



**Agenda Item 9
Attachment 2**



Delta Flood ER - Facility Improvement Project

Delta Stewardship Council
10/24/2013

Flood Operations Branch
Hydrology and Flood Operations
Division of Flood Management
California Department of Water Resources

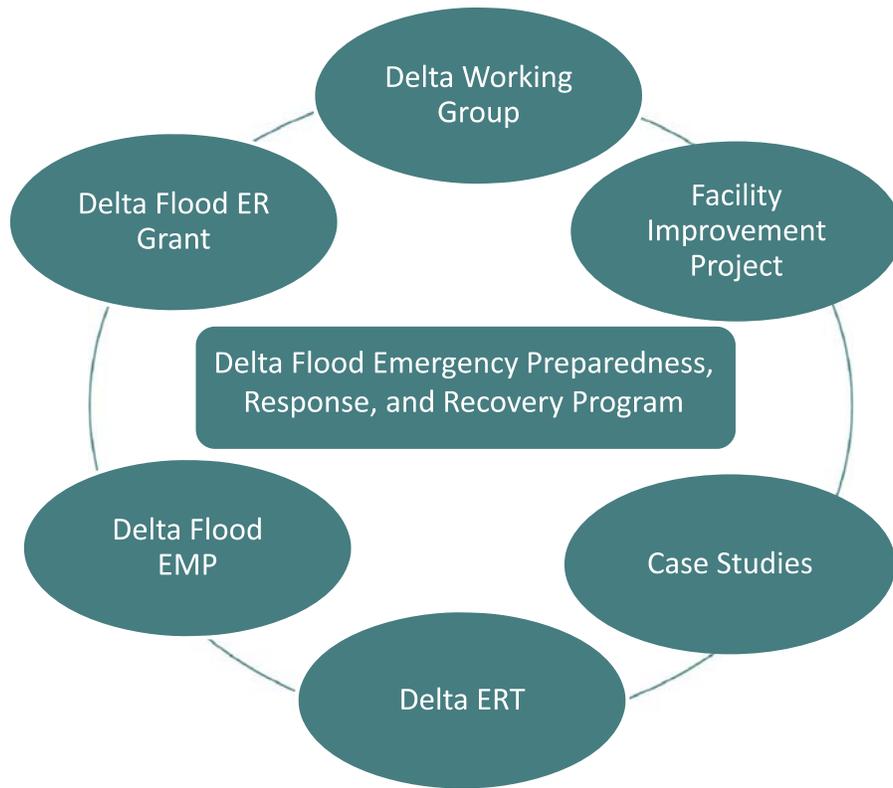


PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

DFEPRRP Components



Delta Plan Policies & Recommendations

RR R1. Implement Emergency Preparedness and Response

Implement the recommendations of the Sacramento-San Joaquin Delta Multi- Hazard Coordination Task Force.

DWR should expand its emergency stockpiles to make them regional in nature and usable by a large number of agencies and consider creating stored material sites by “over-reinforcing” west Delta levees .

Local levee-maintaining agencies should consider developing their own emergency action plans, and stockpiling rock and flood fighting materials.

Agencies should prepare coordinated emergency response plans to protect the infrastructure from long-term outages resulting from failures of the Delta levees.

Facility Improvement Project Purpose

- To manage residual risk, the project will
 - Increase the immediate operational capacity to respond to Delta flood events
 - Assist in recovery from catastrophic flooding and levee failures in the Delta



Facility Improvement Project Tasks

Task 1

- **Environmental Impact Assessments**

- CEQA/Regulatory Review
- Mitigation Measures

Task 2

- **Site Acquisition and Construction**

- Purchase, Memo of Understanding/Agreement, LEASE
- Plan development and Construction

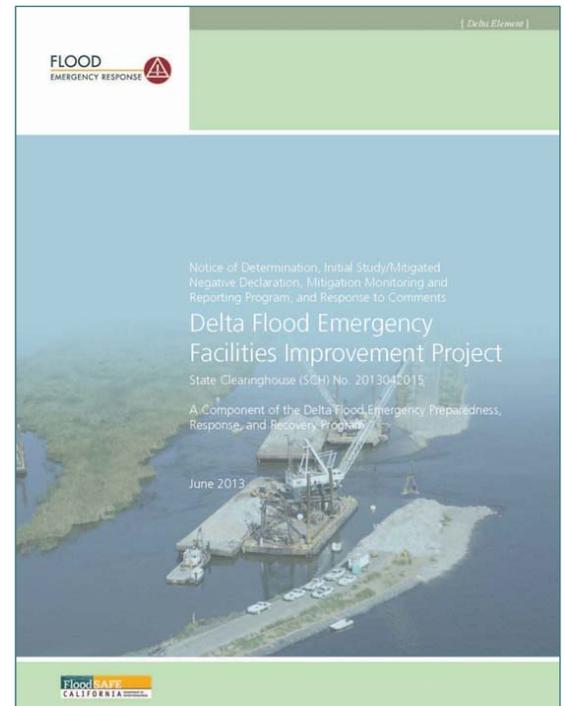
Task 3

- **Operational Readiness**

- Stockpile materials
- Purchase flood fight supplies

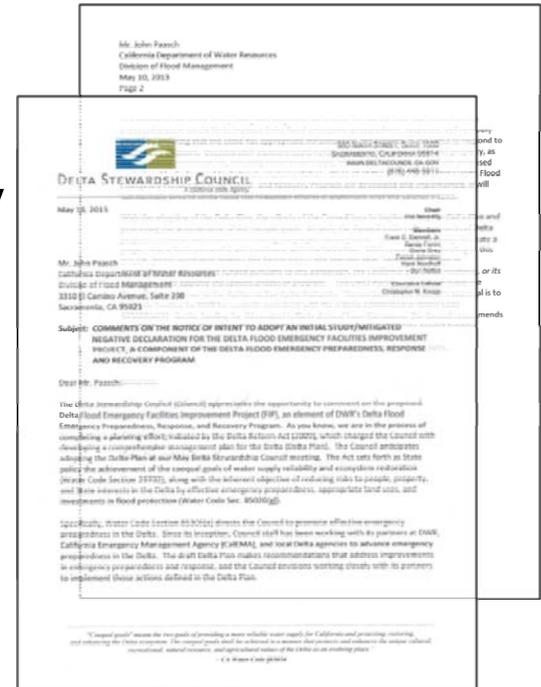
CEQA Documentation

- Facilities Improvement Project – Initial Study/
Mitigated Negative Declaration
FIP-IS/MND
 - Fulfilled CEQA requirements
 - Described selection process
 - Evaluated sites
 - Provided preliminary
site plans



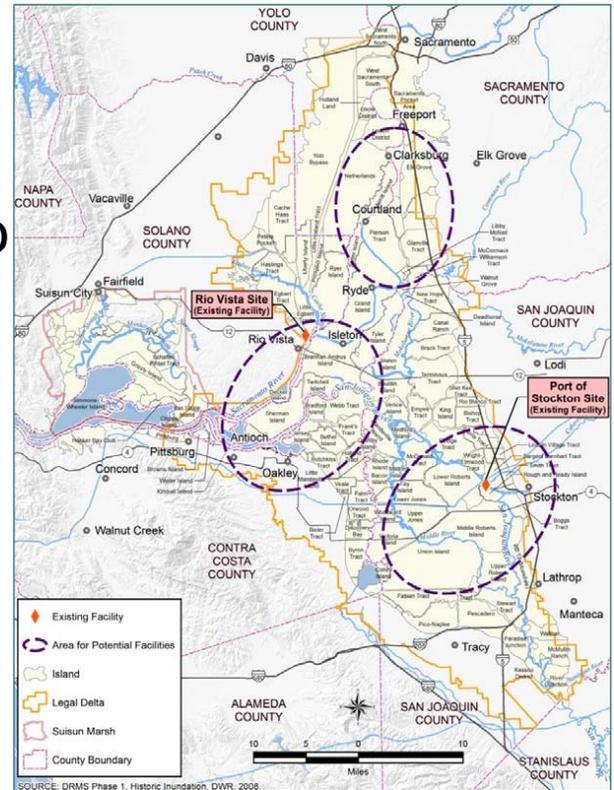
IS/MND – Mitigated Measures

- Aesthetics
- Biological Resources
- Cultural Resources
- Hydrology and Water Quality
- Hazards and Hazardous Materials
- Noise
- Recreation
- Transportation



Site Evaluation and Selection

- 200+ Sites
- Public and Private
- Narrowed and described to 9 sites in the FIP-IS/MND
 - Focused on 3
 - Rio Vista
 - Weber Avenue
 - Brannan Island State Recreation Area (BISRA)



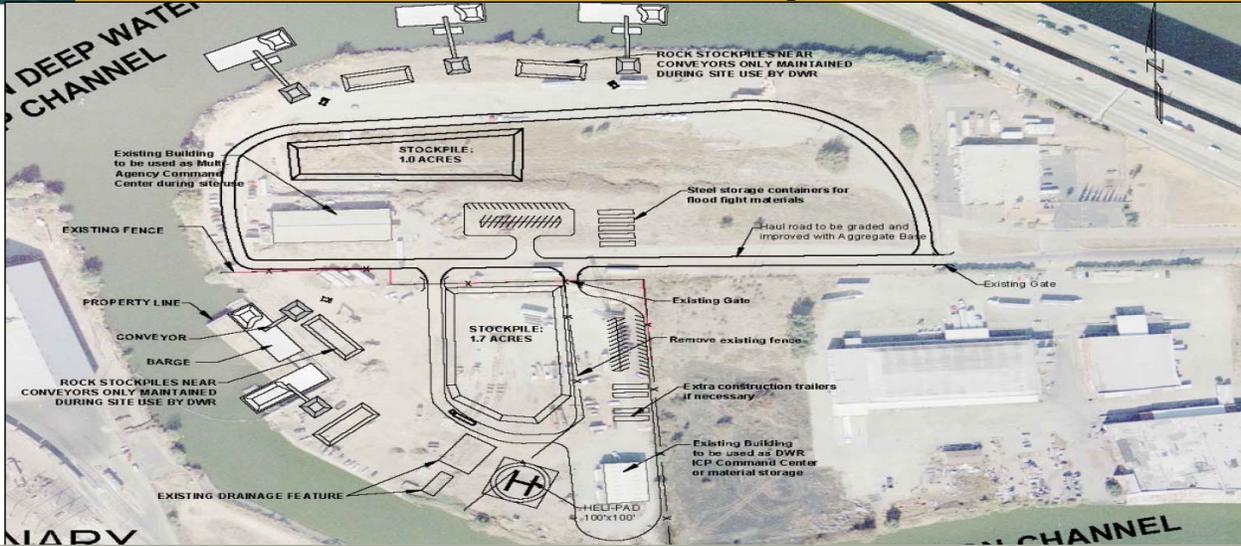
Rio Vista Facility Site Plan



ID	Task Name	2013												2014												2015					
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
1	Rio Vista, Solano County	[Gantt bar spanning from April 2013 to June 2015]																													
2	Acquisition	[Gantt bar from April to August 2013]																													
3	Preliminary Design													[Gantt bar from October 2013 to March 2014]																	
4	Final Design													[Gantt bar from January to May 2014]																	
5	Plans & Specs to CAO													[Gantt bar from June to October 2014]																	
6	Notice to Begin Work	[Gantt bar starting in November 2014]																													



Stockton-Weber Facility Site Plan



ID	Task Name	2013												2014												2015					
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
1	Weber Avenue, San Joaquin County	[Gantt bar spanning from April 2013 to June 2015]																													
2	Acquisition	[Gantt bar from April to August 2013]																													
3	Preliminary Design													[Gantt bar from October 2013 to March 2014]																	
4	Final Design													[Gantt bar from May 2014 to September 2014]																	
5	Plans & Specs to CAO																									[Gantt bar from October 2014 to May 2015]					
6	Notice to Begin Work																														



BISRA Facility Site Plan



ID	Task Name	2013												2014												2015											
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun									
1	Brannan Island SRA	[Gantt bar spanning from April 2013 to June 2015]																																			
2	Acquisition	[Gantt bar from April to September 2013]																																			
3	Preliminary Design													[Gantt bar from October 2013 to March 2014]																							
4	Final Design																									[Gantt bar from May 2014 to September 2014]											
5	Plans & Specs to CAO																									[Gantt bar from August 2014 to March 2015]											
6	Notice to Begin Work																															[Diamond marker in April 2015]					

Facility Improvement Project - Budget

	Fiscal Years				Total
	2012-2013	2013-2014	2014-2015	2015-2016	
Site Acquisition	\$5,200,000	\$1,500,000			\$6,700,000
Prepare Plans & Specifications		\$2,000,000	\$2,600,000		\$4,600,000
Construction & Site Improvements		\$1,500,000	\$2,700,000	\$2,100,000	\$6,300,000
Misc Budget Factors		\$400,000	\$450,000	\$150,000	\$1,000,000
Acquire Flood Fight and Stockpile Material		\$4,000,000	\$4,300,000	\$2,000,000	\$10,300,000
Total for Each Site	\$5,200,000	\$9,400,000	\$10,050,000	\$4,250,000	\$28,900,000

Facility Improvement Project

Webpage:

www.water.ca.gov/floodmgmt/hafoo/fob/floodER

For more information or to be added to the email notification list contact
Bill Croyle
(916) 574-2611
William.Croyle@water.ca.gov