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- evaporate
- evaporation
- permeable
- runoff
- condensation
- fuel
- pollution
- saturation zone
- drink
- groundwater
- precipitation
- spring
- drought
- irrigate
- recharge
- well

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**Contact Us**

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Email: FCGMA@ventura.org

Websites: www.fcgma.org or www.fcgmaonline.org

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- Alma Quezada, FCGMA Groundwater Specialist
- Kathleen Riedel, FCGMA Groundwater Specialist
- Erin Rodgers, FCGMA Clerk of the Board

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- Lynn Maulhardt, Chair
- Charlotte Craven, Vice Chair
- Steve Bennett
- David Berard
- Eugene F. West

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- Alma Quezada, Groundwater Specialist
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- Erin Rodgers, Clerk of the Board

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**Attention ALL Agricultural Well Operators and Owners!**

Per Emergency Ordinance E (adopted by the Board on April 11, 2014), all agricultural (AG) well operators/owners are required to submit an Irrigation Allowance Index (IAI) Application for Crop Year 2015/2016 in order to establish a water allocation. The application is due with the 2016-1 Semi-Annual Extraction Statement.

All water used to irrigate crops must be reported. This includes any and all water received from a water purveyor (e.g., PVCWD, UWCD, WWD, ZONE) or a neighbor. An aerial map(s) that shows the location of your well(s) and irrigated acres by crop must be submitted with the application. The irrigated acreage value is a critical component to the IAI calculation.

Crop Year 2015/2016 Year Type is tentatively DRY. The final year type will be listed on your IAI Application. To be considered a dry year, the precipitation total must remain below eleven (11) inches through July 31, 2016.

If you have not submitted an IAI Application before, resources, examples, and a step-by-step guide, are available online at: [http://www.fcgma.org/info-for-irrigation-allocation-index-training-videos/general-information](http://www.fcgma.org/info-for-irrigation-allocation-index-training-videos/general-information).

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**Groundwater Sustainability Plan (GSP) Update**


The Technical Advisory Group has reviewed preliminary draft sections of the plan related to the general background information, geography, climate, hydrology, geology, hydrogeology, and water budget. If you wish to follow along, meeting agenda packets and handouts are posted at: [http://www.fcgma.org/public-documents/committee-meetings/tag-committee](http://www.fcgma.org/public-documents/committee-meetings/tag-committee).

**Two Basin Boundary Modifications Proposed**

As part of the Groundwater Sustainability Plan (GSP) process, a request for two modifications to California Department of Water Resources (DWR) Bulletin 118 groundwater basin boundaries (Las Posas Valley Basin and Oxnard Subbasin, and Las Posas and Pleasant Valley basins) were submitted to DWR in March 2016. Submitted information can be viewed at: [http://sgma.water.ca.gov/basinmod/basinrequest/preview/43](http://sgma.water.ca.gov/basinmod/basinrequest/preview/43). DWR will be holding public meetings in July, and presenting draft approvals in September 2016 to the California Water Commission. Final boundary modifications are scheduled to be posted on DWR website in December 2016.
Extraction Data

Note: Data in acre-feet (AF) as of June 10, 2016

<table>
<thead>
<tr>
<th>LAST YEAR</th>
<th>Calibration Year 2013 M&amp;I Extraction Target (17.5% Reduction)</th>
<th>Calendar Year 2015 M&amp;I Extractions</th>
<th>Target Met?</th>
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</thead>
<tbody>
<tr>
<td>35,683</td>
<td>32,479</td>
<td>Yes</td>
<td></td>
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<tr>
<td>Crop Year 2015/2016 AG Extraction Target (20% Reduction)</td>
<td>2015-2 AG Extractions</td>
<td>2016-1 AG Extractions to Meet Target</td>
<td></td>
</tr>
<tr>
<td>66,825</td>
<td>54,927</td>
<td>11,857</td>
<td></td>
</tr>
</tbody>
</table>

This Year

| Calendar Year 2016 M&I Extraction Target (20% Reduction) | Crop Year 2015/2016 AG Target (20% Reduction) | 66,825 |

Flowmeters

View your account and flowmeter data online at www.fcgmaonline.org. At minimum, flowmeter calibration tests are required every three (3) years. If you install, repair, or replace a flowmeter, the following items are to be submitted to the Agency within thirty (30) days of the new installation:

- Completed Flowmeter Update Form (available online or upon request) which includes the following:
  - Flowmeter Calibration Test Report
  - Photographs of the flowmeter's:
    - Face
    - Serial Number, and
    - Installation

For more information regarding the Flowmeter Calibration Program, please contact Mandi Freitas at (805) 645-1372 or mandi.freitas@ventura.org.

Advanced Metering Infrastructure (AMI)

The Fox Canyon Groundwater Management Agency (FCGMA) is proposing to implement automatic meters capable of transmitting groundwater extraction data in order to bring our critically overdrafted groundwater basins into sustainability. In February of 2016, the FCGMA retrofitted nine wells with AMI technology to test the system's ability to transmit groundwater extraction data over long-range, low frequency radio waves. The wells have been automatically transmitting groundwater extraction data to a server hosted by Trimble Navigation. Meters in the Proof of Concept (POC) program were chosen based on meter compatibility with AMI technology and geographic location to cover a broad area of the Agency with the aid of two antenna towers. The meters in the POC program are spatially distributed throughout the FCGMA (left figure).

AMI technology can be expanded with multiple sensors to measure water levels, water quality parameters, moisture levels, soil moisture, weather and other factors that a well owner or grower may want to implement. AMI metering would provide growers with the opportunity to adopt smart irrigation/precision farming technologies if desired.

The ability to detect reverse flows and leaks and provide more accurate readings are some of the benefits of converting the current meter reading system to AMI technology.

AMI metering would eliminate the need for users to manually provide extraction data and would improve the reliability of reporting groundwater extractions.

An AMI Workshop was held on May 24, 2016 at the Government Center located in Ventura, California. The workshop was to inform all stakeholders of the proposed implementation of automatic meters for all groundwater extraction wells within the FCGMA, and to discuss a draft ordinance that would require all groundwater extraction facilities to be equipped with AMI technology. Many of the stakeholders at the workshop provided valuable feedback, which will guide the revisions of the draft ordinance.

A video of the workshop is available here: https://www.youtube.com/watch?v=d0Cc2EqphHo&feature=youtu.be
A summary of the comments, questions and concerns has been compiled and available for your review and can be accessed here: http://www.fcgma.org/images/Compilation_of_AMI_Comments.pdf

The proposed ordinance with revisions is also available on the FCGMA website and can be accessed here: http://fcgma.org/images/AMI_Draft_Ordinance_6.17.16.pdf

The item was also brought before the FCGMA Board of Directors on May 25, 2016 and June 22, 2016 but has been continued until the September 9, 2016 Special Board meeting to allow for incorporation of the feedback received.

Interested persons wishing to express their views to the FCGMA on the proposed ordinance may do so by emailing Alma Quezada at alma.quezada@ventura.org.

Crop Year 2015/2016 Preliminary Rainfall Data in Inches (5 Station Average)

Note: Preliminary data in inches as of 6/10/2016. June and July data is to be determined.