



Established in 1918 as a public agency

# Coachella Valley Water District

**Directors:**

Patricia A. Larson, President  
Peter Nelson, Vice President  
Tellis Codekas  
Franz W. De Klotz  
Russell Kitahara

**Officers:**

Steven B. Robbins, General Manager-Chief Engineer  
Julia Fernandez, Board Secretary

December 7, 2010

Redwine and Sherrill, Attorneys

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Paul J. Matuska  
Bureau of Reclamation  
Lower Colorado Regional Office  
Post Office Box 61470  
Boulder City, NV 89006-1470

Dear Mr. Matuska:

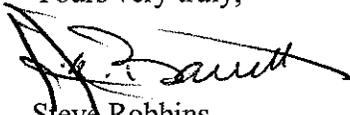
**Subject: 2010 Coachella Canal Lining Project Mitigation Water**

The estimated 2010 environmental mitigation water for the Coachella Canal Lining Project (Project) through December 31, 2010 is projected to be approximately 1,043 acre-feet. Please find enclosed a table outlining the methodology of the estimated water use.

Thus, it is projected that the remaining 3,807 acre-feet, of the 4,850 acre-feet committed for environmental use, is available from the Project for diversion to San Diego County Water Authority.

If you any questions or require additional information, please contact Dan Charlton, Engineering Manager at extension 2316.

Yours very truly,

  
FOR Steve Robbins  
General Manager-Chief Engineer

Enclosure/1/as

cc: Jennifer McCloskey, Area Manager (with enclosure)  
U.S. Bureau of Reclamation  
Yuma Area Office  
7301 Calle Agua Salada  
Yuma, AZ 85364

Dave Fogerson (with enclosure)  
San Diego County Water Authority  
4677 Overland Avenue  
San Diego, CA 92123

John Scott (with enclosure)  
Metropolitan Water District of Southern California  
P.O. Box 54153  
Los Angeles, CA 90054-0153

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DATE	INITIALS	CONF
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CLASSIFICATION		
PROJECT		
CONTROL NO.		
FOUNDER		
KEYWORD		

**Coachella Canal Lining Project**  
**2010 Environmental Mitigation Water Use**  
**(Projected through December 31, 2010)**

**2010 Calculations**

1. Mammal Ponds:                     $365 \times 0.42 \text{ acre-feet/day}^* = 153 \text{ acre-feet}$   
    \* 56 ponds x 1.7 gpm x 0.0044 = 0.42 acre-feet/day estimated by GEI Hydrologist
  
2. Unlined Canal Recharge:     $191 \text{ acre-feet} + 41 \text{ (projected)} = 240 \text{ acre-feet}$
  
3. Aquafarms Recharge:         $631 \text{ acre-feet} + 19 \text{ (projected)} = 650 \text{ acre-feet}$

**Total Projected 2010 Environmental Mitigation Water Use: 1043 acre-feet**