



SRWP Monitoring Committee
~ Meeting Summary ~
Tuesday, April 26, 2016
9:00 a.m. – 12:00 p.m.
DWR North Central Region Office
3500 Industrial Blvd., West Sacramento, CA 95691

Facilitator: Stephen McCord, McCord Environmental, Inc. (MEI)

Meeting Summary by: Holly Jorgensen (SRWP); Stephen McCord (MEI)

Attendees

In Person

Holly Jorgensen, SRWP
Alisha Wenzel, CVRWQCB
Sam Safi, Regional San
Stephen McCord, MEI
Selina Cole, CVRWQCB
Tony Hale, SFEI

Ruben Mora, SWRCB
Amye Osti, 34 North
Karly Wagner, 34 North
Atley Keller, MEI
Bev Anderson-Abbs, SWRCB

Via Phone

Dave Osti, 34 North
Joe Domagalski, USGS

Debbie Webster, CVCWA
Nicole Lutkemuller, 34 North

I. Welcome and Introductions

Stephen McCord reviewed the Nov. 17, 2015 meeting summary and previewed the meeting agenda.

II. Current News and Activities

- S. Safi: Regional San will follow up on effort to upload the Coordinated Monitoring Program (CMP) data into CEDEN.
- A. Wenzel: UCD has completed two sediment reports (including Battle Creek) for the CVRWQCB. The reports are finalized and posted online and the project team is working on fact sheets to synthesize the lengthy reports. Battle Creek Conservancy received funding to implement some of the recommendations identified in the reports.

The My Water Quality portal's Safe to Swim portal is being updated and should have a map of inland waterways added this year. S. McCord mentioned that there is an effort to develop a statewide map layer of designated beneficial layers. The map is in draft form and should be finished this year.

- D. Webster: CVCWA mussel study has successfully documented that a single mussel species exists in Pit River and Dry Creek. The biomarker test works by taking a water sample and measuring its DNA, and comparing those DNA to a database to determine sources. CVCWA will be refining its environmental DNA test in Cosumnes River in May, and the Delta this summer. The current phase consists of characterizing and developing methods for site-specific monitoring and detection of freshwater mussels around treated wastewater outfalls.
- B. Anderson-Abbs: An environmental DNA test is being developed for CyanoHABs. QPCR (quantitative polymerase chain reaction) and “cyano ray” tests are being piloted to detect toxin-producing genes (with some quantification). The QPCR test can identify toxins to determine if there is a need of quantifying toxin testing. There are satellites covering ~265 lakes in CA and the CCHAB portal will include map of satellite results. SWRCB is developing higher resolution satellite algorithms for more of the state’s 3000 lakes.
- T. Hale: The DEDUCE project is currently uploading historical SRWP data along with fish, toxicological, and chemical data collected through Proposition 50 funding. Next will be old BDAT data. The Data Management Workgroup for CWQMC will soon start implementing recommendations from its white paper.

III. Upcoming Events:

- May 11 – CA Estuary Workgroup Meeting
- June 14 – Identifying and Responding to Cyanobacteria Workshop
- June 1 – CWQMC meeting in Southern California
- June 29 – Water Quality Science Symposium

IV. Survey Results

H. Jorgensen reported that there were 27 stakeholder interest responses from the online survey tool. Other input came from individual interviews and during SRWP’s annual stakeholder meeting. The key interests identified by stakeholders guided the list of portal topics to be developed. The survey remains open at: www.surveymonkey.com/r/SacRiverWatershedPortal_StakeholderSurvey.

Current practices noted by stakeholders generally fell into the following categories:

- Agencies and groups monitor water quality, flows, and ecological conditions
- Data and information gaps exist
- Insufficient GIS training and software
- Older data unavailable electronically
- Lack of information and knowledge of data collection, storage and accessibility
- Stakeholders often have to make decisions based on limited information

Several conditions and constituents that are of broad interest to stakeholders included:

- Salmon and steelhead populations including their life stages and water needs
- Pathogens for drinking water and recreational activities
- Reservoir status including levels (current and historic), capacity, releases, and conditions
- Management goals and directives
- Mercury in fish tissue for bioaccumulative effects
- Fish passage including unscreened diversions, recovery efforts, and stranding
- Fire frequency and fuel loads

V. Portal Implementation and Data Updates

- A. Osti and 34 North staff presented the current phase of the portal and outlined its 10 main topics:
1. Current Monitoring and WQ Conditions (Region-based)
 2. Region View: Projects, Documents
 3. Reservoirs
 4. Forest Health
 5. Mercury and Water Quality
 6. Water Temperature and Compliance
 7. Fish Monitoring
 8. Region Focus: Battle Creek, Lower Sac
 9. Safe to Swim
 10. Nutrients

Portal pages for the focus regions (Battle Creek and Sacramento Valley) will be “information hubs” with in-depth information specific to their location. All regions, including these, will have all beneficial uses and management activities listed. The current condition dashboards are organized by major subwatersheds consistent with SRWP’s Roadmap project. Thousands of files (reports and photos) have been ingested by the portal and will be searchable.

Maps can be created and individualized, and then published or remain private for users.

The wireframes for almost all topics have been programmed, and links to most content established. New views, tools, and open data sources have been added from related portal projects, and this project’s material is being shared with other projects.

34 North, with support from others on the project team, will continue to add and organize content, and review some material with specific stakeholders. Until the website goes live, the link can be provided to Monitoring Committee users by 34 North along with a temporary login and password. 34 North will send an updated schedule for release of portal for review by the end of May.

VI. Wrap-Up

Action items identified during the meeting are listed here.

- **Holly** (May 2016): Announce upcoming events from Bev Anderson-Abbs (water quality symposium and CCHABs workshops).
- **Holly** (July 2016): Tabulate and prioritize for CEDEN upload older datasets identified by portal survey responders.
- **Holly** (July 2016): Develop a stakeholder input summary document.
- **Stephen** (August 2016): Advertise reservoirs portal to CALMS, when publicly available.
- **Amye** (July 2016): Link photos to map location.
- **Amye** (July 2016): Look at option of using web service for historic fire map.
- **Stephen** (August 2016): Get Hg data story review/input from DTMC
- **Stephen** (July 2016): Create a portal review system for compiling comments.
- **Nicole** (July 2016): direct BOG study questions to Tony Hale.
- **Amye** (July 2016): See RAFT site about river temperature display.
- **Holly** (May 2016): Coordinate with Battle Creek and Sac Valley stakeholder to review and get input for Info Hub.
- **Amye** (June 2016): Show Safe to Swim portal to Alisha for review.

The next SRWP meeting will likely be held in August 2016. The portal link and password will be distributed prior to the meeting for review.