MWA and the JBWD Community as partners

A little background to frame today’s discussion

February 19, 2010
Kirby Brill
General Manager, Mojave Water Agency
Overview

♦ JBWD’s role in MWA’s Integrated Regional Water Management Plan
♦ Development of the JBWD recharge project
♦ Limitations on imported water supply
♦ Upcoming Urban Water Management Plan
MWA is positioned as one of 29 State Water Project Contractors with regional responsibilities.
In 2001, MWA began to establish a regional, long-range plan to meet water supply objectives.
An (very) active Technical Advisory Committee (TAC) helped develop solutions
In 2005, the MWA Board certified an EIR and adopted our “Plan”
The TAC evaluated alternatives and agreed upon priorities

TECHNICAL ADVISORY COMMITTEE
TO THE
MOJAVE WATER AGENCY
April 27, 2005
9:00 a.m.

ADOPTED COMMITTEE ACTIONS

ACTION: Members of the TAC approved recommendation of the amended project list (subject to further revision) to the Mojave Water Agency Board for consideration with the Proposition 50 grant application.
In July 05, the Board submitted a Request for funding under Prop 50
When available funding was reduced from $50M to $25M, the TAC further prioritized projects.
MWA remained committed to the JBWD project

- MWA Board authorized a $1M funding pledge to the eventual project
- Also offered staff and other technical support as appropriate
- MWA and JBWD have been working together to seek potential outside funding
  - DWR Prop 84
  - USBR of other Federal sources
The current JBWD project concept includes one or more recharge basins and a pipeline that ties into the Morongo Basin Pipeline.
Three recharge sites were considered
Is there any water to put in the recharge basins?

Table 6.12 SWP Table A

<table>
<thead>
<tr>
<th>Study of Future Conditions</th>
<th>Minimum Delivery</th>
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<tbody>
<tr>
<td>2007 SWP Delivery Reliability Report, Study 2027²</td>
<td>255 – 293</td>
</tr>
<tr>
<td>Updated Studies (2029)</td>
<td>458</td>
</tr>
</tbody>
</table>

Table 6.13 Average and directional flows

<table>
<thead>
<tr>
<th>Study of Future conditions</th>
<th>Long-Average</th>
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<tbody>
<tr>
<td>2007 SWP Delivery Reliability Report, Study 2027²</td>
<td>66 – 1</td>
</tr>
<tr>
<td>Updated Studies (2029)</td>
<td>60¹</td>
</tr>
</tbody>
</table>

DRAFT

The State Water Project Delivery Reliability Report 2009

December 2009
What does all this mean for MWA customers

- In 2009, MWA increased its Table A from 75,800 to 89,800 acre-feet
  - Average annual supply @ 60% = 53,880 AF
  - Maximum annual supply @ 97% = 87,106 AF
  - Minimum annual supply @ 11% = 9,878 AF
  - Average supply during a 6-yr drought @ 32% = 28,736 AF

- Variable supply requires leveraging underground storage
What’s next

♦ MWA will continue to support efforts of the JBWD community to seek reliable and sustainable water supplies including support for capital projects

♦ MWA will work with JBWD to incorporate its water needs into its 2010 Urban Water Management Plan
Questions