

SAN JOAQUIN RIVER
RESTORATION PROGRAM



Water Management Technical Feedback Meeting


May 8, 2009
Visalia, CA

SAN JOAQUIN RIVER
RESTORATION PROGRAM



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**

<p>Pre-Restoration Canal Deliveries</p> <ul style="list-style-type: none">• Portion of 215 supplies delivered to Friant<ul style="list-style-type: none">– Long term average– Calculated on year by year basis • Presumed demand patterns come from Litigation modeling	<p>Post-Restoration Canal Deliveries</p> <ul style="list-style-type: none">• Start with measured canal deliveries<ul style="list-style-type: none">– Re-create Friant delivery patterns, district by district, without 16(a)– Re-create Friant delivery patterns, district by district, without 16(b) • Match demand patterns with Pre-Restoration Conditions
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 **Public Comment**



Next Meeting

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