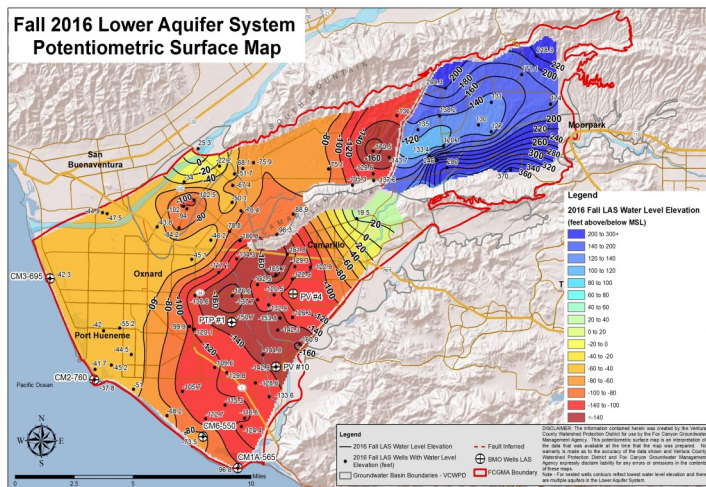
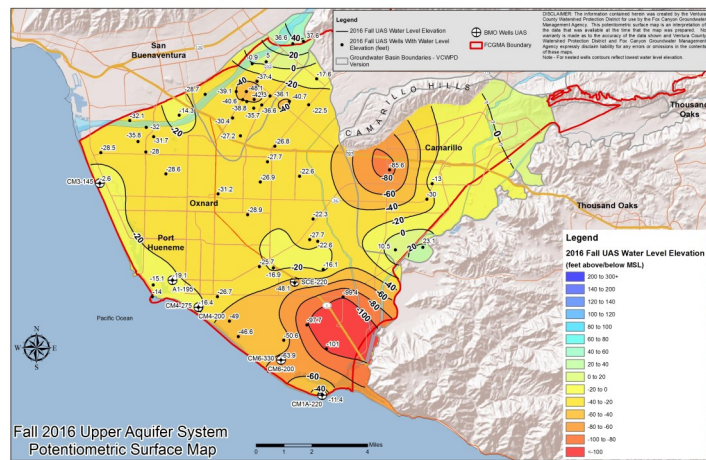


Water Levels Report

Agency Annual Basin Management Objectives Report Card and Fall 2016 Groundwater levels based on a comparison of fall potentiometric surface maps (water levels) for both the Upper and Lower Aquifer Systems were reported FCGMA Board at the April 26, 2017 Board Meeting (Item 8). The maps can be viewed and downloaded at: [www.fcgma.org/charts-maps/water-levels](http://www.fcgma.org/charts-maps/water-levels).



# Contact Us

800 South Victoria Avenue, Ventura, CA 93009-1610  
(805) 654-2014 FAX: (805) 654-3350  
Email: [FCGMA@ventura.org](mailto:FCGMA@ventura.org)  
Websites: [www.fcgma.org](http://www.fcgma.org) or [www.fcgmaonline.org](http://www.fcgmaonline.org)

## FCGMA Board Members:

- Eugene F. West, Chair
- David Borchard, Vice Chair
- Steve Bennett
- Charlotte Craven
- Robert Eranio

## FCGMA Staff:

- Jeff Pratt, Executive Officer
- Alberto Boada & Andrew Gschwind, Agency Counsel
- Glenn Shephard, Assistant Executive Officer
- Arne Anselm, Deputy Director
- Kimball Loeb, Groundwater Manager
- Kathleen Riedel, Groundwater Specialist
- Keely Royas, Clerk of the Board
- Kathy Jones, Business Process Coordinator
- Carolina Martinez, Office Assistant

Executive Committee Meetings

On June 15, 2017 and July 12, 2017 the Fox Canyon Groundwater Management Agency (FCGMA) held Executive Committee meetings to discuss the need for a new pumping allocation system in the Oxnard and Pleasant Valley Basins. The new allocation system will replace the current Emergency Ordinance E and will be part of the Groundwater Sustainability Plan (GSP) as required by the Sustainable Groundwater Management Act (SGMA). The allocation system will affect the amount of water that well owners, including farmers, cities, water districts and companies are allowed to pump without incurring surcharges. The Executive Committee welcomed stakeholders and the public to share their comments and suggestions regarding development of the new allocation system. For more information regarding these meetings or other committee meetings please go to <http://www.fcgma.org/public-documents/committee-meetings>.



# Semi-Annual Newsletter

## July 2017

Volume 8 Issue 1

## UPCOMING 2017 BOARD MEETINGS

September 27  
October 25  
December 8

## SPECIAL BOARD MEETING

August 11

Board of Supervisors  
Hearing Room  
1:30 p.m.

Groundwater Sustainability Plan Development

Groundwater Sustainability Plan (GSP) development continues for the Las Posas, Oxnard, and Pleasant Valley groundwater basins. Development of GSPs is required by the Sustainable Groundwater Management Act (SGMA) to bring the basins into sustainable management within 20 years. The schedule is for the draft GSPs to be considered for adoption by the Board in November of this year. Development of the GSP for the Arroyo Santa Rosa basin has been put on hold so it can be coordinated with the recently formed Arroyo Santa Rosa Basin Groundwater Sustainability Agency.

Under SGMA, sustainable groundwater management means that which does not cause significant and unreasonable “undesirable results.” SGMA lists six undesirable results: lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence, and depletions of interconnected surface water. For more on SGMA, see [www.water.ca.gov/groundwater/sgm](http://www.water.ca.gov/groundwater/sgm).

Water budgets are being developed for the basins to establish a sustainable yield range. This will help guide pumping allocations. Development of water-supply projects is important to minimize the amount of pumping reduction needed. Once the GSPs are adopted, the Agency can help fund water-supply projects if a replenishment fee is established. The Agency will hold several public workshops to discuss sustainability and GSP development and receive public comments.

GSP Continued on Page 2

## New Board Appointment

The Fox Canyon Groundwater Management Agency said goodbye to long time Board of Directors Chair Lynn Maulhardt, 2017 recipient of the John K. Flynn Water Stewardship Award for his 30 years of service and a lifetime of dedication to the FCGMA. Director Eugene West was appointed as succeeding Board Chair and Director David Borchard as Vice Chair. Robert Eranio was appointed by United Water Conservation District to represent UWCD on the FCGMA Board.

## IAI Reporting for 2016/2017 - WET Year Type

Emergency Ordinance E requires **all** agricultural (AG) well operators/ owners to submit an **Irrigation Allowance Index (IAI) Application** for Crop Year 2016/2017 in order to establish a water allocation, with the 2017-1 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.**

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-allowance-index-training-videos/general-information>.



## Continued GSP from Page 1

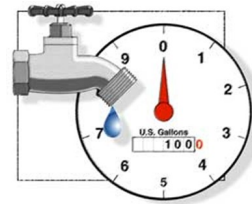
The Agency welcomes stakeholder engagement in GSP development. The GSPs are being developed by the Agency's consultant review by the Technical Advisory Group (TAG). Draft GSP sections are posted to the Agency's website as they are received for concurrent review and comment by stakeholders and TAG. Visit [www.fcgma.org](http://www.fcgma.org) and click on the "Groundwater Sustainability Plan" link. GSP related comments should be emailed to [fcgma-gsp@ventura.org](mailto:fcgma-gsp@ventura.org) or to sign up for the monthly email GSP Newsletter.

## Flowmeters

View your account and flowmeter data online at [www.fcgmaonline.org](http://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 please contact Kathy Jones at (805) 645-1372 or [kathy.jones@ventura.org](mailto:kathy.jones@ventura.org)

## Advanced Metering Infrastructure (AMI) & Water Market

The Fox Canyon Groundwater Management Agency (FCGMA) is evaluating the possibility of implementing AMI telemetry Agency-wide. AMI system components consist of a flowmeter

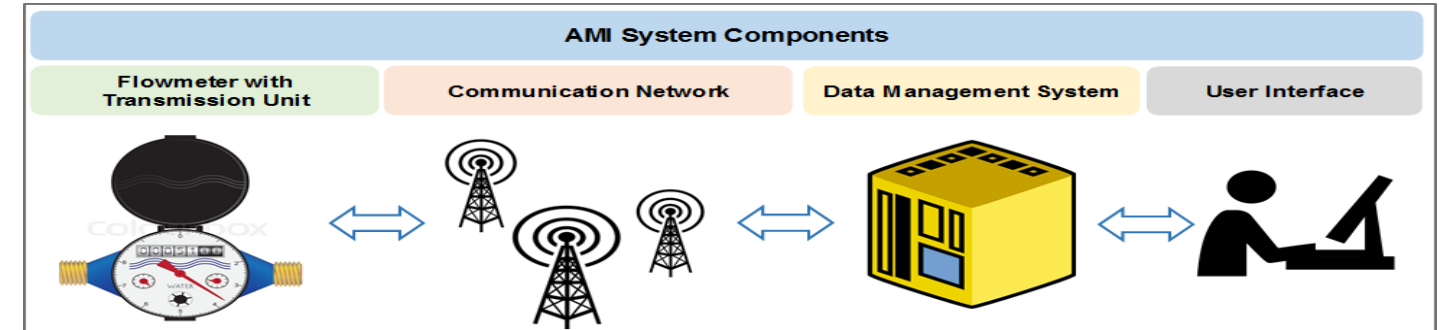


Figure 1: Typical AMI System.

Flowmeters are read manually by well owners/operators and groundwater extractions are reported to the FCGMA biannually. AMI technology would eliminate the need for users to manually provide extraction data. AMI technology could also provide growers with the opportunity to adopt smart irrigation/precision farming technologies by expanding the system with sensors to measure water levels, water quality, and soil moisture.

In December 2016, staff collaborated with The Nature Conservancy (TNC) and California Lutheran University on a Conservation Innovation Grant from the US Department of Agriculture (USDA) to implement an AMI-based Water Market. The USDA awarded the grant to TNC in June 2017.

Staff acknowledges policy issues associated with AMI implementation exist and these issues are under review. Some policy issues may be resolved during the current testing of the Water Market/AMI Pilot Program within the Oxnard Plain Basin. The Pilot Program will operate for the remainder of the current agricultural crop year ending July 31, 2017. The Pilot Program's principal goals are:

- To evaluate the development of an automatic extraction reporting system that stakeholders and the FCGMA can trust
- Facilitate a local water market
- Identify any regulatory and technical issues

Pilot program participants are required to install AMI telemetry to automatically measure and report water use and submit Semi-Annual Extraction Statements. The California Lutheran University Center for Economic Research and Forecasting (CERF) is the exchange administrator for the pilot program and is responsible for all water trades. For more information on the Pilot Program please see our website at [www.fcgma.org](http://www.fcgma.org).

## New Pumping Allocation System Development

The Agency has limited extractions through reporting and pumping allocations since 1990 to address seawater intrusion. This system was based on the 1985 – 1989 annual average pumping. The allocation was reduced by 25% in five steps by 2010. Presently, pumping allocation continues under Emergency Ordinance E, which was adopted in 2014 due to the drought and low groundwater levels.

Stakeholder groups have been working on developing new pumping allocation systems in the Las Posas Valley Basin and in the Oxnard and Pleasant Valley Basins. These new allocation systems will be an important part of the Groundwater Sustainability Plans to achieve sustainable groundwater management.

At the June 28, 2017 FCGMA Board meeting, the Board of Directors affirmed continuance of pumping allocations under Ordinance E for the 2017/18 reporting periods until the new allocation systems are fully developed and can be phased in. The Board indicated it wanted the new systems to be ready for its approval by the end of the year.

## Crop Year 2016/2017 Preliminary Rainfall Data in Inches (5 Station Average)



**Note:** Preliminary data in inches as of 6/14/2017. June and July data is to be determined.