REGULAR MEETING NOTICE OF THE COLUSA COUNTY GROUNDWATER COMMISSION

Location: Colusa Industrial Properties Conference Room
100 Sunrise Blvd., Colusa, CA 95932
Date: December 8, 2016
Time: 10:00 a.m. - Noon

Meeting Agenda

1. CALL TO ORDER (*action item)
   a. Pledge of Allegiance
   b. Introductions
   c. Roll Call
   d. *Acceptance of Agenda
   e. *Approval of Minutes from September 8, 2016
   f. Period of Public Comment

   Any person wishing to address the Commission on any item not on today’s Agenda may do so at this time. The Commission will not be making a decision or determination on items brought up during Public Comment.

2. GENERAL BUSINESS
   a. Staff Report

3. DISCUSSION/ACTION ITEMS (*action item)
   a. DWR Update and Discussion; Roy Hull, Department of Water Resources, Northern Region Office
   b. SGMA Update
      i. GSA Workgroup
      ii. PPAC
      iii. DWR Best Management Practices
   c. * Set 2017 Meeting Schedule; Suggested quarterly meeting dates (2nd Thursday) at 10:00 a.m., with special meetings as needed: March 9; June 8; September 14; December 14
   d. Commissioner Comments and Updates
   e. Items for next agenda

4. ADJOURNMENT
   Next Regular meeting date: To be Determined

TO THOSE WHO PARTICIPATE IN COMMISSION PROCEEDINGS: California Government Code Section 84308 requires you to disclose campaign contributions to Groundwater Management Commissioners if they amount to $250 or more and were made within the last twelve months. Please announce your applicable campaign contributions when you speak. Any disabled person needing special accommodation to participate in the Commission proceeding is requested to contact the Colusa County Agriculture Department prior to meeting and arrangements will be made to accommodate you.
REGULAR MEETING NOTICE OF THE COLUSA COUNTY GROUNDWATER COMMISSION

Location: Colusa Industrial Properties Conference Room
100 Sunrise Blvd., Colusa, CA 95932

Date: June 16, 2016
Time: 10:00 a.m. - Noon

Meeting Minutes

1. CALL TO ORDER (*action item)
   a. Pledge of Allegiance
   b. Introductions
   c. Roll Call

   Commissioners LaGrande, Marsh and Williams were present; Commissioners Moresco and Rolen were absent

   d. *Acceptance of Agenda
   Motion to accept: Commissioner Williams; 2nd: Commissioner LaGrande; Action: Pass unanimously

   e. *Approval of Minutes from March 10, 2016
   Motion to accept: Commissioner LaGrande; 2nd: Commissioner Williams; Action: Pass unanimously

   f. Period of Public Comment: There was no public comment

   Any person wishing to address the Commission on any item not on today’s Agenda may do so at this time. The Commission will not be making a decision or determination on items brought up during Public Comment.

2. GENERAL BUSINESS
   a. Staff Report

   Ms. Fahey discussed the following items in her Staff Report:
   • Mr. Hinton has been hired as the new Colusa County Agricultural Commissioner. He comes from the Glenn County Ag Department.
   • Ms. Fahey has prepared an application for Proposition 1 Grant funding for a groundwater monitoring and data management Program that will be compliant with SGMA.
   • A land subsidence resurvey will take place in the Arbuckle area in June. Staff from the NSV IRWMP, along with Assemblyman Gallagher, met with DWR in Sacramento to stress the importance of a Sacramento Valley-wide subsidence resurvey in spring, 2017.

   b. 2016 Goals and Objectives Progress Report

   Ms. Fahey reviewed the progress that has been made on the 2015/2016 Groundwater Commission Goals and Objectives (G&Os) and asked that the Commissioners think about G&Os for 2016/2017. Updating the Commission G&Os will be an action item on the September agenda.
3. **DISCUSSION/ACTION ITEMS** (*action item*)
   a. Presentation: Roy Hull, Department of Water Resources, Northern Region
      i. Groundwater Conditions Update
      ii. General Discussion: Considerations for Landowner Volunteer Monitoring Wells
         1. What is DWR looking for in a volunteer monitoring well?
         2. If a landowner is installing a new well, what things can they do to make it a good monitoring well?
         3. What are the options for real-time, continuous groundwater level data loggers that landowners can install?
   
   Mr. Hull provided a presentation on groundwater conditions, and, as requested by members of the Groundwater Commission at a past meeting, Mr. Hull also discussed considerations for landowner volunteer monitoring wells. Mr. Hull’s presentation can be found on the Water Resources Website.

   b. *Water Users Group*
      i. Staff Recommendation to dissolve this group
      Discussion was held regarding the purpose of the Water Users Group and whether this group is still relevant with the passing of SGMA and the GSA Workgroup meetings that are taking place. Ms. Fahey received feedback from WUG members via email and phone and each member that contacted her agreed that it is difficult, with the new direction since SGMA, to find a purpose for the WUG. Ms. Fahey and the Commissioners all expressed their gratitude for the work done by the WUG.
      
      Motion to dissolve the WUG: Commissioner Williams; 2nd: Commissioner LaGrande; Passed unanimously. Ms. Fahey will draft a Thank you letter to the WUG members from the Commission and the County.

   c. SGMA Update
      This item was covered in other discussions.

   d. Commissioner Comments and Updates: None

   e. Items for next agenda
      - 2016/2017 Goals and Objectives
      - Subsidence update

4. **ADJOURNMENT**

   Motion to adjourn the meeting: Commissioner LaGrande; 2nd: Commissioner Williams; Passed unanimously. The meeting was adjourned at noon.

   Next Regular meeting date: September 8, 2016 @ 10:00 a.m. at CIP

TO THOSE WHO PARTICIPATE IN COMMISSION PROCEEDINGS: California Government Code Section 84308 requires you to disclose campaign contributions to Groundwater Management Commissioners if they amount to $250 or more and were made within the last twelve months. Please announce your applicable campaign contributions when you speak. Any disabled person
needing special accommodation to participate in the Commission proceeding is requested to contact the Colusa County Agriculture Department prior to meeting and arrangements will be made to accommodate you.
1. CALL TO ORDER (*action item)
   Meeting was called or order by chair Lorraine Marsh at 10:05 a.m.
   a. Pledge of Allegiance
   b. Introductions
   c. Roll Call
      Commissioners Marsh, Moresco and Williams were present. Commissioners LaGrande and Rolen were absent
   d. *Acceptance of Agenda
      Motion to accept agenda as presented: Commissioner Moresco
      2nd: Commissioner Williams
      Action: Approved unanimously
   e. *Approval of Minutes from June 16, 2016:
      Minutes not available and will be reviewed at the next meeting.
   f. Period of Public Comment: None

2. GENERAL BUSINESS
   a. Staff Report: Ms. Fahey stated that she is not providing a Staff Report today because the information will be covered under item 3.a., and under the SGMA update.

3. DISCUSSION/ACTION ITEMS
   a. Presentation on 2016 Subsidence Resurvey; Roy Hull, Department of Water Resources, Northern Region Office
      Mr. Hull provided a presentation on the following topics:
      - Basics of inelastic subsidence
      - Sacramento Valley GPS Grid
      - NASA/JPL Central Valley Remote Sensing Report
      - GPS Survey Results – Colusa County
      - Colusa County Conditions
COUNTY OF COLUSA  
DEPARTMENT OF AGRICULTURE  
GROUNDWATER COMMISSION  
100 Sunrise Boulevard Suite F  
Colusa, CA 95932

Greg Hinton  
Agricultural Commissioner  
Sealer of Weights & Measures  

Mary Fahey  
Water Resources Coordinator

- Other subsidence information & SGMA
- Pending GPS Survey – Sacramento Valley

The Presentation can be downloaded from the Colusa County Water Resources website

In his presentation, Mr. Hull described the process for resurveying the Arbuckle area in June, 2016 and explained that the data was reviewed extensively by DWR staff. Readings were taken at each location in the morning and afternoon and if the results weren't within two centimeters a third reading was taken. The survey revealed subsidence in the Arbuckle area up to 2.08 feet between 2008 and 2016. DWR will complete a Sacramento Valley-wide resurvey in spring, 2017. DWR will be contacting each county for staff support.

DWR is pursuing remote sensing technology to monitor subsidence because that can be done on a monthly basis. It is a lot less expensive. In areas like those in the Arbuckle area, the GSAs will have to come up with some monitoring methodology to determine potential management actions. DWR will support the county in their efforts.

b. * Discussion and Adoption of 2016 Goals and Objectives
Ms. Fahey presented two documents, a progress report on the 2015/2016 Goals and Objectives and the Proposed Goals and Objectives for 2016/2017. Ms. Fahey mentioned that the direction for this Commission is changing from a Groundwater Management Plan focus to a SGMA focus and the proposed Goals and Objectives relate mostly to SGMA. A review and discussion of the proposed Goals and Objectives followed. Chair Marsh commented on proposed Goal #3 which contained language about Management Areas. Management areas have not been decided on and we should not promote something that hasn't been decided yet. Commissioner Moresco asked about the Groundwater Monitoring Program (Goal 2). Ms. Fahey reported that the Proposition 1 grant-funded project, developing a monitoring and data management program, will be completed over the next year.

Motion to accept the proposed Goals and Objectives with the removal of the Management Area verbiage: Commissioner Moresco
2nd: Commissioner Williams
Action: approved unanimously

c. SGMA Update
Ms. Fahey reported that she is hearing really good things from outside of the County about the progress that Colusa County is making with their SGMA planning efforts, specifically the Governance development. Ms. Fahey discussed the following highlights on Colusa County SGMA activities:
6 Governance Workgroup meetings have been held, #7 to be scheduled in late September, or early October.

1 Governance Subcommittee meeting has been held, #2 scheduled for September 15, 2016, 1-4 @ CIP

The group is considering two potential governance options that are inclusive of all agencies, and Private Pumper representatives. The group will consider merging the two options at upcoming meetings.

- Option #1 – multi agency GSA covering the county. County is divided into Management Areas and there are advisory committees for each Management Area.
- Option #2 – Chartered agency is the GSA and includes all agencies that want to participate including Mutual Water Companies and Private Pumpers, everyone has an equal voice at the table. The GSA advises the County, the County is the enforcer – taxes, well restrictions, etc.

Future discussions will include

- What does balance mean? What is fair and equitable for everyone?
- How do we distribute authorities
- PPAC proposals

The group anticipates having a governance structure defined by end of year, then begin drafting legal agreements

We are planning at the County level now, and will begin integrating with Glenn and Butte Counties soon.

Mr. Hull mentioned that the legal agreements do not have to be completed by June 30, 2017, DWR just needs to have GSAs filed, covering the entire basin with no overlaps. Ms. Fahey mentioned that it is best to have governance solidly in place because after June 30, we will begin working on the GSP and contracting for technical work. This will require agreement among the GSA parties, voting, funding, etc. Without a formalized structure and legal agreements in place, it could get really messy. Discussion followed about documents and processes needed by June 30, 2017.

Ms. Marsh asked if it was possible to change GSA structure after June 30. Mr. Hull replied yes, but it could be difficult.

Shelly Murphy (CCWD) asked when the County will pull back on its GSA filing to eliminate the overlaps. Ms. Fahey commented that when Governance is decided by the GSA-eligible agencies, the County will refile. Currently the group is looking at a multi-agency GSA that covers the entire county, but there may be some stand-alone GSAs. For the County to refile now, it would
require updating legal paperwork, GIS mapping, conducting public outreach and holding a public hearing. Then, when the GSA Workgroup decides on a structure, the County would have to go through that process for a third time.

d. **Commissioner Comments and Updates:** None

e. **Items for next agenda:**
   i. Summer Groundwater Level report – Roy Hull
   ii. Subsidence Update – Roy Hull
   iii. SGMA Update

**Final Comments:**
Ms. Fahey will put Mr. Hull’s PowerPoint presentation on the Water Resources website, along with the letter to the County from DWR regarding the results of the Arbuckle area resurvey.

Supervisor Carter asked that landowners and others share any information they have regarding physical evidence of subsidence.

Commissioner Williams stated that he hasn’t seen as many compression fractures in wells this year, compared to last year. Ms. Fahey added that she has not had any reports of well outages this year. Last year she received several.

4. **ADJOURNMENT**

   *Motion to adjourn: Commissioner Williams*
   
   *2nd: Commissioner Moresco*
   
   *Action: Approved unanimously*

Meeting was adjourned at 11:33 a.m.

Next Regular meeting date: December 8, 2016 @ 10:00 a.m. at CIP

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STAFF REPORT

Prop 1 Counties with Stressed Basins Funding Application:
Colusa County was awarded a grant from the Department of Water Resources, Proposition 1, Counties with Stressed Basins, Sustainable Groundwater Management Program. The grant award is for $250,000 + $125,932 in-kind match, for a total of $375,932. The project includes several elements:

- Updating County Ordinances
- Characterizing existing and possible future groundwater development in Colusa County
- Analyzing and updating the current groundwater level monitoring network
- Developing a monitoring network/plan consistent with SGMA requirements, including:
  - Groundwater levels
  - Groundwater quality
  - Land subsidence
  - Groundwater in storage
  - Groundwater / surface water interaction
- Developing a Data Management Program consistent with SGMA requirements

The Monitoring and Data Management programs will be integrated into a future GSP. The project is in the early stages and will be completed by March, 2018.

Subsidence
In 2008, DWR completed a GPS land subsidence survey in the Sacramento Valley, including Colusa County. DWR planned to resurvey every few years but due to lack of funding, a Valley-wide survey has not been completed since 2008. The 2008 survey provided the baseline, and a follow-up survey is needed to determine change in ground surface elevations. In 2015, the Colusa County Groundwater Commission and Water Resources Coordinator received reports of physical signs of land subsidence in the Arbuckle area. Also, in 2015, a NASA report based on satellite surveillance revealed signs of land subsidence in the Arbuckle area. Based on these reports, DWR agreed to do a limited resurvey in the Arbuckle area. The results revealed up to 2’ of subsidence had occurred in the area since 2008. DWR will resurvey the entire Sacramento Valley in spring, 2017. DWR is providing training, equipment and technical expertise while local agencies will provide field staff.

Phase I and Phase II Bay-Delta Plan Updates
Proposed new in-stream and Delta flow requirement currently under consideration by the State Water Resources Control Board could have a significant impact on surface water supplies. This will ultimately affect groundwater supplies which will hinder our SGMA implementation efforts. We should all be engaged in this issue as it develops. More information can be found at the link below:
http://waterboards.ca.gov/waterrights/water_issues/programs/bay_delta

SGMA Information Links
- DWR Groundwater Website: www.water.ca.gov/groundwater
- Water Resources Website: www.countyofcolusa.org, Water Resources Department