

## **TEHAMA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT MINUTES OF MARCH 23, 2004**

Present: Directors': Ross Turner; Charles Willard; Barbara McIver; George Russell; Bill Borrer. Also present: Ernie Ohlin, Water Resources Manager; Gary Antone, Chairman of the AB3030 Technical Advisory Committee; Maurice Hall of CH<sub>2</sub>M Hill; Vieva Swearingen, Deer Creek Watershed Coordinator; Roger Sherrill, Rio Alto Water; and Allan Fulton, UC Davis Extension.

1. **CALL TO ORDER:** The meeting was called to order at 8:30 a.m. by Chairman Turner.
2. **APPROVAL OF FEBRUARY 24, 2004 MINUTES:** Motion by Director Borrer and Second by Director Russell (as to form Director Willard) to approve the February 24, 2004 minutes. Motion carried 5-0 with 0 absent.
3. **PUBLIC COMMENT:** None
4. **CLAIMS:** Motion by Director Russell and Second by Director Borrer to approve the March claims in the amount of \$6,395.42. Motion carried 5-0 with 0 absent.

Director Willard left the meeting.

5. **INSTALLATION OF MULTI-COMPLETION GROUNDWATER MONITORING WELLS:** Ernie Ohlin, Water Resources Manager, reviewed the funding for this project. A presentation of the current well being drilled on Hall Road was given. Sampling from every 20' was also shown. Eaton Drilling, RFP recipient, is drilling the 1,000 pilot hole and will drill and construct all three wells.

Dan McManus of DWR, analyzes gravel samples from the well drilling to gain an understanding of geologic layers underground. Toward the end of the drilling, at 920', the lower Tuscan was reached. In this Corning uplift area, it was interesting that it was higher, considering in the Deer Creek area, its location is at the 700' range.

Director Russell questioned if the project fell within cost, and Ernie Ohlin answered yes.

6. **DEER CREEK WATERSHED-FLOOD MANAGEMENT PLAN:** Maurice Hall of CH<sub>2</sub>M Hill, introduced Brother Regis of the Abby New Clairvaux, Stu Hanna and Bill Berins, member of the Deer Creek Watershed Board of Directors, and Vieva Swearingen, Watershed Coordinator.

Mr. Hall confirmed the Calfed funds were awarded last year and most of the contracting process has been completed for this project. The following was reviewed:

Objectives:

- Improve Steelhead and Salmon habitat in lower Deer Creek.
- Reduce or eliminate the potential from flood damage.

Principles to conduct project:

- Respect perspective concerns of landowners.
- Insure that good science and monitoring is included in the project.
- Effective and relative stakeholder process

Key Entities:

- Deer Creek Watershed Conservancy is owner of the property and hold the Master Contract with Calfed.
- CH<sub>2</sub>M Hill is the Consultant for the project completion.
- Viena Swearingen, project coordinator, involved in stakeholder, and administration of the grant.
- Key landowners are also going to be involved as key proponents leading discussions.
- Technical Advisory Committee to insure both science and communication is completed accurately. Members include: Ernie Ohlin, DWR's Stacy Cepello, DWR's Flood Management Division or an associated agency. Currently seeking a representative from Army Corps of Engineers, Calfed Science Panel and Dept. of Fish and Game.

Process: (Expectations over the next two years)

- Assembling information and who is currently or has done investigations in the watershed.
- Assemble data received, orienting the technical team and developing a detailed work plan.
- Approximately in May, meeting with key stakeholders, technical teams, conservancy members, and representatives from involved agencies.
- Summer and Winter of 04, iterative process between science, engineers, and stakeholders to put together a simulation model.
- Introduce measures that may be implemented to improve the habitat.
- Show improvements and conditions, such as flooding, expected in these circumstances, through visual aides.
- Go back to landowners and interested agencies for input.
- Refine with the gathered information
- Set of measures, or alternative, satisfactory to landowners and stakeholders.
- Develop design and estimate costs for implementation.

Chairman Turner suggested Caltrans and/or Union Pacific for agencies to be updated.

Director McIver questioned the model and Mr. Hall answered two models in parallel. One would be HEC Army Corps of Engineers, which is a traditional model and the other a Stanford University type, 3-dimensional, and a GIS plotting of flood areas.

Reports will be presented to the Flood Control Board quarterly, per Chairman Turner's request.

Ernie Ohlin added, with regard to this project, what complicates it is Tehama County has a Federal levee system in the project location. The County is charged with maintaining the area and this would give needed information on how gravel buildup affects the area. On Oak Creek, west of I-5, gravel buildup has caused flooding and there are no levees. This learning process will be beneficial to the County.

7. **AG WAIVER, COUNTYWIDE COORDINATION-UPDATE:** Allan Fulton presented information updating the Directors' on activities since January.
- January 29, 2004 granted Notice of Application to Sacramento Valley Water Quality Coalition Plan of Action.
  - March 22, 2004, 600 irrigated landowners in Shasta and Tehama sub-watersheds have elected to participate in the Coalition.
  - 248 defined drainage areas throughout Sacramento Valley. 5,000 irrigated acres are within Shasta/Tehama sub-watersheds. Five drainage areas in Shasta/Tehama were selected based upon largest irrigated acreage, highest pesticide use, proportion of orchard, row and forage crops, or irrigated pasture.
  - April 1<sup>st</sup> proposal to Regional Board initially proposed one monitoring site which was Burch Creek.
  - Still encouraging participation in Coalition.

Allan Fulton added that the fee structure for the Coalition may be \$1.00 per irrigated acre, per participant. Fees are being discussed and are not firm as yet. These fees would focus on support of the Coalition and a portion could be retained locally to support monitoring in our local sub-watershed.

Director Borrer acknowledged Allan and Vieva for their activities towards this project, and to NCWA and Ducks Unlimited for being the lead organizations.

8. **AB3030 TECHNICAL ADVISORY 2003 ANNUAL REPORT:** Gary Antone, Chairperson for the TAC, referred to the last page of the report and the recommendations of the Technical Advisory Committee.
- Continued focus on Phase I of the Groundwater Management Program goals and define and build upon the data presented in the Water Inventory Analysis document.
  - Continued efforts to increase the number of multi-completion wells in the County.
  - Continue outreach efforts to other water related agencies.
  - Continued monitoring of legislation activities.

Director Russell thanked the TAC for their continued efforts.

Motion by Director Borrer and Second by Director Russell to accept the AB3030 TAC 2003 Annual Report. Carried 4-0 with 1 absent.

9. **AB3030 TECHNICAL ADVISORY COMMITTEE APPOINTMENTS:** Motion by Director McIver and Second by Director Russell to approve the appointments of Kevin Borrer, Robert Steinacher and Gary Antone for three year terms on the AB3030 TAC. Carried 4-0 with 1 absent.
10. **AB3030 GROUNDWATER MANAGEMENT PLAN 2003 ANNUAL REPORT:** Ernie Ohlin reviewed the report with the Directors. Appreciation to the Department of Water Resources for their support was given.

- Installation of Monitoring Wells
- Deer Creek Irrigation District joined the M.O.U.
- First Water Export Permit oversight.
- Flood Control Website up and running for public access.
- Outreach to our County as well as other County's.

Motion by Director Russell and Second by Director Borrer to approve the AB3030 Groundwater Management Plan 2003 Annual Report. Carried 4-0 with 1 absent.

11. **NCWA MONTH IN REVIEW:** Director Borrer added that a NCWA meeting was attended by RCRC who gave a presentation by Brent Herrington and Jim Heminger, discussing items of interest to both organizations. NCWA and RCRC are working together to solve issues.
12. **ADJOURN:** With no further business the meeting adjourned at 9:32 a.m.