

SAN JOAQUIN RIVER
RESTORATION PROGRAM



Water Management Technical Feedback Meeting


January 21, 2011
Fresno, CA

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RESTORATION PROGRAM





Agenda Overview


- Comments on Meeting Notes
- Water Supply Briefing – SCCAO
- Interim Flow Releases/Accounting Update
- Restoration Flow Guidelines
- Recapture / Recirculation
- FKC/MC Capacity Restoration Project
- FKC Pump-Back Project
- Next Meeting Date



Comments on Meeting Notes

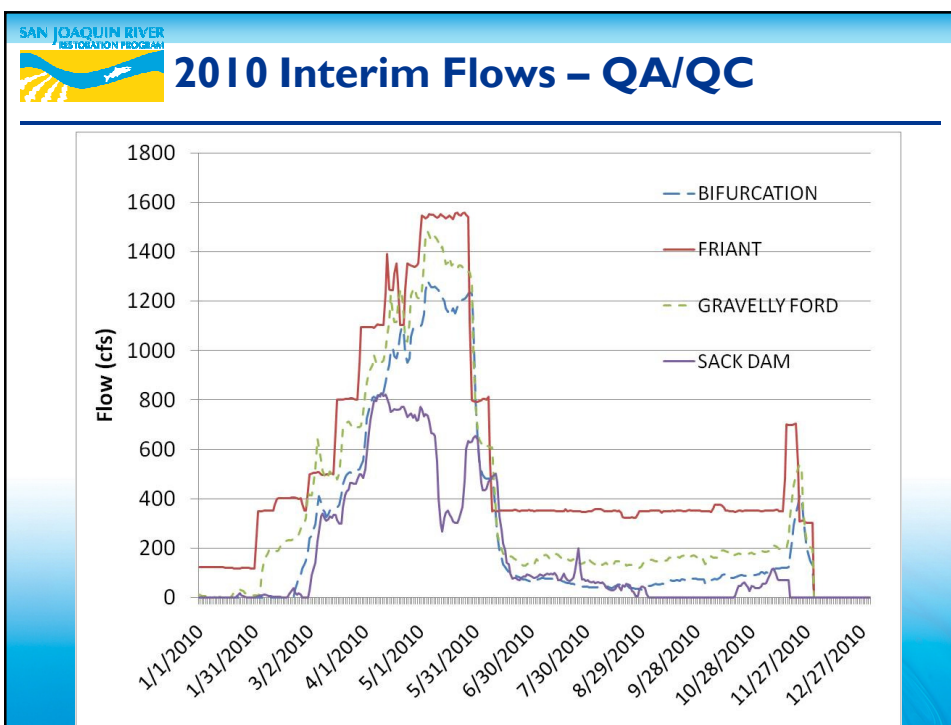



Water Supply Briefing - SCCAO



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Interim Flow Releases/ Accounting Update






2011 Interim Flows

- Releases will resume February 1st.
- Reclamation will develop a default flow schedule.
- The Restoration Administrator will recommend a flow schedule.
- Reclamation will implement acceptable flows.

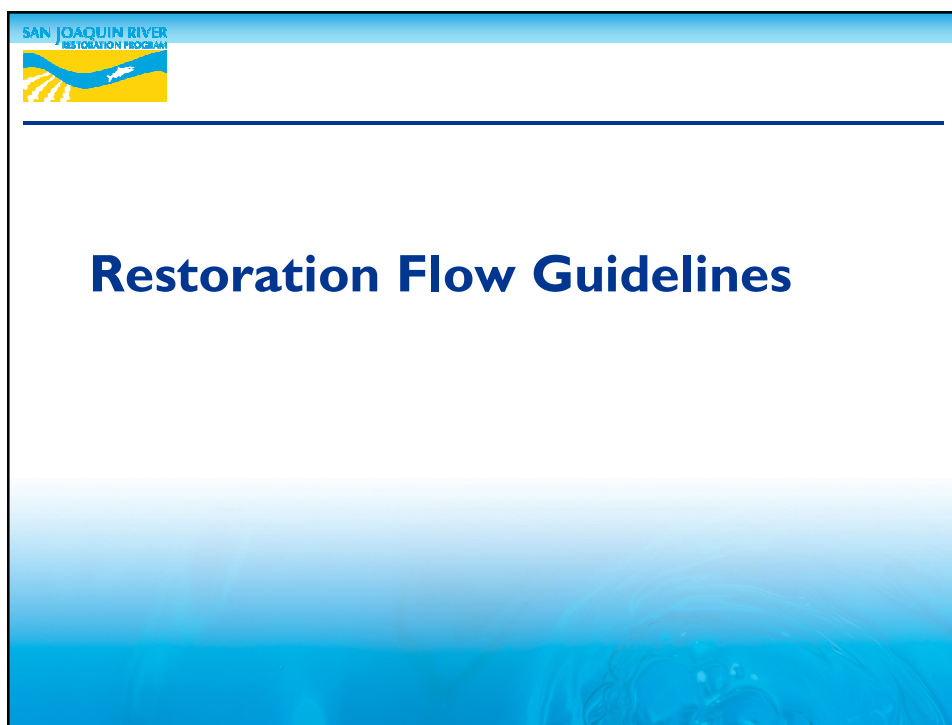


Accounting Update

- WY 2010 Account To Date
 - RWA Credits = 82,445 af
 - Recaptured Interim Flows = 51,887 af
 - Additional Class 2 deliveries made available through Recirculation = 42,174 af

 **Accounting Update**

WY 2011	Acre-Feet
2011 Class 2 Impact (Steiner)	170 TAF
Reach 2b Restrictions	-40 TAF
Reach 4b Restrictions	-30 TAF
2010 RWA Method*	-22 TAF
	78,000 TAF



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Restoration Flow Guidelines (RFG): Recent and Planned Coordination

- January 19th – RFG Language Coordination Meeting
 - 13(j)(i) – setting year type & default flow schedules
 - 13(j)(ii) – compliance at Gravelly Ford
- February 1st – Follow-up meeting to discuss remaining issues
- Final document to be published by March 1st, differences of opinion will be annotated for discussion before Restoration Year 2012

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Recapture & Recirculation Plan

RFG Meeting	Jan. 19
RFG Meeting	Feb. 1
RFG Meeting	Feb. ?
Draft 2011 RFG	Mar. 1



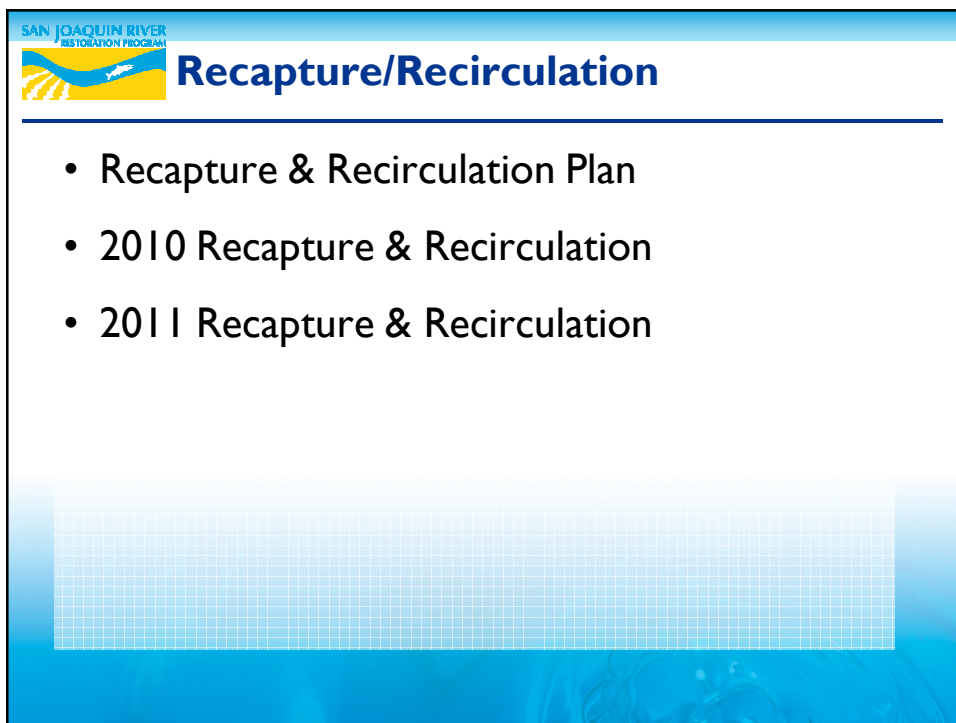
Recapture / Recirculation

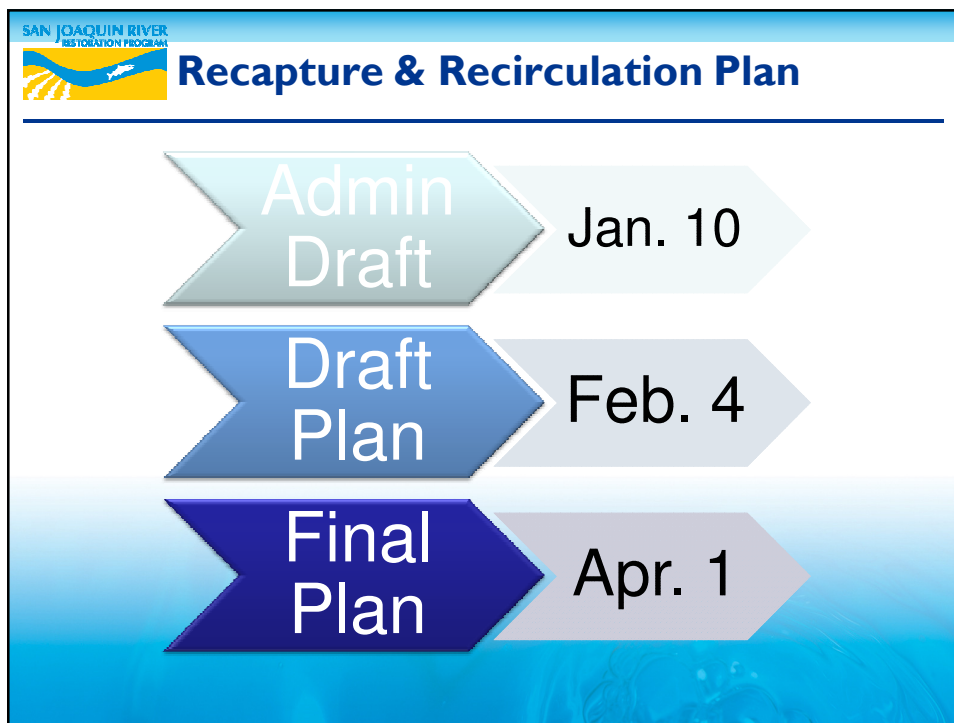
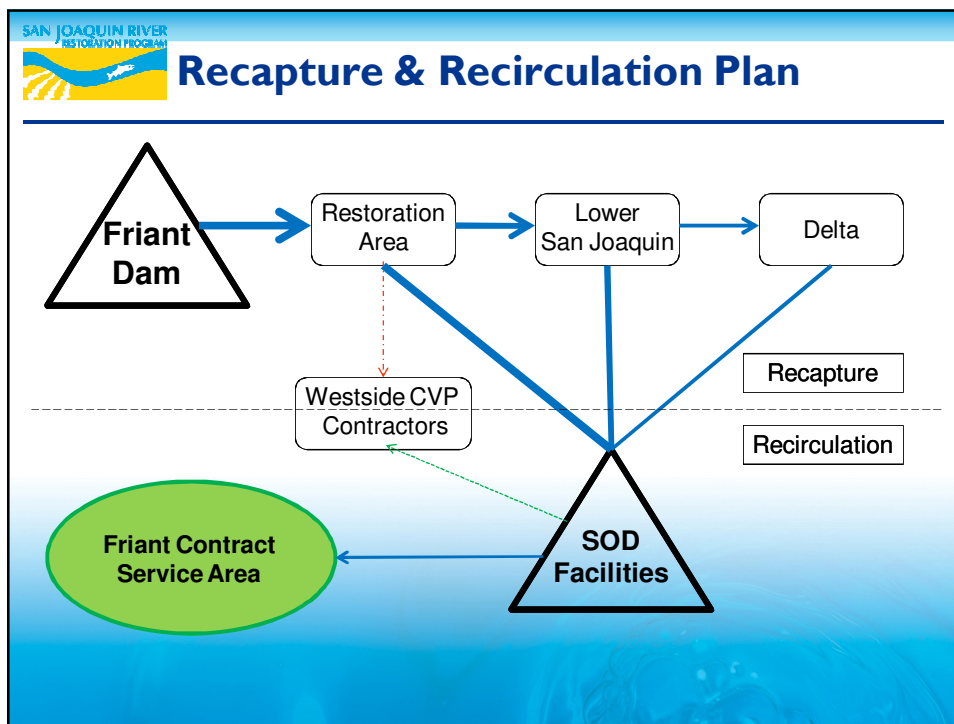
Recapture / Recirculation




Recapture/Recirculation


- Recapture & Recirculation Plan
- 2010 Recapture & Recirculation
- 2011 Recapture & Recirculation





 **2010 Recapture & Recirculation**


- Recirculation:
 - 1/7 - Requested written scenarios for 9,336 af.
 - Arvin-Edison (Lindmore ID) requested 2,235 af.
 - 7,101 af remaining.

 **Preliminary 2011 Recirculation Plan**

- Soliciting scenarios for 2011
 - Reclamation will be meeting with districts on recirculation opportunities.
 - Reclamation requests feedback on which districts to approach.
 - Reclamation will present opportunities at next WMTF.


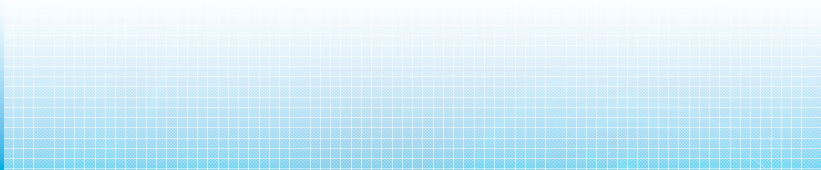


Friant-Kern & Madera Canals Capacity Restoration Project



Project Update

- Preferred Alternatives
- Feasibility Designs
- Schedule
- Aerial Surveys



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FKC Preferred Alternative

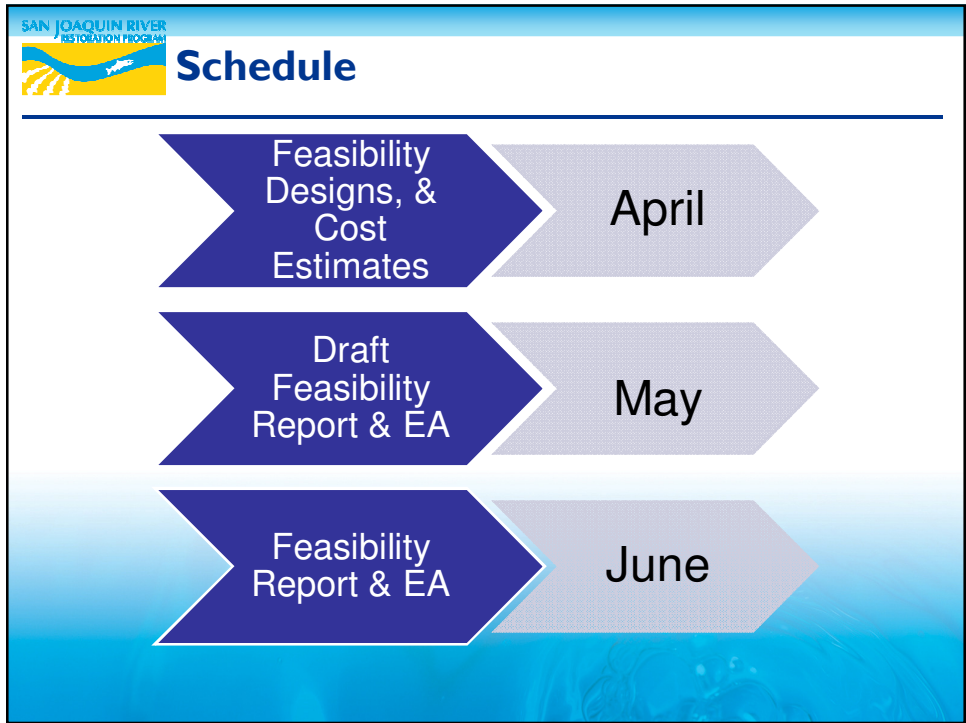
Preferred Alternative Priority		Capacity Deficiency		
		Milepost		Total Miles
		Start	End	
1	a	29.14	34.92	5.78
	b	34.92	62.00	27.08
	c	66.52	71.29	4.77
	d	71.36	88.22	16.86
2	a	88.24	95.67	7.43
	b	95.75	102.69	6.94
3	a	102.73	112.90	10.17
	b	112.94	130.04	17.10
4		130.11	137.19	7.08
5		137.20	151.80	14.60

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MC Preferred Alternative

Preferred Alternative Priority		Canal Deficiency		
		Milepost		Total Miles
		Start	End	
1	a	7.69	12.52	4.83
	b	12.60	17.67	5.07
2	a	24.27	28.00	3.73
	b	28.00	33.6	5.6
	c	33.60	35.64	2.04






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Aerial Surveys

- FKC – MP 29.1 to 88.3
- MC – MP 6.1 to 18.8

The section has a blue header with the program logo and title. Below the title is a list of two survey points. At the bottom, there are three photographs showing surveying equipment (tripods and poles) set up in various outdoor locations: a paved road, a dirt path next to a canal, and a gravel area. The background is a light blue gradient with a faint image of water ripples at the bottom.



**Friant-Kern Canal Reverse
Flow Pump-Back Facilities
Project**



Project Update

- Kick-Off Meeting
- Schedule

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Kick-Off Meeting – Project Approach

- **Constraints**
 - Benefits must equal or exceed benefits
 - Maximum cost \$17 million
 - Sizing based on projected use (Recirculation Flows)

Shafter	Poso	Wollomes
162 cfs	138 cfs	64 cfs
- **Recommendations**
 - Preference to Shafter and Poso
 - Poso and Shafter should be similar size
 - Consider economies of scale
 - Design should allow for future expansion


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Schedule

- Feasibility Designs, & Cost Estimates (April)
- Draft Feasibility Report & EA (May)
- Feasibility Report & EA (June)



Public Comment / Next Meetings



Next Meetings

2011		
Day	FWA Advisory Committee Meeting in Visalia	Proposed SJRRP WM Technical Feedback Meeting in Fresno
Friday	February 18	--
Friday	March 11	March 4
Friday	April 8	April 15
Friday	May 6	May 13
Friday	June 10	June 17
Friday	July 8	July 15