

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, January 25, 2012 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. Call to order – 1:30 p.m.
2. Minutes of Cross Valley Canal Advisory Committee Meetings – December 12, 2011
3. Cross Valley Canal Advisory Committee Member Reports
4. Public Comment
5. Report on Operations, Maintenance and Deliveries
 - a. Operations and Maintenance Activities
 - b. Summary of 2011 Deliveries
6. Report of the Assistant Water Resources Manager
 - a. 2010 Cross Valley Canal Operations and Maintenance Budget Reconciliations
7. Update on the Cross Valley Canal Expansion Project
 - 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
8. Recommendation to Increase the Expenditure Limit for the Cross Valley Canal Supervisory Control and Data Acquisition Consultant
9. Update on the Westside Parkway Project
 - a. Recommendation to Increase Expenditure for the Geotechnical Consultant for the Westside Parkway Toscopetro and Gulf Box Culvert Projects
10. 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
December 12, 2011

A meeting of the Cross Valley Canal Advisory Committee was held on Monday, December 12, 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	Steve Collup
Cawelo Water District	David Ansolabehere
Fresno-Tulare Group	Absent
Improvement District No. 4	Tim Ruiz
	Dave Beard, Alternate
	Doug Nunneley, Alternate
Kern County Water Agency	Bill Taube
Kern Delta Water District	Mark Mulkay
Kern-Tulare Water District	Absent
Rosedale-Rio Bravo Water Storage District	Eric Averett
	Roy Pierucci, Alternate

OTHERS PRESENT:

Kern County Water Agency	Jim Beck
	Thane Campbell
	Don Garton
	Matt Garrison
	Holly Melton
	Amelia Minaberrigarai
	Ted Page
	Stephanie Prince
	Martin Taylor
	Trent Taylor
	Martin Varga
North of the River Municipal Water District	Rebecca McClure
	Calvin Wesson

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- 1) Vice Chairman Eric Averett called the Cross Valley Canal (CVC) Advisory Committee (Committee) meeting to order at 1:30 p.m. and directed the Committee to the agenda for further discussion.
 - 2) Minutes of the Cross Valley Canal Advisory Committee Meeting David Ansolabehere made a motion to approve the November 14, 2011 minutes and it was seconded by Tim Ruiz. The motion was unanimously carried.
 - 3) Cross Valley Canal Advisory Committee Member Reports No comments.
 - 4) Public Comment No comments.

- 5) Report on Operations, Maintenance and Deliveries
- a) Operations and Maintenance Activities Thane Campbell reported that Kern County Water Agency (Agency) staff continued to provide monitoring assistance by performing nightly inspections on the concrete slurry/dirt plug in the Pool 1 bifurcation, and to measure depth-to-water levels in Pool 1 at three different locations (16 piezometers) on a weekly basis; replaced the Supervisory Control and Data Acquisition (SCADA) radios at Pumping Plant (PP) No. 1A; installed a 250-horsepower (hp) pump 4H at PP No. 4A; removed a 250-hp pump 5H at PP No. 5A; assisted Blois Construction, Inc. with removal of Pumps 6B-2 and 6B-3 from PP No. 6B. (Pumps are being shipped to Vaughan Industries Repair Co. for vibration analysis, balancing and testing); installed reflective road markers at various points along the CVC levee; 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 rodent abatement along CVC rights-of-way; burned tumbleweeds when permitted by the San Joaquin Valley Air Pollution Control District; continued post-emergent herbicide applications along CVC rights-of-way; started pre-emergent herbicide applications along the CVC rights-of-way; and performed routine maintenance activities that included fence repairs, vehicle and heavy equipment maintenance and repairs, and pump maintenance.
- b) Year-to-Date Deliveries Trent Taylor reported that deliveries for the month of November 2011 were approximately 53,704 acre-feet, with deliveries made by Arvin-Edison Water Storage District, Improvement District No. 4, 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 water. Mr. Taylor then presented graphs illustrating deliveries by sources and by direction of flow over the last twelve months.
- 6) Report of the Assistant Water Resources Manager Holly Melton informed the Committee that the CVC Expansion Project cash call invoices will be processed at the end of December 2011; and Ms. Melton reported that staff submitted to the Committee for execution, the final Environmental Indemnification Agreement and that a couple of Members haven't replied yet. Once fully executed by the Committee, staff will present to the Agency's Board of Directors.
- a) Recommendation to Approve the Purchase of a Spray Rig Mr. Taylor reported that the CVC's spray rig is used for the application of various herbicides along CVC and Agency rights-of-way and is critical for routine CVC maintenance. The existing spray rig is a 1996 model, and due to its age and rising maintenance costs it can no longer be depended upon. Agency staff recommends replacing the spray rig at a cost not to exceed \$76,509.63. An estimated \$100,000 was included in the 2011 CVC Operations and Maintenance budget for this purpose. This item was discussed and recommended by the CVC Budget Ad Hoc Committee.
- A recommendation to approve the purchase of a spray rig for an amount not to exceed \$76,509.63, as outlined in the December 12, 2011 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 6a. Mark Mulkay moved the recommendation and it was seconded by Tim Ruiz. The motion was unanimously carried.
- b) 2012 Proposed Cross Valley Canal Advisory Committee Meeting Calendar Ms. Melton provided a calendar outline of 2012 proposed CVC Committee meeting dates.

- c) 2010 Cross Valley Canal Excess Wheeling and Conveyance Fee Distributions This item was tabled.
- d) 2010 Cross Valley Canal Operations and Maintenance Budget Reconciliations This item was tabled.
- 7) Update on the Cross Valley Canal Expansion Project Martin Varga provided a status report on current construction activities for the CVC Expansion Project.
- 8) Update on the Cross Valley Canal Supervisory Control and Data Acquisition System Project Don Garton and Matt Garrison provide a schematic layout of the CVC's SCADA System Project (Project). The Project is estimated to be complete in January 2012.
- 9) Update on the Westside Parkway Project Mr. Varga provided a status report on current construction activities for the Westside Parkway Project.
- 10) Adjourn Vice Chairman Eric Averett adjourned the Committee meeting at 2:03 p.m.

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

CROSS VALLEY CANAL

OPERATIONS

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

	<u><i>Acre-feet</i></u>
Points and amounts of inflow:	
California Aqueduct	53,442
Cross Valley Canal / Friant –Kern Intertie	246
Total Inflow	53,688
Deliveries and losses:	
Arvin-Edison WSD Turnout	7,356
Kern Water Bank P-11 Turnout	292
Lined Losses Pool 1- 6	108
N-2 Siphons	301
River Turnout No. 1	10,483
River Turnout No. 2	4,284
River Turnout No. 3	127
River Turnout No. 4	7,030
Rosedale-Rio Bravo WSD Turnout No. 1	3,404
Rosedale-Rio Bravo WSD Turnout No. 2	14,267
Section 4 Turnout	1,045
Strand Ranch North Turnout	3,076
Strand Ranch South Turnout	686
Unlined Losses Pool 7	726
Unlined Losses Pool 8	503
Total Deliveries	53,688

For the month of December 2011, deliveries on behalf of the existing CVC Participants were 27,527 acre-feet (af) and deliveries on behalf of the new CVC Participants were 26,161 af.

MAINTENANCE AND REPAIRS

- Continued to provide monitoring assistance by performing nightly inspections on the concrete slurry/dirt plug in the Pool 1 bifurcation;
- Continued to measure depth-to-water levels in Pool 1 at three different locations (16 piezometers) on a weekly basis;
- Manually cleaned the Greater Bakersfield No. 1 Turnout trash racks;
- Repaired siphon breaker 4B (250 hp) at Pumping Plant No. 4A;
- Assisted Blois Construction, Inc. with installation of Pumps 6B-2 and 6B-3 from Pumping Plant No. 6B. (Vaughan Industries Repair Co. will be performing vibration testing and analysis);
- Performed dust abatement by applying water to levee roads in Pool 8;
- Installed reflective tape at various points along the CVC;
- Cleaned Motor Control buildings inside and out at all Pumping Plants;
- Regularly used the Gradall to clean forebay and afterbay trash racks and siphons;
- Performed road maintenance along CVC rights-of-way;

- Continued rodent abatement along CVC rights-of-way;
- Burned tumbleweeds when permitted by the San Joaquin Valley Air Pollution Control District;
- Continued pre-emergent herbicide applications along the 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;
- Extensive hand cleaning to remove water hyacinth from the head of the Berrenda Mesa Project;
- Constructed levee on Pioneer South to isolate James Canal from pond 6B for future levee maintenance;
- Burned tumbleweeds in preparation of completing levee construction described above;
- Completed the monthly Kern Fan groundwater level monitoring run;
- Completed the Kern Fan Monitoring seasonal sampling (Purge Pump) run; and
- Continued rodent abatement along the Berrenda Mesa and Pioneer recharge facility levees.