



# County of Yolo

## PARKS AND RESOURCES DEPARTMENT

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### Cache Creek Technical Advisory Committee Summary Minutes July 23, 2007

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<b>Members in Attendance:</b>	Jeff Hart, Eric Larsen, Tim Horner
<b>County Staff:</b>	Julia McIver, Chris Alford, and Kevin Schwartz
<b>Others in Attendance:</b>	Ben Adamo, Bert Swartz, Duane Chamberlain, Glen Jensen, Lynnel Pollock, Fulton Stephens, Max Stevenson, Andrew Stresser, John Watson, Jack White, Brian Foster, Frank Sieferman, David Wood, Frank Goddard
<b>Members Absent:</b>	none

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#### 1. CALL TO ORDER

The meeting was called to order by Chris Alford at 10:05 AM.

#### 2. ADOPTION OF MINUTES

Jeff Hart motioned to approve the minutes from the April 9, 2007 meeting. (Minutes were informally approved but not formally adopted due to two of the TAC members being new and not present at the April meeting)

#### 3. REGULAR AGENDA:

**3.1 New TAC member and County staff introductions:** Chris Alford (County staff) introduced the new TAC and staff members: Eric Larsen, Tim Horner, and Kevin Schwartz. Eric Larsen is the new TAC Fluvial Geomorphologist; Tim Horner is the new TAC Hydrologist; and Kevin Schwartz is the new Resource Specialist.

**3.2 Granite bank toe maintenance project:** Ben Adamo (Granite Construction) presented Granite's plans to re-stabilize approximately 800 linear feet of the toe of Granite's reinforced bank protection. The plans propose re-armoring the bank toe in the project area as a maintenance procedure to maintain bank stability. The toe reconstruction will be similar to the initial bank stabilization project. The toe will maintain the same slope as the previous design however, the toe will extend further out due to the incision of the active channel adjacent to the banks. Ben stated that Granite intends to use concrete as the core of the toe and that Granite intends to cover the exterior with cobbles to the extent possible. If necessary, concrete may also be used but cobbles will be the preferred covering as long as they are available.

TAC members expressed the preference of using cobbles. Ben addressed this issue and two others that had been raised by Tim Horner. One issue was regarding spill prevention and whether a fueling site was graded toward the creek or a containment pond. Ben addressed this stating the fueling site was in an area at the plant farthest from the Creek and that any spills would drain in the direction of the containment pond and not the Creek. The plans submitted by Granite were from 2001 and there was concern among the TAC members that using old maps wouldn't reflect the current creek topography and that the 2001 map included a property line adjustment. Ben submitted the Board Letter approving the property line adjustment in 2002, and using the DTM the TAC was able to deem satisfactory the plans submitted. Thus, all TAC concerns were addressed by Ben. Kevin Schwartz will be issuing Granite Construction a new Flood Hazard Development Agreement so they can begin work on the maintenance project.

**3.3 Rinker bank stabilization project:** Mark Hirzy (Rinker) and Brian Foster (Cunningham Engineering) presented Rinker's bank stabilization plans. The bank stabilization plans presented included two project sites, each consisting of approximately 700 linear feet along Rinker's banks. Mark stated that the vegetation plans for the sites are based on Zentner and Zentner vegetation plans. The banks will be pulled to a 3:1 slope and will have logs installed and anchored into the slope. The logs will be anchored into the slope by a concrete deadman and cabling. The plans show that the logs would be placed on 200ft. centers with every 100ft alternating between log placement on upper and lower portions of the bank. Jeff Hart stated that he has some concern with the plans because the intermittent logs through the stabilization will cause periodic rough edges and, in turn, localized scour. It was recommended considering distribution of deadman logs throughout the bank stabilization profile. Kevin Schwartz and Jeff Hart also recommended use of more clayey soils that could allow for vegetation establishment as part of the project. Mark addressed this by stating that Rinker has access to A and B horizon soil material that Rinker could use in the stabilization project. Rinker has still not submitted the project plans for review nor addressed the concerns of the project by Dimitrios Georges, former Resource Specialist, and Kevin O'Dea sent to Rinker in January 2007.

**3.4 Creek walk summary:** Kevin Schwartz (County staff) noted that the Creek Walk Summary is out and hardcopies are available. He thanked those that participated in providing comments and stated that the summary was a group effort. Comments made in the Creek Walk Summary are primarily from TAC members. The summary includes a brief overview of creek processes, gives a general overview of both subreaches and project sites, and provides some recommendations both by area and by project. Additional recommendations will be presented in the annual status report later this year.

Jeff Hart stated that this year he incorporated a new technology while on the Creek Walk by using a camera that has an internal GPS and can produce files in a format that are compatible with Google earth.

#### **4. STAFF UPDATE:**

**4.1 RFP announcement for Correll/Rogers enhancement plan contract:** The RFP for the Correll/Rogers enhancement plan contract was sent out a week ago. Julia McIver (Yolo County) stated that at one point the Yolo County Flood Control and Water Conservation District had investigated using the Rodgers pond site for groundwater recharge, but determined that currently that management strategy does not seem as feasible as it previously did. There are currently some funds available through the Yolo County Water Resources Association (WRA) to investigate the site and develop site enhancement plans. Lynnel Pollock (Cache Creek Conservancy) stated that the Cache Creek Conservancy has a management agreement with the County for the Correll site. Invasives control and native plantings have sporadically occurred throughout the years. The first oak plantings and invasive removal efforts were in 1997/1998. The Conservancy would like to continue to work at the Correll site and potentially at the Rodgers pond site as well.

Ben Adamo (Granite Construction) stated for clarification purposes that historically Correll pit was intended to be a re-vegetation site while Rodgers pond was intended to be a groundwater re-charge site. Frank Goddard stated that while on the Creek Walk, John Sterling mentioned that ponds tend not to be all that great from a wildlife habitat perspective.

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Kevin Schwartz (Yolo County) stated that the RFP is out and proposals are due by August 14<sup>th</sup>. He also stated that he will have them sent out to the CCRMP TAC email distribution list.

**4.2 DFG Streambed Alteration Permit:** Kevin Schwartz discussed the extension of the DFG Streambed Alteration Permit to December 31, 2007. Kevin discussed with the DFG current projects underway and was given this extension from the previous permit expiration in mid-August. All projects in-channel must be completed prior to October 31, 2007. All groups working on projects operating in Cache Creek under the county's permit must have a copy of the permit on hand when doing work on their projects.

**4.3 2007 Aerial photography and DTMs:** The 2007 aerial photography for Cache Creek from the County line to the settling basin is complete. The DTMs are in draft form and are anticipated to be complete within the next two weeks. DTMs and digital color aerials will be provided to all aggregate facilities once they have been received by the County. Ben Adamo stated that it would be beneficial to tighten the timeline between when the photos are taken and when they are delivered. It may also be useful to contract for multiple years to the same company so that the process is not re-learned by a different consultant each year.

**4.4 Additional Staff Items:** All items that are for TAC review should be delivered to Kevin Schwartz (Resource Specialist) three weeks prior to the next TAC meeting so that there is adequate time for County staff and TAC members to review and respond. Submittals shall include five hardcopies and five packages of CDs or DVDs containing all submittals in pdf format.

**5. COMMITTEE REPORTS:**

Jeff Hart stated that post Katrina and Jones Tract, the Army Corps of Engineers is starting to enforce their policy of vegetation clearing on levees. There are several meetings and workshops that have begun as a result and this is a topic to pay close attention. Jeff mentioned there have been several studies that have shown strengthening of levees when vegetation is growing on them.

**6. PUBLIC COMMENTS:**

Lynnel Pollock (Cache Creek Conservancy) stated that the Cache Creek Conservancy just hired Shannon Brawley as their part time Project Coordinator for the tending and gathering garden at the Cache Creek Nature Preserve. Lynnel stated that the Conservancy is continuing to work with the USDA Agricultural Research Service with efforts to monitor biocontrol methods for tamarisk. She also mentioned that the Jan Lowrey Memorial Grove is now complete.

**7. SET DATES FOR FUTURE MEETINGS:**

The next regular meeting of the TAC is tentatively scheduled for August 13, 2007.

**8. ADJOURNMENT:**

The meeting was adjourned by Chris Alford at 11:25am.