



# Working Draft Conservation Measure 2

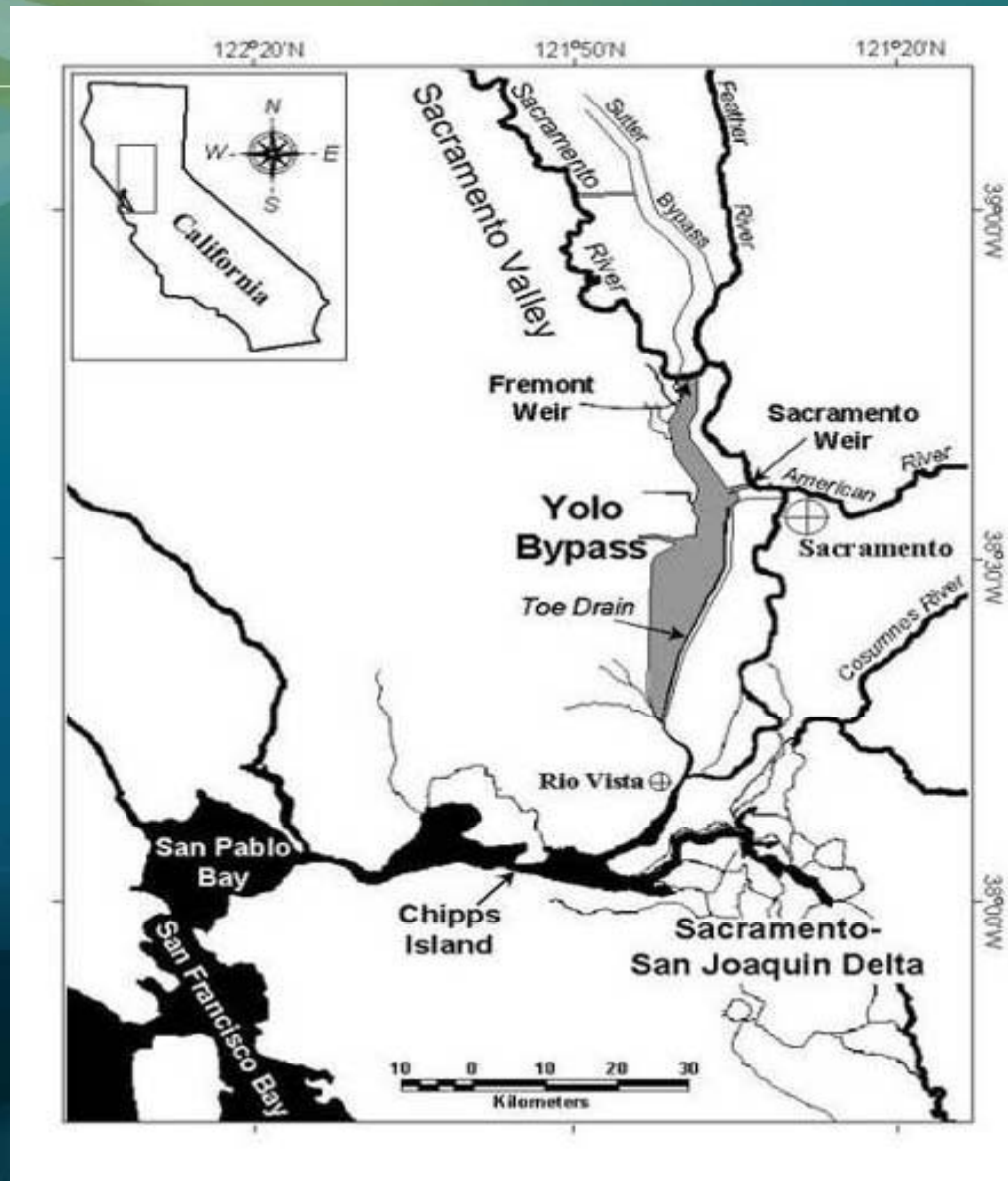
Presentation to BDCP Yolo Bypass  
Fishery Enhancement Planning Team

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June 10, 2011

# BDCP

BAY DELTA CONSERVATION PLAN



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Continue Existing Uses  
&  
Improve conditions for fish

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# Conservation Measure Language

- Working Draft
- Reflects some but not all changes discussed
- For Discussion; not agreed-upon
- Highlights & Discussion Items

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- Purpose
- Flood Management compatibility essential
- Preserve Multiple uses
- Opportunities for Input
- Role of Yolo Bypass Fishery Enhancement Plan (YBFEP)

## Draft CM2 Language: Purpose

- Improve upstream and downstream fish passage
- Reduce straying and stranding of native fish
- Increase availability of floodplain fish rearing and spawning habitat
- Stimulate the food web in the Yolo Bypass
- Potentially export food web to the Delta

- Working Draft BDCP CM2, p.1

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## Draft CM2 Language: Flood Control and other uses

- “Ensure compatibility with the flood control functions of the Yolo Bypass”
- “Strive to achieve...a sustainable balance between important uses of the Yolo Bypass...”

- Working Draft BDCP CM2, p.1

## Draft CM2 Language: Opportunities for Input

“The BDCP Implementing Entity will develop a public outreach strategy before the YBFEP process starts, which will establish a timeline and identify opportunities for stakeholder involvement, including a process by which stakeholder comments will be addressed in - or rejected from - the YBFEP.”

- Working Draft BDCP CM2, p.1-2

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## Draft CM2 Language: Action selection or rejection

“If the YBFEP evaluation does not support implementation of one or more of the actions, because the action would not be effective, is not needed because of the effectiveness of the other actions, would not be permissible by flood jurisdictions, or for other reasons... The action will not be implemented.”

- Working Draft BDCP CM2, p.2

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## Draft CM2 Language: YBFEP Role

“However, the YBFEP will identify for implementation specific actions which can optimize the biological benefits while minimizing impacts on other land uses, and which taken together are sufficient to achieve the biological objectives in the YBFEP.”

- Working Draft BDCP CM2, p.2

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# Highlights : Main Discussion Areas

- Goals for significantly increased floodplain fish rearing habitat
  - How Much?
  - When?
  - How Often?
  - How and Where, exactly?
- Could some new ideas achieve or help achieve goals?
- How soon?

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# Draft CM2 Language: How Much?

- “...significantly increased acreage”
  - Working Draft BDCP CM2, p.4

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- “...biologically appropriate durations...” \*
- Working Draft BDCP CM2, p.4
- “...the period of December 1 through March 31 (with occasional extension to May 15, depending on hydrologic conditions and measures to minimize land use and ecological conflicts) at the reduced weir elevation of 17.5 feet was considered.”
- Working Draft BDCP CM2, p.5

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## Draft CM2 Language: How Often?

- “... a return rate of one to three years, depending on water year type.”
  - Working Draft BDCP CM2, p.4
- “Under existing conditions the Fremont Weir is overtopped and spills into the Yolo Bypass in about 70 percent of years. The proposed notch and gates could increase that frequency to about 75 to 95 percent of years.”
  - Working Draft BDCP CM2, p.5

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# Draft CM2 Language: How and Where?

How and Where? To Be Determined.

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# Draft CM2 Language: How Much? How and Where?

- Informed by modeling
- Influenced by availability of willing-owner lands

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# Draft CM2 Language: New Ideas?

- Westside Concept(s)
  - Different or additional source & flow routing
  - Improve water supply for Yolo Bypass Wildlife Area
- Other ideas
- Hybrid ideas

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## Draft CM2 Language: Operating criteria

“The YBFEP will include criteria to guide decisions related to...

1. when flooding should occur in years the Fremont Weir does not overtop
2. how long flooding should occur when Fremont Weir does not overtop; and
3. how long events should be extended during years the Fremont Weir does overtop.”

– Working Draft BDCP CM2, p.5

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## Draft CM2 Language: How and Where?

“Based on new [modeling] work [and] refinement of biological objectives, the YBFEP will develop inundation targets designed to optimize the biological benefits while minimizing adverse impacts to other uses of the Bypass.”

- Working Draft BDCP CM2, p.5

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## Draft CM2 Language: How soon?

“Work on the Yolo Bypass Fishery Enhancement Plan will start in 2011 and will be completed within 6 months of approval of BDCP.”

- Working Draft BDCP CM2, p.9

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# Discussion