

**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, November 14, 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. Call to order – 1:30 p.m.
2. Minutes of Cross Valley Canal Advisory Committee Meetings – September 21, 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. Year-to-Date Deliveries
6. Report of the Assistant Water Resources Manager
  - a. Recommendation to Approve the Cross Valley Canal 2012 Operations and Maintenance Budget
  - b. Recommendation to Execute a License Agreement with the Kern Water Bank Authority for the Placement of a Cattle Guard at the Cross Valley Canal Main Canal Bridge
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
  - b. Recommendation to Increase the Expenditure Limit for the Construction Administration Consultant for the Cross Valley Canal Expansion Project and the Friant-Kern Canal/Cross Valley Canal Intertie Project
  - c. Recommendation to Increase the Expenditure Limit for the Biological Consultant for the Cross Valley Canal Expansion Project
8. Termination of the Emergency Action Regarding the Cross Valley Canal Pools No. 1 and 4 Concrete Liner Repairs
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  
OCTOBER 2011**

**CROSS VALLEY CANAL  
OPERATIONS**

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

	<u><i>Acre-feet</i></u>
Points and amounts of inflow:	
California Aqueduct	26,271
Cross Valley Canal Storage	302
Total Inflow	26,573
Deliveries and losses:	
Arvin-Edison WSD Turnout	2,698
Kern Water Bank P-11 Turnout	1,291
Lined losses Pool 1- 6	72
N-2 Siphons	629
River Turnout No. 1	4,572
River Turnout No. 2	1,140
River Turnout No. 3	760
Rosedale-Rio Bravo WSD Turnout No. 1	3,189
Rosedale-Rio Bravo WSD Turnout No. 2	7,139
Section 4 Turnout	2,741
Strand Ranch North Turnout	1,954
Strand Ranch South Turnout	276
Unlined Losses Pool 7	112
Total Deliveries	26,573

For the month of October 2011, deliveries on behalf of the existing Cross Valley Canal (CVC) Participants were 15,400 acre-feet (af) and deliveries on behalf of the new CVC Participants were 11,173 af.

**MAINTENANCE AND REPAIRS**

- Dewatered Pools 1, 3, 4, 5 and 6 for Greater Bakersfield No. 2 bifurcation to Pool 1 and general maintenance and facilities inspection;
- Provided Contractor with dust abatement services by wetting access roads in Pools 1, 2 and 4 for haul and cement trucks during Pool 1 panel repairs;
- Assisted contractor by pumping and maintaining levels in Pool 1 to allow for replacement of concrete panels in Pool 1;
- Replaced 200 feet of fence in Pool 1 after panel repair construction was completed by contractor;
- Continued nightly inspections on the concrete slurry/dirt plug in the Pool 1 bifurcation;
- Applied sealant to damaged liner in Pools 1, 3 and 5;
- Continued to weekly measure depth to water levels in Pool 1 at three different locations (16 piezometers);
- Assisted Hampton–Tedder in completing the repairs to the autotransformers at Pumping Plants 2B and 4B;
- Assisted contractor by doing the pre-construction demolition for the Pool 4 panel repairs;
- Assisted contractor in soil conditioning for backfill material for Pool 4 panel repairs;
- Removed 250-horsepower (hp) pump 4H at Pumping Plant No. 4A;
- 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;

- Install new sluice gate at River Turnout No. 2 (RTO 2);
- Replaced repaired electric actuator at RTO 2;
- Inspected and removed obstruction from sluice gate at Rosedale Rio Bravo Turnout No. 2;
- Repaired Arvin-Edison Turnout meter 'D';
- Assisted Blois with dewatering and vibration testing at Pumping Plant No. 6B;
- Greased gate actuator stems and recalibrated all gated Turnouts on CVC;
- Performed electrical maintenance to switchgear at all Pumping Plants;
- 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 the CVC rights-of-way;
- Burned tumbleweeds when permit by San Joaquin Valley Air Pollution Control District;
- Continued post-emergent herbicide applications along CVC rights-of-way;
- Replaced air-conditioning filters in all units at all Pumping Plants; 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 monthly Kern Fan groundwater level monitoring run;
- Removed overgrown vegetation from around rehab well No. 2 (8B1);
- Repaired rodent hole in levee on west side of James Canal;
- Performed dust abatement using the water truck to wet levee roads on the North and South Pioneer and Berrenda Mesa Property;
- Performed levee improvements by grading roads on North and South Pioneer; and
- Continued rodent abatement along the Berrenda Mesa and Pioneer recharge facility levees.