Water Management
Technical Feedback Meeting

May 7, 2010
Fresno, CA

Agenda Overview

• Comments on Meeting Notes
• Recovered Water Account
• MC/FKC Capacity Correction / Reverse Flow Feasibility Studies
• Interim Flow Releases
• Recapture/Recirculation
• Part III Guidelines
• Next Meeting Date
• Public Comment
Comments on Meeting Notes

Recovered Water Account
Madera & Friant-Kern Canals Capacity Correction Assessment & Friant-Kern Canal Reverse Flow Feasibility Studies

Federal Planning Process & Anticipated Activity Start Dates

- **Feasibility Study**
  - Preliminary Design Report (incl. 30% Design)
  - Environmental Assessment
  - Economic Benefit Analysis

- **Final Design & Specifications**
  - 60% Design
  - 90% Design
  - Final Design & Funding Requirement Estimate

- **Procurement**
  - Invitation for Bid
  - Independent Government Cost Estimate
  - Award of Contract

- **Construction**

Assumption: Final EIS/EIR not required
### Capacity Correction Feasibility Study

- **Preliminary Design Report**
  - Hydraulic Model - Completed
  - Development of Alternatives – Completed
  - Preliminary Design (30%) – Complete June 2010

- **Environmental Assessment**
  - Field Surveys – Complete May 2010

- **Economic Benefit Analysis**
  - Modeling Analysis Strategy TM – Completed
  - Operational Modeling – Complete May 2010

- **Feasibility Study**
  - Complete Jul 2010

### Reverse Flow Feasibility Study

- **Preliminary Design Report**
  - Hydraulic Model - Completed
  - Development of Alternatives – Completed
  - Preliminary Design (30%) – Completed

- **Environmental Assessment**
  - Field Surveys – Completed

- **Economic Benefit Analysis**
  - Modeling Analysis Strategy TM – Completed
  - Operational Modeling – Complete May 2010

- **Feasibility Study**
  - Complete Aug 2010

*Note: Does not include White River Check analysis*
Interim Flow Releases

Restoration Flow Schedule

1. Total Annual Allocation
2. Estimated Releases
3. Remaining Allocation
4. Default Flow Schedule
5. Channel Capacity Cap
Total Annual Allocation

- 0100 200 300 400 500 600 0 2,000 4,000
- Annual Allocation (TAF)
- Unimpaired Inflow (TAF)
- Date Effective
- Declared
- 10% Forecast
- 50% Forecast
- 90% Forecast

Estimated Releases

- Friant Dam Release (cfs)
- Tributary Inflows Final QA/QC (cfs)
- Gravelly Ford Exhibit B Interim (cfs)
- Gravelly Ford Target (cfs)
- Gravelly Ford Operations Estimates (cfs)
- Gravelly Ford Final QA/QC (cfs)
### Remaining SJRRP Allocation

<table>
<thead>
<tr>
<th>Accounting</th>
<th>TAF</th>
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<tr>
<td>Allocation for the SJRRP</td>
<td>305.4</td>
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<tr>
<td>Releases for the SJRRP</td>
<td>-103.9</td>
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<tr>
<td>April 1-15 Flow Cap</td>
<td>-26.2</td>
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<tr>
<td>April 16-30 Flow Cap</td>
<td>-25.0</td>
</tr>
<tr>
<td><strong>Allocation Used</strong></td>
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<tr>
<td><strong>Remaining SJRRP Allocation</strong></td>
<td>150.4</td>
</tr>
</tbody>
</table>

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### Gravelly Ford Default Flow Schedule

- **Exhibit B Flow Schedule (cfs)**
- **Capacity Limit (cfs)**
- **Interim Flows Default Schedule (cfs)**

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**Discharge (cfs)**

- March 01
- April 01
- May 01
- June 01
- July 01
- August 01
- September 01
- October 01
- November 01
- December 01
- January 01
- February 01
Recommended Flow Schedule

March 1-December 1, 2010 Interim Flow releases from Friant Dam using RO Unimpaired Inflow forecast (assumes Reclamation "April 19" forecast of 1,667 TAF. May 1 Declaration remains through the year)

- Settlement Exhibit B release for current Water Year class
- Actual or RA Recommended 2010 Interim Flow Release from Friant Dam
- Restoration Allocation Remaining after Rec’d releases

Restoration Allocation Remaining after December 1:
1,061 TAF

Number of days at maximum flow (1,000 cfs): 18 days

DMC Water Quality Operations

DMC Water Quality Operations
Reach 4 Seepage Experiment

RWA Transfer of Credits
Recapture / Recirculation

Part III Guidelines
Part III Guidelines

- Public Review Draft released
- Draft available at: www.restoresjr.net
- Comments due May 28, 2010
- Send comments to: Part3Guidelines@restoresjr.net

Part III Guidelines – Process

1. Contractors Prepare Planning Reports
2. Part III Funding Appropriated
3. Reclamation Issues FOA
4. Contractors Submit Applications
5. Reclamation Evaluates & Ranks Applications
6. Reclamation Negotiates Cost-Share Agreements with Contractors
Next Meeting

Agenda for Next Meeting

• Date & Time:
  – June 11, 2010 at 10:00am

• Tentative Agenda:
  – Recovered Water Account
  – Interim Flow Releases and Recapture
  – MC/FKC Feasibility Studies
  – Part III Guidelines
Public Comment