

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

A meeting of the Cross Valley Canal Advisory Committee has been scheduled for **Wednesday, May 25, 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 – April 25, 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. Review of 2011 Budget to Actual Operations and Maintenance Costs
6. Cross Valley Canal Expansion Project Update
 - a. Recommendation to Execute Change Orders for the Greater Bakersfield Turnout No. 2 from the California Aqueduct and Outlet Canal Siphon Project – Contract No. KCWA 2006-05A
7. Westside Parkway Project Update
 - a. Recommendation to Retain a Concrete Materials Testing Consultant for the Westside Parkway Toscopetro and Gulf Box Culvert Projects
 - b. Recommendation to Retain a Geotechnical Testing Consultant for the Westside Parkway Toscopetro and Gulf Box Culvert Projects
8. Adjourn

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.

KERN COUNTY WATER AGENCY CROSS VALLEY CANAL ADVISORY COMMITTEE

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

Minutes
April 25, 2011

A meeting of the Cross Valley Canal Advisory Committee was held on Monday, April 25, 2011 at 1:30 p.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
Eric Limas
Tim Ruiz
Dave Beard, Alternate
Bill Taube
Mark Mulkay
Steve Dalke
Roy Pierucci, Alternate

OTHERS PRESENT:

Kern County Water Agency

Thane Campbell
Lynn Grant
Adrienne Mathews
Holly Melton
Ted Page
Stephanie Prince
Trent Taylor
Mike Radon
Martin Varga
Josh Nord
Rebecca McClure
Calvin Wesson

AECOM
North of the River Municipal Water District

Chairman Steve Dalke called the Cross Valley Canal (CVC) Advisory Committee (Committee) meeting to order at 1:34 p.m. and directed the Committee to the agenda for further discussion.

- 1) Minutes of the Cross Valley Canal Advisory Committee Meetings Tim Ruiz made a motion to approve the March 21, 2011 minutes and it was seconded by Steve Collup. The motion was unanimously carried.
- 2) Cross Valley Canal Advisory Committee Member Reports No comments.
- 3) Public Comment No comments.
- 4) Report on Operations, Maintenance and Deliveries
 - a) Operations and Maintenance Activities Thane Campbell reported that the Kern County Water

Agency (Agency) staff installed a N-2 siphon meter and removed two Strand meters for repair; cleaned the motor control buildings inside and out at all Pumping Plants (PP); performed extensive tumbleweed burning when permitted by the San Joaquin Valley Air Pollution Control District; used the Gradall to clean forebay trash racks and siphons; performed road maintenance and started pre-emergent/post-emergent herbicide applications along CVC rights-of-way; performed washout repairs at various points along the Canal Levee and around Motor Control buildings; installed down spouts at PP 4B and 5B to divert run-off from the Motor Control buildings; repaired safety railing inside the O&M building; and performed routine maintenance activities that included fence repairs, rodent abatement, vehicle and heavy equipment maintenance and repairs, and pump maintenance.

- b) Report on 2010 Operations and Deliveries Trent Taylor reported that deliveries for the month of March 2011 were approximately 60,000 acre-feet, with deliveries made by Cawelo Water District, Improvement District No. 4 (ID4), the Agency, Kern Delta Water District, Kern-Tulare 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) Article 21 water. Forward flow deliveries to the Henry C. Garnett Water Purification Plant were made with ID4 SWP water. Mr. Taylor 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 Nothing to Report.
- a) Review of the 2011 Advisory Committee Meeting Calendar Holly Melton informed the Committee that the Agency will modify its monthly regular Board of Directors (Board) meetings to reduce the number to one each month, which would be held on the fourth Thursday of the month. Due to this change, Agency staff is proposing that the monthly CVC Committee meetings be held on the Wednesday before the fourth Thursday of each month at 1:30 p.m. For the months of November and December the CVC Committee meetings would continue to be held on Monday a week earlier than the other months in order to coincide with the Agency's holiday Board meeting schedule.

The Committee agreed upon the new CVC Committee meeting schedule and requested that these dates be emailed to them for reference.

- b) Recommendation to Execute a License Agreement with the City of Bakersfield for the Construction, Maintenance and Operation of the Westside Parkway Project over the Cross Valley Canal at the Coffee Road Interchange Ms. Melton reported that the City of Bakersfield (City) has requested a license agreement for three parcels for the construction, operation and maintenance of Westside Parkway facilities that will cross over the CVC at the Coffee Road Interchange (Interchange). Parcel A is 4,574 square feet and will be used to widen the existing Coffee Road Bridge over the CVC and to build a dedicated right turn lane for the eastbound on-ramp for the Interchange. Parcel B is 83 square feet and will be used to build a sidewalk and wheelchair ramp at the eastbound on-ramp of the Interchange. Parcel C is 4,776 square feet and will be used to build the embankment required for a sidewalk on the east side of Coffee Road, just south of the CVC. The sidewalk will be built within the City's right-of-way; however, the

slope required for the embankment will extend into the CVC right-of-way. The agreement has been reviewed by Agency staff, and staff recommends its approval.

A recommendation was made that the Agency Board of Directors adopt Resolution No. 24-11 authorizing the General Manager to execute a License Agreement with the City of Bakersfield for the Construction, Maintenance and Operation of the Westside Parkway Project over the Cross Valley Canal at the Coffee Road Interchange. Tim Ruiz moved the recommendation and it was seconded by David Ansolabehere. The motion was unanimously carried.

- 6) Cross Valley Canal Expansion Project Update Martin Varga provided a status report on current construction activities for the CVC Expansion Project (Project). Mr. Varga informed the Committee that due to time sensitive activities, which may take place during construction, a need to approve contract change orders may be required in order to keep the Project moving. Instead of the Project be put on hold pending approval of these items, the Committee agreed that Mr. Varga would take the lead on time sensitive issues. Mr. Varga in turn, will notify the CVC Expansion ad hoc Committee of each issue taken place. It was recommended that the Engineering & Groundwater Services Manager, on behalf of the Committee, approve all emergency contract change orders in an amount not to exceed \$25,000.
- 7) Adjourn Chairman Steve Dalke adjourned the Committee meeting 2:00 p.m.

CROSS VALLEY CANAL
REPORT ON OPERATIONS, MAINTENANCE AND DELIVERIES
APRIL 2011

CROSS VALLEY CANAL

OPERATIONS

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

	<u><i>Acre-feet</i></u>
Points and amounts of inflow:	
California Aqueduct	9,587
CVC / FK Intertie	17,694
Pioneer Inlet	<u>2,862</u>
 Total Inflow	 <u>30,143</u>
Deliveries and losses:	
California Aqueduct – Reverse Flow Deliveries	5,161
Arvin-Edison WSD Intertie Turnout	41
Kern Water Bank P-11 Turnout	4,793
Lined losses Pool 1- 6	105
N-2 Siphons	2,112
Nord Siphons	1,956
River Turnout No. 1	811
River Turnout No. 2	466
River Turnout No. 3	619
River Turnout No. 4	1,018
Section 4 Turnout	5,318
Strand Ranch North Turnout	1,323
Strand Ranch South Turnout	2,089
Strand Siphons	4,274
Unlined losses Pool 7	32
Unlined losses Pool 8	<u>25</u>
 Total Deliveries	 <u>30,143</u>

For the month of April 2011, deliveries on behalf of the existing Cross Valley Canal (CVC) Participants were 12,338 acre-feet (af) and deliveries on behalf of the new CVC Participants were 17,805 af.

MAINTENANCE AND REPAIRS

- Removed 250hp Pump (2B) at Pumping Plant No. 2 for repairs (re-build);
- Prepared discharge siphon on Pump 2B for re-alignment;
- Installed three Strand Siphon meters;
- Installed re-built 100 hp Pump (4J) at Pumping Plant No.4;
- Cleaned Motor Control buildings inside and out at all Pumping Plants;
- Used the Gradall to clean forebay and afterbay trash racks and siphons;
- Performed road maintenance along CVC rights-of-way;
- Continued washout repairs at various points along the Canal Levee and around Motor Control buildings due to previous heavy rains;
- Constructed drainage berm along new road to Pumping Plant No. 2B to divert run-off;
- Fabricated and installed bait stations at strategic points along the CVC rights-of-way due to increased evidence of rodent activity;
- Continued post-emergent herbicide applications along CVC rights-of-way; and
- Performed routine maintenance activities that included fence repairs, vehicle and heavy equipment maintenance and repairs, and pump maintenance.

OTHER DEPARTMENT ACTIVITIES

- Operated various recharge facilities on the Pioneer and Berrenda Mesa recharge facilities as well as the Kern Water Bank Canal;
- Constructed containment levee in the PC2 pond to facilitate low head conditions to allow for River Canal repairs;
- Fortified James Canal by placing concrete rip-rap in eroded areas;
- Installed staff gauges in JW5A and JW6C aponds;
- Completed monthly Kern Fan groundwater level monitoring run; and
- Fabricated and installed bait stations at strategic points along the Berrenda Mesa recharge facility levees due to increased evidence of rodent activity.