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PLANNING, RESOURCES AND PUBLIC WORKS DEPARTMENT

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Cache Creek Technical Advisory Committee Summary Minutes September 11, 2006

Members in Attendance:	Kevin O'Dea, Jeff Hart, and Geoff Schladow
County Staff:	Julia McIver, Petrea Marchand, Kim Kinna, and Chris Alford
Others in Attendance:	Fulton Stephens, Laurie Brajkovich, Glen Jensen, Jack White, Lynnel Pollock, Lisa Zuffra, Lloyd Burns, Mark Hirzy, Max Stevenson, Jeanette Wrynski, Duane Chamberlain, Mary Kimball, Chris Rose, Sydney Temple
Members Absent:	None

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 August 1, 2006 postponed until October meeting.

3. REGULAR AGENDA:

3.1 Rinker project plans: Mark Hirzy (Rinker Materials) stated that Rinker is currently working with Cunningham Engineers to address two of the three locations sited during the creek walk as erosion control concerns along the Rinker property. The initial designs include plans to re-establish banks utilizing materials on-hand such as trees uncovered on-site. These trees would be cabled together and anchored with a concrete dead-man. Bank slopes would be graded to 3:1 with cobbles and willow cuttings at the toe of the slope and creeping wild rye plugs planted on the upper slope. TAC member Jeff Hart suggested that the use of more angular rocks would allow for additional soil entrapment that would benefit the willow cuttings. Jeff also suggested trenching techniques for willow stakes on the lower portion of the banks and the use of coir fabric through the creeping wild rye. TAC member Kevin O'Dea requested that Cunningham Engineers examine the materials proposed and their ability to withstand the anticipated channel velocities during various flows.

3.2 Teichert-Esparto Project Update: Syd Temple (Questa Engineering) presented Teichert's initial bank stabilization design for the area eroded during last winter's storms. Questa's design was developed with the recognition of the channel's tendency to migrate over time. Questa mapped out the channel thalwegs over the past ten years as part of their bank assessment and design process. The design includes reconstructing the banks with soil collected on-site. The reconstructed bank design also includes logs anchored to a dead-man every 50 feet and approximately 700 feet of coir fabric installed up to the 50 year water surface elevation. Three in-channel woody debris piles, approximately 5-6 feet in height, are also included in the design to encourage gravel bar development. TAC member Geoff Schladow voiced concern that if debris piles are placed too far

apart they may channelize flow. Syd replied that the low stature of the piles would allow for high water flows to go over the piles.

3.3 Jesus Maria invasive plant removal project: County, Cache Creek Conservancy, and Questa Engineering staff conducted a site visit of the Hoppin and Jesus Maria subreaches to determine priority sites for non-native invasive species control. County staff stated that sites were selected based on areas where biomass reduction of non-native species would reduce the rate of erosion on opposite banks and maintain channel capacity. Lynnel Pollock (Cache Creek Conservancy) stated that invasive plant removal activities would include direct spraying or mulch chopping this fall with an herbicide spray application the following year. Targeted plants located in areas with native species will be spot treated. County staff stated that permitting agencies have been notified and request that the TAC members review and make recommendations regarding County issuance of a Floodplain Development Permit for the project.

3.4 Cache Creek Conservancy Tamarisk Grant work update: Lynnel Pollock (Cache Creek Conservancy) stated that the Conservancy has been awarded a \$500,000, 3 year, grant that will fund tamarisk removal activities downstream of the Capay Dam. This year's funding allocation of \$150,000 will be used to conduct work along Cache Creek including: the south (right) bank downstream of the Capay Dam, re-treatment of areas along Cache Creek between County Road 85 and I-505, and areas between the Moore Siphon and County Road 94B (except for a site near the Nature Preserve where beetles have been released for bio-control). This year the Cache Creek Conservancy will be using Habitat for treatments, which will allow them to treat plants closer to the creek than previous application efforts. The Cache Creek Conservancy intends to work with Jeff Hart on revegetation efforts in November.

3.5 Yolo County Flood Hazard Development Permit process: County staff have prepared a package outlining the Flood Hazard Development Permit process and how to determine if a project requires a permit. Staff requests that TAC members review the documents.

4. STAFF UPDATE:

- 4.1 LiDAR flight and color aerials update:** LiDAR flight data and color aerials were received by the County. County staff have mailed out site-specific data to each aggregate company.
- 4.2 Summer water quality sampling:** Water quality sampling was conducted two weeks ago and the contract is up in time and money.
- 4.3 Updating Financial Assurances pursuant to changes under SMARA:** The County has requested that operators update financial assurances with the new worksheet pursuant to changes under SMARA. County staff have received updates from all but one operator.
- 4.4 Staff changes:** Kim Kinna will be leaving the position of Resources Specialist. The County is currently recruiting to fill the position.

5. COMMITTEE REPORTS:

Pressure Loggers: TAC member Geoff Schladow announced that the pressure gauge installed adjacent to the Yolo gauge during low-flow last year was the only pressure gauge recovered.

6. PUBLIC COMMENTS:

Cache Creek Clean-up: Lynnel Pollock (Cache Creek Conservancy) announced that the Cache Creek Clean-up will be occurring this Saturday at 9am. All are encouraged to volunteer.

Capay Dam Assessment: Max Stevenson (YCFCWCD) announced that the YCFCWCD will be conducting an assessment of the Capay Dam.

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

The next regular meeting of the TAC is tentatively scheduled for Monday, October 9, 2006

8. **ADJOURNMENT:**

The meeting was adjourned by Kim Kinna at 11:55 AM.