

Ukiah Valley Basin Groundwater Sustainability
Agency Board Meeting

Ukiah Valley Groundwater Sustainability Plan: Review of Phase I Deliverables

June 13, 2019



Major Comments (Hydrogeological Conceptual Model)

- ❖ Add a discussion of soils in the basin (Sonoma Water)
- ❖ Refine/Revise Geologic Cross Sections:
 - Geologic units instead of conductivity-based units
 - Separate Terrace Deposits from Quaternary Alluvium (Sonoma Water)
 - Resolve the disconnect between surficial geology of cross sections and surficial geology map

Major Comments (Hydrogeological Conceptual Model & Water Budget)

- ❖ Further explanation about the interaction between the surface water system and the groundwater system (plus maps of gaining and losing stream reaches, recharge and discharge areas; Sonoma Water)
- ❖ Revise the defined no-flow boundary condition for the model (Zac Robinson)
- ❖ Improve the simulation of tributaries within the model (Zac Robinson)

Major Comments (Sustainable Management Criteria& Monitoring Protocol)

- ❖ SMC report is inadequate as a basis for establishing Sustainable Management Criteria due to its need for completion of a thorough water budget (Sonoma Water).
- ❖ Monitoring Protocol Report can be rewritten to follow the DWR's Best Management Practices.
 - The recommended monitoring frequency of twice per year will not be sufficient for monitoring surface water-groundwater interaction.

Minor Comments (Hydrogeological Conceptual Model & Water Budget)

- ❖ Enhance the understanding of the bottom of the basin (Sonoma Water)
- ❖ Exclude Franciscan Formation from the basin (Sonoma Water)
- ❖ Describe existing Monitoring Network
- ❖ Map of streamflow gauges and statistical assessment of flow rates in the basin
- ❖ Inclusion of USGS GAMA in the report

Summary

- ❖ HCM: Can be utilized as the basis of Phase II work but with consideration of the major revisions needed.
- ❖ Water Budget: Needs major revision based on the modifications to the HCM and the new approach and the level of detail taken into account for Phase II.
- ❖ Monitoring Protocol: Will need to be updated and revised to follow Regs requirements and include changes to the network for the final plan.
- ❖ SMC: Mostly narrative report that will be re-written.