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Cache Creek Technical Advisory Committee Summary Minutes July 3, 2006

Members in Attendance:	Kevin O'Dea
County Staff:	Kim Kinna, and Chris Alford
Others in Attendance:	Lynnel Pollock, Ben Adamo, Duane Chamberlain, Bob Schneider, Phil Hogan, Dave Pratt, Steve Azevedo, Jack White, Janet Levers, F. Stevens
Members Absent:	Jeff Hart and Geoff Schladow

1. CALL TO ORDER

The meeting was called to order by Kim Kinna at 10:00 AM.

2. ADOPTION OF MINUTES

Adoption of minutes for the meeting of May 9, 2006 postponed until August TAC meeting due to lack of quorum.

3. REGULAR AGENDA:

3-1 TAC member presentations of findings and recommendations from the 2006 Creek walk.

Kevin O'Dea verbally presented a summary of findings from the 2006 Creek walk by subreach.

Capay Subreach: The thalweg near the Capay Dan continues to lower at a slow rate and should be monitored and compared to historical data. The PG & E Palisades project was relatively unchanged except the left side mat, which has partially collapsed. Mr. O'Dea suggested sending a note to PG&E regarding this observation. The large gravel bars below the Palisades on the south bank, continues to erode and a meander was noted at Mr. Wood's property on the south bank. Mr. Wood was present to show an area of erosion on his site. Kevin stated that he is unsure if anything (i.e. building or road) on the property is threatened, but that the channel curve may tighten as it meanders downstream toward the Capay Bridge.

Hungry Hollow Subreach: The Granite bank stabilization project, located on the north bank of the Hungry Hollow subreach, has held up well although the toe of the bank has eroded. Fixing the toe of the bank is likely to be an ongoing maintenance activity as part of the bank protection measures for the site. The Craig hay bale project on the south bank is gone. The Jensen site project was demolished during the winter flows. The hard points were flanked from behind. A meander persists in that area, further eroding the south bank. Kevin recommended discussing the failure of the project and design in a future TAC meeting. Smaller and softer forms used in the Jensen site project did not provide high enough bank protection. Larger spur dikes installed prior to CCRMP implementation both upstream and downstream of the Jensen site are working but are currently above the high-flow flood plane due to channel incision. The Stephen's property site near County Road 87 had some of the best vegetation within the subreach. Willow trenches at the Stephen's property are flourishing. Vegetation at this site receives water from agricultural

runoff. This project has shown the importance of providing a water source. The three Syar spur dikes all had some erosion on their outer tips. The upstream spur dike was eroded more severely than in previous years.

Madison Subreach: The Teichert Esparto plant prism is performing very well with good stands of riparian vegetation. The outside of a channel meander has eroded a portion of the bank at the downstream end of the property, including a service road and a gravel storage pile. Erosion perpendicular to the channel meander, due to agricultural erosion, is visible at the Grube-Payne site. County staff added that erosion is occurring at the outlet of a pipe and that the owner has agreed to correct the problem after the planting season. At the former Madison Bridge site, there is approximately 140 feet of lateral erosion. The upstream-most spur dike, immediately downstream of the Madison Bridge Site, was damaged but not destroyed. Kevin stated that any future upstream erosion protection projects in the future should incorporate fixing this spur dike.

Guesisosi Subreach: The radius of curvature of the meanders in this subreach are reduced in comparison to the Madison subreach. As a whole, the Guesisosi subreach experiences less erosion than the Madison subreach. Bank erosion is visible along the south bank by the Rinker conveyor. In this area, the creek has switched its low-flow channel path and no longer flows against the south bank.

Dunnigan Hills Subreach: The short spur dikes, installed by Rinker prior to the implementation of the CCRMP, were almost completely removed during the winter storms. A meander upstream of the Moore Siphon has laterally eroded approximately 100 feet of the north bank, including an access road at an YCFCWCD property. Protection of the Moore Siphon has caused a restriction, particularly on the south bank, which has contributed to erosion on the south bank. An increase in turbidity at the confluence of Cache Creek and Gordon Slough was noted, as is typical.

Hoppin Subreach: Erosion of the overflow structure and bank was noted at the concrete spillway of the Correll/Rogers site. At the Harrison property, removal of invasive species seems very successful. In the active channel below, a gravel bar that was accreting sediment on the north is now gone along with all vegetation.

Jesus Maria Subreach: The position and height of gravel bars in this subreach seem the same as in previous years. An area of concern on the south bank, commonly referred to as Huff's corner, has experienced erosion that has threatened the adjacent County road. The County has closed the road and the Public Works Department is currently developing a plan for the site.

4. STAFF UPDATE:

4.1 2006 Creek walk presentation: rescheduled for August TAC meeting

4.2 CCRMP Status Report Update: Staff are finalizing the Status Report. The Status Report will be presented to the Board of Supervisors at the July 25th Board of Supervisors Meeting.

4.3 LiDAR flight update: LiDAR flight is anticipated to occur within the next couple of weeks.

4.4 Teichert erosion plan update: Teichert is meeting with consultants today and anticipates presenting their design plans for the Esparto plant bank erosion plan at the August TAC meeting.

5. COMMITTEE REPORTS:

None

6. PUBLIC COMMENTS:

6-1. Bob Schneider stated that Lake County is currently working on developing an invasive species ordinance and suggested that Yolo County look into a similar ordinance as a way to facilitate effective implementation of the invasive species removal efforts along Cache Creek.

7. SET DATES FOR FUTURE MEETINGS:

The next regular meeting of the TAC is tentatively scheduled for August 1, 2006.

8. ADJOURNMENT:

The meeting was adjourned by Kim Kinna at 11:40am.