



COUNTY OF YOLO

Office of the County Administrator

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CACHE CREEK TECHNICAL ADVISORY COMMITTEE (TAC) DRAFT SUMMARY MINUTES

MONDAY, JANUARY 14, 2013, 10:00 AM

County Administration Building, Board of Supervisors Chambers
625 Court Street Woodland, CA 95695

1. CALL TO ORDER

The meeting was called to order by Dr. Eric Larsen about 10:05 am.

Roll call: Dr. Eric Larsen (TAC Fluvial Geomorphologist)
Dr. Mark Tompkins (TAC Hydraulic Engineer)
Jim Martin (TAC Biologist)

Staff: Cindy Tuttle, Natural Resources Program Manager
Elisa Sabatini, Natural Resources Program Coordinator

Others: See sign-in sheet (attached)

2. APPROVAL OF AGENDA:

After an overview of the agenda by Dr. Larsen the agenda was approved. Dr. Larsen noted that agenda item 7.1.4 was listed in error and would not be discussed at this meeting. The Annual Report is not scheduled for review by the Board of Supervisors until January 15, 2013.

3. INTRODUCTIONS

Individual introductions of the meeting attendees were made.

4. ADOPTION OF MINUTES OF THE NOVEMBER 19, 2012 MEETING

The summary minutes for the November 19, 2012 meeting were adopted as submitted.

Ms. Tuttle requested a few minutes to discuss a new system available in the Board of Supervisors Chambers that can broadcast an audio recording of the TAC meeting proceedings and post the audio on the County's website. After several minutes of discussion the TAC agreed that they have no objections to being recorded and would like to try the new system, however, the TAC asked that staff continue to prepare summary minutes for each meeting.

5. PUBLIC COMMENTS

Frank Goddard (Cache Creek Conservancy Board member and Cache Creek area property owner) requested to address the TAC about bank erosion at Huff's Corner (RM 11.6). Mr. Goddard has noticed some erosion and sloughing at the top of the bank over the last few weeks and wanted to bring it to the TAC's attention.

Ms. Tuttle explained that the erosion was likely related to the road drainage and that that section of levee was under the purview of the County's Planning and Public Works Department (PPW). Mr. Goddard's photos and concerns have been sent to PPW for follow up. Staff will track and report back as necessary.

Dr. Tompkins noted that the TAC had recommended a channel maintenance project at Huff's Corner in the 2012 Annual Report.

6. FOLLOW-UP ITEMS:

Parking Lot:

1. Vehicles left abandoned on flood plain – (Submitted to RWQCB)
2. Barn structure falling into Cache Creek (Reynolds Property) (Submitted to RWQCB)
3. Look for funding for signage regarding fishing due to mercury presence. (Staff)

Action Items:

1. Invasive Species Mapping During Removal by Cache Creek Conservancy (To be discussed Spring 2013, Staff and Martin)
2. Biological baseline and Biological Update for 5-Year Survey (In process, Staff and Martin)
3. Baseline DTM data: Mr. Randall provided the 1997 DTM data to Dr. Larsen. Dr. Larsen to determine if that data is useable. If not, Dr. Larsen to contact John Perry regarding using 1996 aerials to develop a baseline DTM. (Larsen)

Dr. Larsen noted that Action Items #1-3 are tied to regular agenda items 8.1 and 8.2 and would be discussed later in the meeting.

4. Obtain new hydrology that is now available through Fran Borcalli (Tuttle)

Dr. Larsen has a list of data requests pending with the State and will add this item to that list. Dr. Tompkins will follow up with Wood Rogers.

5. Schedule half-day Creek Walk prep session in March/April 2013 (Sabatini)

Tied to regular agenda item 8.3

6. Obtain copy of original Palisades construction study (Sabatini)

Several requests have been made to obtain this data from PG&E. Staff will keep trying.

7. Update draft Water Quality Protocol recommendations to cite the goals, objectives, actions, etc. from the CCRMP (Tompkins)

Completed

8. HEC-RAS Model (Larsen)

Dr. Larsen is working on this with Wood Rogers.

9. Prioritize 2012 TAC recommendations and integrate with 2011 recommendations (TAC)

Add to future agenda; possibly February's agenda.

7. STAFF UPDATES

7.1 Natural Resources Division

Jim Martin reported that staff has taken the lead on following up on the Section 7 consultation with the USFWS and the Section 106 consultation with SHPO. He indicated that the RWQCB will likely wait on reissuing the 401 Certification until the Corps has completed its review.

The TAC noted that the State Department of Fish and Game has changed its name, effective Jan 1, 2013, to the California Department of Fish and Wildlife. Staff will update documents and correspondence accordingly.

Ms. Tuttle reported that there was nothing new to report on the SMARA Compliance but that it was listed as a placeholder for future discussions/reports.

Ms. Sabatini reported that an internal draft of the ambient mercury study was expected in mid-February.

Ms. Sabatini also reported that staff planned to make progress on the background items for the Parkway Plan this spring.

7.2 Cache Creek Conservancy (CCC)

Lynnel Pollack, Executive Director of the Cache Creek Conservancy, provided the following updates:

- *Most of the work currently underway in association with the OHV grant is taking place at Wild Wings.*
- *An ecology class from UC Davis will be using the Nature Preserve for an ecology project this spring.*
- *A UCD graduate student will be conducting a water balance study on the wetlands this spring.*

7.3 Yolo County Resource Conservation District (RCD)

Jeanette Wrynski, Executive Director of the RCD, provided an update. ARRA funding is winding down and work in Cache Creek has slowed down accordingly. Ms. Wrynski also reported that the RCD's application for NFWF funds for invasive species was denied. She said that the RCD is exploring other funding opportunities and welcomes suggestions.

7.4 Yolo County Flood Control and Water Conservation District (YCFWCWD)

Max Stevenson reported that water conditions are good so far this year. He also reported that the YCFWCWD is looking at grant funding to study infiltration rates on canals.

Mr. Stevenson reported that there have been some recent updates to the on-line Water Resources Information Database (WRID). The YCFWCWD is checking the new interface and aims for a February completion of associated tasks. Once these tasks are complete they will move onto Phase II of the project.

7.5 Mercury Report

Ms. Tuttle reported on the status of the WRA contract with Dr. Stephan McCord. She also reported on a recent court ruling pertaining to TDMLs and storm water.

8. REGULAR AGENDA

8.1 Review Scope(s) of Work for Aerial Survey and 5-year Vegetation Survey & Map (TAC)

The aerial survey is conducted to collect several types of data including LIDAR, infrared, aerial photographs, etc.

After extensive discussion it was decided by consensus that the TAC is not technically qualified to rewrite the Scope of Work (SOW) for the next aerial survey. The TAC noted the need to vet the SOW to ensure that the next aerial survey provides the County with the data it needs in an acceptable format. A determination as to when the next survey will be flown will be made at a later date in conjunction with:

- *Staff to contact 2010/2011 aerial survey vendor to see if the vendor can reclip the data to include any area shot outside of the CCRMP boundary. (i.e., if they over shot the aerial data). If they do, can the County obtain it?*
- *Staff working with Jim Martin will determine if the 2008 LIDAR data provided by DWR is useable/useful for our purposes.*
- *Staff to investigate other organizations SOWs for similar contract work.*
- *Staff to investigate whether any other organizations would partner with the County and share the cost and data of future aerial surveys.*
- *Jim Martin will contact the TAC's previous biologist to discover what, exactly, the shortcomings of the previous aerial surveys were.*
- *Staff will investigate experts to review/assist with Scope of Work*
- *Consider deletion of volumetric analysis from the aerial survey Scope of Work and conduct in house utilizing Marcus Neuert instead*

8.2 Baseline DTM Analysis (Larsen, Neuert)

Dr. Larsen and Marcus Neuert (Yolo County IT) reported that Mr. Neuert was able to convert test samples of older data for comparison with the 2010 data. The samples worked great and they will move forward with converting all of the older data.

8.3 2013 Creek Walk

8.3.1 IT/GIS Overview (Neuert, Sabatini)

The TAC supported staff's recommendation to purchase three (3) iPads for use on the Creek Walk. Staff will provide a pre-walk training session and there will be paper/hard copy back-ups to ensure that the Creek Walk is successful.

Mr. Neuert will explore various applications for fieldwork and report back on the pros and cons of using stored data versus streaming data. Mr. Neuert and Ms. Sabatini will move ahead with testing connectivity in the field. They will also explore various cases and filters to minimize glare in the field.

8.3.2 Set date for Creek Walk Prep Session (TAC)

The Creek Walk Prep Session has been scheduled for March 22, 2013.

8.3.3 Set date(s) for Creek Walk (TAC)

The Creek Walk has been scheduled for May 8-10 with May 22-24 reserved as backup dates.

Staff to investigate the potential of utilizing a boat float for the 2014 creek walk.

8.4 Receive TAC member updates (TAC)

9. NEXT MEETING: FEBRUARY 11, 2013

9.1 Future Agenda Items

- Review/Report on data suitability from items 8.1 and 8.2
- 2012 TAC Recommendations – prioritize and integrate with 2011 recommendations (TAC)
- Large-scale restoration opportunities (Martin)

Respectfully submitted by,

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