

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



Bay-Delta Committee L. Ackerman, Chair	Bay-Delta Committee	Tuesday, January 25, 2022 Meeting Schedule	
S. Faessel, Vice Chair R. Apodaca	Meeting with Board of Directors *	10:30 a.m Bay-Delta 11:30 a.m Break	
R. Atwater S. Blois G. Cordero C. Kurtz R. Lefevre T. McCoy J. Morris G. Peterson B. Pressman H. Repenning N. Sutley	January 25, 2022	12:00 p.m Exec	
	10:30 a.m.	12:30 p.m Special BOD Mtg	
	Teleconference meetings will continue through the end of the year. Live streaming is available for all board and committee meetings on mwdh2o.com ( <u>Click Here</u> )		
	A listen only phone line is also available at 1-800-603-9516; enter code: 2176868#. Members of the public may present their comments to the Board on matters within their jurisdiction as listed on the agenda via teleconference only. To participate call (404) 400-0335 and enter Code: 9601962.		

\* The Metropolitan Water District's meeting of this Committee is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to this Committee may participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the committee as advisory to the Board, members of the Board who are not assigned to this Committee.

1. Opportunity for members of the public to address the committee on matters within the committee's jurisdiction (As required by Gov. Code Section 54954.3(a))

### \*\* CONSENT CALENDAR ITEMS -- ACTION \*\*

### 2. CONSENT CALENDAR OTHER ITEMS - ACTION

A. Approval of the Minutes of the Meeting of the Bay-Delta Committee <u>21-823</u> held November 23, 2021

Attachments: 01252022 Bay-Delta 2A Minutes.pdf

### 3. CONSENT CALENDAR ITEMS - ACTION

NONE

### \*\* END OF CONSENT CALENDAR ITEMS \*\*

### 4. OTHER BOARD ITEMS - ACTION

### NONE

7.

NONE

### 6. COMMITTEE ITEMS

а.	Update on Delta Stewardship Council Activities	<u>21-820</u>
	Attachments: 01252022 Bay-Delta 6a Presentation.pdf	
b.	Update on Delta Conveyance	<u>21-821</u>
	Attachments: 01252022 Bay-Delta 6b Presentation.pdf	
MAI	NAGEMENT REPORTS	
a.	Bay-Delta Manager's Report	<u>21-822</u>
	<u>Attachments</u> : 01252022 Bay-Delta 7a Report.pdf 01252022 Bay-Delta 7a Presentation.pdf	

### 8. FOLLOW-UP ITEMS

NONE

### 9. FUTURE AGENDA ITEMS

### 10. ADJOURNMENT

NOTE: This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site http://www.mwdh2o.com.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

## THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

### MINUTES

### **BAY-DELTA COMMITTEE**

#### November 23, 2021

Committee Vice Chair Faessel called the teleconference meeting to order at 12:33 p.m.

Members present: Chair Ackerman, Vice Chair Faessel, Directors Apodaca, Atwater, Blois, Kurtz, Lefevre, McCoy, Morris, Peterson, Pressman, and Sutley.

Members absent: Directors Cordero and Repenning.

Other Board Members present: Chairwoman Gray, Directors Abdo, De Jesus, Erdman, Fellow, Fong-Sakai, Goldberg, Jung, Luna, Miller, Quinn, Ramos, Record, Smith, Tamaribuchi, and Williams.

Committee Staff present: Arakawa, Hagekhalil, Horton, Upadhyay, Winn, and Zinke.

#### 1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE'S JURISDICTION

- 1. Chuck Gibson, President, Santa Margarita Water District, spoke regarding the Water Infrastucture Improvements for the Nation (WIIN) Act subtitle J., and suggested the extension of WIIN Act and other acts to continue to provide water reliability for his area.
- 2. Doug Obegi, The Natural Resources Defense Council, spoke in opposition to Sites Reservoir, Item 6a on the agenda, and in opposition to the Voluntary Agreements being discussed in Item 6c; supports local regional projects.

### **CONSENT CALENDAR OTHER ITEMS – ACTION**

#### 2. CONSENT CALENDAR OTHER ITEMS -- ACTION

A. Approval of the Minutes of the Meeting of the Bay-Delta Committee held on October 26, 2021

### 3. CONSENT CALENDAR ITEMS – ACTION

None

Director Morris made a motion, seconded by Director Peterson to approve the consent calendar consisting of item 2A:

The vote was:

Ayes:	Directors Ackerman, Apodaca, Atwater, Blois, Faessel, Kurtz, Lefevre, McCoy, Morris, Peterson, and Pressman.
Noes:	None
Abstentions:	Sutley
Absent:	Directors Cordero and Repenning.

The motion passed by a vote of 11 ayes, 0 noes, 1 abstention, 2 absent.

### END OF CONSENT CALENDAR ITEMS

### 4. OTHER BOARD ITEMS – ACTION

None

### 5. BOARD INFORMATION ITEMS

None

### 6. COMMITTEE ITEMS

a. Subject: Presentation regarding Sites Reservoir Project: Jerry Brown, Sites Reservoir Authority Executive Director

Presented by: Steve Arakawa, Bay-Delta Initiatives Manager

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Mr. Arakawa introduced our guest speaker and presented information about his background in water management.

Mr. Brown presented information on the progress and the path forward for achieving the goal of completing the Sites Reservoir Project. He noted the broad bipartisan support, project cost effectiveness, key environmental benefits, and the importance of the storage in meeting future climate change challenges.

The following Directors provided comments or asked questions.

- 1. Peterson
- 2. Sutley
- 3. Record

The speaker responded to the Directors' questions.

Committee Vice Chair Faessel thanked our guest speaker for his presentation.

b. Subject: Process for Review of Bay-Delta Board Policies

Presented by: Nina Hawk, Bay-Delta Initiatives Policy Manager

Ms. Hawk provided background information on the importance to Metropolitan's service area of the Bay-Delta and the State Water Project, and she gave an overview of Metropolitan's current Board Bay-Delta Policies. She discussed the process for the upcoming Board policies review and update, and the proposed schedule.

The following Director provided comments or asked a question.

1. Smith

Staff responded to the Director's question.

c. Subject: Recent Communication Regarding State and Federal Water Project Management

Presented by: Steve Arakawa, Bay-Delta Initiatives Manager

Mr. Arakawa spoke about recent communications by elected officials and resource managers regarding state and federal water project management. He noted the information is posted on the Committee's agenda. He provided background information on Bay-Delta flow and water quality regulations and processes, including: interim drought operations for year 2022; federal Endangered Species Act reinitiation of consultation; and the Voluntary Agreement discussions with the state.

The following Directors provided comments or asked questions.

- 1. Peterson
- 2. Sutley
- 3. Lefevre

Staff responded to the Directors' questions.

### 7. MANAGEMENT REPORTS

a. Subject: Bay-Delta Management Report

Presented by: Steve Arakawa, Bay-Delta Initiatives Manager

Mr. Arakawa noted the US Army Corp of Engineers (Corp) is the lead agency for the federal government in preparing the federal environmental review document for the Delta Conveyance Project, and that the state of California Department of Water Resources sent a letter to the Corp indicating that the eastern alignment with Bethany Forebay connection alternative will be the state's proposed project as it develops the state's Environmental Impact Report.

He also mentioned that the Delta Stewardship Council report that was deferred as an agenda item in last month's committee meeting will be rescheduled for early 2022.

### 8. FOLLOW-UP ITEMS

None

### 9. FUTURE AGENDA ITEMS

None

Next meeting will be held on January 25, 2022.

Meeting adjourned at 2:00 p.m.

Stephen Faessel Vice Chair



## Update on Delta Stewardship Council Activities

Bay-Delta Committee Item 6a January 25, 2022

## Overview

## Background

- Delta Reform Act
- Delta Stewardship Council
  Organizational Structure
- Collaboration Highlights
- Update on Key Activities
  - Delta Plan Amendments
  - Delta Plan Certification of Consistency
  - Delta Adapts: Creating a Climate Resilient Future



## Delta Stewardship Council

A CALIFORNIA STATE AGENCY

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## The Delta Reform Act of 2009

- Established the Delta Stewardship Council as an independent state agency
- Developing and implementing an overarching plan for the Delta
  - Furthers the coequal goals for the Delta
  - Guides state and local agency actions related to the Delta





More reliable water supply for California

Protecting, restoring, & enhancing the Delta ecosystem

Bay-Delta Committee

Item 6a Slide 3

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## **Delta Stewardship Council Members**

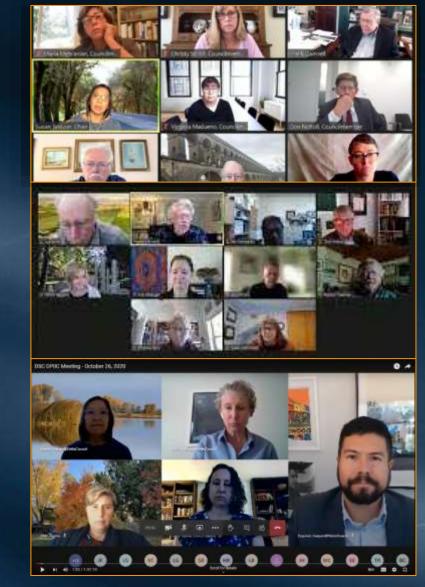


- Susan Tatayon, Chair (Rocklin)
- Virginia Madueño, Vice Chair (Riverbank)
- Frank C. Damrell, Jr. (Sacramento)
- Maria Mehranian (La Cañada Flintridge)

- Don Nottoli (Galt)
- Christy Smith (Santa Clarita Valley)
- Daniel Zingale (Sacramento)

## **Delta Stewardship Council Organization**

- Legal Office
- Independent Science Board
- Executive Team
  - Legislative and Policy
  - External Affairs and Communications
  - Science
  - Planning and Performance
  - Administrative
  - Delta Plan Interagency Implementation Committee



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## **Collaboration Highlights**

- Delta Stewardship Council Meetings
- Delta Plan Interagency Implementation Committee Meetings
- Independent Science Board
  - Science Needs Assessment Planning Team
  - Review of Water Supply Reliability Estimation
- Planning and Performance
  - Delta Plan Amendments
  - Delta Conveyance Certification of Consistency
  - Delta Adapts: Creating a Climate Resilient Future



## **Collaboration Highlights**

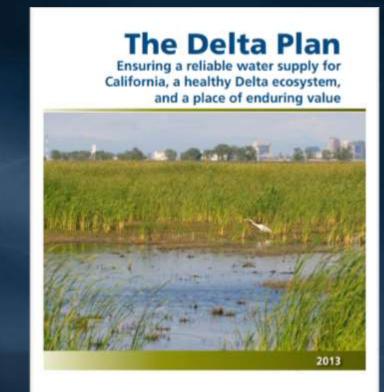
### **Delta Science Program** 0

- **Collaborative Science and Adaptive** 0 Management Program
- Interagency Ecological Program 9
- **Biennial Bay-Delta Science Conference** 9
- **Delta Science Program Advisory Teams** 9
- Reorienting to Recovery Salmonid Recovery Initiative
- **Bayesian Network Relative Risk Model** for the Upper SF Estuary



## Delta Plan Amendments

- The Delta Plan was adopted in 2013
- Policies and recommendations address
  - Science & Adaptive Management
  - Governance
  - Water Supply Reliability
  - Delta Ecosystems
  - Water Quality
  - Delta Risk Reduction
  - Unique Delta Values/Culture
  - Funding Principles to Support Coequal Goals
- Policies and recommendations reviewed every 5 years and amended as appropriate







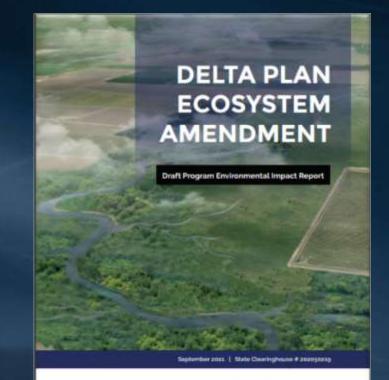
## **Delta Plan Amendments**

## 9 2016

- Refined Performance Measures
- Single-Year Water Transfers Exemption

## ● 2018

- Delta Levees Investment Strategy
- Conveyance, Storage, and Operations
- Refined Performance Measures
- In Progress
  - Protect, Restore, & Enhance the Delta Ecosystem
  - Delta Levees Investment Strategy





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## **Delta Plan Certification of Consistency**

- State or local agencies proposing certain actions in the Delta must certify consistency with Delta Plan policies
  - Ecosystem restoration projects, some cross-Delta transfers, Delta conveyance
- Amendments to administrative procedures governing appeals
- Ongoing commitment to resolve technical, policy, and legal issues
  - Staff collaborating on Delta Conveyance Project early consultation with DWR and DSC staff
  - SWC agencies engaging Council members and executive management on SWP issues

## **Delta Adapts: Creating a Climate Resilient Future**

## Vulnerability Assessment

- Evaluated impacts of climate change on Delta environment, communities, assets, and resources through 2100
- Staff provided input throughout the development process
  - Stakeholder workgroup
  - Review drafts with State Water Contractors
- Final Vulnerability Assessment adopted June 2021





Delta Adapts: Creating a Climate Resilient Future

**Public Review Draft** 



## **Delta Adapts: Creating a Climate Resilient Future**

## Adaptation Strategy

- Will identify a range of policy and management actions that improve resilience to climate change
- Builds on findings of the Vulnerability Assessment
- Staff is engaged in the development of the Adaptation Strategy through
  - Stakeholder Working Group
  - Topical Focus Groups Flooding, Ecosystem, Water Supply, Agriculture
- DSC anticipates finalizing the Adaptation Strategy in summer 2023

## Next Steps

Continued engagement in key Delta Stewardship Council initiatives

- Delta Adapts climate adaptation strategy
- Ongoing science and policy efforts
- Delta Plan Amendments related to ecosystems and Delta levee investments strategy







## Update on Delta Conveyance

Bay-Delta Committee Item 6b January 25, 2022



## **Department of Water Resources (DWR) Planning Process Update**

- Draft Environmental Impact Report
- Community Benefits Case Study Workshop (November 2021)

## **Joint Powers Authority Updates**

- Delta Conveyance Design and Construction Authority (DCA) (January 2022)
- Stakeholder Engagement Committee (December 2021)
- Delta Conveyance Finance Authority (January 2022)

## **DWR Planning Process Update**

## Draft Environmental Impact Report

- Required under California Environmental Quality Act
- Range of reasonable alternatives has been identified for analysis
- Assessment of alternatives' potential impacts on environmental resources and mitigation measures
- U.S. Army Corps of Engineers has begun preparation of a draft Environmental Impact Statement to comply with the National Environmental Policy Act
- Draft environmental documents planned for public release and review in mid-2022

## **Community Benefits Workshop**

Case Study Discussion Panel (November 17, 2021)

- Community Benefits
  Overview
- Characteristics of Community Benefits Programs
- Case Study Review



Delta Conveyance Project Community Benefits Program Case Study Workshop November 17, 2021 (6:80–8:00 pm Case Study Panelists







Link for more information including presentation and recording of workshop: <u>https://water.ca.gov/Programs/State-Water-Project/Delta-Conveyance/Community-Benefits-Program</u>

**Bay-Delta Committee** 

Item 6b Slide 5

## **Joint Powers Authority Updates**

## Delta Conveyance Design and Construction Authority January 2022

## Discussion Items

- DCA Monthly Report
- Second DCA FY 21/22 Budget Adjustment
- Geotechnical Exploration Services Contract
- Stakeholder Engagement Committee
- Staff Reports
  - General Counsel
  - Treasurer
  - DWR Environmental Manager

## Delta Conveyance Design and Construction Authority January 2022

## **Budget Rollover**

FY 20/21 Underspend of \$978k

FY 21/22 + \$978k

FY 21/22 Final Budget \$24.48M

# AECOM

Geotechnical Exploration & Reporting Services Three Year Contract \$30 million (NTE)

Bay-Delta Committee

## Stakeholder Engagement Committee December 2021

- Final Meeting held Dec 8
- Approved for Sunset Jan 20
- DEIR Focus Going Forward
- White Paper memorialization

Public outreach in 2022 will focus on the release of the Draft Environmental Impact Report (DEIR)



#### **Public Information**

Provide informational resources to help the public review, understand and react to the DEIR.



#### Public Outreach + Engagement

Proactive outreach to inform and engage, and encourage and assist in participation. <u>\*</u>"

### Public Participation + Notification

Provide meaningful opportunities to access public review documents and respond through formal public input processes.

## Delta Conveyance Finance Authority January 2022

- Election of Officers
- Treasurer's Report
- General Counsel's Report
- Executive Director's Report

## Upcoming

- Next update anticipated in March 2022
- Committee update on DCP EIR after public release (estimated Mid 2022)





### • Bay-Delta Management Report

### Summary

This report provides a summary of activities related to the Bay-Delta for November and December 2021.

#### Purpose

Informational

### **Detailed Report**

#### **Long-Term Delta Actions**

#### Delta Conveyance

The California Department of Water Resources (DWR) is continuing to develop a public Draft Environmental Impact Report (EIR) under the California Environmental Quality Act for the Delta Conveyance Project (DCP).

In late November, DWR amended its U.S. Department of the Army permit application pursuant to Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act (Section 404 permit application), which was submitted to the U.S. Army Corps of Engineers (USACE) to make the application consistent with the Bethany Alternative. The Bethany Alternative will be the proposed project in the Draft EIR that is expected to be released for public review in mid-2022. The Bethany Alternative is intended to align with the Section 404 directive to propose a project that would avoid and minimize impacts to waters of the United States to the extent practicable.

#### Joint Powers Authorities

During the Delta Conveyance Design and Construction Authority (DCA) Special Board of Director's Meeting on December 16, the DCA adopted a resolution to continue remote teleconference meetings pursuant to the Brown Act Section 54953(e) for meetings of the DCA.

The final regularly scheduled DCA Stakeholder Engagement Committee occurred on December 8, during which it received updates on the review process, presentations on the updated tunnel intake conceptual design, and ongoing DCA outreach efforts.

During the Delta Conveyance Finance Authority (DCFA) regularly scheduled December 16, meeting, the DCFA adopted a resolution to continue remote teleconference meetings pursuant to the Brown Act Section 54953(e) for meetings of the DCFA.

#### Sites Reservoir

On November 12, the Sites Project Authority released its Revised Draft EIR/Supplemental Draft Environmental Impact Statement for public review and comment. Staff is reviewing the draft. The public review and comment period for the document was extended to January 28, 2022.

In their joint December 17 meeting, the Sites Project Authority Board (Authority Board) and the Sites Reservoir Committee (Reservoir Committee) authorized the Executive Director to submit the California Endangered Species Act Incidental Take Permit application to the California Department of Fish and Wildlife (CDFW) for the proposed Sites Reservoir Project (Project).

On December 15, the California Water Commission made a determination that the Project is feasible, which allows the Project to remain eligible for funding under the \$2.7 billion Water Storage Investment Program created by Proposition 1, approved by the California voters in November 2014.

### **Near-Term Delta Actions**

#### **Regulatory Activities**

In December, the Delta Stewardship Council (Council) began the technical input process for the Climate Adaptation Strategy phase of its Delta Adapts initiative. The Council is seeking expert input to the Adaptation Strategy through four topical focus groups: Water Supply Reliability, Ecosystems, Flood Risk Reduction, and Agriculture. Staff will be participating in all four focus groups over the next year.

At its December 16 meeting, the Council elected Virginia Madueño as Vice Chair, effective January 1, 2022. The role was most recently held by Randy Fiorini, whose appointment to the Council ended in 2020. Some additional changes in the Council Board membership could occur in the coming months, and staff will report any updates as well as status of activities in the months ahead.

Staff continued to participate in the collaborative groups called for in the 2019 Biological Opinions for the State Water Project (SWP) and Central Valley Project, and in the 2020 Incidental Take Permit (ITP) for Long-Term Operation of the SWP, to address science needs and inform management and operation of the water projects. In November and December, staff continued collaboration with state and federal agencies to develop a Juvenile Production Estimate (JPE) for Spring-run Chinook salmon. Current efforts are focused on developing objectives to be specific to requirements stated in the ITP.

Staff also continued working with state and federal agencies to develop a monitoring program for steelhead populations within the San Joaquin Basin and/or the San Joaquin River downstream of the confluence with the Stanislaus River. The work group continued development of conceptual models that describe the life history and required monitoring for steelhead.

Staff also worked with DWR and CDFW scientists to develop a new entrainment risk model for larval longfin smelt. The entrainment risk model will be designed to help inform risk assessment evaluations and the development of a larval entrainment monitoring program.

Staff continued collaboration with the state and federal agencies to develop options related to a non-physical barrier at Georgiana Slough. The purpose of the barrier would be to deter emigrating juvenile salmon moving to the ocean from entering Georgiana Slough and thereafter the interior central and south Delta, where survival is lower relative to remaining in the mainstem Sacramento River.

#### Science Activities

Staff participated in a technical workshop addressing preliminary results of a salmon research project conducted by Anchor QEA consultants and funded by the Delta Science Program and Metropolitan. The objective of the project is to evaluate juvenile salmon behavioral responses to hydrodynamic conditions in the Delta. The workshop allowed stakeholders to review and provide constructive feedback on analyses and interpretation of how hydrodynamics may influence salmon behavior and routing in the South Delta. Anchor QEA will address comments and refine analyses and interpretation of results based on workshop comments and finalize a report by June 2022.

Staff attended the North American Society of Environmental Toxicology and Chemistry 2021 virtual conference in November. The conference included presentations on several studies supported by Metropolitan, including studies to evaluate floodplain toxicity to Chinook salmon and to develop a Relative Risk Assessment of contaminants in the Bay-Delta estuary on Delta smelt, Chinook salmon, and macroinvertebrates.

Staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). In December, CAMT discussed a draft report on the CAMT Monitoring Assessment workshop held in October to compile and communicate information from past and ongoing monitoring reviews. CAMT also discussed potential approaches to Task 2 of the Monitoring Assessment, which will assess CSAMP member policy objectives for monitoring.

Staff continued collaboration with the non-government environmental organizations on the CSAMP Salmon Recovery Initiative. The group completed the second set of workshops to develop metrics and targets to measure

progress toward salmon recovery. The workshops generated productive discussions among environmental organizations, water agencies, and state and federal resource agencies to consider various ideas and approaches to defining salmon recovery in a broad sense, and all participants expressed their gratitude and enjoyment in participating in the process. The outreach efforts for Phase 2 are currently being planned and will start in January 2022. The objective of Phase 2 of the Salmon Recovery Initiative is to reach out to other Central Valley stakeholders to share and communicate what occurred in Phase 1, to define salmon recovery, assemble information about existing salmon conditions, ongoing and planned salmon-related actions, and related socio-ecological considerations.

Two scientific papers recently published in the peer-reviewed journal *San Francisco Estuary and Watershed Science* reported on results from a Metropolitan funded study evaluating historical salinity conditions in the Bay-Delta and the performance of several flow-salinity models for the Bay-Delta. The first paper (<u>A Survey of X2</u> <u>Isohaline Empirical Models for the San Francisco Estuary (escholarship.org)</u>) reported on a survey of flowsalinity models and found that for analyses spanning a long hydrologic record, an ensemble approach (multiple models) may be preferable to using a single model. The second paper (<u>Apparent Seasonal Bias in Delta Outflow</u> <u>Estimates as Revealed in the Historical Salinity Record of the San Francisco Estuary: Implications for Delta Net</u> <u>Channel Depletion Estimates (escholarship.org</u>)) reported on analyses using the historical salinity record and an ensemble of flow-salinity models to evaluate sources of seasonal bias in Delta outflow estimates.

Staff also co-authored two recently published papers from a collaboration with researchers from the Jet Propulsion Laboratory, U.S. Geological Survey, UC Merced, and Oregon State University reporting on efforts to develop satellite imagery for use in the Bay-Delta. The two papers published in *IEEE Transactions on Geoscience and Remote Sensing* (Using ECOSTRESS to Observe and Model Diurnal Variability in Water Temperature Conditions in the San Francisco Estuary | IEEE Journals & Magazine | IEEE Xplore), and *Environmental Science and Technology* (Decline in Thermal Habitat Conditions for the Endangered Delta Smelt as Seen from Landsat Satellites (1985–2019) (acs.org)) reported on studies using satellite imagery to examine habitat suitability conditions during the period 1985-2019 for Delta smelt and two non-native fish species – Largemouth bass and Mississippi silverside. The researchers found that warming waters in the Bay-Delta Estuary are reducing the available suitable habitat for Delta smelt.

#### Habitat Restoration

On December 3, staff participated in a tour organized by the Yolo Basin Foundation, Ducks Unlimited, Yolo County and the CDFW to view recently completed infrastructure improvements in the Yolo Bypass Wildlife Area. The multi-purpose project increases seasonal wetland acreage, improves drainage and water supply for rice fields, and managed wetlands while improving access for farmers, wetland managers, and the public. Metropolitan and the State Water Contractors are project partners and helped fund the modeling and design studies to support development of the project.

## Metropolitan Bay Delta Conservation Plan/California WaterFix & EcoRestore/DCP (BDCP/CWF-CER) Expenditures

The following is a summary of Metropolitan's cumulative BDCP/CWF-CER/DCP expenditures updated for the quarter ending December 2021. This report includes the total internal costs related to the BDCP, the CWF-CER alternatives and the subsequent DCP efforts with the state administration.

Staff will continue to provide this report on a quarterly basis in the Bay Delta Management Report.

<u>Total (July 2005 – December 2021)</u>				
BDCP/CWF-CER/DCP Internal MWD	Total Costs (16.50 yrs.)			
Labor & Benefits <sup>(1)</sup>	\$ 36.17M			
Professional Services	\$ 7.08M			
Travel	\$ 1.79M			
Other <sup>(2)</sup>	\$ 0.18M			
SUBTOTAL	\$ 45.22M			
Administrative Overhead	\$ 13.19M			
TOTAL	\$ 58.41M			

<sup>(1)</sup> Labor costs include salary, leave and non-leave benefits

(2) Other includes charges for materials and supplies, trainings & seminars, conferences & meetings, reprographics, and other incidental expenses

#### **Quarterly Summary (January 2021 – December 2021)**

	FY20-21 Q3 Jan-Mar 2021	FY20-21 Q4 Apr-Jun 2021	FY21-22 Q1 Jul-Sep 2021	FY21-22 Q2 Oct-Dec 2021
Labor	0.327M	0.353M	0.301M	0.286M
<b>Professional Services</b>	0.200M	0.009M	0.003M	0.009M
Travel	0.000M	0.001M	0.000M	0.000M
Other	0.000M	0.000M	0.000M	0.000M
SUB-TOTAL	0.527M	0.363M	0.304M	0.295M
Admin. Overhead	0.121M	0.131M	0.104M	0.100M
TOTAL	0.648M	0.494M	<b>0.408M</b>	0.395M

The following is a summary of the Delta Conveyance Finance Authority costs for member's share of administrative expenses:

### Quarterly Summary (January 2021 – December 2021)

	FY20-21 Q3	FY20-21 Q4	FY21-22 Q1	FY21-22 Q2
	Jan-Mar 2021	Apr-Jun 2021	Jul-Sep 2021	Oct-Dec 2021
TOTAL	0.003M	0.002M	<b>0.004M</b>	0.002M



## Prop 1 CDFW Grant Multi-Benefit Restoration Planning

Bay-Delta Committee Item 7a January 25, 2022

## **Multi-Benefit Restoration Planning**

## **Overview**

• California Department of Fish & Wildlife Grant - \$1,088,280

## **Objectives**

- Collaborate with Local Stakeholders/Science Experts for potential landscape and restoration opportunities
- Facilitate process using innovative Structured Decision-Making Process
- Address subsidence reversal, carbon sequestration/GHG reductions, ecosystem restoration, sustainable economic and agriculture practices

## Collaboration

- Local Stakeholder Advisory Team (6 meetings)
- Expert Engagement Team (6 meetings)
- Public Input meetings (up to 3 meetings)
- Metropolitan Board updates



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## **Stakeholder Advisory**

## **Participants**

- Miwok Community Nation
- Point Blue Conservation Science
- California Audubon Society
- The Nature Conservancy
- Ducks Unlimited
- California Waterfowl Association
- California Department of Fish and Wildlife
- Metropolitan Water District
- Delta Conservancy
- Department of Water Resources
- Delta Stewardship Council
- Delta Protection Commission
- San Francisco Estuary Institute
- East Bay Parks

## **Expert Engagement**

## **Participants**

- UC Merced (economics)
- CSU Chico State (human ecology/ethnography)
- UC Davis (greenhouse gas dynamics)
- UC Davis (paludiculture)
- GEI (tidal wetlands)
- SFEI (landscape scenario planning)
- Natural Resources Group (Delta farming)
- MBK Engineers (levee/flood risks)
- Hydrofocus (wetlands, floating peat marshes, subsidence reversal)
- Delta Conservancy (Delta-wide public lands)
- Metropolitan (agriculture/rice farming)

