



# UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

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## Technical Advisory Committee (TAC) Meeting

9:30 A.M. – Tuesday, October 15, 2019

Mendocino County Administration Center,

501 Low Gap Road, Room 1010, Conference Room A, Ukiah CA 95482

### Supporting Documents:

- Agenda
- Presentation
- Hydrogeologic Conceptual Model Draft
- Preliminary Proposition 68 Task Description
- Draft Chapter Review Form
- Status of TSS Implementation

### Meeting Summary

#### 1. CALL TO ORDER – ROLL CALL

Present: Glenn McGourty, Sean White, Beth Salomone, Deborah Edelman, Laurel Marcus and Don Seymour

Absent: Sonny Elliot, Jr., Ken Todd and Levi Paulin

#### 2. Discussion and Possible Direction Regarding the Hydrogeological Conceptual Model (HCM) Under Development for the Groundwater Sustainability Plan Chapter

Presenter/s: Chris Petersen, GEI Consultants, Laura Foglia, Larry Walker and Associates and Amir Mani, Larry Walker and Associates

Introduction: This Hydrogeologic Conceptual Model (HCM) has been developed by GEI Consultants (GEI) for the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGS) for inclusion in the Groundwater Sustainability Plan (GSP) under the requirements of the Sustainable Groundwater Management Act (SGMA). The purpose of this HCM is to meet the regulatory requirements mandated by SGMA along with establishing a framework hydrogeologic model with which to guide development of the GSP and management of the basin, including future modeling efforts and monitoring programs. GEI provided the draft HCM and a PowerPoint reviewing the HCM structure, SGMA requirements, signification sections and changes.

Discussion:

- Request for GEI to provide a map with lateral extend for Aquifer 1
- Is the spring properly accounted for in the surface water characterization? Particularly along the western hills of the Ukiah Valley where tributaries flow all year. Suggestion from TAC to possibly add a field investigation component to the Proposition 68 application to help further refine the surface water characterization.
- Sonoma Water has data it could possible share for water quality along the mainstream of the Russian River from Sonoma Water's monitoring program following the 2017 fires.
- Suggestion from the TAC to also review the water quality reports for the Ukiah Valley water districts for additional water quality data.

Committee Action: Feedback to staff regarding surface water characterization and water quality data.

### **3. Update and Discussion Regarding the Data Management System**

Presenter/s: Chris Petersen, GEI Consultants

Introduction: GEI Consultants provided an over of the Data Management System (DMS) features including viewing data, important templates, importing data and overview of data currently imported. The DMS is ready to go and updated with the latest data.

Discussion: TAC members requested information on how many people would be needed to manage the DMS. GEI suggested 1-2 people with Microsoft Access experience would be sufficient to maintain the DMS.

Committee Action: None.

### **4. Update and Discussion Regarding the Preliminary Water Budget**

Presenter/s: Laura Foglia, Larry Walker and Associates and Amir Mani, Larry Walker and Associates

Introduction: LWA presented to the TAC on the preliminary water budget including the root zone water budget, hydrological model, groundwater model and integration.

Discussion:

- Feedback to work with County to include cannabis in the Agricultural projected water use. County can provide location, size and type of cannabis cultivation.
- Feedback from the TAC that additional details are need on the use of heat protection (temperature data, use methodology and record of when and where it happens).

- Sonoma Water willing to share information on what is being used for their frost modeling.
- Suggestion to include the dew point in frost modeling.
- TAC request an update on the model at next meeting.

Committee Action: Recommendations to staff regarding water budget development.

#### **5. Discussion Regarding Groundwater Sustainability Plan Commenting Process**

Presenter/s: Sarah Dukett, Mendocino County Water Agency, Laura Foglia, Larry Walker and Associates and Amir Mani, Larry Walker and Associates

Discussion: Due to the packed agenda and limited time for the meeting staff requests to continue the item to the next TAC meeting in January 2020.

Committee Action: Consensus of the Committee to continue item to the January 2020 meeting.

#### **6. Discussion Regarding Proposition 68 Solicitation for Groundwater Sustainability Plan Development And Projects**

Presenter/s: Sarah Dukett, Mendocino County Water Agency, Laura Foglia, Larry Walker and Associates and Amir Mani, Larry Walker and Associates

Introduction: Proposition 68 grant application scope and cost estimate overview was provided to the TAC. The grant application is under development and the estimates are subject to change based on feedback from the Board, TAC and further budget refinement. The Mendocino County Water Agency and LWA recommends applying for additional funding for grant management, stakeholder engagement/outreach, Groundwater Sustainability Plan (GSP) development, enhanced GSP commenting process and monitoring/assessment.

Discussion:

- Recommendation to include an executive summary for each section in the application.
- Recommendation to increase the proposed 4 public meetings to 5 public meetings

Committee Action: Recommendation to staff regarding grant application and proposed public meetings.

#### **7. Update on the Technical Support Services for Monitoring Wells**

Presenter/s: Sarah Dukett, Mendocino County Water Agency, Laura Foglia, Larry Walker and Associates and Amir Mani, Larry Walker and Associates

Introduction: The Mendocino County Water Agency provided a status update on the Technical Support Services (TSS) application. Due to some well locations falling through, the proposed October drilling timeline has been changed by DWR to spring 2020 to accommodate finding new well locations for central and northern Ukiah Valley. LWA provided a written overview of the status of each transect under development. The Mendocino County Water Agency and LWA request suggestions from TAC members for central Ukiah Valley alternative sites. The Mendocino County Water Agency will be working with the Ukiah School Board regarding securing well locations at both Redwood Valley schools.

Discussion:

- Recommendation for a 6 month lead time to work with the Mendocino County Resource Conservation District and the Mendocino County Water Agency to incorporate new well sites into the CASGEM network.
- Question from TAC regarding data privacy for private well owners. Only owners and technical staff have access to the continuous data collected, protection measures will be in place so specific locations are not identifiable and data will only be published monthly or quarterly.

Committee Action: Recommendation to staff regarding TSS network inclusion in the CASGEM program.

## **8. Action Items and Closing Comments**

Presenter/s: Sarah Dukett, Mendocino County Water Agency

Committee Action: None.

## **9. Public Comments on Items Not on the Agenda**

This time is reserved for the public to address the Committee about matter not on the agenda and within the jurisdiction of the Advisory Committee. Persons wishing to speak on specific agenda items should do so at the time specified for those items.

Public Comment: None.

## **10. Adjournment**

The meeting was adjourned at 12:20 pm.