

**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 **Wednesday, September 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 – August 24, 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 an Agreement Among the Kern County Water Agency and Rosedale-Rio Bravo Water Storage District for Construction, Operation and Maintenance of and Introduction of Local Water from the Rosedale Turnin No.1, a Permanent Turnin within the Cross Valley Canal Right of Way, (CVC #11001)
6. 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
7. Recommendation to Execute Change Orders for the Cross Valley Canal Supervisory Control and Data Acquisition System Project
8. Review of the Emergency Action Regarding Repairs for the Cross Valley Canal Pumping Plants
9. Update on the Westside Parkway Project
10. 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**  
**AUGUST 2011**

**CROSS VALLEY CANAL**  
**OPERATIONS**

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

	<u><i>Acre-feet</i></u>
Points and amounts of inflow:	
California Aqueduct	54,866
Pioneer Inlet	<u>750</u>
Total Inflow	<u>55,616</u>
Deliveries and losses:	
Arvin-Edison WSD Turnout	18,757
Calloway Turnout	2,747
Cawelo Pump Station "A"	742
Kern Water Bank P-11 Turnout	2,477
Lined losses Pool 1- 6	108
N-2 Siphons	1,115
Nord Siphons	341
River Turnout No. 1	3,136
River Turnout No. 2	1,277
River Turnout No. 4	5,121
Rosedale-Rio Bravo WSD Turnout No. 1	5,066
Rosedale-Rio Bravo WSD Turnout No. 2	2,987
Section 4 Turnout	5,516
Strand Ranch North Turnout	2,696
Strand Ranch South Turnout	789
Strand Siphons	2,388
Unlined Losses Pool 7 - 8	<u>353</u>
Total Deliveries	<u>55,616</u>

For the month of August 2011, deliveries on behalf of the existing Cross Valley Canal (CVC) Participants were 39,258 acre-feet (af) and deliveries on behalf of the new CVC Participants were 16,358 af.

**MAINTENANCE AND REPAIRS**

- Performed flow measurement tests on three different occasions, and at three different elevations on the California Aqueduct to verify maximum flows at those known elevations;
- Performed reverse flow testing to determine flow rates at Pumping Plants 1B, 2B, 4B and 5B;
- Continued air conditioning service and repairs at various Pumping Plants and at both "A" and "B" buildings;
- Installed rebuilt 250-horsepower pump 2B at Pumping Plant No. 2A;
- Installed rebuilt 100-horsepower pump 3G at Pumping Plant No. 3A;
- Installed rebuilt 565-horsepower pump 4D at Pumping Plant No. 4A;
- Replaced siphon breaker solenoids on one pump each at Pumping Plant No's. 2B and 4B;
- Assisted contractor with vibration stiffener at Pumping Plant 6B;
- Trimmed and removed vegetation from north fence line in Pool 8;
- Assisted Sonitrol Security Company on numerous occasions in troubleshooting ongoing security

monitoring issues at the CVC Operations and Maintenance Center;

- Performed dust abatement by applying water with the water truck to the access roads south of Stockdale Highway, between Enos Lane and Renfro Road and to the entrances of Pumping Plant Nos. 2, 3 and 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;
- Continued rodent abatement 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;
- Completed Water Quality sampling run using Purge Pump;
- Completed monthly Kern Fan groundwater level monitoring run;
- Performed dust abatement using the water truck to wet levee roads on the North and South Pioneer and Berrenda Mesa Property;
- Installed No Trespassing signs at strategic locations on the North and South Pioneer Property; and
- Continued rodent abatement along the Berrenda Mesa and Pioneer recharge facility levees.