

**GLENN COUNTY
TECHNICAL ADVISORY COMMITTEE
For the Water Advisory Committee**

Glenn County Department of Agriculture
720 North Colusa St., Willows, CA 95988

Phone: (530) 934-6501 Fax: (530) 934-6503

Email: wateradv@countyofglenn.net Web Page: <http://www.glenncountywater.org/>

Minutes

Meeting Date: November 9, 2009

Time: 1:30 pm

Place: Glenn County Department of Agriculture
720 N. Colusa Street
Willows, CA 95988

TAC Members Present:

Kevin Backus	GC Dept of Health Services
Mark Black	GC Ag Dept
Andrew Farrar	East Area
Allan Fulton	UCCE
Lester Messina	GC Ag. Dept
Randy Murphy	GC Public Works
Kelly Staton	DWR
Rachelle Valverde	for Ben Pennock Central Area
George Wilson	North Area

WAC Members Present:

Donnan Arbuckle	RCD
Larry Domenighini	Glenn Co. Farm Bureau
James Weber	E. Corning Basin PP

Others:

Tina Brothers	WAC/TAC Secretary
Gaylee Curcio	Glenn Co. Ag Dept.
Lisa Hunter	Glenn Co. Ag Dept.
Eugene Massa	CBDD
Dan Ramos	Citizen
Steve Soeth	GC Supervisor Dist 3

- I. **INTRODUCTIONS:** Those in attendance introduced themselves.
- II. **APPROVAL OF MINUTES:** The minutes from the April 28, 2009 meeting were approved as mailed.
- III. **DISCUSSION AND/OR ACTION ITEMS:**

1. Fall BMO Measurements

Lester discussed the wells in sub areas 9 & 10 that utilize fall measurements for BMO compliance. As previously discussed by WAC and TAC members it may be better to change the compliance time to spring along with the vast majority of sub-areas that use the average and standard method. Hydrographs were prepared that show this method was viable considering the changes in land and water use in the up gradient direction. Sub-area 8 BMO wells were also discussed for changes to an average and standard deviation method as opposed to 20% of range. It was further noted that additional language needed to be developed that discusses what specific actions would be taken when groundwater levels reached stages of compliance and that the word compliance needed to be reevaluated as it relates to BMO documents.

It was decided the TAC would meet again and discuss the issue in greater detail prior to making recommendations to the WAC for changes.

2. Well Location Mapping

An Arc View (GIS) map of the newly installed wells based upon information from Environmental Health permits issued and final inspections from the years 2004-2009. From the maps it was visible to see the 281 new irrigation wells and their location throughout the County. It was noted that there has been a sharp increase of wells installed west of I-5 in the center of the County. The map can be a very useful tool for land use and agricultural planning and for providing more current well log information that can be used to correlate problems in the event of overdraft. For example, if a domestic well goes dry, these maps can give an idea why. The ability to sort information by parcel, section, township, and range, is also a benefit of this mapping program. While at its preliminary stage, the mapping program is the first of its kind in the surrounding region.

3. Contour and Change Map

DWR Northern District staff discussed four contour maps displaying groundwater behavior through the Sacramento Valley from last year to this year. Groundwater levels decreased on average, about 2 feet when compared to last fall's groundwater level measurements, and decreased over 3 feet when comparing this summer's groundwater level measurements to last summer's measurements. Groundwater levels in irrigation wells decreased this fall on average, about 1 and ½ feet when compared to last fall, and decreased about 3 feet when comparing last summer's measurements to this summer's measurements.

4. 2009 Water Quality

To date, information is still being collected for baseline groundwater quality data. If there are any significant changes, Lester will inform the committee. Again this summer approximately 30 wells throughout the County were monitored for temperature, pH, and EC. EC readings have gone up on all wells in the monitoring grid. One well in particular in Sub-area 9, has increased from 878 in 2003 to 1055 in 2009, to date this is the highest EC registered in the county. It was recommended that additional water quality monitoring in the area will be initiated during the 2010 irrigation season. It was also discussed as funding becomes available to start comparing data from the dedicated monitoring wells to the existing grid for establishing countywide water quality BMOs.

5. Stony Creek Fan Project

Rachelle Valverde from GCID gave a brief overview of what the project has completed to date. One well in the Orland-Artois area and two GCID wells have been completed all the way to Phase II aquifer performance testing. GCID has also drilled two additional test holes. One of the test holes that was drilled and logged did not show favorable results so there is still debate on whether to convert it to a monitoring well. Similarly, a possible fourth well is also still being evaluated since it gave no promising results. Phase II aquifer testing is scheduled to run before the next irrigation season. Phase III aquifer testing is scheduled to run after the 2010 irrigation season.

6. Capay Recharge Project

In conjunction with GCID, the Ag Department has applied for funds for active or in-lieu recharge projects in the Capay area of the County. This project also seeks to identify willing landowners that would be interested in a block of water made available by GCID on a nine out of ten year basis. The proposal is awaiting State Board approval.

7. Dedicated Monitoring Well Installation

A new dedicated well is being installed in Hamilton City which should be completed in a week and will be a great addition to the county monitoring grid. Once completed, a back-to-back well will be installed at the

corner of Rd. 25 and Rd. D to replace an existing well that broke. This will be a multi-completion venture where a well will be drilled to 1500 feet and e-logged to determine what zones are worth screening.

MEMBER REPORTS:

Lester talked about upcoming water legislation: SB 6, a new statewide legislation that will be implemented by January 1st 2012 for groundwater monitoring and reporting. The northern Sacramento Valley is very well covered and will have few problems adjusting to the requirements, but additional costs may be incurred by the County and districts.

PUBLIC COMMENTS: None.

NEXT MEETINGS:

The next WAC meeting is scheduled for December 8, 2009 at the GCID Board room. (Postponed)

The next TAC meeting will be at 1:30, December 16, 2009 at the Ag Commissioners office, 720 N. Colusa Street, Willows, CA 95988.

The meeting was adjourned at 3:05 pm.

Respectfully submitted by,

Gaylee Curcio
WAC/TAC Minute Taker