



Established in 1918 as a public agency

# Coachella Valley Water District

**Directors:**

Peter Nelson, President - Div. 4  
John P. Powell, Jr., Vice President - Div. 3  
Patricia A. Larson - Div. 2  
Debi Livesay - Div. 5  
Franz W. De Klotz - Div. 1

**Officers:**

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

November 29, 2011

Redwine and Sherrill, Attorneys

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Lorri Gray-Lee  
U.S. Bureau of Reclamation  
Lower Colorado Regional Office  
Post Office Box 61470  
Boulder City, NV 89006-1470

Dear Ms. Gray-Lee:

Subject: 2011 Coachella Canal Lining Project Mitigation Water

The estimated 2011 environmental mitigation water for the Coachella Canal Lining Project (Project) through December 31, 2011 is projected to be approximately 2,585 acre-feet. Please find enclosed a table outlining the methodology of the estimated water use.

Thus, it is projected that the remaining 2,265 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 Carrie Oliphant, Engineering Manager at extension 2268.

Yours very truly,

for Steve Robbins  
General Manager-Chief Engineer

Enclosure/1/as

cc: Dave Fogerson (with enclosure)  
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Paul Matuska (with enclosure)  
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CO:pr/eng/irr/11/nov/CC Lining Mitigation



**Coachella Canal Lining Project**  
**2011 Environmental Mitigation Water Use**  
**(Projected through December 31, 2011)**

**2011 Calculations**

1. Mammal Ponds:                       $355 \times 0.42 \text{ acre-feet/day}^* = 149 \text{ acre-feet}$   
\*  $56 \text{ ponds} \times 1.7 \text{ gpm} \times 0.0044 = 0.42 \text{ acre-feet/day}$  estimated by GEI Hydrologist

2. Unlined Canal Recharge:               $921 \text{ acre-feet} + 184 \text{ acre-feet (projected)} = 1,105 \text{ acre-feet}$

3. Aquafarms Recharge:                   $1109 \text{ acre-feet} + 222 \text{ (projected)} = 1,331 \text{ acre-feet}$

**Total Projected 2011 Environmental Mitigation Water Use: 2,585 acre-feet**