



Delta Brainstorming Workshop

January 19, 2018

Today's Purpose

To generate ideas for possible actions that would increase water supply and could be developed, analyzed, and complete NEPA and a BA by December 2018.

3-Track Approach

Track 1 - A modification to restrictions on Delta exports where updates could potentially be evaluated and a decision reached within a year. Prior work and/or limited controversy would support the schedule. (Possibly project-specific EA)

Track 2 - A programmatic Environmental Impact Statement (EIS) that analyzes maximizing water deliveries and marketable power through: new storage facilities, conveyance, modifications to existing facilities, changes to regulations, and/or addressing other stressors. The recent NOI applies to this Track 2 effort.

Track 3 –Project-specific EIS(s) to support re-operation of the CVP and SWP, new or modified infrastructure, habitat restoration, other stressors, and/or regulatory changes.

3-Track Approach, in short

Track 1 – Modifications to improve water supply.

- Complete NEPA document and BA in 1 year.

Track 2 – High level programmatic document to identify future opportunities for water supply and power marketability, set coordination and adaptive management approach.

- Complete EIS and BA in 18 months.

Track 3 – Completes the ROC on LTO with a project-specific EIS, may include other project-specific EISs

Idea Generation

Track 1 – Technical Delta Brainstorming Workshop today

Track 2 – Notice of Intent issued December 29, 2017 applies to this. 3 public scoping meetings will be held:

- January 23 from 2-4pm at 650 Capitol Mall, Sacramento
- January 24 from 6-8pm at Los Banos Community Center
- January 25 from 6-8pm at Bell Memorial Union at CSU Chico

Track 3 – Ongoing set of brainstorming sessions will inform this track (i.e. American River Workshop held on November 21, 2017).

DRAFT Outreach – Track 1

- **January 19: Brainstorming Workshop to determine actions**
- **April: Workshop on Alternatives**
- **June: Workshop on Biology Analysis**
- **August: Workshop for input on Sections of the NEPA document**
- **October: Workshop on your comments on the draft NEPA document**

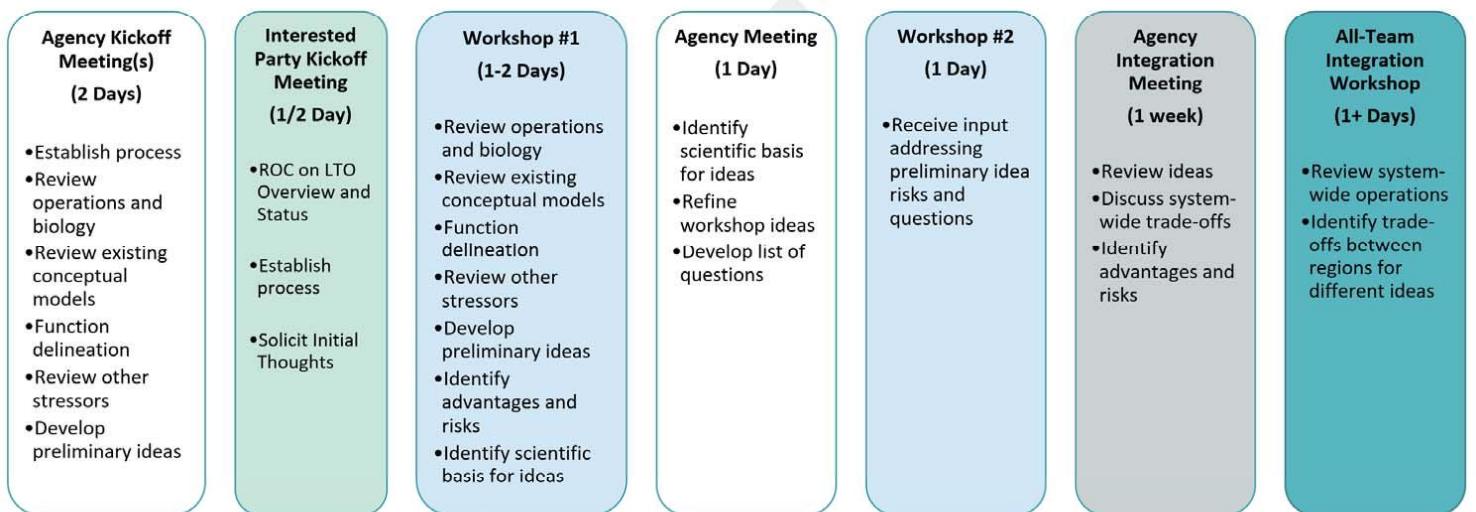
DRAFT Outreach– Track 2

- **January 23-25: Scoping Meetings**
- **February: Workshop on actions**
- **May/June: Workshop on alternatives**
- **October: Workshop for input on sections of the Draft NEPA document**
- **December: Public Hearing on Draft EIS**
- **March 2019: Workshop on your comments on the Draft EIS**

Track 3 Brainstorm Process

OVERVIEW OF PRE-NEPA BRAINSTORM PROCESS

COLOR KEY	PARTICIPANTS
	Each interested party group
	All track-specific interested parties, including agency representatives
	All track-specific agency representatives
	Agency representatives from all tracks
	All interested parties from all tracks



THE ABOVE DIAGRAM IS A CHRONOLOGICAL PROCESS PROPOSAL FOR EACH OF THE BELOW IDENTIFIED FIVE (5) TECHNICAL WORKGROUP TRACKS. THE OBJECTIVE OF THIS PROCESS IS TO PROVIDE A FOUNDATION OF SUCCESS FOR SUBSEQUENT NATIONAL ENVIRONMENTAL POLICY ACT ALTERNATIVES DEVELOPMENT.

DRAFT Outreach – Track 3

- **April: American River Workshop #2**
- **April: Sacramento/Trinity/ClearCreek Workshop #1**
- **May: Delta Workshop #1**
- **June: Integration Workshop #1**
- **July: Sacramento/Trinity/ClearCreek Workshop #2 and Delta Workshop #2**
- **July: Integration Workshop #2**
- **August: Integration Workshop #3**

Track 1 Brainstorming Scope Assumptions

Focus on Delta

- **May include ideas for other areas as long as they can be developed, analyzed, and documented in NEPA and a BA in 1 year.**

Idea Generation Approach

- Reclamation must balance a variety of interests
- You represent some of this variety of interests
- We can generate better ideas working with you than just working on our own
- Hearing others' ideas may help generate your own
- You may be able to improve upon others' ideas or minimize risks by brainstorming together

Idea Generation Approach

- **Structured**
- **Maximize use of time**
- **Use existing information – do not reinvent the wheel**
- **Increase operational flexibility by tying requirements to fish needs and identifying a variety of actions to meet that fish need (function)**

Idea Generation Approach

- 1) Background Information – Operations and Biology Presentations**
- 2) Review existing functions chart for possible issues and ideas**
- 3) Identify your major issues for brainstorming solutions –where should we focus our time?**
- 4) Brainstorm solutions to issues in small groups and/or pairs**
- 5) Discuss possible idea refinements to minimize risks**

Functions Example



Purpose	Sub-Component 1	Sub-Component 2	Sub-Component 3
Fish and Wildlife	Increase Abundance	Increase spawning habitat	Cool temperatures
			Release channel maintenance flows
			Add gravel
			Increase fish privacy during spawning
			Reduce redd dewatering
			Reduce migration barriers
			Avoid scouring flood peaks
			Release sufficient base flows
		Increase rearing habitat	Warm temperatures
			Excavate floodplains
			Place Large Woody Debris
			Place cobbles
			Increase flow variability
			Increase thermal diversity
			Increase food web diversity
			Reduce migration barriers
			Avoid scouring flood peaks
			Release sufficient base flows