

SAN JOAQUIN RIVER  
RESTORATION PROGRAM



# Water Management Technical Feedback Meeting

March 5, 2010  
Fresno, CA


SAN JOAQUIN RIVER  
RESTORATION PROGRAM



## Agenda Overview

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- Comments on Meeting Notes
- Discussion of Proposed Implementation Agreement of the Friant Settlement
- MC/FKC Capacity Correction / Reverse Flow Feasibility Studies
- Interim Flow Releases
- Restoration Flow Guidelines
- Determine Next Meeting Date & Time
- Public Comment




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**Comments on Meeting Notes**




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**Proposed Implementation  
Agreement of the Friant  
Settlement**



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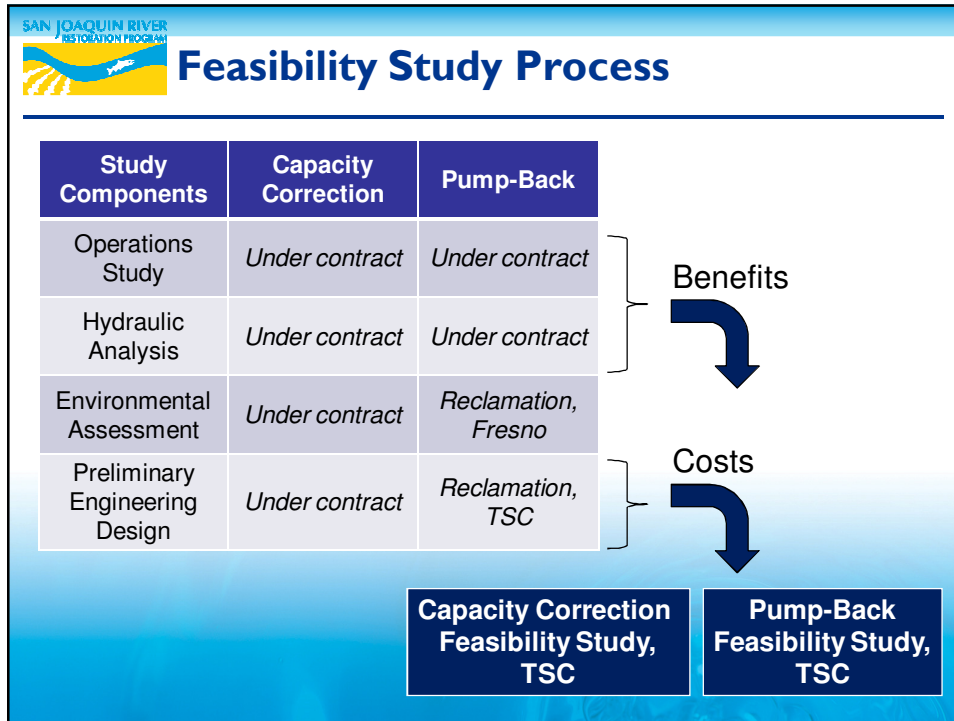
## **Madera & Friant-Kern Canals Capacity Correction Assessment & Friant-Kern Canal Reverse Flow Feasibility Studies**




### **Federal Planning Process**

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- Legislation requires feasibility process
- Feasibility based on Principles & Guidelines
- P&G requires National Economic Development evaluation
- This feasibility study will include effects on Friant districts




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- ## Feasibility Studies – Planning Steps
- Assumptions List – Alternatives definitions, type of feasibility assessment
  - Model Analysis Strategy TM – hydraulic and operational modeling strategy to provide project accomplishments (TAF to whom, when, for what) for use in economic benefit calculations
  - Economic Benefit Analyses – economic benefits information related to project accomplishments, in accordance with selected feasibility approach
  - Preliminary Design Reports – cost information
  - Feasibility Study




## Status of Technical Memos / Analyses

- Administrative DRAFT of Model Analysis Strategy TM is complete, was based on:
  - Comments on DRAFT List of Assumptions
  - Comments from Modeling team(s)
  - Comments from Economics team(s)
- Economic Benefit Analyses





## Preliminary Design Report – Capacity Correction Status


- Completed the initial hydraulic model capacity analysis for both the FKC and MC
  - Will conduct review meetings with FWA and MCWPA staff to confirm capacity constraints identified in model correspond with observations
- Alternatives will be refined based on meetings
  - Tables that identify the location and severity of the capacity deficiencies
  - Alternatives may include partial implementation

 **Preliminary Design Report –  
Reverse Flow Status**

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- Hydraulic capacity analysis conducted in January
- TSC Design Team began design of facilities using preliminary modeled water surface elevation data



 **White River Check**

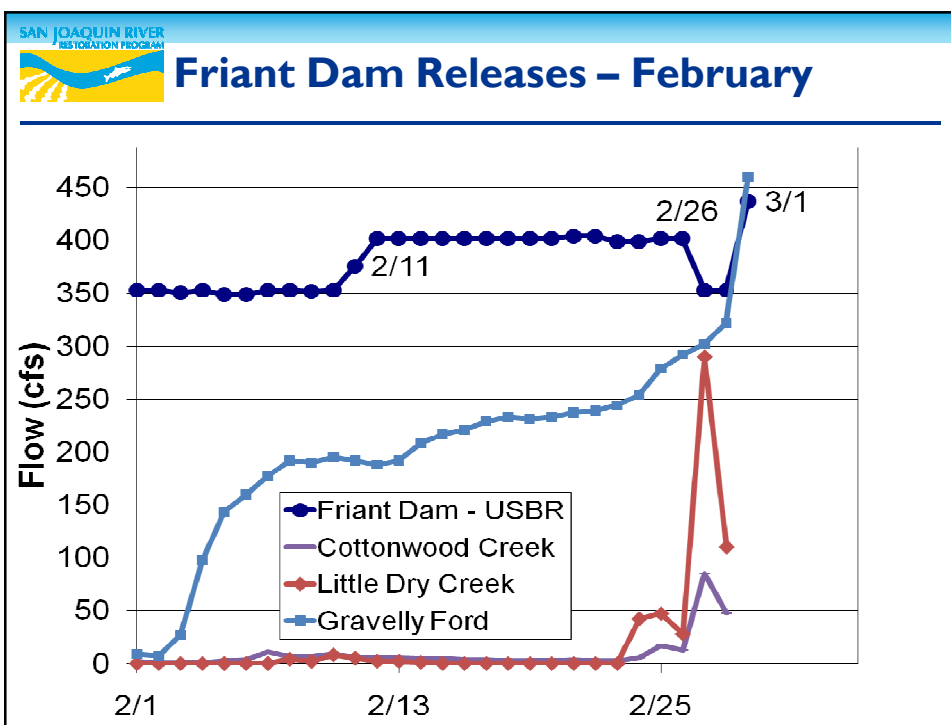
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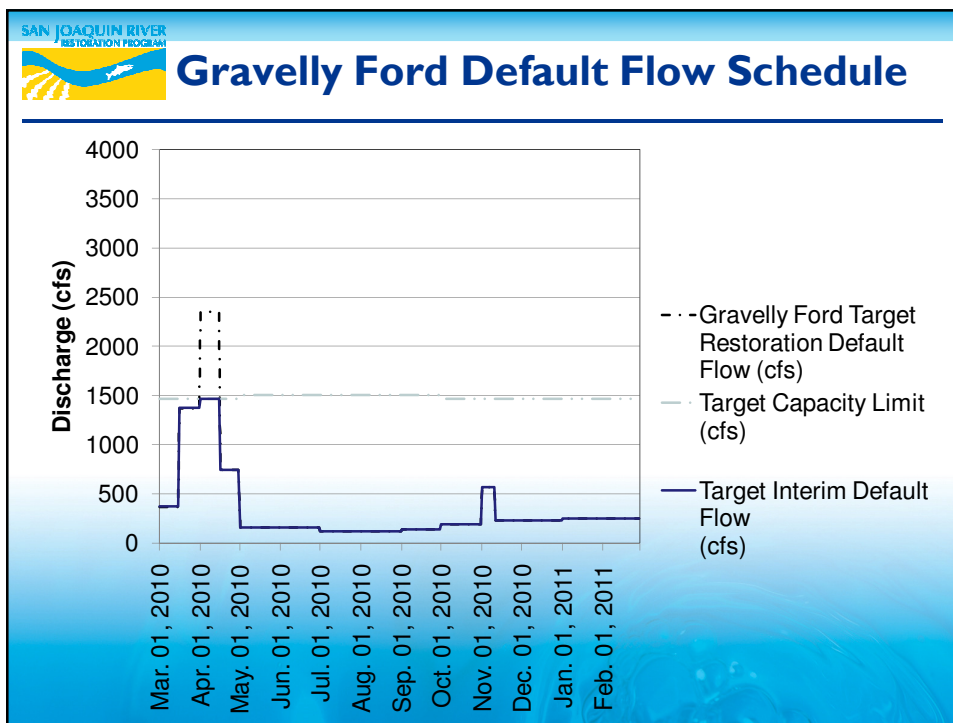
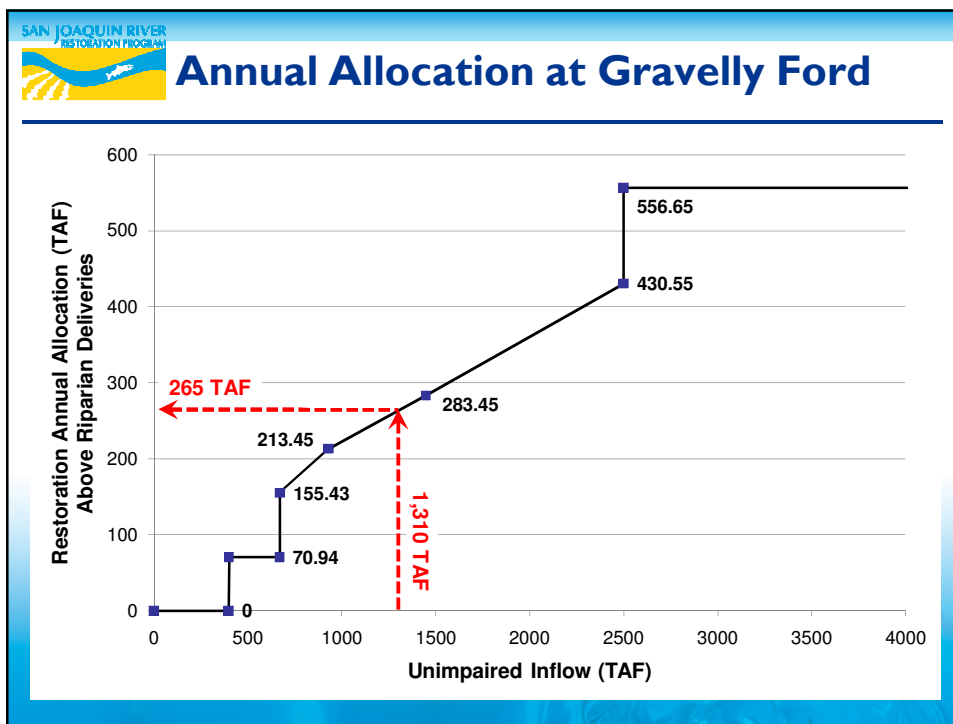
- Operational studies
- Environmental surveys
- Engineering surveys
- Feasibility report




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# Interim Flow Releases











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## Restoration Flow Guidelines




## Recovered Water Account

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- The method of calculating the RWA should consider:
  - Friant Division operational baseline (Oct 2006)
  - Millerton Lake spills
  - Millerton Lake refill opportunities






## Recovered Water Account Alternative Methods

- Apply predetermined factors to Restoration releases to account for spills
- Compare modeled (pre-Restoration) and actual canal deliveries
- Establish a predetermined lump-sum amount
- Credit all Restoration releases, but zero out account if a spill occurs or 16b/215 is delivered
- Others?



## Next Meeting



## Agenda for Next Meeting

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- Date & Time:
  - TBD
- Tentative Agenda:
  - Part III Guidelines
  - Restoration Flow Guidelines (RWA Method)
  - MC/FKC Capacity Correction / Reverse Flow Studies



## Public Comment