



COUNTY OF YOLO

Office of the County Administrator

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County Administrator

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CACHE CREEK TECHNICAL ADVISORY COMMITTEE (TAC) SUMMARY MINUTES

Monday, November 8, 2010 10:00 AM
County Administration Building, Atrium Training Room
625 Court Street, Woodland

1. CALL TO ORDER

The meeting was called to order by Eric Larsen at 10:07 AM

Roll Call: Eric Larsen (TAC Fluvial Geomorphologist)
Erik Ringelberg (TAC Riparian Biologist)
Tim Horner (TAC Hydrologist)

Staff: Cindy Tuttle (Natural Resources Coordinator)

Consultant: Heidi Tschudin

Others: See attached sign-in sheet

2. APPROVAL OF THE AGENDA

Agenda approval was accomplished during discussion in the Regular Agenda.

3. ADOPTION OF THE MINUTES

There were three changes to the October 11, 2010 minutes:

- Molly Ferrell asked that the statement, "Yes, there is an abundant amount of upland seedlings," be added to the third paragraph of Section 6.1 (Cache Creek Conservancy)
- Eric Larsen pointed out that his name was misspelled in the second paragraph of Section 3. (Adoption of the Minutes); and
- Mr. Larsen also requested to have the sentence, "Mr. Larsen's vision is to have a 'corridor' or 'parkway' plan developed from existing reclamation plans," removed from the second paragraph of the TAC Geomorphologist subsection of Section 6.2 (TAC Responsibilities)

It was then moved by Erik Ringelberg and seconded by Tim Horner to approve the minutes from the October 11, 2010 meeting. The minutes were adopted as corrected.

4. PUBLIC COMMENT

Marc Mammola from Cemex USA reported that the Flood Hazard Development Permit had been issued and they started construction on October 29th. They are, for all intents and purposes, done at Site F and they are working with the Department of Fish and Game on retention and removal of trees. The work at Site E should be done on Saturday, the 13th, but have some planting and hydro-seeding yet to be done. They have received a one-week extension from the Department of Fish and Game to complete the work.

5. REGULAR AGENDA

5.1 TAC Responsibilities

The outline of 14 TAC tasks/actions from the Cache Creek Improvement Program that Heidi Tschudin had given the TAC at the previous meeting was the basis of discussion. The TAC looked at each of the identified tasks/actions individually, not as a whole, with all three TAC members contributing comments. Ms. Tschudin pointed out that items #1-4 and #11 were the current priority. Item #7 will automatically be brought to TAC for review at a later date.

Dr. Larsen led a review of the TAC tasks/actions list. He presented the list in a spreadsheet (attached), viewed on the public monitors and updated while going through the items, determining the status, recommended action and priority (by highlighting the item with red, yellow or green; high, medium or low) of each item as it was reviewed.

There was discussion regarding why the CCIP does not include separate and distinct tasks and responsibilities related to water quality. Ms. Tschudin responded that water quality responsibilities related to mining in the creek were "retired" with the 1996 removal of all commercial mining from the creek. Remaining responsibilities related to CCIP project implementation are addressed on pages 45 and 46 of the CCRMP which are to be added as conditions of approval on FHDPs as appropriate. Ms. Tschudin acknowledged that as part of renewing the RWQCB general permit it is likely that performance standards related to the mercury TDMLs will need to be amended into the CCRMP and possibly the CCIP.

6. FOLLOW UP

- A. Resend the "S" drive directory to Eric Larsen (Tuttle)
- B. TAC remote access to "S" drive (Tuttle)
- C. Estimate and contract for HEC RAS (Larsen)

- D. PPW's bridge inspections – include “in creek” debris removal notations? (Tuttle)
- E. Maintenance of low flow channel – original intent and perspective of Tech studies (Larsen)
- F. Turbidity – YCFCWCD and USGE (Horner)
- G. Previous Annual Reports to TAC (Tuttle and Tschudin)
- H. Distribute Erik Ringelberg's methyl mercury and data management documents to TAC (Tuttle)
- I. Coordinate with OES regarding TAC flood watch responsibilities (Tuttle)
- J. Coordinate with hazmat regarding TAC creek spills responsibilities (Tuttle)
- K. Access to archive documents on current website (Tuttle)
- L. Distribute memo from staff to TAC regarding appropriate specifications for annual aerial surveys; follow up as a discussion item on future TAC agenda (Leathers)

Mr. Larsen recognized the presence of the new Executive Director of the RCD, Nicole Bell, and offered congratulations.

7. NEXT MEETING

The next TAC meeting will be held at 10:00 AM on Monday, December 13, 2010.

8. ADJOURNMENT

The meeting was adjourned at approximately 12:10 PM by Eric Larsen.

Respectfully submitted,

Cindy Tuttle, Natural Resources Coordinator
625 Court Street, Room 202
Woodland, CA 95695
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November 8, 2010

Cache Creek Technical Advisory Committee Meeting

	NAME	AFFILIATION	EMAIL
1	MARC MAMMOLA	Cemex	mmammola@cemexusa.com
2	NICOLE BELL	YCLCD	Bell@yclcd.org
3	EMILY LAUSEN	VCD	
4	MAX STEVENSON	YCFU VCD	MSTEVENSON@YCFU.VCD.ORG
5	STEVE GRUNSFELD	CEC	steve@cecwest.com
6	MOLLY FERRELL	CCC	
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Technical Memorandum

To: Cindy Tuttle, Tami Leathers
From: Eric Larsen, TAC Chair, TAC Geomorphologist
Subject: TAC responsibilities working spreadsheets
Date: November 9, 2010

Background and overview

In an effort to identify and prioritize TAC members work responsibilities and priorities, the last two TAC meetings have included discussions related to TAC responsibilities. In the November 8, 2010 TAC meeting, we used the following spreadsheets to draft priorities for items which had been identified from the CCIP.

The ratings assigned to each item could benefit from further clarification. In almost all the cases, the priorities – HIGH for very important, MEDIUM for important, and LOW for less important - are meant to refer to how important the items are to the program. In some cases (see notes), the priority may have been assigned green because, although it is important to the program, it is currently being taken of, and does not need highest priority attention or significant additional energy devoted to it.

Note: the numbers in brackets in the item description are page numbers from the CCIP, as compiled by Heidi Tschudin.

There is a column added to identify whether or not the item is the responsibility of the current TAC geomorphologist.

Item 1 Major Channel Stabilization Projects

Number	Item description	Geomorphologist responsibility	Comments	Status	Priority
1a	Annual identification of priority channel improvements projects (separate from maintenance projects) based on the results from the monitoring program (8)	YES/shared	Currently this is not based on the monitoring program. We need to prioritize larger projects on 5-yr lists.	Partially done	HIGH
1b	Design treatment for all bridge locations to smooth channel transitions into and out of bridge openings to improve local hydraulic conditions and reduce abrupt changes (16)	YES/shared	For example: Granite Esparto project.	Not done	HIGH
1c	Removal of low in-channel levees (17)	YES/shared	This refers to relic levees.	Not done	LOW

Item 2 Channel Maintenance Program					
Number	Item description	Geomorphologist responsibility	Comments	Status	Priority
2a	Long-term and short-term activities to promote channel stability and environmental restoration (6)	YES/shared	In progress. Implementation is required.	Partially done	HIGH
2b	Gravel bar skimming (20)	YES	Need background studies.	Not done	HIGH
2c	Vegetation removal (20)	YES/shared	CCC has been doing this.	Partially Done	MEDIUM
2d	Minor bank protection works (21)	YES/shared		Partially done	LOW
2e	Removal of debris at bridges (21)	YES/shared	Action: meet with public works.	Not done	LOW
2f	Maintenance of defined low flow channel	YES/shared	Eric L. will follow up with tech studies rationale for this item.	Not done	HIGH

Item 3 Creek Monitoring Program					
Number	Item description	Geomorphologist responsibility	Comments	Status	Priority
3a	Discharge	No/hydrologist	Action: annual reports.	Ongoing	HIGH
3b	Sediment discharge/transport and deposition trends	YES	Event based sampling would be useful. This is related to bedload and suspended load. Water quality issues are dealt with in another place.	Not done	HIGH
3c	Flood conditions	No/hydrologist	Floods have been reviewed afterwards	partial	MEDIUM
3d-1	Topography	YES/shared	Latest (2010) lidar is very useful. Needs to be reviewed.	Data done. ***review needed	HIGH
3d-2	Changes in channel form and elevations; changes in channel morphology	YES	Analysis needs to be completed and a summary report needs to be compiled.	Partially done	HIGH
3e	Changes in vegetation that affect channel capacity and stability	No/biologist	Analysis needs to be completed and a summary report needs to be compiled.	Partially done	HIGH
3f	Review of channel stabilization and annual maintenance activity performance	YES/shared		Partially done	HIGH
3g	Aerial photography	YES/shared	Currently on track. Analyses required.	Done	HIGH
3h	Hydraulic and sediment transport modeling including periodic updates and refinements	YES	Eric L. to follow up with Cindy.	Not done	HIGH
3i	Data management		In early phase of development.		HIGH

Item 4 Creek Inspection Program

Number	Item	Geomorphologist responsibility	Comments	Status	Priority
4a	Flood watch: mobilize TAC during floods to inspect creek and monitor for instability and other related problems	YES/shared	Professional expertise needs to be present during floods. Bill Martin coordination	Not done	MEDIUM
4b	Creek walk	YES/shared	Follow-up needs to done	Done ongoing	HIGH
4c	Bridges, levees, and infrastructure	YES		Partially done	HIGH
4d	Vegetation riparian habitat survey	No/biologist			HIGH
4e	Misc field sampling as needed for Creek Monitoring Program	YES/shared		Partially done	HIGH

Item 11 TAC Reporting (these are the mandatory components of the reporting of the items in 1-4)					
Number	Item	Geomorphologist responsibility	Comments	Status	Priority
11a	Annual report to the BOS that summarizes all data and analysis (8)	YES/shared		Not done	HIGH
11b	Annual report that describes need for and purpose of identified priority channel improvements projects, their specific location, and general aspects of the proposed improvements (8)	YES/shared	Creek walk reports	Partially done	HIGH
11c	Rec's re: when, where, and how adjustments to specific channel dimensions and hydraulic characteristics should be implemented (15) based on Creek Monitoring Program	YES/shared		Not done	HIGH
11d	Annual evaluation of bed and bank stability	YES		Not done	HIGH
11e	Expected needs and recommended change in the intensity and location of data collection activities as the channel adjusts over time (31)	YES/shared		Not done	HIGH