

**KERN COUNTY WATER AGENCY**  
**Cross Valley Canal Advisory Committee**  
**P. O. Box 58, Bakersfield, California 93302-0058**

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A meeting of the Cross Valley Canal Advisory Committee has been scheduled for **Monday, March 21, 2011 at 1:30 p.m.** and will be held in the Board Room of the Kern County Water Agency's Stuart T. Pyle Water Resources Center, at 3200 Rio Mirada Drive, Bakersfield, California.

**MEETING NOTICE & AGENDA**

1. Minutes of Cross Valley Canal Advisory Committee Meetings – February 22, 2011
2. Cross Valley Canal Advisory Committee Member Reports
3. Public Comment
4. Report on Operations, Maintenance and Deliveries
  - a. Operations and Maintenance Activities
  - b. Year-to-Date Deliveries
5. Report of the Assistant Water Resources Manager
  - a. Recommendation to Execute the Buena Vista Water Storage District Encroachment Permit
6. Adjourn

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Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Cross Valley Canal Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

**CROSS VALLEY CANAL**  
**REPORT ON OPERATIONS, MAINTENANCE AND DELIVERIES**  
**FEBRUARY 2011**

**CROSS VALLEY CANAL**

**OPERATIONS**

Preliminary inflows and deliveries for the month of February 2011 were as follows:

	<i><u>Acre-feet</u></i>
Points and amounts of inflow:	
California Aqueduct	29,715
CVC / FK Intertie	<u>15,431</u>
Total Inflow	<u>45,146</u>
Deliveries and losses:	
Arvin-Edison WSD Intertie Turnout	972
California Aqueduct – Reverse Flow	172
Calloway Turnout	1,722
Cawelo Pump Station “A”	345
Henry C. Garnett Water Purification Plant	206
Kern Water Bank P-11 Turnout	1,492
Lined losses Pool 1- 6	746
N-2 Siphons	1,133
Nord Siphons	2,073
River Turnout No. 1	12,831
River Turnout No. 2	4,901
River Turnout No. 4	268
Rosedale-Rio Bravo WSD Turnout No. 1	252
Rosedale-Rio Bravo WSD Turnout No. 2	9,533
Section 4 Turnout	3,102
Strand Ranch North Turnout	1,258
Strand Ranch South Turnout	1,468
Strand Siphons	2,196
Unlined losses Pool 7	268
Unlined losses Pool 8	<u>208</u>
Total Deliveries	<u>45,146</u>

For the month of February 2011, deliveries on behalf of the existing Cross Valley Canal (CVC) participants were 12,919 acre-feet (af) and deliveries on behalf of the new CVC Participants were 32,227 af.

**MAINTENANCE AND REPAIRS**

- Cleaned Motor Control buildings inside and out at all Pumping Plants;
- Assisted in repairs to the Section 4 low level float assembly;
- Performed extensive tumbleweed burning when permitted by San Joaquin Valley Air Pollution Control District;
- Used the Gradall to clean forebay trash racks and siphons due to recent storms;
- Assisted the Friant Water Users Authority in cleaning and removing CVC-Friant-Kern Intertie trash racks;
- Performed road maintenance along CVC rights-of-way;
- Performed washout repairs at various points along the Canal Levee and around Motor Control Buildings due to previous heavy rains;
- Installed safety railing inside the O&M building;
- Started pre-emergent/post-emergent herbicide applications along CVC rights-of-way; and

- Performed routine maintenance activities that included fence repairs, rodent abatement, vehicle and heavy equipment maintenance and repairs, and pump maintenance.

#### OTHER DEPARTMENT ACTIVITIES

- Assisted contractor on a portion of the Section 4 repairs;
- Operated various recharge facilities on the Pioneer and Berrenda Mesa recharge facilities as well as the Kern Water Bank Canal;
- Completed monthly Kern Fan groundwater level monitoring run;
- Completed DWR groundwater level monitoring run;
- Performed levee repairs due to rodent burrowing on Pioneer and Berrenda Mesa Projects; and
- Burned tumbleweeds on the Pioneer and Berrenda Mesa recharge facilities; and Recharge facilities.

# **KERN COUNTY WATER AGENCY CROSS VALLEY CANAL ADVISORY COMMITTEE**

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P.O. Box 58, Bakersfield, CA 93302-0058  
Phone: (661) 634-1400

Minutes  
February 22, 2011

A meeting of the Cross Valley Canal Advisory Committee was held on Tuesday, February 22, 2011 at 10:00 a.m. in the Board Room of the Kern County Water Agency's Stuart T. Pyle Water Resources Center. Those who attended the meeting were as follows:

## **MEMBERS:**

Arvin-Edison Water Storage District  
Cawelo Water District  
Fresno-Tulare Group  
Improvement District No. 4

Kern County Water Agency  
Kern Delta Water District  
Kern-Tulare Water District  
Rosedale-Rio Bravo Water Storage District

Steve Collup  
David Ansolabehere  
Absent  
Tim Ruiz  
Dave Beard, Alternate  
Bill Taube  
Mark Mulkay  
Absent  
Eric Averett  
Roy Pierucci, Alternate

## **OTHERS PRESENT:**

Kern County Water Agency

AECOM  
North Kern Water Storage District  
North of the River Municipal Water District

Jim Beck  
Holly Melton  
Amelia Minaberrigarai  
Ted Page  
Stephanie Prince  
Terry Rogers  
Martin Varga  
Josh Nord  
Dana Munn  
David Aranda  
Rebecca McClure

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Vice Chairman Eric Averett called the Cross Valley Canal (CVC) Advisory Committee (Committee) meeting to order at 10:02 a.m. and directed the Committee to the agenda for further discussion.

- 1) Minutes of the Cross Valley Canal Advisory Committee Meetings Steve Collup made a motion to approve the January 24, 2011 minutes and it was seconded by David Ansolabehere. The motion was unanimously carried.
- 2) Cross Valley Canal Advisory Committee Member Reports Committee Member Steve Collup reported that the Friant Division of Central Valley Project (Friant) has declared uncontrolled season and that Class II Friant Contractors can receive up to their full contract amounts. Vice Chairman Averett asked what the procedure is to receive Friant Section 215 water (215 water). Mr. Collup explained that first a declaration of 215 water is made

available to Friant Contractors and if there is additional 215 water available it is then made available to other water users.

- 3) Public Comment No comments.
- 4) Report on Operations, Maintenance and Deliveries
  - a) Operations and Maintenance Activities Holly Melton reported that the Kern County Water Agency (Agency) staff removed the River Turnout No. 2 gate, used the Gradall to clean trash racks and siphons, performed road maintenance, washout repairs; and conducted routine maintenance of equipment and facilities.
  - b) Report on 2010 Operations and Deliveries Ms. Melton reported that deliveries for the month of January 2011 were approximately 51,000 acre-feet (af), with deliveries made by Cawelo Water District, Improvement District No. 4 (ID4), the Agency, Kern Delta Water District and Rosedale Rio-Bravo Water Storage District. A majority of deliveries were made in forward flow, which consisted primarily of State Water Project (SWP) Table A water supply. Forward flow deliveries to the Henry C. Garnett Water Purification Plant were made with ID4 SWP water (delivered by exchange with Kern River interests). Ms. Melton then presented graphs illustrating deliveries by sources and by direction of flow over the last twelve months.
- 5) Report of the Assistant Water Resources Manager Ms. Melton informed the Committee that Agency staff was in the process of scheduling a meeting with the Budget Overhead ad hoc committee and that the final study on the CVC overhead methodology will be presented to the Committee at the next scheduled meeting.
  - a) Recommendation to Execute Amendment No. 1 to the Utility Agreement No. 08-107 with the City of Bakersfield for the Mohawk Street Box Culvert Crossing of the Cross Valley Canal Ms. Melton reported that on June 25, 2008, the Agency Board of Directors (Board) authorized the General Manager to execute a license agreement with the City of Bakersfield (City) for the Westside Parkway Project and Mohawk Street Crossings of the CVC Extension (Agreement). The Agreement provided for the Agency to construct two box culverts within the CVC Extension, one at the Mohawk Street crossing of the CVC and one at the Gulf Bridge (Gulf) crossing of the CVC. The Agency constructed the Mohawk Street box culvert and subsequent to execution of the Agreement, Agency and City staff have determined the City will construct the Gulf box culvert. City construction of the Gulf box culvert requires an amendment to the Agreement.

A recommendation was made that the Agency Board adopt Resolution No. 11-11 authorizing the General Manager to execute Amendment No. 1 to the Utility Agreement No. 08-107 with the City of Bakersfield for the Mohawk Street Box Culvert Crossing of the Cross Valley Canal. Steve Collup moved the recommendation and it was seconded by Bill Taube. The motion was unanimously carried.

- b) Recommendation to Retain a Biological Consultant for the Cross Valley Canal Expansion Project Ms. Melton reported that on January 26, 2011, the Agency Board authorized the General Manager to execute the Agreement for Grant of Easements Between

the Kern County Water Agency and State of California Department of Parks and Recreation (Agreement). Pursuant to the Agreement, the Agency must prepare a Revegetation Plan (Plan) for the restoration, repair and revegetation of areas within and adjacent to the Tule Elk State Reserve that may be disturbed during the construction of the Greater Bakersfield No. 2 Turnout from the California Aqueduct. Live Oak Associates, Inc. (Live Oak) has prepared a proposal to prepare the Plan for an amount not to exceed \$14,500. Staff recommends retaining Live Oak to prepare the Plan.

A recommendation was made that the Agency Board authorize the General Manager to retain a biological consultant for the Cross Valley Canal Expansion Project for an amount not to exceed \$14,500, subject to approval of General Counsel as to legal form, as outlined in the February 22, 2011 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 5b. Steve Collup moved the recommendation and it was seconded by Bill Taube. The motion was unanimously carried.

c) Recommendation to Pay Charges Associated with Obtaining a Section 404 Permit from the U.S. Army Corps of Engineers for the Cross Valley Canal Expansion Project Ms. Melton reported that the Agency began construction of the CVC Project in 2007. A significant piece of the Project includes construction of a new turnout from the California Aqueduct to the CVC. In order to construct the new turnout, the Agency must obtain a Section 404 permit (permit) from the U.S. Army Corps of Engineers. As part of obtaining the permit, the Agency must mitigate for the area permanently impacted by the turnout construction (about .47 acres). Agency staff estimates the mitigation cost will be about \$70,500, and will not know the final mitigation cost until the Section 404 permit is received. Therefore, staff recommends authorizing payment of charges associated with obtaining the permit for an amount not to exceed \$100,000.

A recommendation was made that the Agency Board authorize payment of charges associated with obtaining a Section 404 from the U.S. Army Corps of Engineers for the Cross Valley Canal Expansion Project, for an amount not to exceed \$100,000, subject to approval of General Counsel as to legal form, as outlined in the February 22, 2011 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 5c. Mark Mulkay moved the recommendation and it was seconded by Tim Ruiz. The motion was unanimously carried.

6) Adjourn Vice Chairman Eric Averett adjourned the Committee meeting 10:15 a.m.