

Meeting Notes

Lake Elsinore and Canyon Lake TMDL Task Force Technical Advisory Committee

March 11, 2014 at 9:00 a.m.
Lake Elsinore and San Jacinto Watersheds Authority
11615 Sterling Avenue
Riverside, CA 92503
Prepared by Rick Whetsel

Lake Elsinore and Canyon Lake TMDL Committee Members Present	Nancy Horton, City of Canyon Lake Jason Uhley, Riverside County Flood Control & Water Conservation District Pat Boldt, San Jacinto River Watershed Council Mark Norton, SAWPA
Others Present	Steve Wolosoff, CDM Smith; Tim Moore, Risk Sciences; Andy Komor, PACE; Lynn Merrill, City of San Jacinto; Mike Roberts, City of Riverside; Jean Voshall, City of Canyon Lake; Dennis Bickers, City of Canyon Lake; Mike Feeney, City of Canyon Lake; Terry McNabb, Aquatechnex; Nancy Gardiner, HTA; James Noblet, CSUSB; Mark Smythe, RWQCB; Rick Whetsel, SAWPA

1. CALL TO ORDER

Mr. Jason Uhley called the meeting to order at 9:00 a.m.

2. UPDATE: CANYON LAKE HYBRID TREATMENT PROJECT

Mr. Uhley provided an update on the February alum application, noting the issue with the floating alum floc and the negative perception from the City residents. He then noted that the floc has since cleared up and that water quality has been noticeably improved.

Following Mr. Uhley's brief update, discussion ensued regarding the possible cause of the floating alum floc, suggestions for improving the process and possible alternative application strategies.

The popular thought among the stakeholders is that the floating alum floc was the result of favorable weather, including warm temperatures and calm (no wind) conditions in combination with high dissolved oxygen and algal growth resulting in blooms (10:00am to 3:00pm).

Recommended improvements to the process:

- Conducting jar tests in the days preceding the application, and
- Collecting data during the application to develop a pH/depth profile, and
- Future sediment core samples to assess impacts to phosphorus levels in sediments

Alternatives applications strategies:

- Looking at the timing of the application, and
- Sub-surface addition of the alum, however it was noted that this type of application could only occur in the deeper lake waters (for summer application), and
- Night applications

As follow-up to this discussion:

- Mr. Steven Wolosoff and Mr. Terry McNabb will work together to work out the specifications and costs to conduct a sub-surface alum injection scenario, and
- Mr. Wolosoff, Ms. Sarah Garber, Dr. James Noblet and Dr. Michael Anderson will coordinate on additional water quality monitoring to support the effort, and
- Dr. James Noblet will collect additional samples (in conjunction with monitoring for EVMWD) to develop a depth profile for phosphorus at monitoring site No. 7.

3. ACTION ITEM: RFP PHASE 2 COMPLIANCE MONITORING PROGRAM

The TAC discussed the two proposals submitted for the Phase 2 Compliance Monitoring Program. These included:

- PACE Engineering/Andy Komor, and
- Haley & Aldrich/Nancy Gardiner

The TAC briefly discussed each proposal and then conducted a brief interview of each consultant to gain a better understanding of their project approach and understanding the needs of the TAC. Following the interviews and further discussion the TAC was unanimous in their recommendation of Nancy Gardiner/Haley & Aldrich to the LESJWA Board.

4. OTHER BUSINESS

Ms. Pat Boldt provided an update on the AgNMP, noting that the plan is currently under review by regional board Staff.

Ms. Boldt also noted that the SJRWC has money available and is looking to do a project to support the watershed.

Mr. Uhley provided an update on the CNRP, noting that Flood Control is collecting storm water quality data downstream of the area impacted by fires last year.

He also noted that he will be touring the Cities to discuss the costs to implement the NPDES effort with their boards and that he will be speaking to the WRCOG TAC on April 16th.

Ms. Nancy Horton informed the TAC that LESJWA will be holding its Annual Summit at EMWD in May.

6. SCHEDULE NEXT MEETING (TBD)

The next meeting is a Lake Elsinore and Canyon Lake Nutrient TMDL Task Force and it is scheduled for Wednesday, April 16, 2014, at 1:30 p.m. at SAWPA.

The meeting was adjourned at 11:30 a.m.