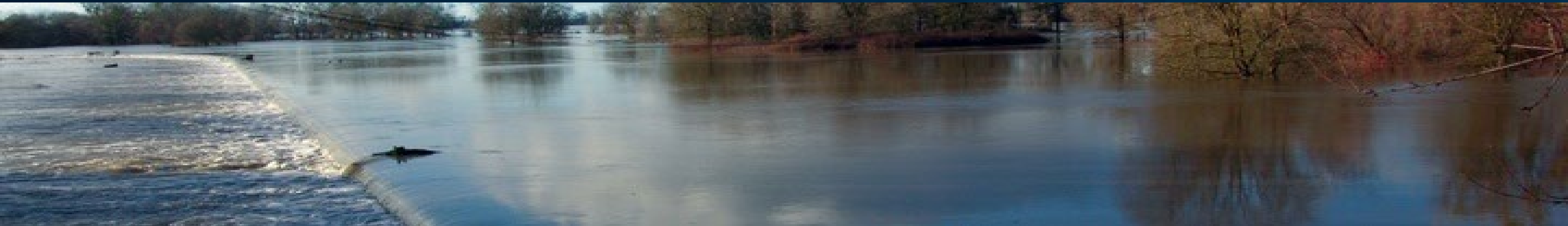


# YOLO BYPASS SALMONID HABITAT RESTORATION & FISH PASSAGE (BIG NOTCH) PROJECT INFORMATION IN SUPPORT OF RESOLUTIONS OF NECESSITY

November 16, 2022



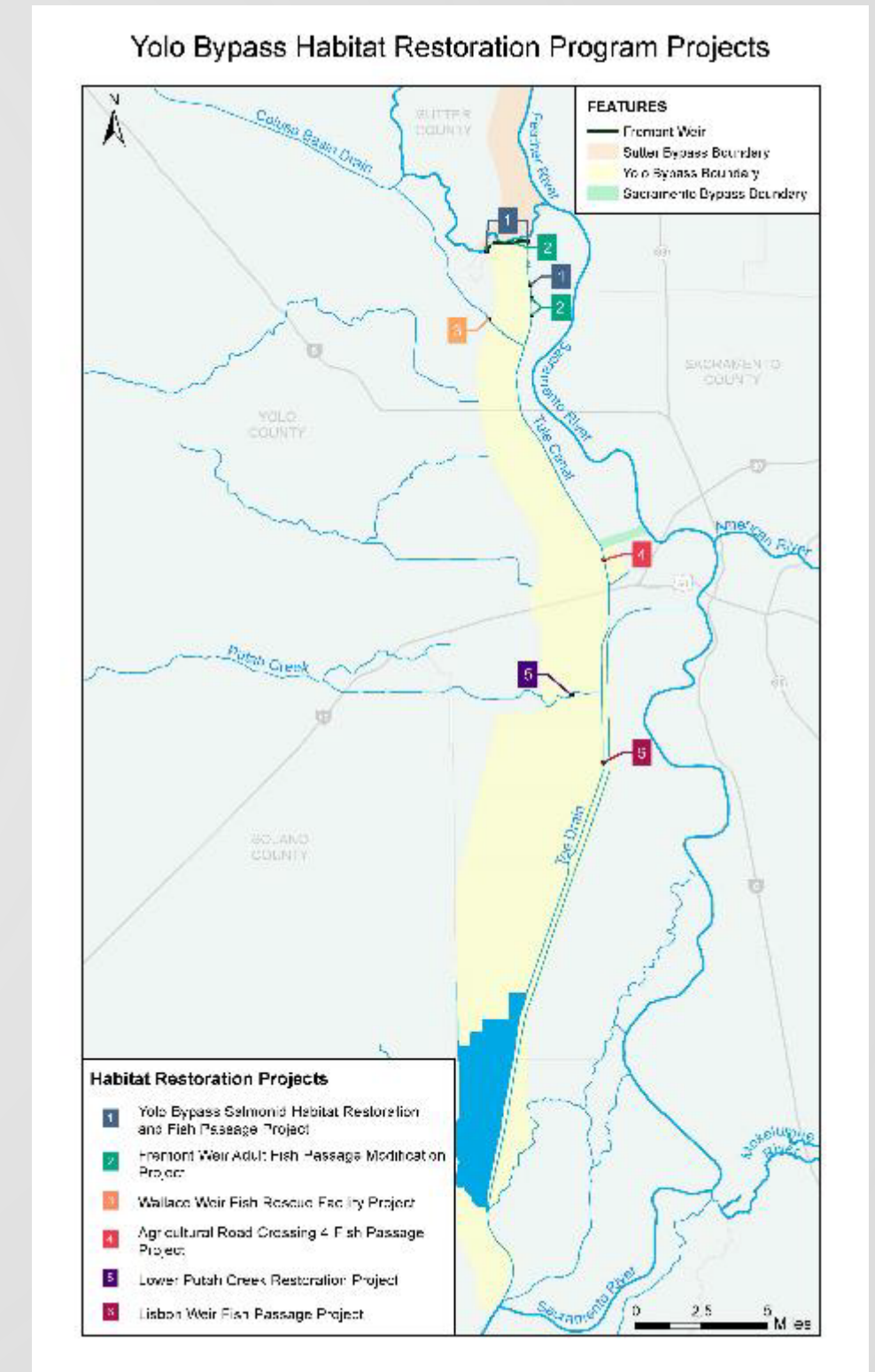
CALIFORNIA DEPARTMENT OF  
WATER RESOURCES

Catherine McCalvin, Manager  
Rachel Taylor, Attorney

# Project Necessity (CCP § 1245.230(c)(1)) and Public Use (CCP § 1245.230(a))

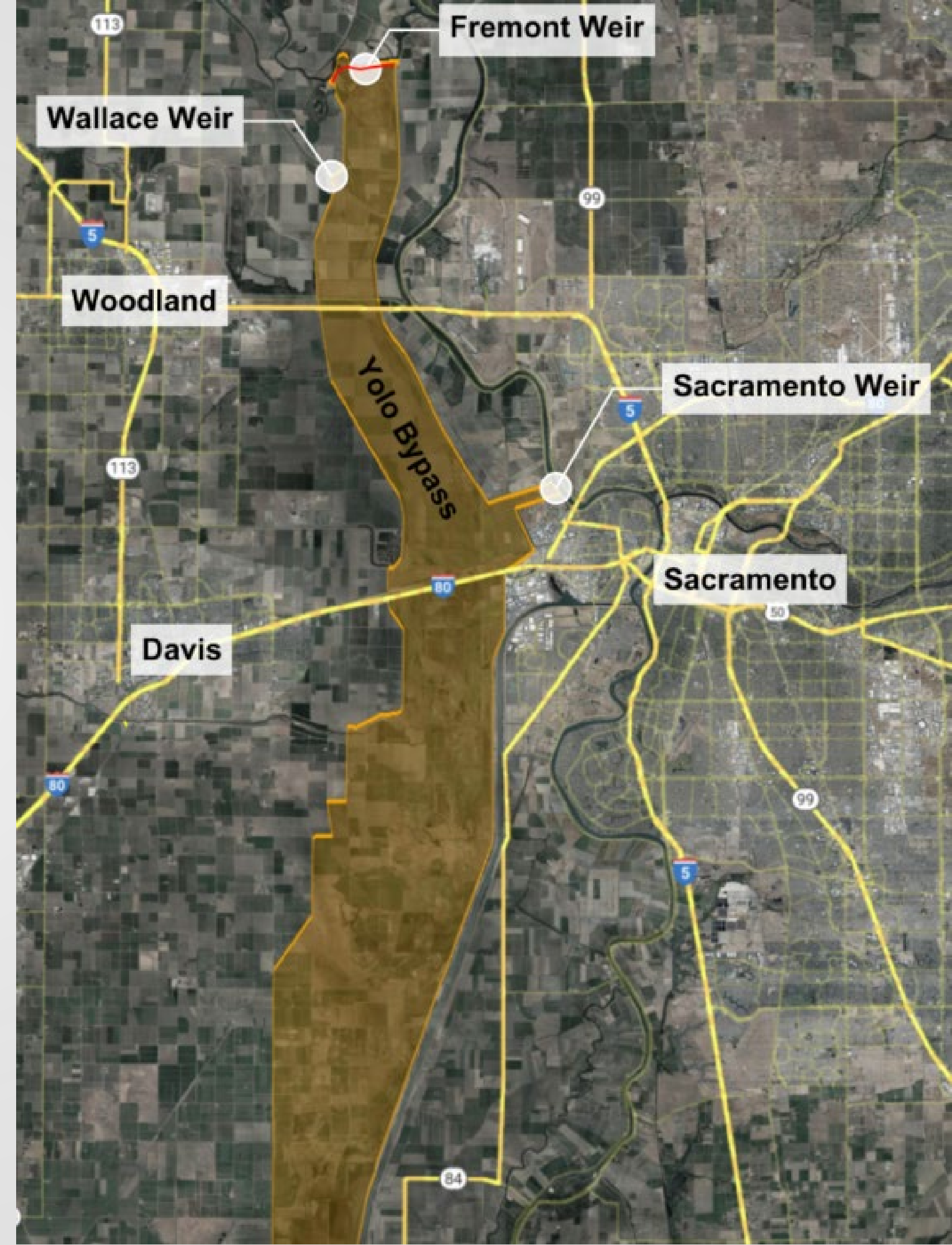
The Project will **enhance floodplain rearing habitat and fish passage** in the **Yolo Bypass** and is required for the long-term coordinated operations of the State Water Project and Central Valley Project compliance.

- 2019 National Marine Fisheries Service (NMFS) Biological Opinion (BO)
- 2020 California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP)

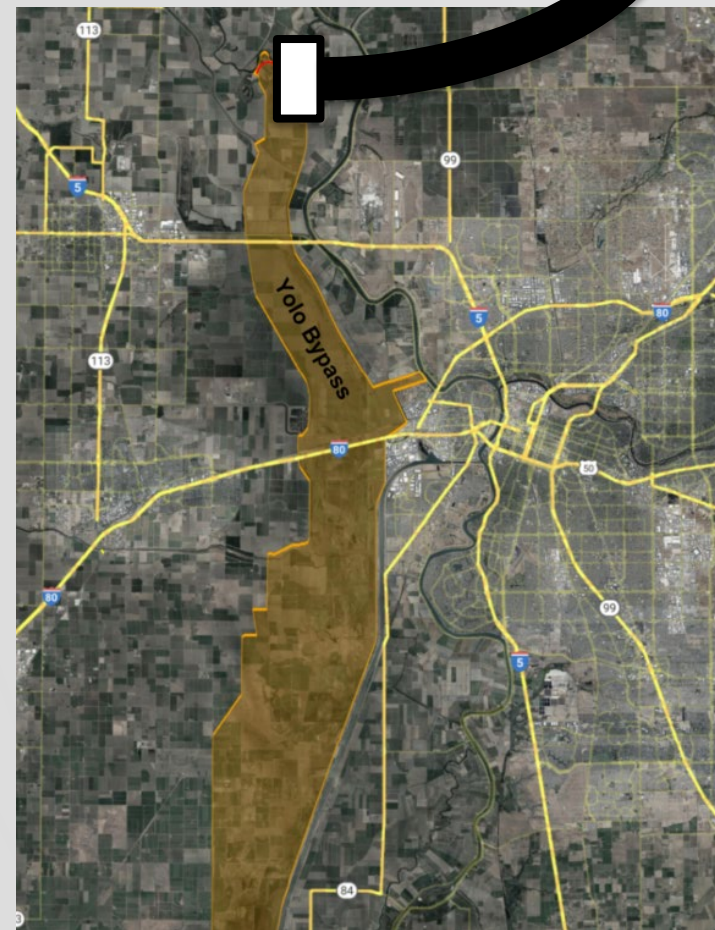


# Project Description

- Fremont Weir
  - Originally constructed 1924
  - 1.8-mile-long concrete passive weir and apron
  - State Plan of Flood Control facility
  - Diverts flood water into the Yolo Bypass
  - Disconnects the Sacramento River and the floodplain during fish migration periods
- Proposed BNP includes excavated channels and a gated headworks that reintroduce the connection for fisheries purposes



# Project Location

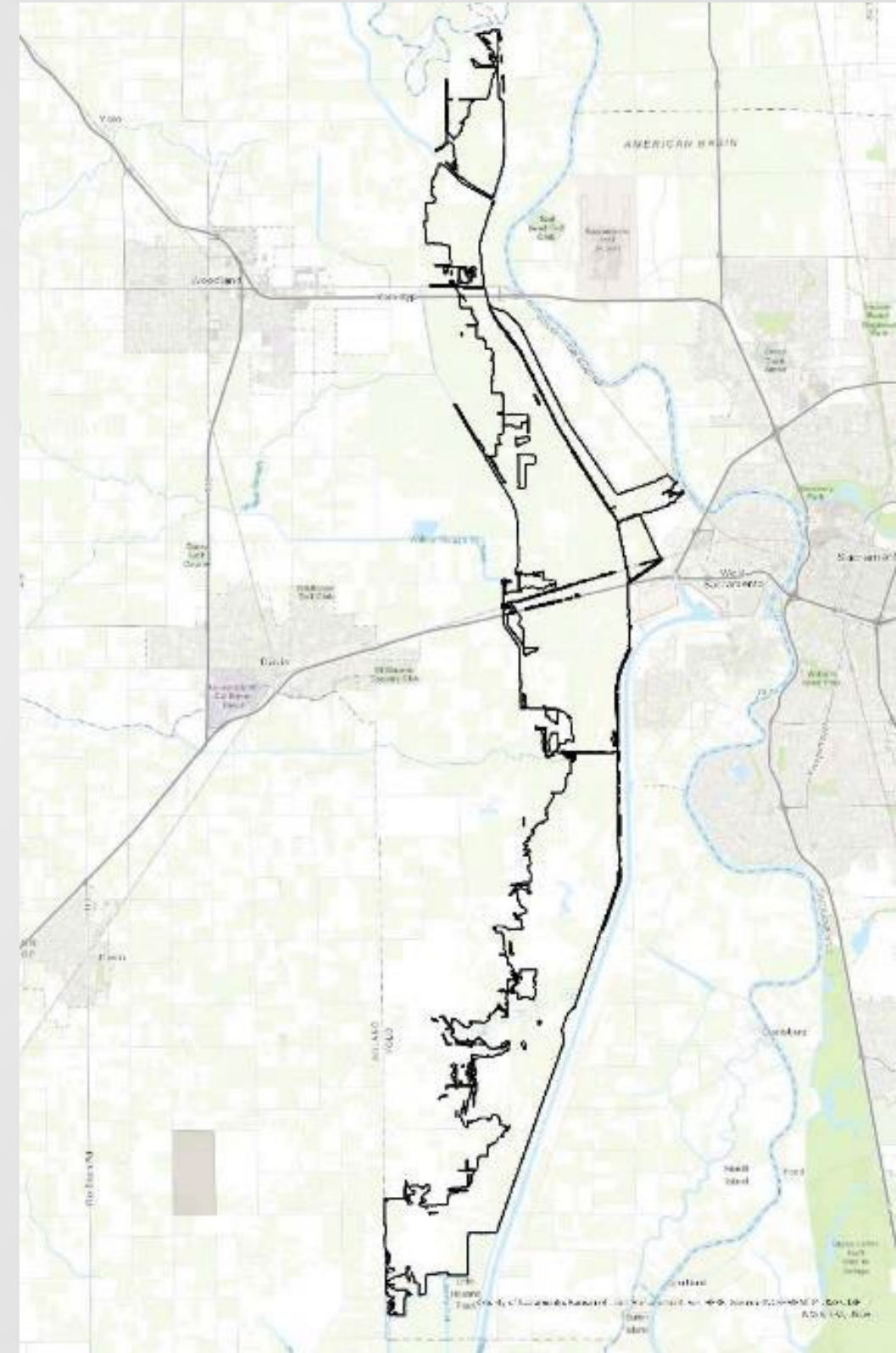


# Project Design (CCP § 1245.230(c)(2))

Alternative 1 - East Side Gated Notch  
Operation Period: November 1 – March 15

Three of the six alternatives studied were developed through coordination with various partners, including:

Department of Fish & Wildlife  
Yolo County  
Bureau of Reclamation  
NOAA - Fisheries  
NMFS  
Army Corps of Engineers  
US Fish and Wildlife  
Landowners  
Non-Governmental Organizations



# Environmental Compliance

- **July 19, 2019** - Department certified the Project Environmental Impact Statement/Environmental Impact Report and filed a Notice of Determination (SCH# 2013032004) in compliance with the California Environmental Quality Act.
- **September 19, 2019** - Reclamation issued the Record of Decision in compliance with the National Environmental Policy Act.
- **March 11, 2022** – Department filed the Notice of Exemption with the County of Yolo, in compliance with Public Resources Code § 21080.28, which provides a CEQA exemption to allow acquisition of properties for restoration purposes.



# DWR Eminent Domain Authority

DWR is seeking flowage easements for the purpose of fish passage as required mitigation for the long-term operations of the State Water Project.

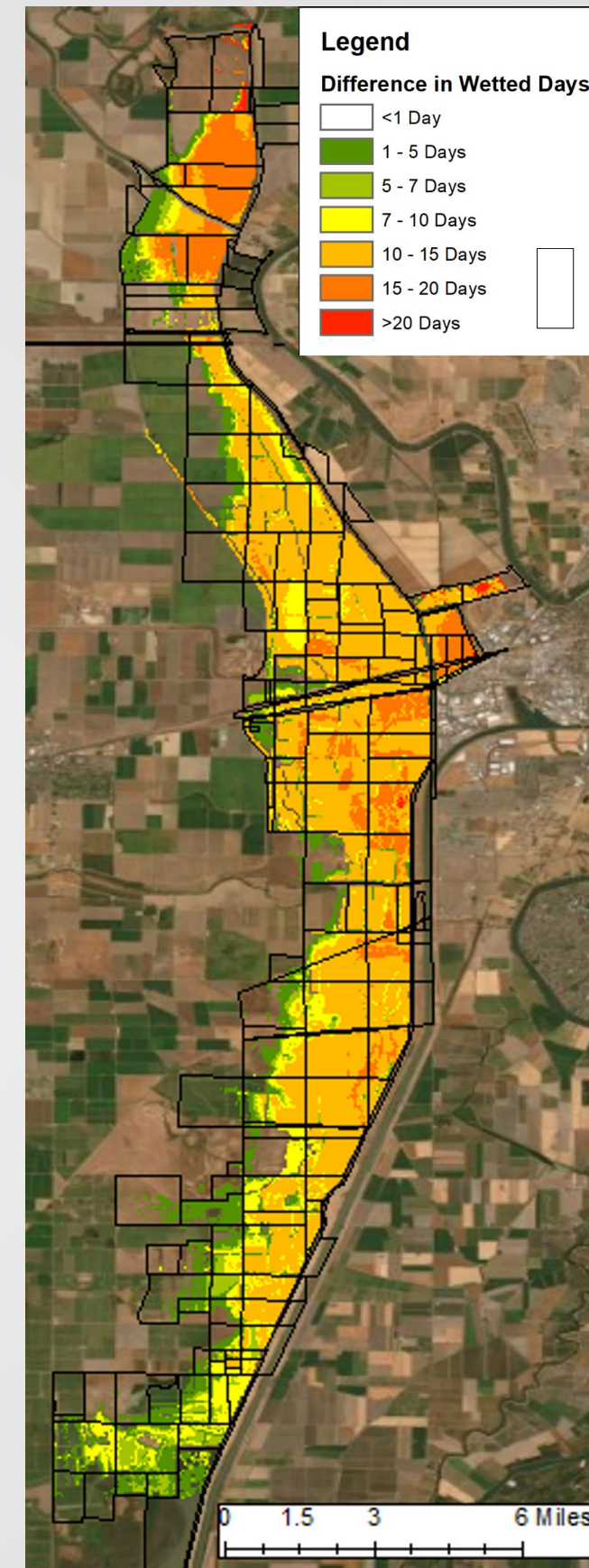
DWR has authority under Water Code §§ 250, 253, 258, 11575 and 11580 to acquire property rights required and necessary for the operation of the State Water Project.

California Code of Civil Procedure §§ 1245.210 and 1245.220 requires DWR to obtain a Resolution of Necessity from the Commission, as the appropriate governing body.

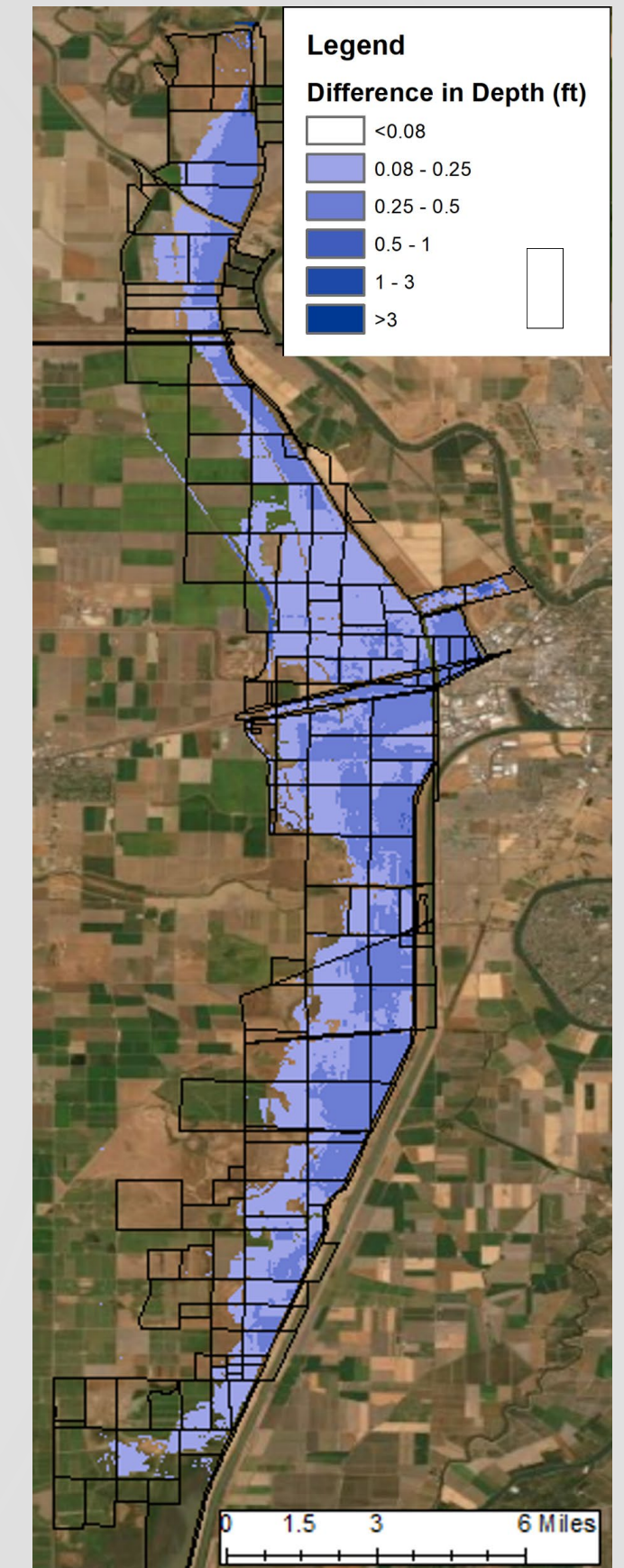


# Properties Impacted (CCP § 1245.230(c)(3))

- Impacts modeled using TUFLOW (inundation model):
  - 16 water years from 1997 to 2012
  - Figures averaged over those years
  - Analysis based on difference in wetted days and depth



Average Difference in Wetted Days



Average Difference in Depth (ft)





# Example

## Yolo Bypass Big Notch Project

APN: 008-010-013

Owner: PATRICK REALTY CORP.

Parcel area: 3.0 acres

Area within YB: 1.8 acres

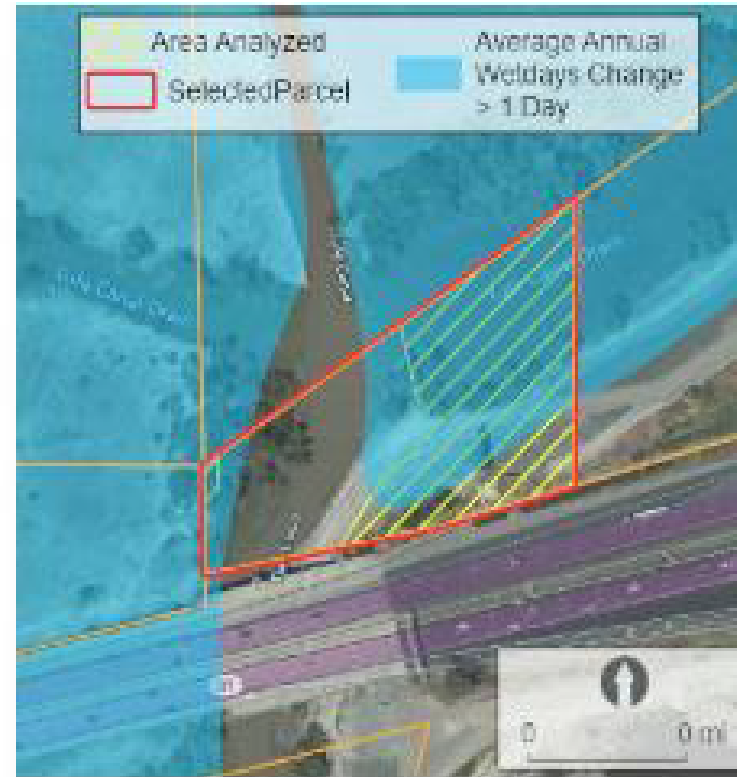
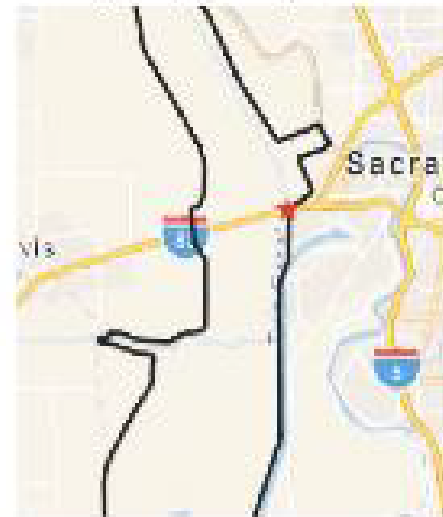
Annual wetted-days

Current: 158.2

Project: 162.2

Change: 4.1

Average depth change: 0.6



Water Year	Last Day Wet <sup>1</sup>		Wetdays <sup>1</sup>		Average Depth (ft)		
	Current	Project	Current	Project	Daily Change <sup>2</sup>	Current	Project
1997	06-30	06-30	178	180	0.3	4.7	4.8
1998	06-30	06-30	211	212	0.3	5.3	5.5
1999	06-26	06-28	178	188	1.2	3.4	4.2
2000	06-30	06-30	153	153	0.6	3.8	4.2
2001	06-29	06-30	133	136	0.4	1.5	1.8
2002	06-30	06-30	164	168	0.5	1.9	2.2
2003	06-30	06-30	188	180	0.8	3.0	3.8
2004	06-30	06-30	178	178	0.6	3.4	3.8
2005	06-30	06-30	242	242	0.2	3.0	3.2
2006	06-30	06-30	198	200	0.3	5.5	5.7
2007	04-21	05-08	139	147	0.6	0.8	1.2
2008	05-01	05-01	110	111	0.4	2.3	2.6
2009	04-17	06-07	63	71	1.0	1.6	2.4
2010	06-01	06-02	127	129	0.6	2.7	3.1
2011	06-30	06-30	204	205	0.7	3.4	3.9
2012	05-18	05-18	63	86	0.9	1.0	1.5

<sup>1</sup> Parcels are classified wet if 35% or more of a parcel area is wet to ignore shallow standing water

<sup>2</sup> Daily change is calculated for pixels and then averaged and may not be equal to project - current

	Monthly Average				Monthly Average Percent Area (%)													
	Depth (ft)		Wetdays		Dry		< 6 in		6-12 in		12-18 in		18-24 in		24-36 in		>36 in	
	Current	Project	Current	Project	Current	Project	Current	Project	Current	Project	Current	Project	Current	Project	Current	Project	Current	Project
November	1.2	1.2	4.9	4.9	92.4	92.2	2.5	2.2	1.0	0.8	0.5	1.2	2.2	2.2	1.6	0.9	0.0	0.4
December	2.6	3.3	16.2	16.8	73.5	71.6	2.7	1.9	3.0	2.2	2.9	2.1	3.5	3.5	5.4	5.1	8.9	13.6
January	4.5	4.9	22.8	23.2	59.0	57.5	3.2	2.4	4.2	3.3	3.8	1.5	2.2	2.4	2.5	4.4	25.0	28.4
February	4.1	4.5	25.4	26.3	50.9	48.0	2.8	3.0	5.0	3.5	4.7	4.0	2.5	2.2	7.4	5.9	26.7	33.5
March	3.8	4.1	30.1	30.4	48.1	46.5	5.6	3.5	6.6	5.4	4.3	4.8	3.9	3.7	5.6	5.6	25.8	30.6
April	3.1	3.3	25.4	26.0	56.4	54.9	8.5	8.3	4.3	3.8	4.3	3.4	4.4	3.1	5.1	5.5	17.2	20.9
May	2.2	2.6	17.2	15.2	72.5	70.2	6.0	6.0	3.5	3.5	2.3	1.3	2.7	2.1	4.0	3.8	9.1	13.1
June	1.7	1.7	16.1	16.3	74.2	73.8	6.5	6.6	4.9	5.0	4.5	4.2	2.5	2.6	3.2	3.3	4.2	4.4

All information provided by the Department of Water Resources made available to provide immediate access for those with a need of immediate parcels. While the Department believes the information to be reliable, human or mechanical error is a possibility. Therefore, the Department does not guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Neither the Department of Water Resources nor any of the sources of the information shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information.



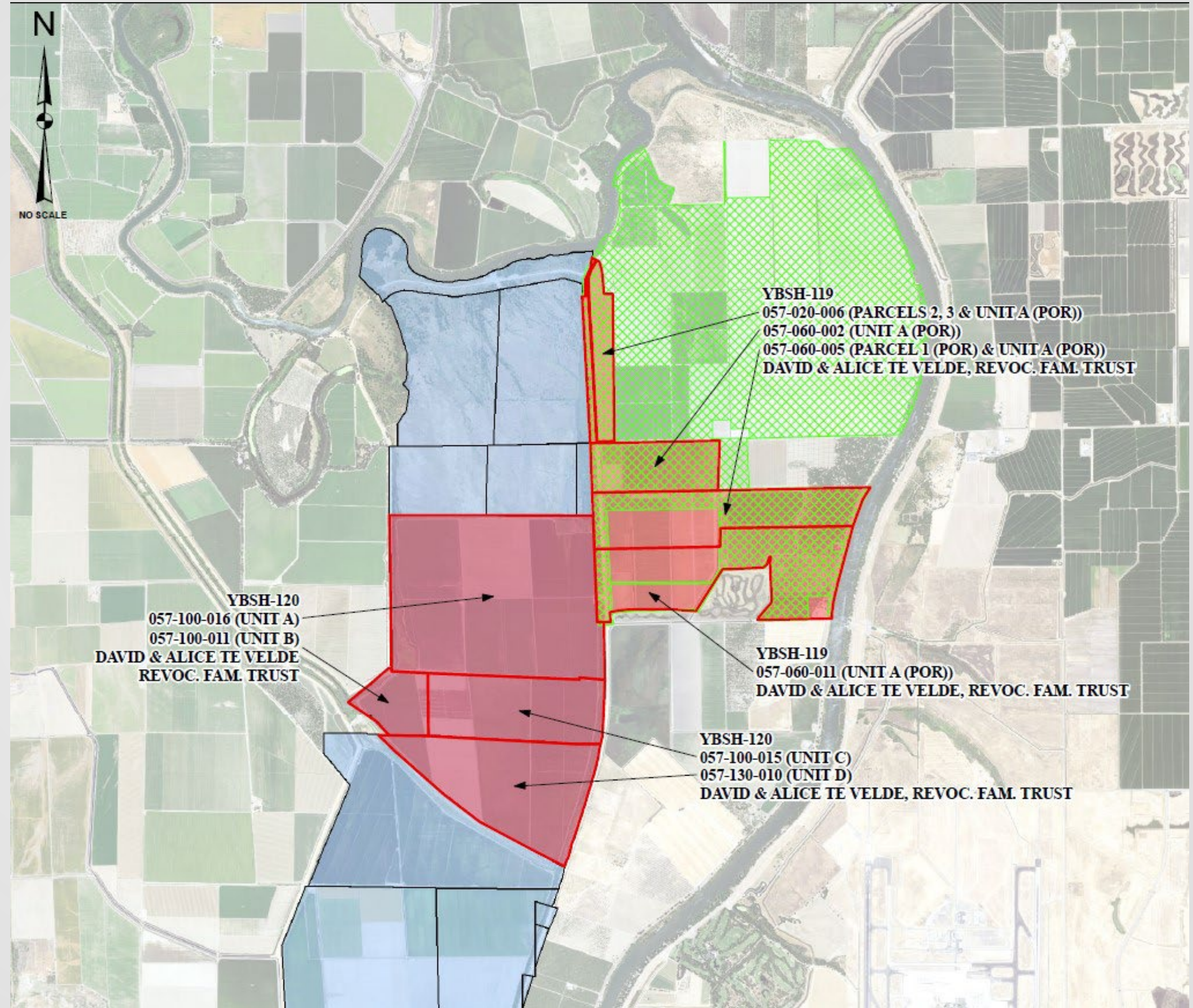
# Resolution of Necessity Findings

The governing body of the public entity has found and determined each of the following findings. CCP § 1245.230.

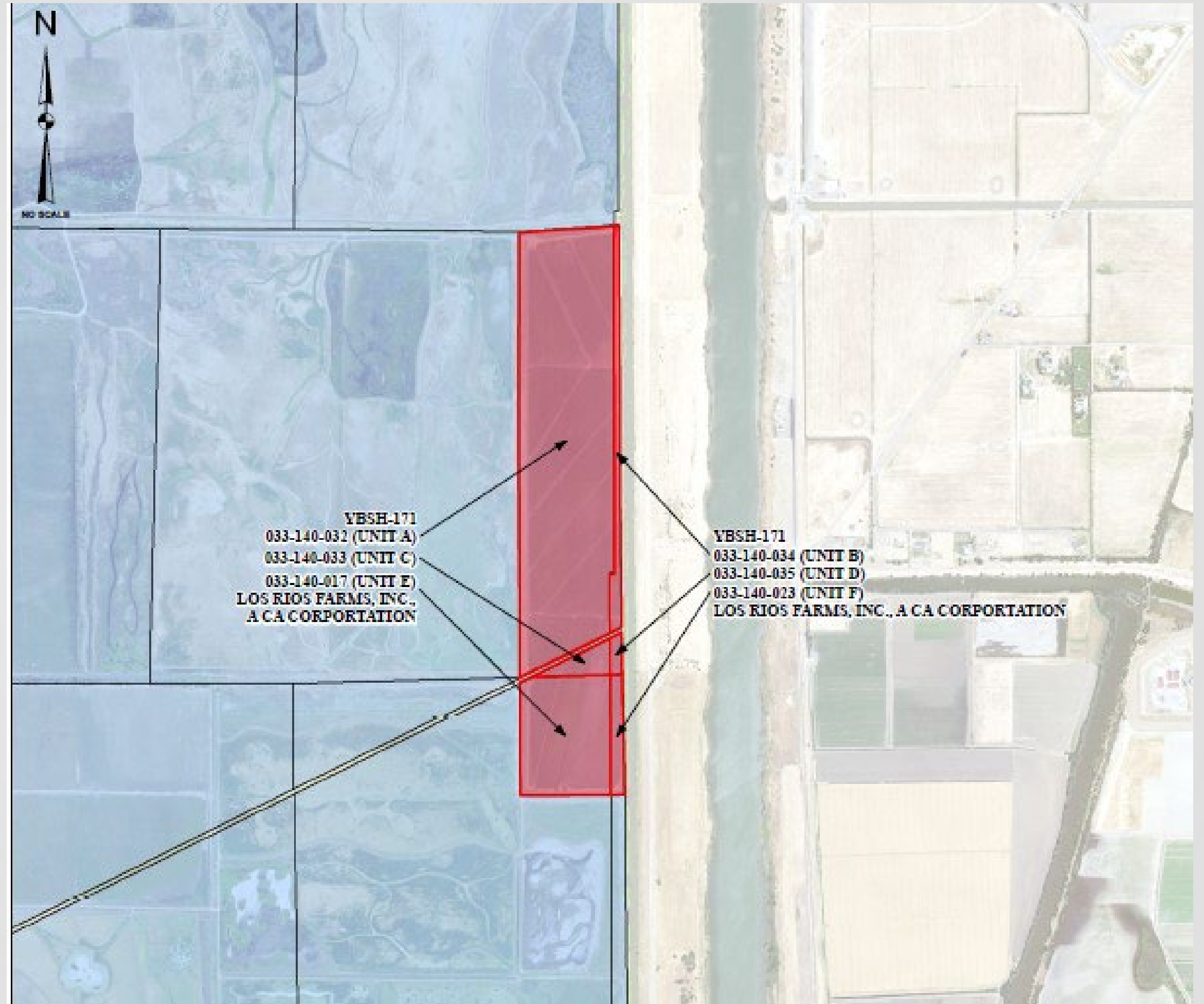
1. The public interest and necessity require the proposed project.
2. The proposed project is planned or located in the manner that will be most compatible with the greatest public good and the least private injury.
3. The property described in the resolution is necessary for the proposed project.
4. That either the offer required by Section 7267.2 of the Government Code has been made to the owner or owners of record, or the offer has not been made because the owner cannot be located with reasonable diligence.



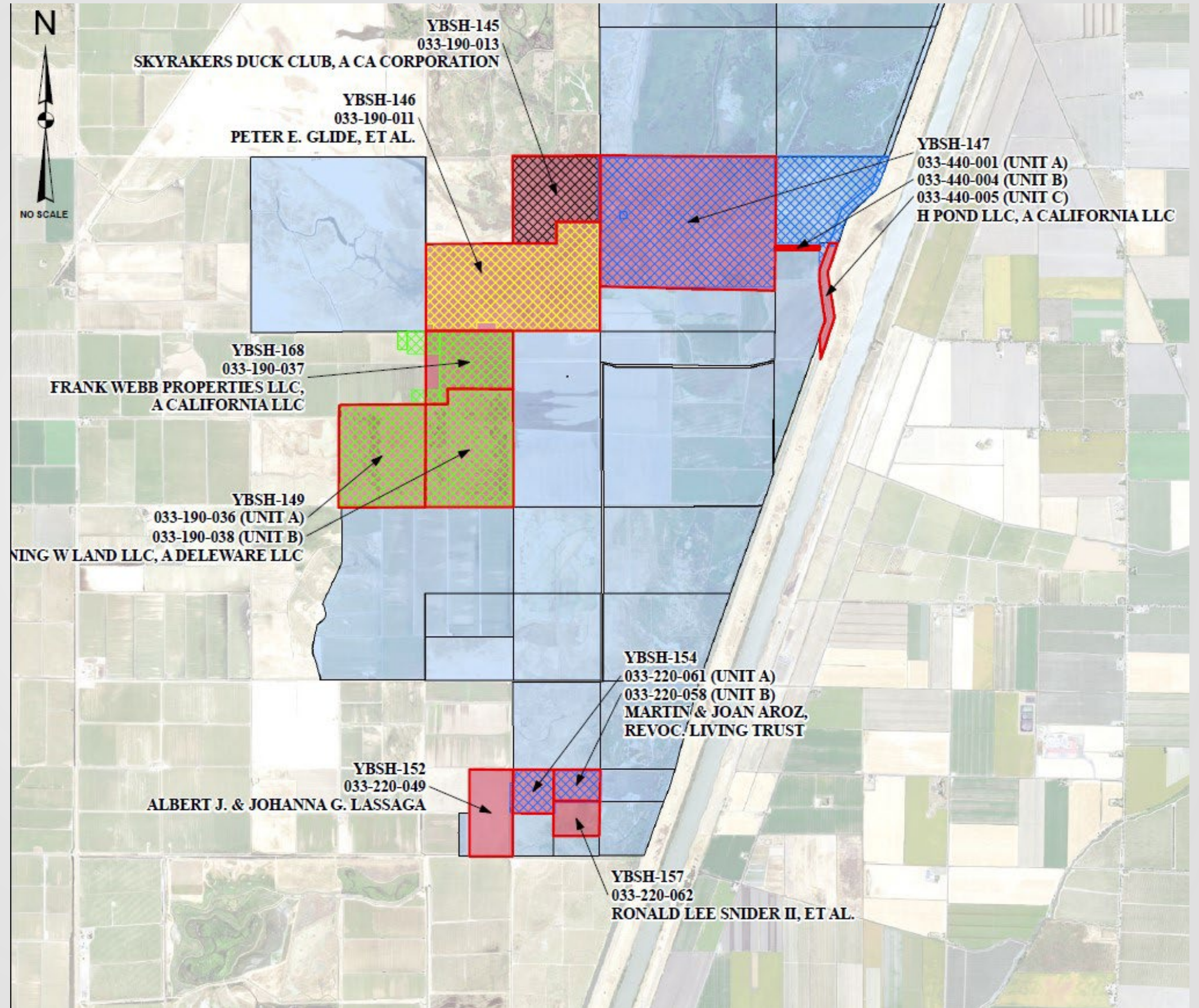
# Properties in Relation to the Project



# Properties in Relation to the Project



# Properties in Relation to the Project



# 8A. David & Alice Te Velde, Revocable Family Trust

**Owner of Record:** David and Alice Te Velde, Revocable Family Trust

APNs 057-100-016, 057-100-011, 057-100-015, 057-130-010, 057-020-006, 057-060-002, 057-060-005, and 057-060-011

DWR Parcel No YBSH-119 and -120

Acres: 7.49± Acres in Fee, 1,895.26± Acres as Easement

**First Written Offer (Govt. Code § 7267.2):** July 26, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** Wildlife Heritage Foundation

**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 21, 2022

Notice of Informational Hearing: September 26, 2022

**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 8B. Ronald Lee Snider II

**Owner of Record:** Ronald Lee Snider II

APN 033-220-062

DWR Parcel No. YBSH-157

Acres: 30±

**First Written Offer (Govt. Code § 7267.2):** July 13, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022



# 8C. Martin J. Aroz and Joan M. Aroz Revocable Living Trust, U/A

**Owner of Record:** Martin J. Aroz and Joan M. Aroz Revocable Living Trust, U/A  
APNs 033-220-058 and 033-220-061  
DWR Parcel No YBSH-154  
Acres: 70±

**First Written Offer (Govt. Code § 7267.2):** August 3, 2022  
Notice of Informational Hearing (CWC Procedures): September 26, 2022  
**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** United States Fish and Wildlife Service  
**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 14, 2022  
Notice of Informational Hearing: September 26, 2022  
**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022





# 8D. Frank Webb Properties LLC, a California limited liability company

**Owner of Record:** Frank Webb Properties LLC, a CA limited liability company

APN 033-190-037

DWR Parcel No YBSH-168

Acres: 115±

**First Written Offer (Govt. Code § 7267.2):** July 21, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** Wildlife Heritage Foundation

**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 21, 2022

Notice of Informational Hearing: September 26, 2022

**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 8E. Running W Land LLC, Delaware limited liability company

**Owner of Record:** Running W Land LLC, Delaware limited liability company

APNs 033-190-036- and 033-190-038

DWR Parcel No YBSH-149

Acres: 390±

**First Written Offer (Govt. Code § 7267.2):** July 21, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** Wildlife Heritage Foundation

**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 20, 2022

Notice of Informational Hearing: September 26, 2022

**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 8F. Albert J. Lassaga and Johanna G. Lassaga

**Owner of Record:** Albert J. Lassaga and Johanna G. Lassaga

APN 033-220-049

DWR Parcel No YBSH-152

Acres: 80±

**First Written Offer (Govt. Code § 7267.2):** July 26, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022



# 8G. H Pond LLC, a California Limited Liability Company

**Owner of Record:** H Pond LLC, a California Limited Liability Company  
APNs 033-440-001, 033-440-004, and 033-440-005  
DWR Parcel No YBSH-147  
Acres: 499.52±

**First Written Offer (Govt. Code § 7267.2):** July 19, 2022  
Notice of Informational Hearing (CWC Procedures): September 26, 2022  
**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** United States Fish and Wildlife Service  
**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 19, 2022  
Notice of Informational Hearing: September 26, 2022  
**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 8H. Skyrakers Duck Club, a California Corporation

**Owner of Record:** Skyrakers Duck Club, a California Corporation

APN 033-190-013

DWR Parcel No YBSH-145

Acres: 140±

**First Written Offer (Govt. Code § 7267.2):** July 21, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** Wildlife Conservation Board

**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 19, 2022

Notice of Informational Hearing: September 26, 2022

**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 81. Peter E. Glide, et. al.

**Owner of Record:** Peter E. Glide, et. al.

APN 033-190-011

DWR Parcel No YBSH-146

Acres: 340±

**First Written Offer (Govt. Code § 7267.2):** July 21, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

**Conservation Easement Holders:** Natural Resources Conservation Service

**Notice of Intent to Acquire (CCP § 1240.055(c)):** July 20, 2022

Notice of Informational Hearing: September 26, 2022

**Notice of RON Hearing (CCP § 1240.055(c)):** October 25, 2022



# 8J. Los Rios Farms, Inc., a California Corporation

**Owner of Record:** Los Rios Farms, Inc., a California Corporation

APNs 033-140-017, 033-140-023, 033-140-032, 033-140-033, 033-140-034, and 033-140-035

DWR Parcel No YBSH-171

Acres: 188.23±

**First Written Offer (Govt. Code § 7267.2):** July 19, 2022

Notice of Informational Hearing (CWC Procedures): September 26, 2022

**Notice of RON Hearing (CCP § 1245.235):** October 25, 2022

