Water Management
Technical Feedback Meeting

April 15, 2011
Fresno, CA

Agenda Overview

• Water Supply Briefing
• Interim Flow Releases and Accounting
• Restoration Flow Guidelines
• Recapture and Recirculation
• Friant-Kern and Madera Canal Capacity Restoration Project
• Friant-Kern Canal Pump-Back Project
• Next Meeting Date
Comments on Meeting Notes

Water Supply Briefing
SCCAO
Interim Flow Releases and Accounting

Restoration Administrator Recommendation

Flow Rate (cfs)

RA Friant (cfs)

RA GRF (cfs)
Interim Flow Operation Criteria

- Flood management determines releases
- No Recapture at Mendota Pool
- King’s River flood releases control below Sack Dam

Recent Flows

<table>
<thead>
<tr>
<th>Flow Rate (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJF</td>
</tr>
<tr>
<td>DNB</td>
</tr>
<tr>
<td>GRF</td>
</tr>
<tr>
<td>SJB</td>
</tr>
<tr>
<td>JBP</td>
</tr>
<tr>
<td>CTK</td>
</tr>
<tr>
<td>LDC</td>
</tr>
<tr>
<td>SJN</td>
</tr>
</tbody>
</table>

Legend:
- SJF
- DNB
- GRF
- SJB
- JBP
- CTK
- LDC
- SJN
RECOVERED WATER ACCOUNT

Terminology

• SJRRP Releases
• Increases in the Recovered Water Account Balances, “RWA water credits”
• Water delivered under 16(b) provisions, “16(b) Water”
• Recaptured Water available in SOD facilities for delivery to Friant districts
• Recirculated Water delivered to Friant Districts
Recovered Water Account

• Long-Term Methodology
  – Policy Meeting May 3rd
  – Restoration Flow Guidelines Consultation

• Interim Methodology
  – Class 1: ~100 TAF
  – Class 2: ~360 TAF

RWA Operating Procedures

• Developing a Standard Operating Procedures/Workflow
  – Roles and Responsibilities
  – Deliverables
  – Steps
  – Templates for use by Reclamation and contractors
RWA Operating Procedures Flow

- RWA Water Credit Determination
- Notification of RWA Water Credit
- Annual Report
- Financial
- SOCAO Tracks Balances
- Contractors Submit Transfers/Exchanges
- Contractors Submit Usage
- Notification of 16(b) Water

RWA Database

- **Purpose:**
  - Improve accuracy and availability of data
- **Key Features:**
  - Input for RWA credit.
  - Input for usage, transfer, or exchange.
  - Summary page – for posting on SJRRP website
RWA Database

- Presentation on RWA Database

Restoration Flow Guidelines
RFG Timeline

2011 Draft  Mar. 1

2012 Development  June 2011

- RWA
- 13.(c) – Unexpected Seepage Losses
- 13.(i) – Unreleased Restoration Flows

Recapture / Recirculation
Recapture and Recirculation Plan

- Westside Allocation
  - Continue to analyze internally

- Plan Funding
  1. Identify costs
  2. Determine responsibility for payment of costs
2011 Recapture and Recirculation

- Draft EA and FONSI
  - Received comments from:
    - SLDMWA
    - SJRECWA
    - AEWSD
    - Pacific Advocates
- Developing options for up to 75 TAF
  - 50 TAF likely
- Reclamation met with Friant Districts to Develop Options
- DWR Wheeling Agreement

Recirculation Options

- East-West Transfers or Exchanges
- SOD Exchange for Non-Project Supply
- Direct Delivery
- Sale of Water
FRIANT-KERN & MADERA CANALS CAPACITY RESTORATION PROJECT

Project Update

• Separating FKC and MC Feasibility Studies
• Environmental Site Visit
• Feasibility Cost Estimate
• Schedule
Separating Feasibility Studies

- Differing issues with FKC and MC
  - Earthen vs. Concrete
  - Seepage
  - Canal Geometry
  - Bank

Madera Canal Restoration Options

Figure 1

Figure 2
FKC - Schedule

- Feasibility Quantities: March 15
- Designs, & Cost Estimates: April 8
- Draft Feasibility Report & EA: May
- Feasibility Report & EA: June/July

MC - Schedule

- Draft Scope of Work: April 15
- Kick-off Meeting: May
- Finalize Scope of Work: Late-May
- Investigations: June/July
Friant-Kern Canal Reverse Flow Pump-Back Facilities Project

Reverse Pump Feasibility Study

• Evaluating configurations
Schedule

- Develop Alternatives: May
- Draft Designs: June
- Feasibility Cost Estimate: July
- Draft Feasibility Report & EA: Aug/Sep

Public Comment / Next Meetings
Next Meetings

<table>
<thead>
<tr>
<th>Day</th>
<th>FWA Advisory Committee Meeting in Visalia</th>
<th>SJRRP WM Technical Feedback Meeting in Fresno</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday</td>
<td>April 8</td>
<td>April 15</td>
</tr>
<tr>
<td>Friday</td>
<td>May 6</td>
<td></td>
</tr>
<tr>
<td>Friday</td>
<td>June 10</td>
<td>June 17</td>
</tr>
<tr>
<td>Friday</td>
<td>July 8</td>
<td></td>
</tr>
<tr>
<td>Friday</td>
<td>August 5</td>
<td></td>
</tr>
<tr>
<td>Friday</td>
<td>September 9</td>
<td>September 16</td>
</tr>
<tr>
<td>Friday</td>
<td>September 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>November 18</td>
</tr>
</tbody>
</table>