



Joint One Water and Adaptation Committee and  
Subcommittee on Imported Water

# Update on Webb Tract Rice Development and Wetland Restoration Project

Item 6c

November 17, 2025

Presented by: Malinda Stalvey

## Item 6c

### Webb Tract Rice Development and Wetland Restoration Project

### Subject

Update on Rice Development & Wetland Restoration Projects

### Purpose

Provides update on the Rice Conversion Project and information relevant to the Board for future decision on whether to approve construction of the Wetland Restoration Project

### Next Steps

Construction bid, Board action to award construction contract for the Wetland Restoration Project

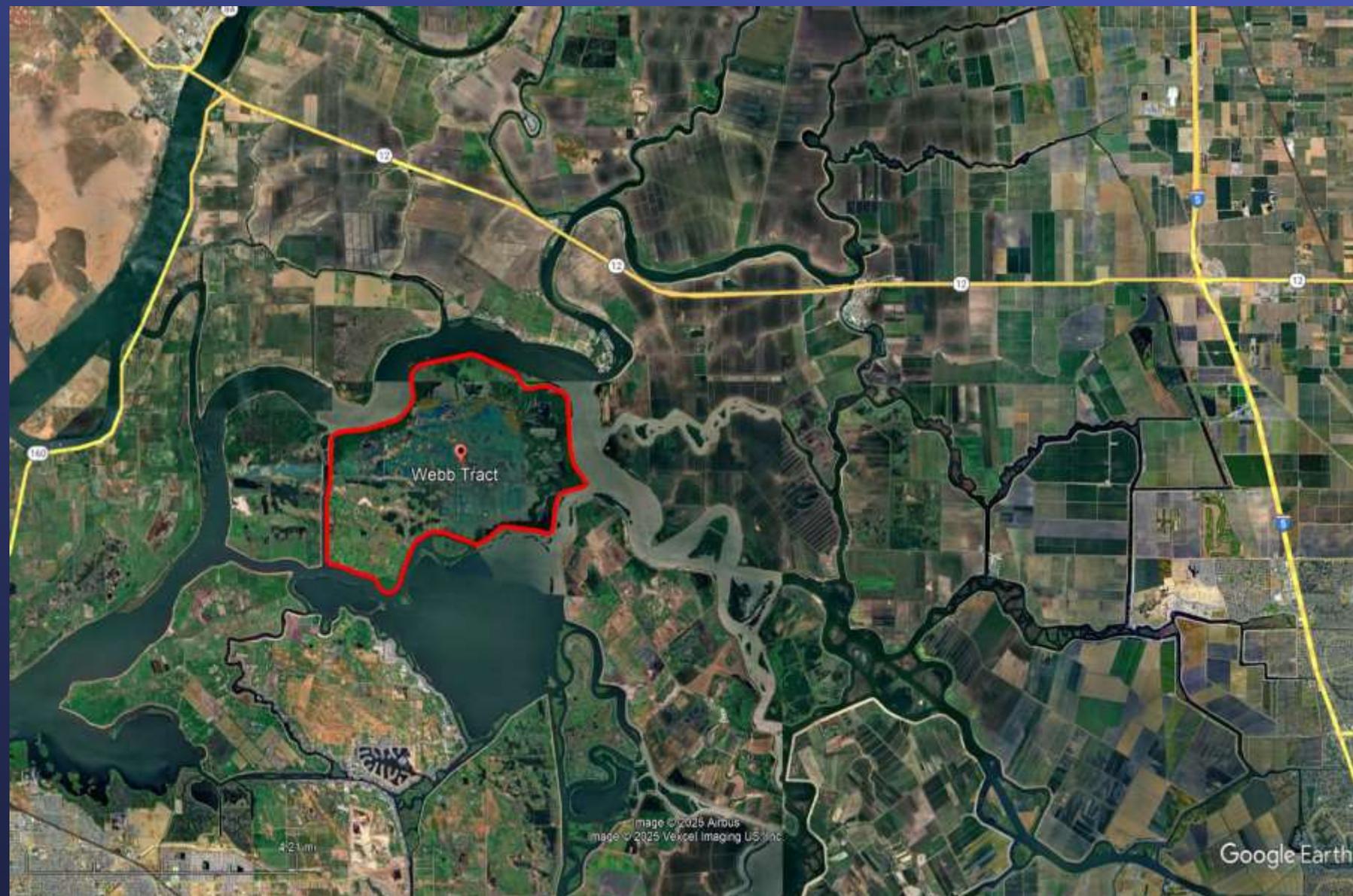
# Sacramento- San Joaquin Delta Conservancy Grant



## Webb Tract Multi-Benefit Mosaic Landscape Grant

- \$20.9 M grant funds:
  - **Rice Development Project**
    - \$3,000/acre up to \$4M subsidy to level land
  - **Wetland Restoration Project**
    - Wetland design, CEQA, permitting and, if approved, construction
    - GHG monitoring and reporting
    - Environmental monitoring & accretion rates

# Webb Tract Location Map



Rice  
Development  
Project  
Current Status

## Webb Tract Rice Development Project

- Board authorized rice lease August 2025
- Lease negotiations continue with lease agreement expected November 2025
- Late start jeopardizes ability of farmer to plant minimum acres by Spring 2026
  - Weather dependent

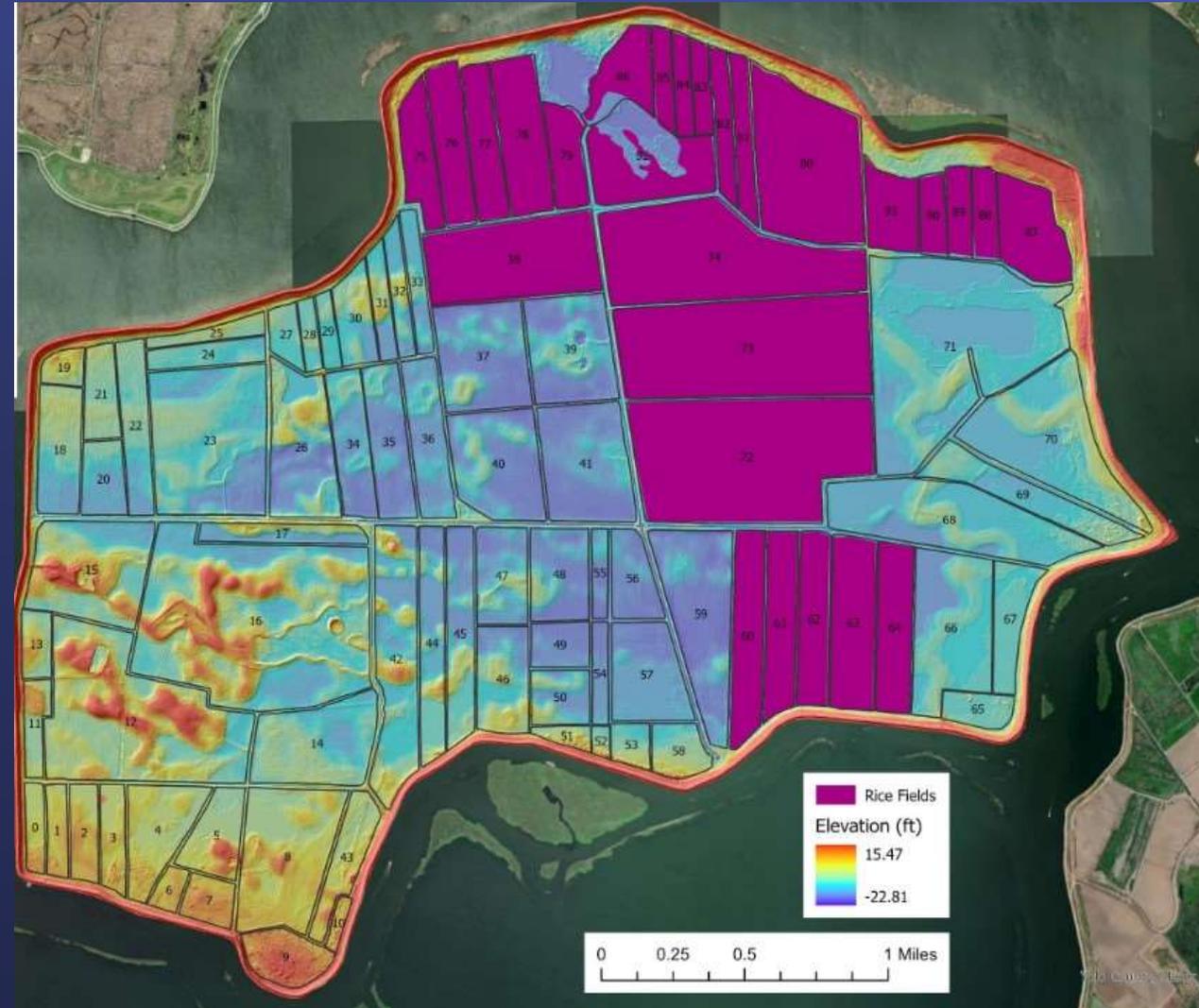
# Wetland Restoration Project

- Construct ~2,900 acres of wetland and upland habitat
- Create and support vital habitat for reptiles, birds, and other species
- Additional Benefits:
  - ✓ Halt and/or reverse subsidence
  - ✓ Reduce GHG emissions
  - ✓ Explore food web benefits
  - ✓ Explore paludiculture opportunities

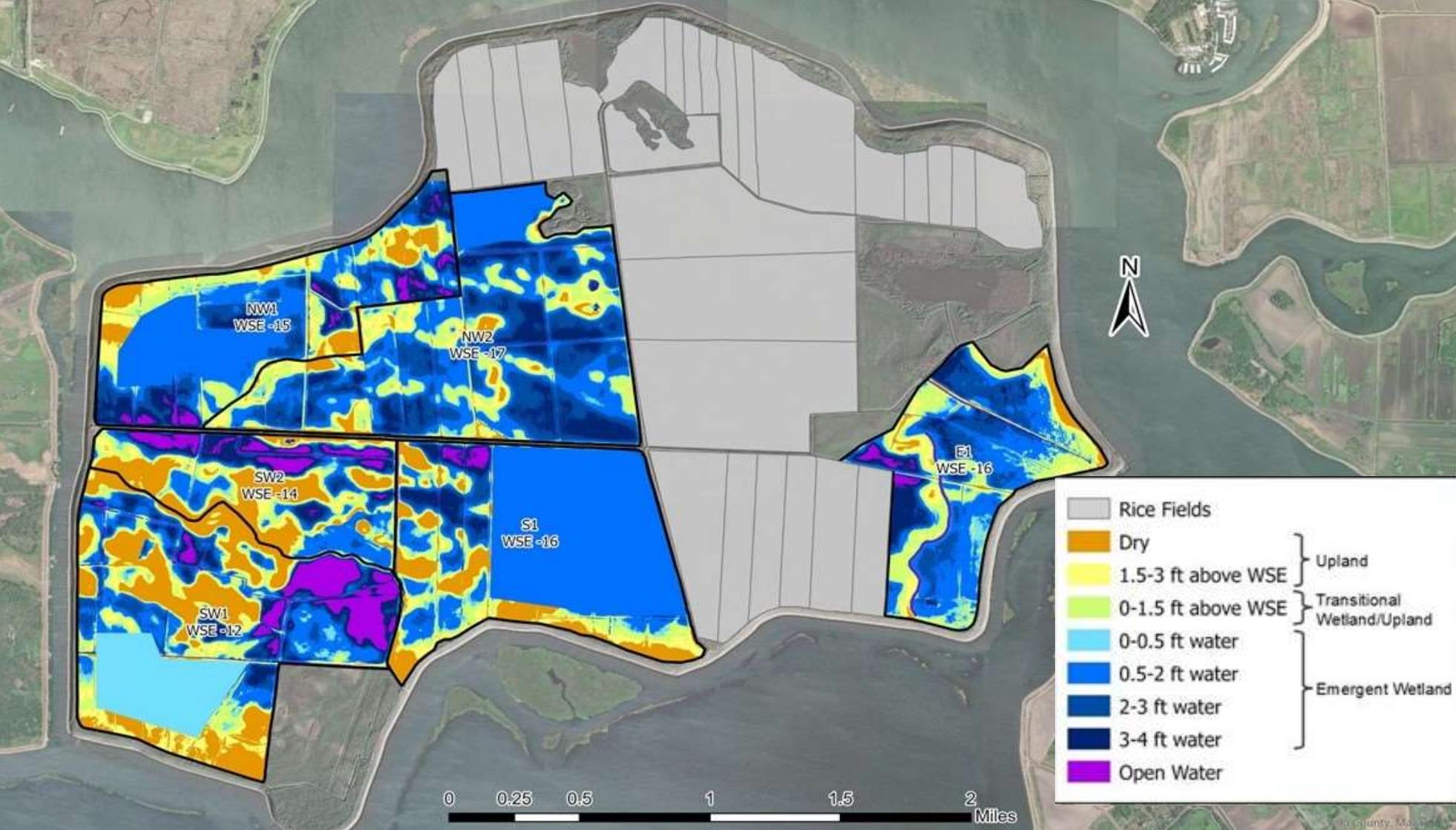


# Design Considerations & Constraints

- Restoring wetlands next to rice farm
- Preserve existing infrastructure (drainage systems, levees, access roads)
- Subsidence reversal and marsh expansion within wetland units
- Prioritize early inundation of remaining peat soils
- Island only accessible by ferry



# Proposed Wetland Project



# Webb Tract Acreage over Time

Habitat	Approx. initial developed acreage*	Estimated acreage after 15 years	Estimated subsidence reversal after 15 years
Uplands	537 ac	~318 ac	0 ft
Wetland – Upland Transition	310 ac	~219 ac	0 ft
Emergent Marsh	1,924 ac	2,234 ac	1.5 ft
Open Water	112 ac	112 ac	0 ft
<b>Total acreage within WMU boundaries</b>	<b>2,884 ac</b>	<b>2,884 ac</b>	<b>--</b>

\* Acreages above do not include avoided/preserved habitats outside of wetland management units.

# Environmental Compliance

- SERP received– July 2025
  - CDFW (Restoration Management Permit)
  - USACE (Regional General Permit 16)
    - USFWS Section 7 federal ESA Consultation
    - SHPO 106 Consultation
  - RWQCB (Statewide Restoration General Order)
- All permit applications submitted



# GHG Measurements on Webb Tract

- Eddy covariance stations installed 2024
  - Carbon dioxide flux
  - Methane flux
  - Nitrous oxide flux
  - Depth to groundwater
  - Temperature
  - Wind direction/speed



Eddy Covariant Tower Wetland



Eddy Covariant Tower Rice

# Estimated Greenhouse Gas Emissions Reductions

Type	Baseline emissions (tCO2e/yr)	Project emissions (tCO2e/yr)	Avg. annual reductions (tCO2e/yr)
Wetland (2,200 ac)	24,000	2,600	-21,400
Rice (1,361 ac)	16,800	10,200	-6,600
<b>Total (Credits)</b>	<b>40,880</b>	<b>12,800</b>	<b>-28,000</b>
<b>Range (\$\$)*</b>			<b>\$420k-\$840k</b>

\*Range uses \$15-\$30 per tCO2e

# Next Steps

- Obtain regulatory permits
- Complete final design (Fall 2025)
- Contractor bid solicitation in Q4 2025
- Board action to consider awarding construction contract (Spring 2026)
- Begin wetland construction (Spring 2026)



