

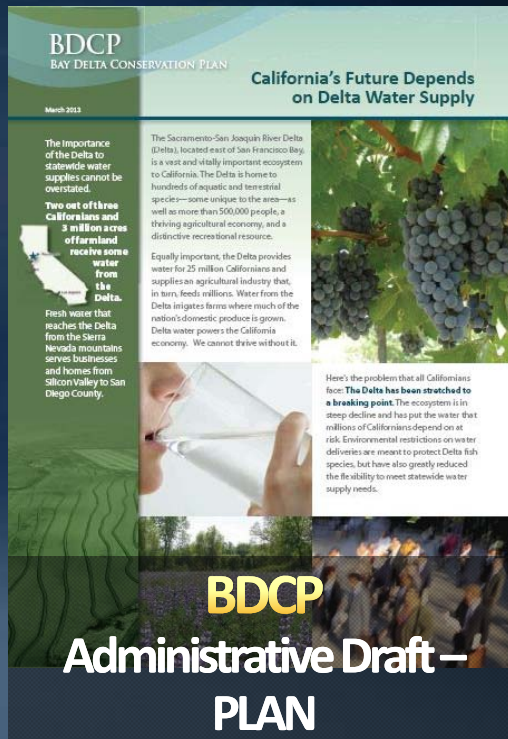


Update on Administrative Draft Bay Delta Conservation Plan

Special Committee on Bay-Delta
Item 3a
June 25, 2013

Presentation Overview

- Overview Admin Draft Plan and EIR/S
- Review Administrative Draft Plan
 - Chapter 8 (Costs and Funding)
 - Chapter 9 (Alternatives to Take)
 - Chapter 10 (Role of Independent Science)
 - *Chapter 11 (List of Preparers)*
 - *Chapter 12 (Glossary)*
- BDCP Schedule



- Admin Draft Plan ~ 8,000 pages
- Chapters released Mar – May
- Public Workshops (Mar, Apr & Jul)
- Describes and analyzes proposed conservation plan for take permits under federal ESA and state NCCPA

- Admin Draft EIR/S ~ 17,000 pages
- Chapters released in May
- No Public Workshops scheduled
- Analyzes environmental effects of proposed plan for compliance with state and federal environmental review laws (CEQA/NEPA)

BDCP Administrative Draft

Chapter 8 – Costs and Funding Sources

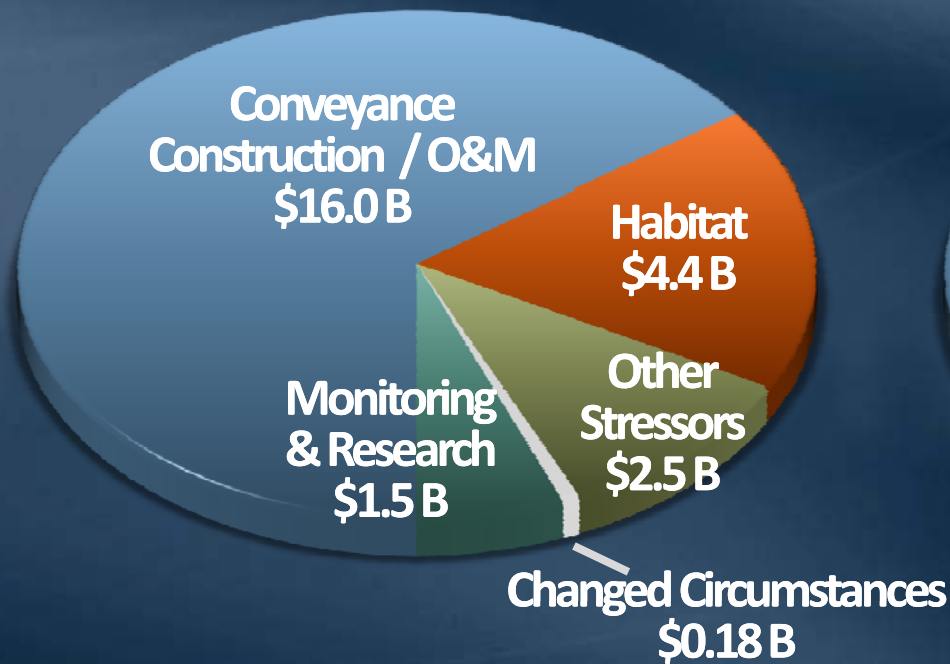
- Purpose
 - Analysis of costs and funding sources
- Cost Analysis
 - Conveyance
 - Habitat restoration and protection
 - Other Stressors
- Funding Sources
 - Federal, State, and Water Contractors

BDCP Administrative Draft

Chapter 8 – Costs and Funding Sources

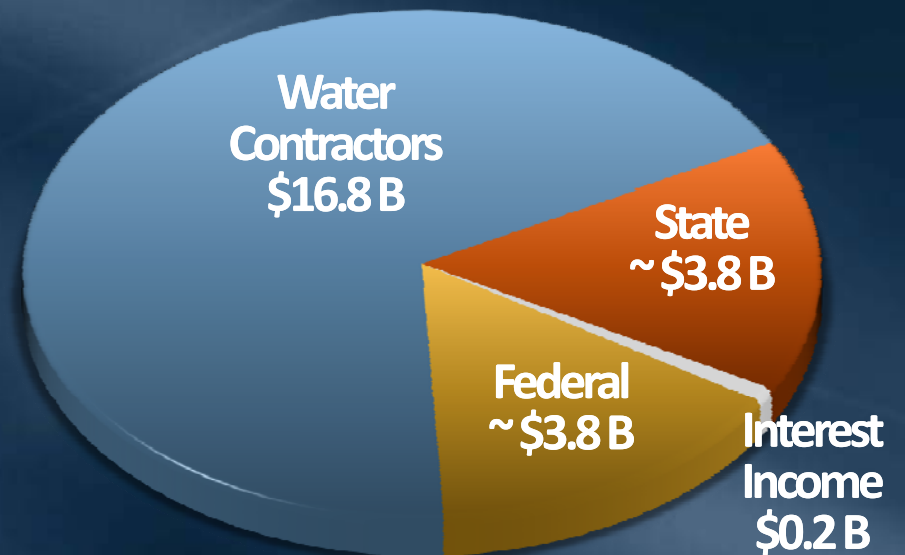
Cost Categories

Capital (\$19.8 B) + O&M (\$4.8 B)



Funding Sources

Capital (\$19.8 B) + O&M (\$4.8 B)



BDCP Administrative Draft

Chapter 8 – Costs and Funding Sources

Water Contractor Cost Share			
Summary	Capital	O&M	% Share
Water Facilities, Land, Operations	\$14,509	\$1,456	100%
Natural Community Protection & Restoration	\$367	\$47	14%
Other Stressors Conservation	\$109	\$89	15%
Monitoring, Research, Plan Admin, Other Costs	\$33	\$291	21%
NEW COSTS (CONVEYANCE)	\$14,509	\$1,456	
NEW COSTS (MITIGATION)	\$278	\$425	
EXISTING COSTS (BIO OP/RESEARCH)	~ \$231	~\$2	
TOTAL	\$15 billion	\$1.9 billion	

*Information from Administrative Draft BDCP Chapter 8; O&M over a 50 year period; Costs in millions
MWD's cost share estimated at approximately 25% of total capital & operating/maintenance*

BDCP Administrative Draft

Chapter 9 – Alternatives to Take (of Covered Species)

- Purpose
 - Federal ESA requires analysis of alternatives (avoid or reduce “take” of covered species)
 - Describes take alternatives
 - Tool for selecting proposed project
- Analysis evaluated
 - Reduction in take/incidental take of covered species
 - Proposed range of flow (High & Low flow scenario)
 - Consistency with BDCP goals
 - Practicability of alternative - economic, logistic, technology
 - Additional adverse/unavoidable effects

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Chapter 9 – Alternatives to Take (of Covered Species)

Yes
No
No Change

Reduce Take?
 Increases Benefit?
 Consistent with Conservation
 Contractor Exceed Costs?
 Logistically Feasible?
 Technically Feasible?
 No added unavoidable effects?

BDCP Proposed Plan Tunnel 9,000 cfs		NA	NA					
Alternatives	West Canal 15,000 cfs	Red	Grey	Green	Green	Green	Green	Red
	Tunnels 6,000 cfs	Red	Grey	Green	Green	Green	Green	Green
	Tunnels 15,000 cfs	Red	Grey	Green	Green	Green	Green	Green
	Tunnels 3,000 cfs	Red	Red	Red	Red	Green	Green	Green
	Isolated 15,000 cfs	Red	Grey	Green	Red	Green	Green	Red
	Through Delta	Red	Grey	Green	Green	Green	Red	Red
	Less Restoration	Green	Red	Red	Green	Green	Green	Red
	More Restoration	Red	Green	Green	Green	Red	Green	Red
	More Spring flow	Green	Red	Red	Red	Green	Green	Red

Take alternatives fail if answer is "No" (RED) to one or more questions

BDCP Administrative Draft

Chapter 9 – Economic Benefit Analysis

- Criteria for Economic Benefit Analysis
 - Benefits
 - Water supply reliability
 - Water quality improvements
 - Reduced seismic risk
 - Costs
 - Term through 2075
- Detailed information
 - BDCP website

BDCP Administrative Draft

Chapter 10 – Integration of Independent Science Review

- BDCP Development
 - Provide scientific advice during planning process
 - Six Independent Science Advisory Panels
 - 52 experts reviewed draft conservation measures
- BDCP Proposed Science Program
 - BDCP Science Manager
 - Adaptive Management Program
 - Coordination with regulatory agencies
 - Continued independent science reviews

BDCP Administrative Draft

Summary – Project Analysis

- Balancing Diverse Considerations under ESA
 - Conservation Plan goals
 - Levels of take for covered species
 - Economics (Water Supply Reliability, Water Quality Improvements, and Reduced Seismic Risk)
 - Practicability

Bay Delta Conservation Plan Schedule

July 17	Public Workshop on Administrative Draft BDCP Chapters 8-12
October 1	Public Draft BDCP and EIR/EIS Release
Spring 2014	Final BDCP and EIR/EIS

The Delta

Sacramento

Suisun Bay

Stockton

State & Federal
Pumping Plants

California's Bay-Delta

