

Office of the Delta Watermaster Update

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Delta Watermaster

June 22, 2023



DELTA STEWARDSHIP COUNCIL



Overview

2022 Water Reporting / Delta Alternative Compliance Plan

Delta Drought Response Pilot Program

Science and Delta Planning Collaboration

Water Reporting History

Reporting Period	Legal Delta Statements (% of Reports Received)	Statewide Reporting (% Reports Received)
Calendar Year 2014	18%	90%
Transitional Stub Period 2021	95%	77%
Water Year 2022	80%	67%

Delta Alternative Compliance Plan

- Implementing the Delta Alternative Compliance Plan
- Three options for SB 88 legal compliance:
 - Purchase and install meters on points of diversion by a qualified individual
 - Submit an Individual Alternative Compliance Plan
 - Sign up for the Delta Alternative Compliance Plan
- Moving to implementation using OpenET
 - What have we learned via DeltaACP.com from user feedback
- Capturing/organizing useful data – status report
- Next phase science projects –
Delta Measurement Experimentation Consortium



Senate Bill 88

Chapter 27

3) This bill would, commencing January 1, 2016, require a person who diverts 10 acre-feet of water per year or more under a permit or license to install and maintain a device or employ a method capable of measuring the rate of direct diversion, rate of collection to storage, and rate of withdrawal or release from storage, as specified, and with certain exceptions....

Consortium Participants



Central Delta Water Agency



Metropolitan Water District of Southern California



Delta ACP POU Polygons

OPENET_ID CA_DELTA_829
APNS 129-190-290-000
PODs S021273, S021274, S021275, S021276, S021277, S021278
Acres 446.1336003859868

- User created digitized place of use (POU) boundaries
- POUs linked to claimed water rights (Statements) aligned with place of diversion and use

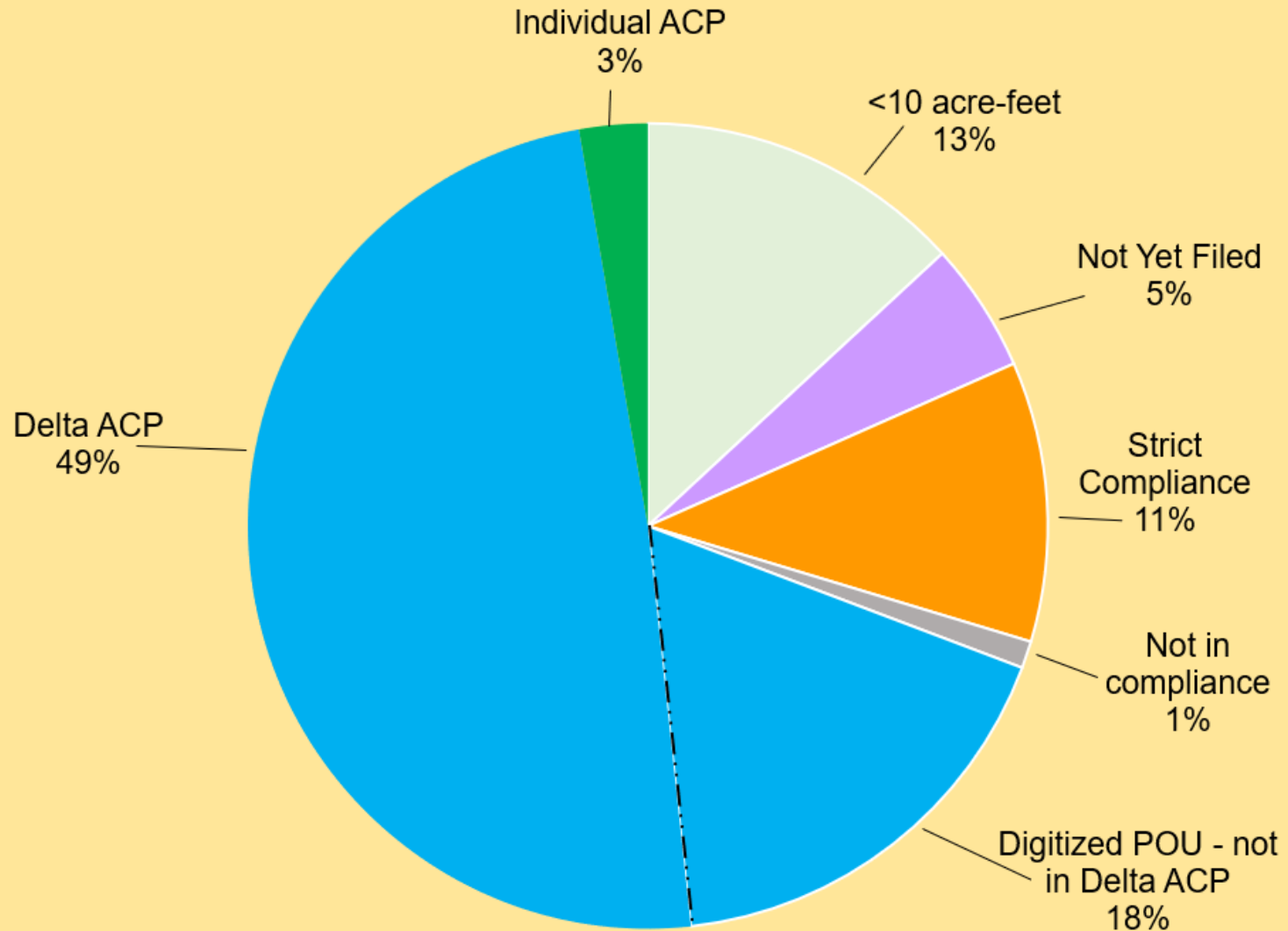
Delta Alternative Compliance Plan

Final filing date was extended to June 15th

Participation Category	Total Number of Water Reporters	Percentage
Delta ACP	1,171	49%
Digitized POU – not yet in Delta ACP	420	18%
Individual ACP	66	3%
Strict Compliance	269	11%
Not in Compliance	26	1%
< 10 acre-feet	315	13%
Not Yet Filed	125	5%

Delta Alternative Compliance Plan

Water Reports Filed as of June 14, 2023 (WY 2022)



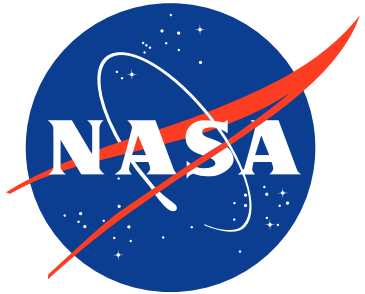
Looking Forward & Lessons Learned



- Delta ACP Adoption Success
 - Approximately 49% of Statements participating in the Delta ACP
 - Licenses ineligible to participate but merging Statement and License reporting next year
- Delta ACP informs Data Modernization (UPWARD)
 - OpenET integrates individual filing data that allows cross-check with other filers for annual water reports
 - Digitizing place of use (POU) boundaries
 - ✓ POU digitization more complex than anticipated
 - Utilizing Delta Measurement Experimentation Consortium informed user interface and positive customer adoption

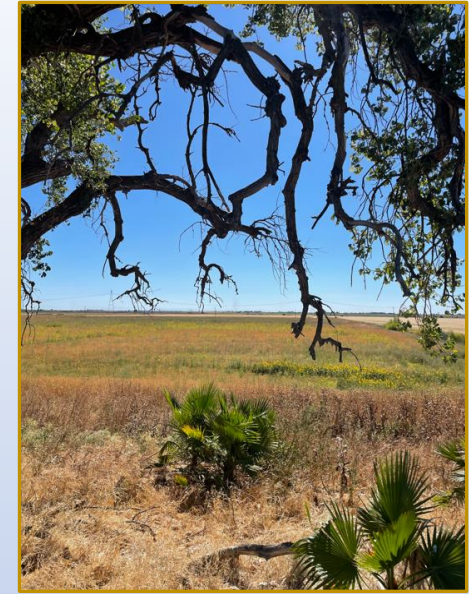
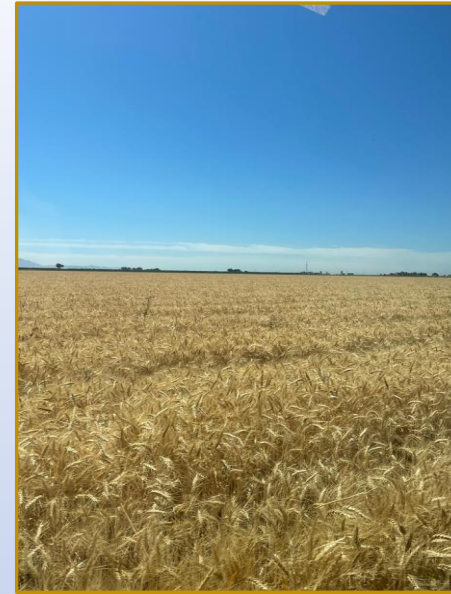
Critical Partners for Creating the Delta ACP

Delta ACP took years of work and dedicated partners



Delta Drought Response Pilot Program

- Initiated by Boards of Three Delta Water Agencies; Convened by the Office of the Delta Watermaster
- Collaboration efforts with State agencies
- **Objective: Collaborative Drought Planning**
- Project Elements: 33 Delta projects and 8850 acres enrolled in 2022 program:
 - Three components:
 - ✓ Water conservation actions
 - ✓ Water quality protection
 - ✓ Data improvements
- Estimated water conservation ranged from 3,300 to 5,500 acre-feet across all project acres

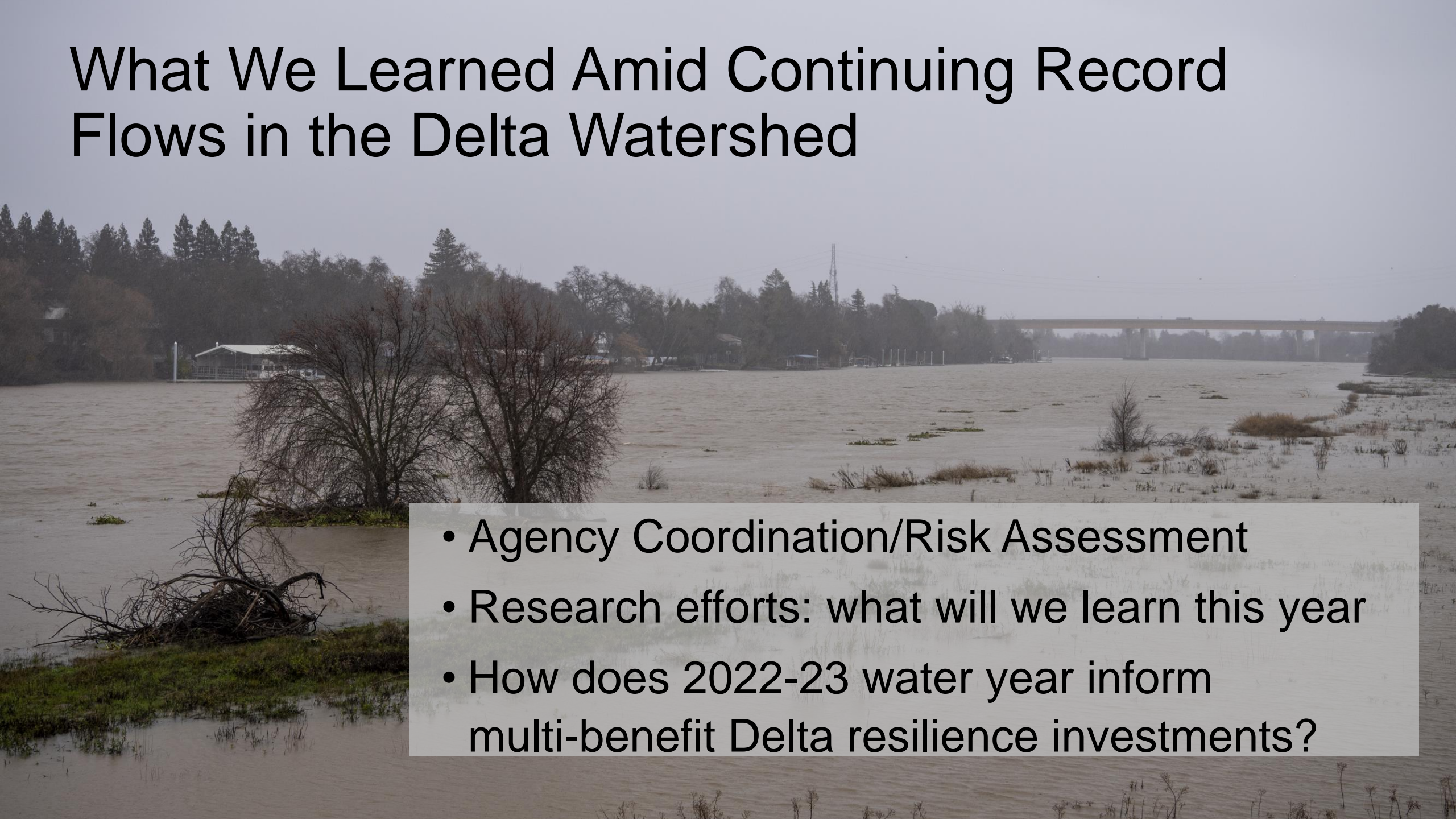


Delta Drought Response Pilot Program (Cont.)

- For 2023 Water Year:
 - 61 projects enrolled in program
 - 16,116 acres testing water savings practices
 - 6400 acres enrolled to support migratory bird habitat objectives
 - ✓ Program budget: \$10.8 million
 - ✓ Year 2 projects provide comparison across extremely dry year to an extremely wet year
- Added implementation of field level measurements through a contract with UC Davis



What We Learned Amid Continuing Record Flows in the Delta Watershed

- 
- A wide, muddy river flows through a landscape. In the foreground, there are bare trees and a pile of driftwood. In the background, a bridge spans the river, and a line of trees is visible under an overcast sky.
- Agency Coordination/Risk Assessment
 - Research efforts: what will we learn this year
 - How does 2022-23 water year inform multi-benefit Delta resilience investments?



Science and Planning Collaboration

- State Water Board and Delta Stewardship Council Science Collaboration

➤ Science Action Agenda

- ✓ One Delta/One Science
- ✓ Linking Science to Action
- ✓ Delta Plan Interagency Implementation Committee



More Science Collaboration



Questions Thank you

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