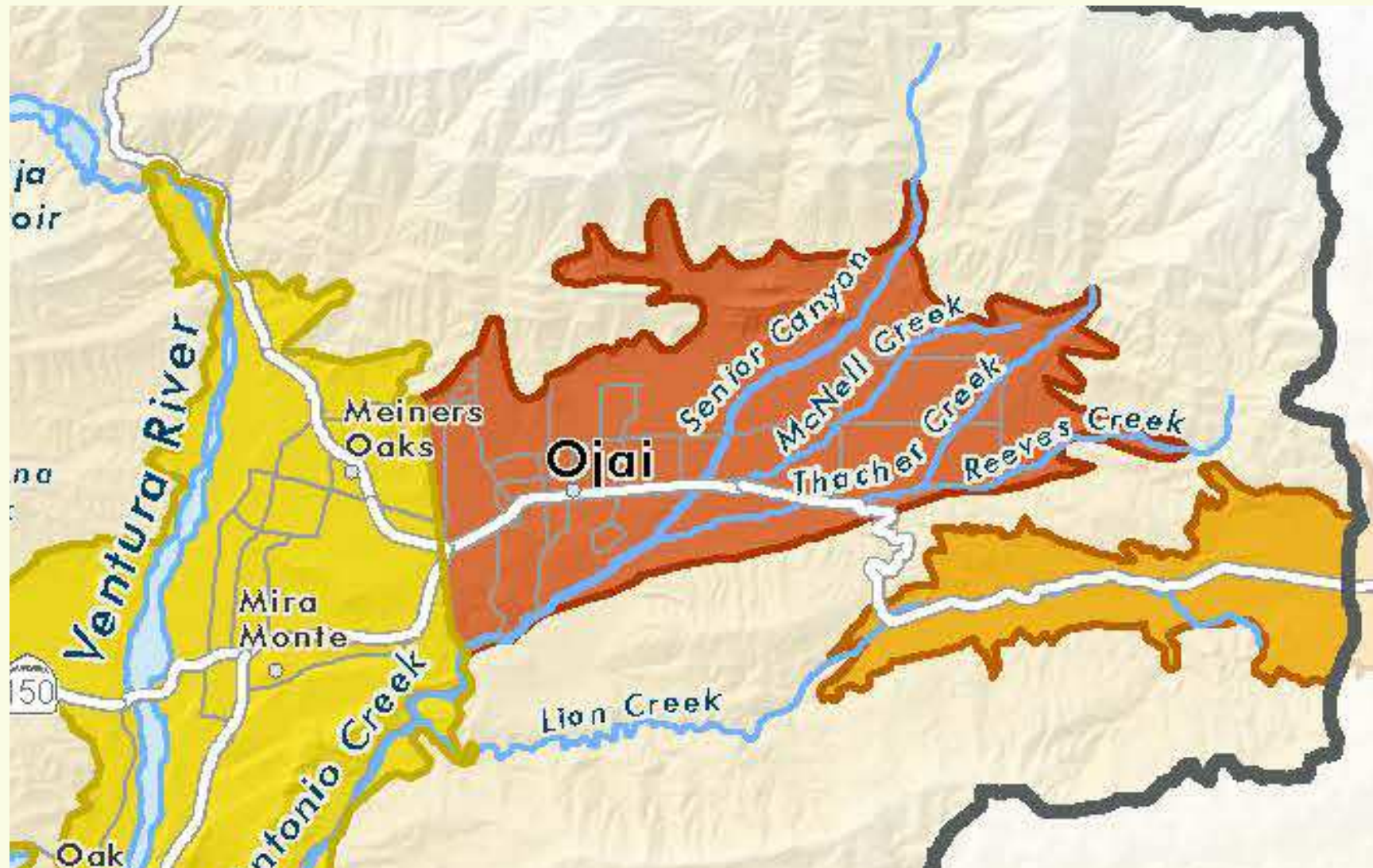
Mostly alluvial valley fill = porous.

Refill quickly with rain.

Shallow along the river.

Groundwater Basins

Ojai Valley Basin



Groundwater Basins

Ojai Valley Basin

Only basin where (almost) all extractions are monitored & managed thanks to Ojai Basin Groundwater Management Agency.

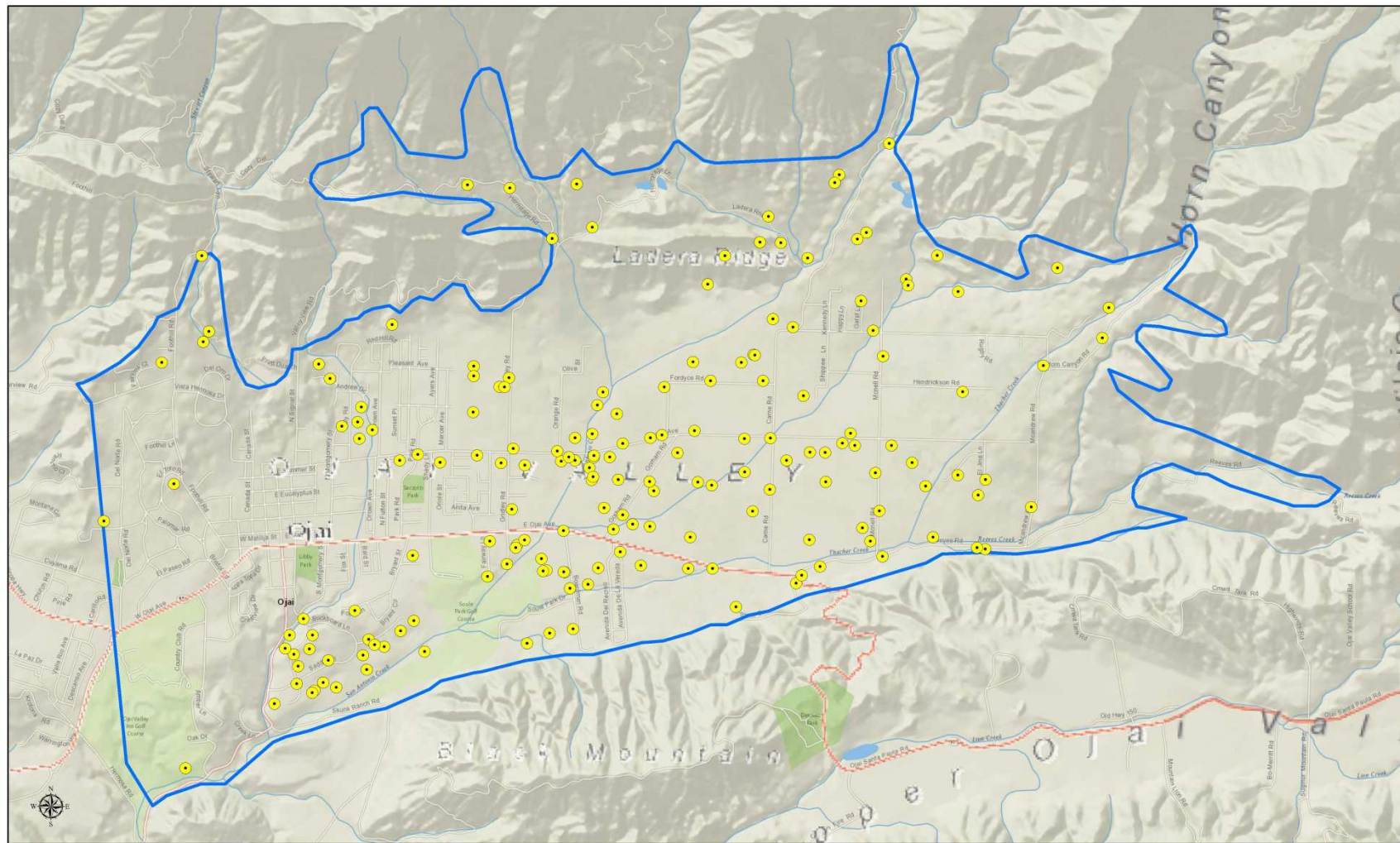
Important urban & ag water supply source.

Like a bowl.

Feeds San Antonio Creek.

Groundwater Basins

Ojai Valley Basin



Legend

- Ojai Valley Groundwater Basin
- Active Wells

**Active Water Wells in the
Ojai Valley Groundwater Basin**
(Well status as of October 10, 2012)

0 2,000 4,000 Feet

DISCLAIMER: The information contained herein was created by the Ventura County Watershed Protection District, Water & Environmental Resources Division for its own use. The VOWPD assumes no liability for damages, omissions or discrepancies.

Groundwater Basins

Upper Ventura River Basin

Directly connected to Ventura River (eastern part).

Empties & refills quickly.

More like a slide than a bowl (along the river).



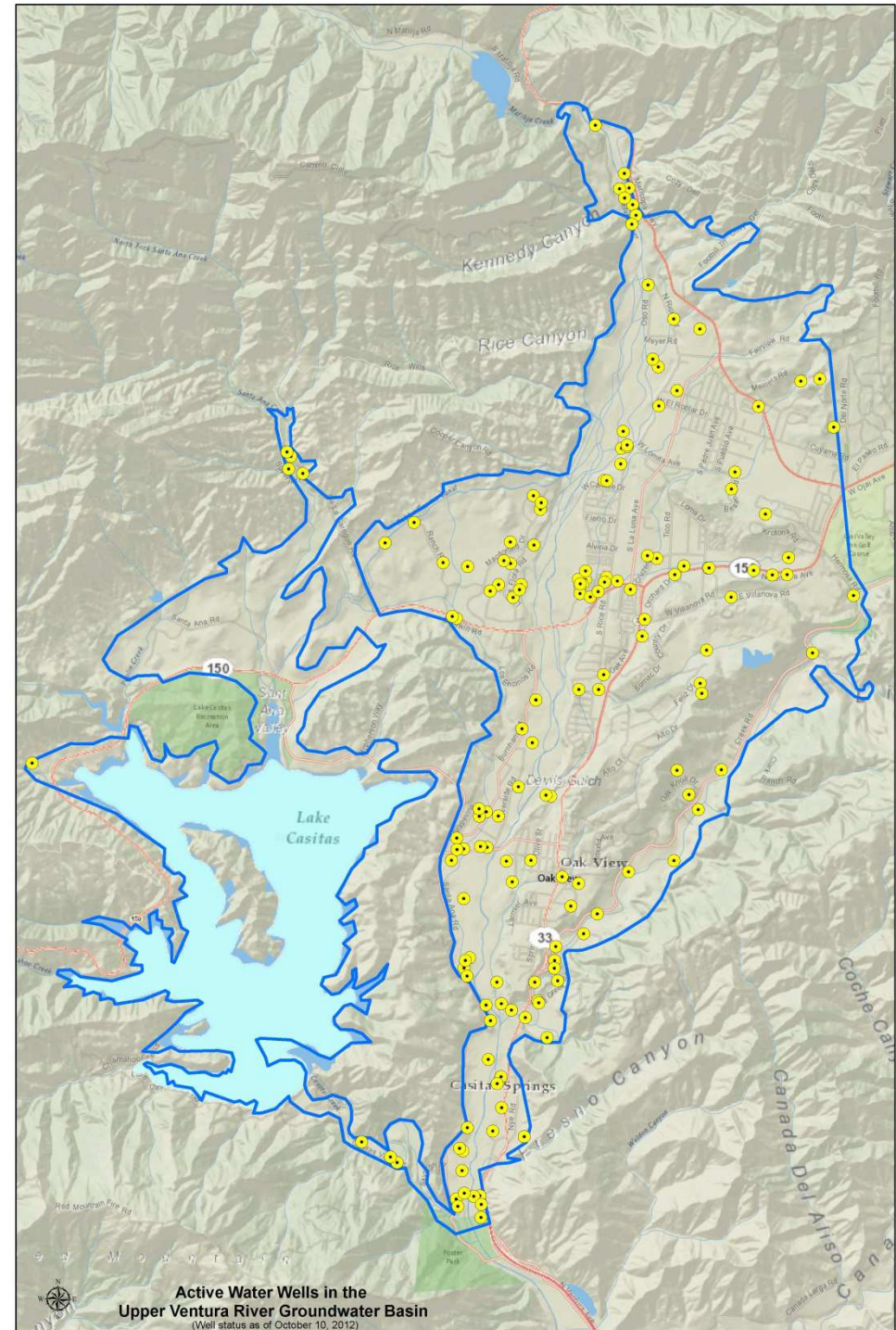
Groundwater Basins

Upper Ventura River Basin

River Basin

Important urban & ag water supply source.

Extractions unmonitored (except municipal) & unmanaged.



Groundwater Basins

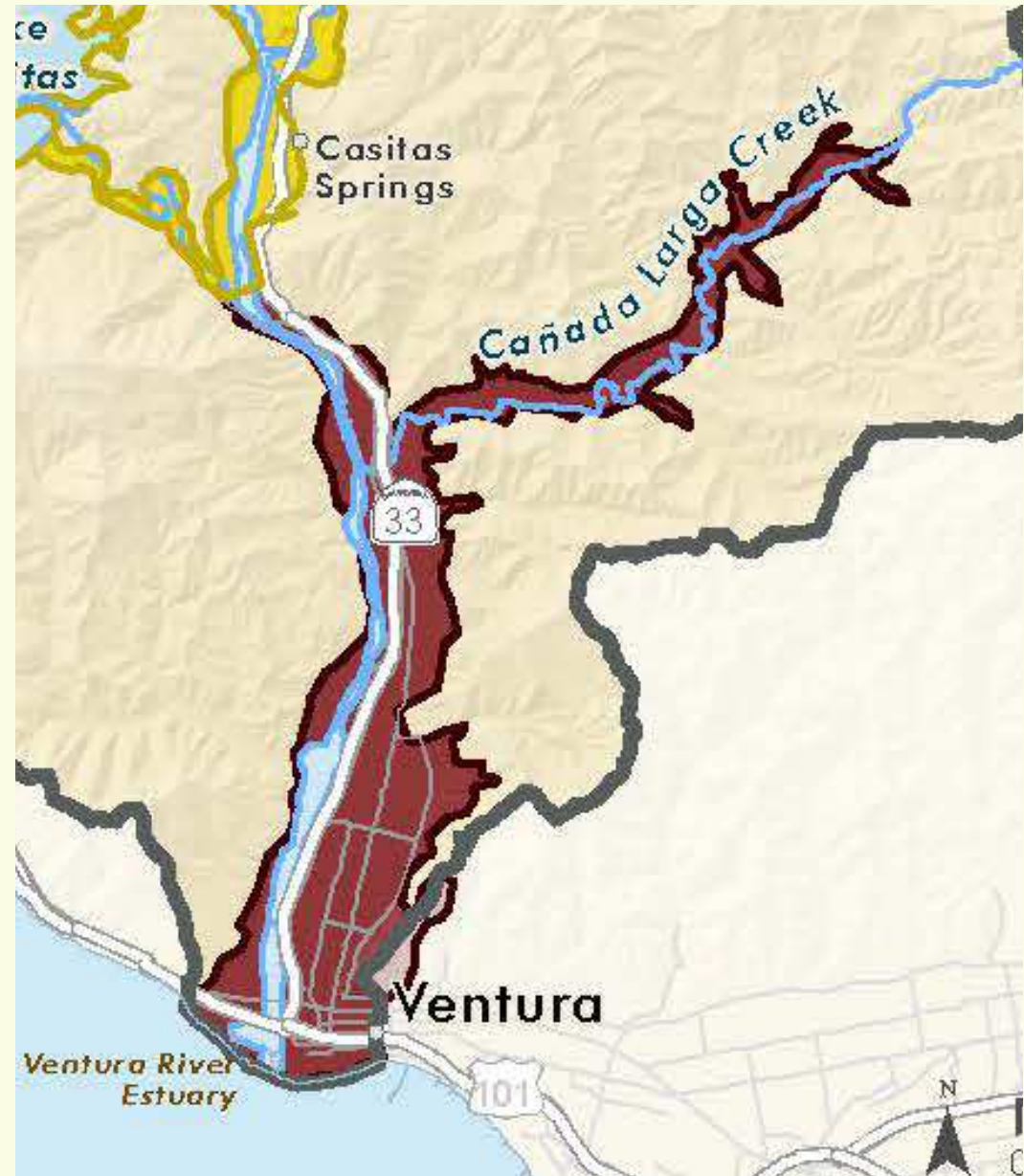
Lower Ventura River Basin

Connected to estuary.

Upper alluvial part connects to Ventura River.

Potential for sea water intrusion.

Other water quality issues.

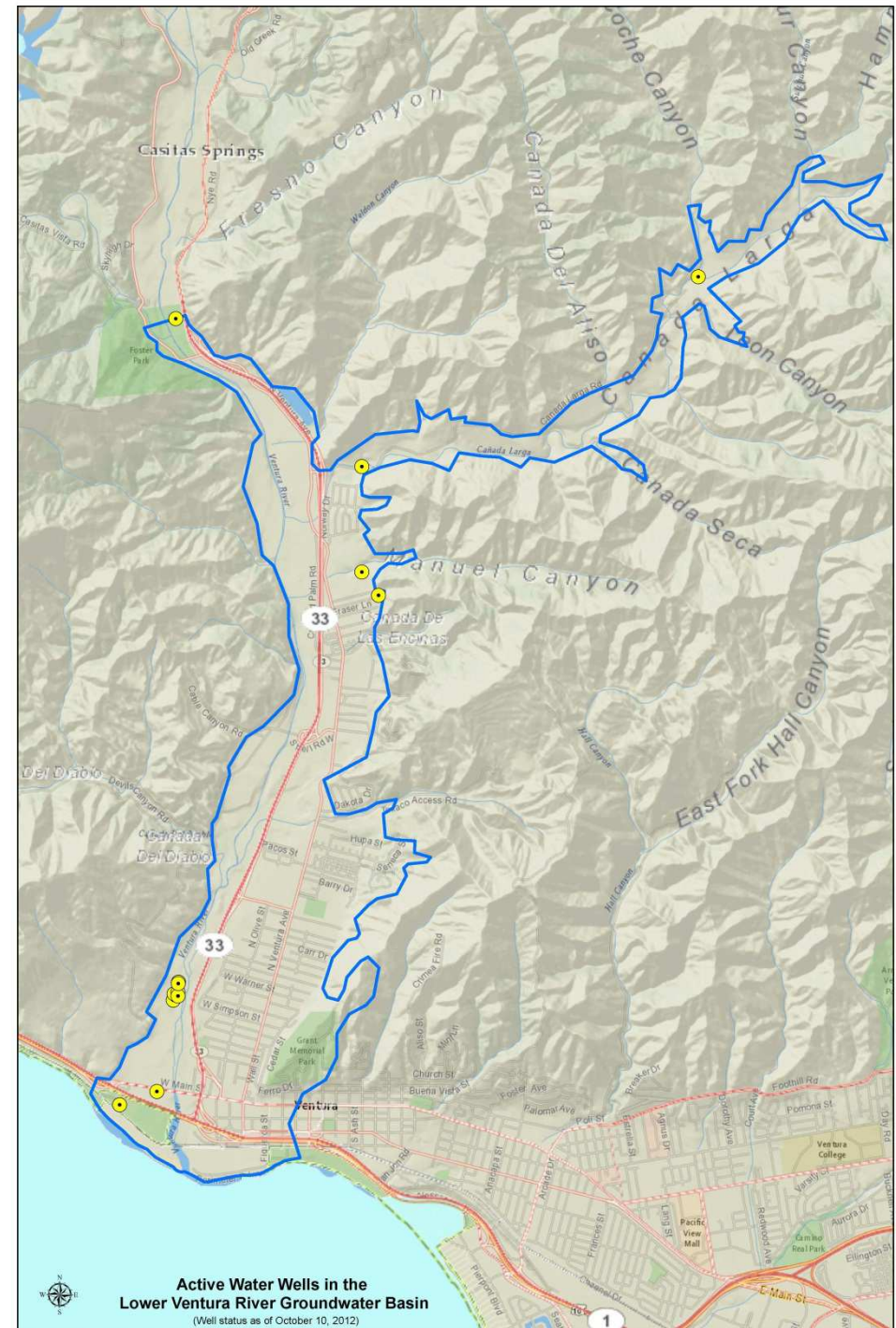


Groundwater Basins

Lower Ventura River Basin

Used mostly by ag.

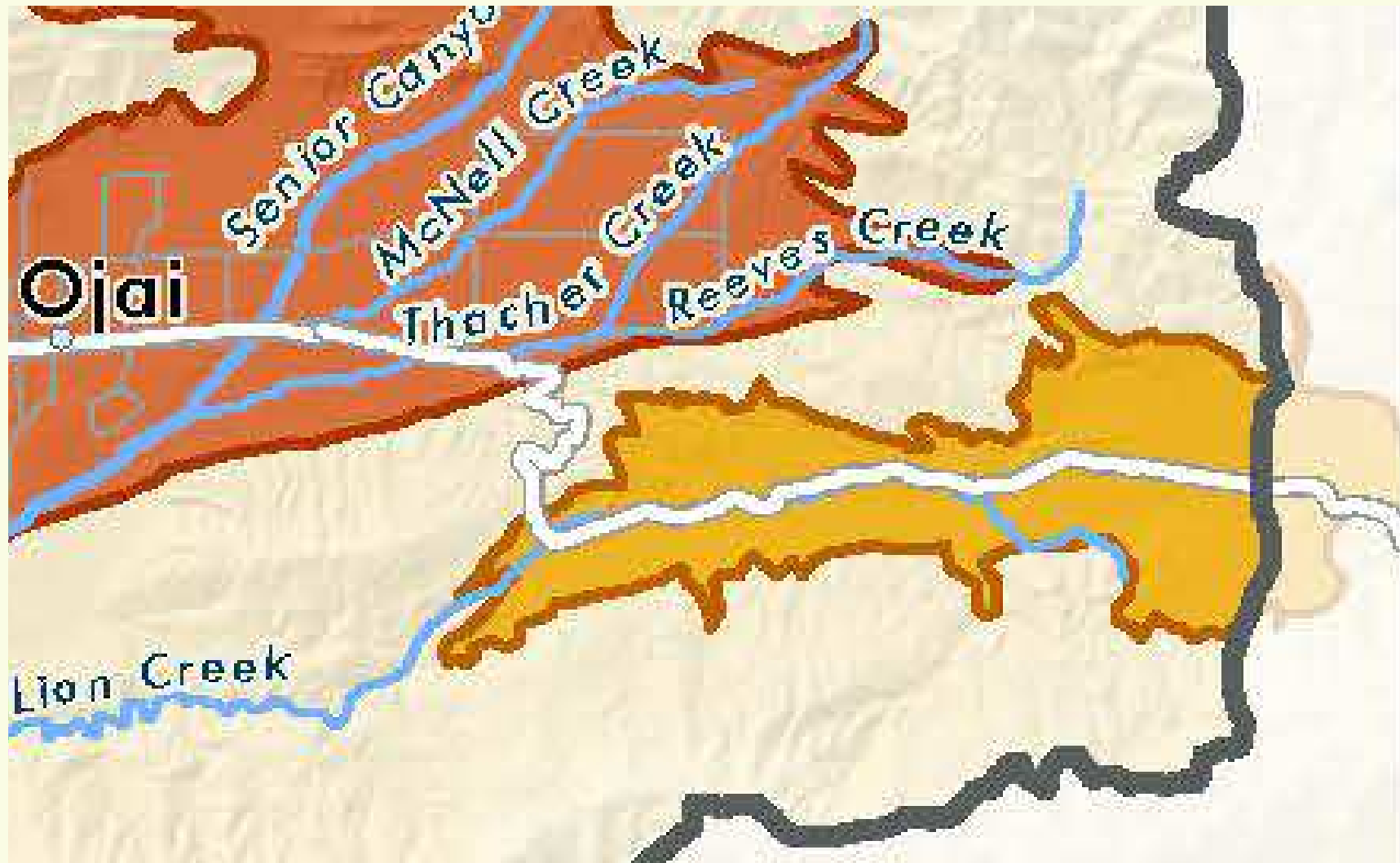
Extractions unmonitored
& unmanaged.



Groundwater Basins

Upper Ojai Basin

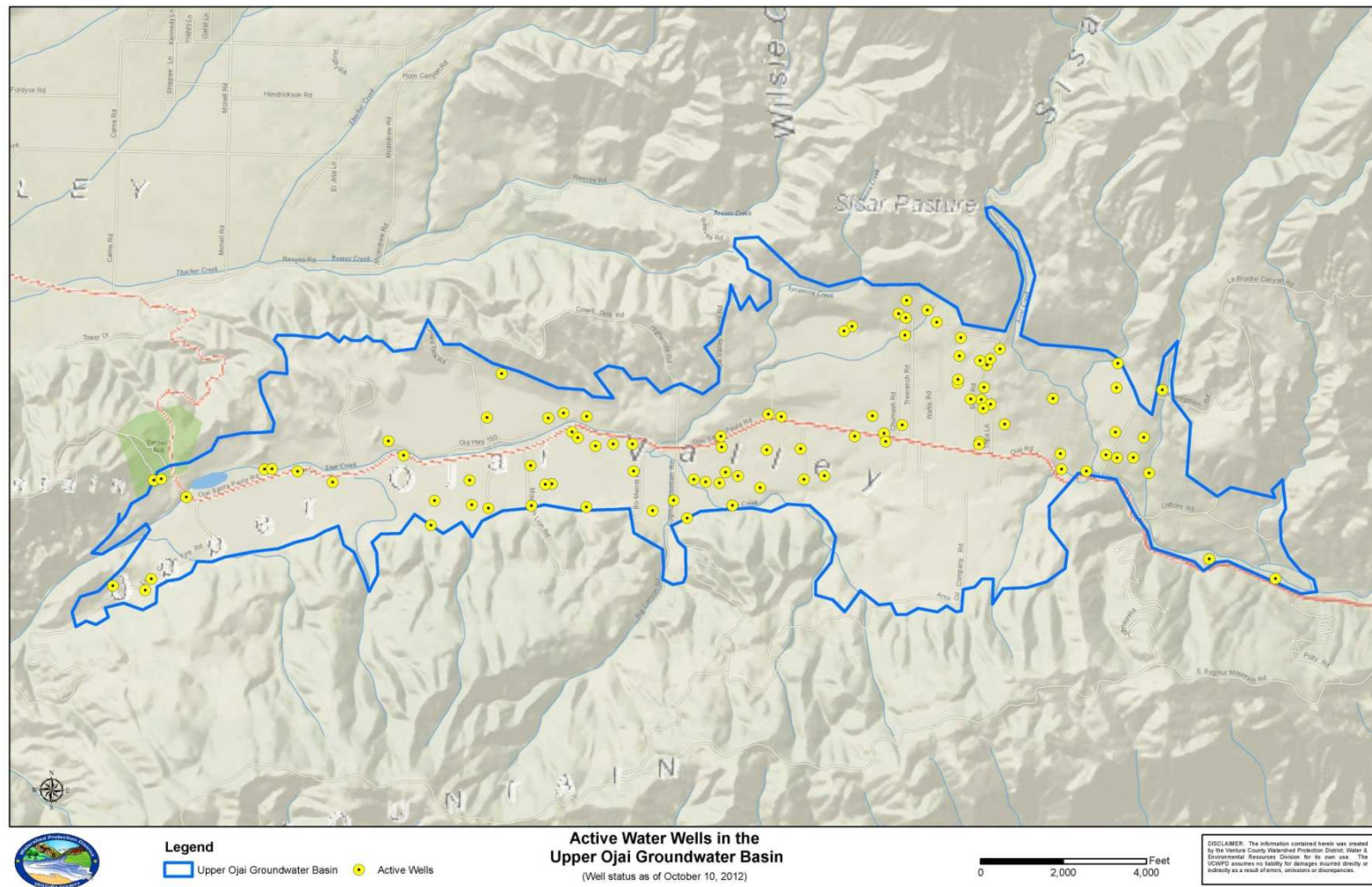
Straddles the divide
between watersheds.
Like a bowl.



Groundwater Basins

Upper Ojai Basin

Used by ag and residential.
Extractions unmonitored
& unmanaged.



Major Urban Water Suppliers (5)

Casitas Municipal Water District

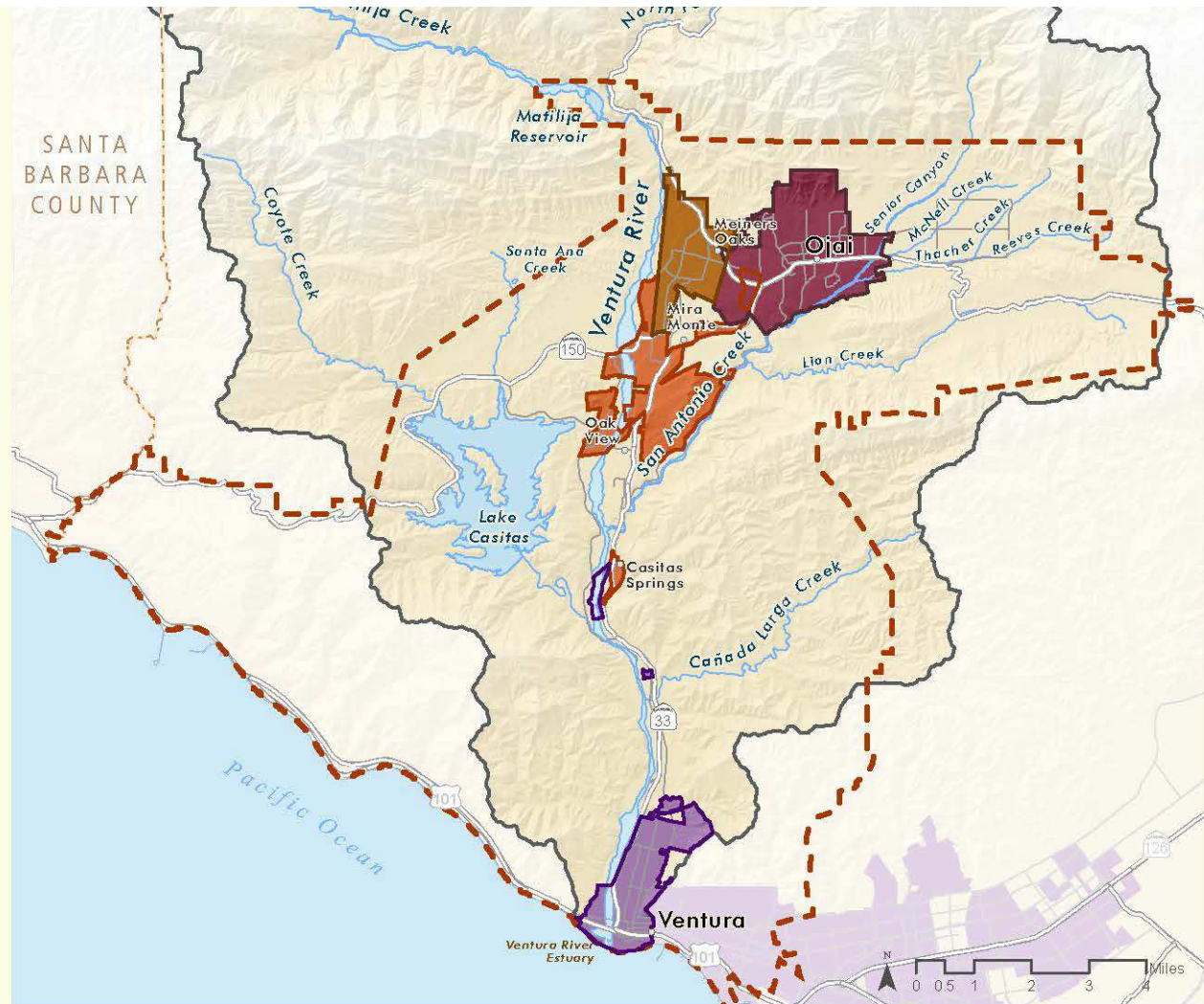
Ventura Water (City of Ventura)

Golden State Water Company

Ventura River County Water District

Meiners Oaks Water District

Main Urban Water Suppliers



Major Urban Water Suppliers

- | | |
|--|---|
|  Ventura River Watershed |  Meiners Oaks Water District |
|  Casitas Municipal Water District |  Golden State Water Company |
|  Ventura Water |  Ventura River County Water District |



Data Source:
 Urban Water Suppliers:
 Ventura County Watershed Protection District
 Casitas Municipal Water District
 Ventura County LAFCO
 Map Created by GreenInfo Network using Esri software
 April 2013 www.greeninfo.org

Mutual Water Companies (11)

Owned in common by shareholders/customers

Casitas Mutual Water Company

Gridley Road Water Group

Hermitage Mutual Water Company

North Fork Springs Mutual Water Company

Old Creek Road Mutual Water Company

Rancho Matilija Mutual Water Company

Rancho del Cielo Mutual Water Company

Senior Canyon Mutual Water Company

Siete Robles Mutual Water Company

Sisar Mutual Water Company

Tico Mutual Water Company

Other Water Companies

Private Water Companies (8)

Public Water Purveyors (county parks/facilities) (3)

Other Water Management Orgs.

Ojai Basin Groundwater Management Agency (OBGMA)

Monitors the quality and quantity of groundwater to protect and maintain the long-term water supply for all the water users in the Basin. Formed by legislation in 1991.

Ojai Water Conservation District

Monitors the recharge of groundwater in the Ojai Valley area. Authorized to monitor the use of groundwater, acquire water rights, store/spread water, and construct dams or other water facilities. Within OBGMA's service area.

