Water Management Technical Feedback Meeting

May 8, 2009
Visalia, CA

Agenda

• Restoration Flow Guidelines & Residuals
• Comments on Mediation
• Recapture & Recirculation Update
• Recovered Water Account
• Public Comment
RFG Residuals

- Potential Management of Residuals
  - Final Allocation Adjustment
  - RA Allocation to carryover
  - RA Allocation to Class 1/Class 2 contract
  - RA designates water to Friant/NRDC banking program

Residual Case Studies

- Formulation
  - Aggressive Fish Behavior → Force a Decision
  - Paired with Worst Case Hydrology/Forecasts
- Direction to Fisheries Decision-Makers
  - Monthly walk-through
  - Net-zero goal for end of year residuals, to extent that water benefited fisheries goals
- Conclusions
  - 19 TAF over-release was largest residual
  - No under-releases were found
Mediation Overview

- Reclamation requested, from Friant:
  - Allocation of impacts among Friant Districts; and
  - Prioritization of potential groundwater projects.
- Mediation included additional comments on:
  - Delivery of RWA water; and
  - Delivery of Recapture & Recirculation water.

Allocation of Impacts

- Friant Recommendation is that total impacts be allocated among Friant Districts proportional to existing contract supplies.
Prioritization of Groundwater Projects

• What is the suggested Reclamation action upon receipt of a Part III proposal?

• How do we balance the timing of available funding and receipt of a Part III proposal?

• The Legislation requires Part III proposals to demonstrate how the Federal cost-share of a project mitigates Reductions in Water Supply.

Allocation of Mitigation Resources

• RWA accounting procedures will be described in the Restoration Flow Guidelines document

• Recapture & Recirculation water will be developed through agreements with third parties

• RWA water will likely include the same provisions as 215 for banking, storing, and transferring.

• The availability and timing of recaptured water will depend on the agreements with 3rd parties.
Recapture and Recirculation

- **Technical Evaluations**
- Friant to Contact 3rd Parties
- Reclamation to Initiate Meeting on Agreements
- Outcomes

Recapture Water Mediation

Comments

- The availability and timing of recapture water will depend on the agreements with 3rd parties.
- Proposals that require a long-term funding obligation from Reclamation require an identified source.
### Recovered Water Account Mediation

**Comments**

- Delivery of RWA water will generally mirror the 215 process.
- Delivering water in excess of accrued credits will require a legal opinion.
- No penalty for inability to take RWA water.
- Credits do not accrue during flood control periods, but will include reductions in 215 supplies.

### Calculation of RWA

**Calculation Method**

- (1:1) for (release:credit) except in flood periods, with end of year True-Up using modeling

**Comparison during True-Up**

- Pre-Restoration (Back-Casting model)
- Post-Restoration (actual, with manual adjustments for 16(a/b) deliveries)
### Information Needed for True-Up

<table>
<thead>
<tr>
<th>Pre-Restoration Canal Deliveries</th>
<th>Post-Restoration Canal Deliveries</th>
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<tbody>
<tr>
<td>• Portion of 215 supplies delivered to Friant</td>
<td>• Start with measured canal deliveries</td>
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<tr>
<td>▪ Long term average</td>
<td>▪ Re-create Friant delivery patterns, district by district, without 16(a)</td>
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<tr>
<td>▪ Calculated on year by year basis</td>
<td>▪ Re-create Friant delivery patterns, district by district, without 16(b)</td>
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<tr>
<td>• Presumed demand patterns come from Litigation modeling</td>
<td>• Match demand patterns with Pre-Restoration Conditions</td>
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### Public Comment
Next Meeting

- Date: June 5th 2009
- Proposed Agenda
  - Capacity Correction Study
  - Progress on Recapture & Recirculation