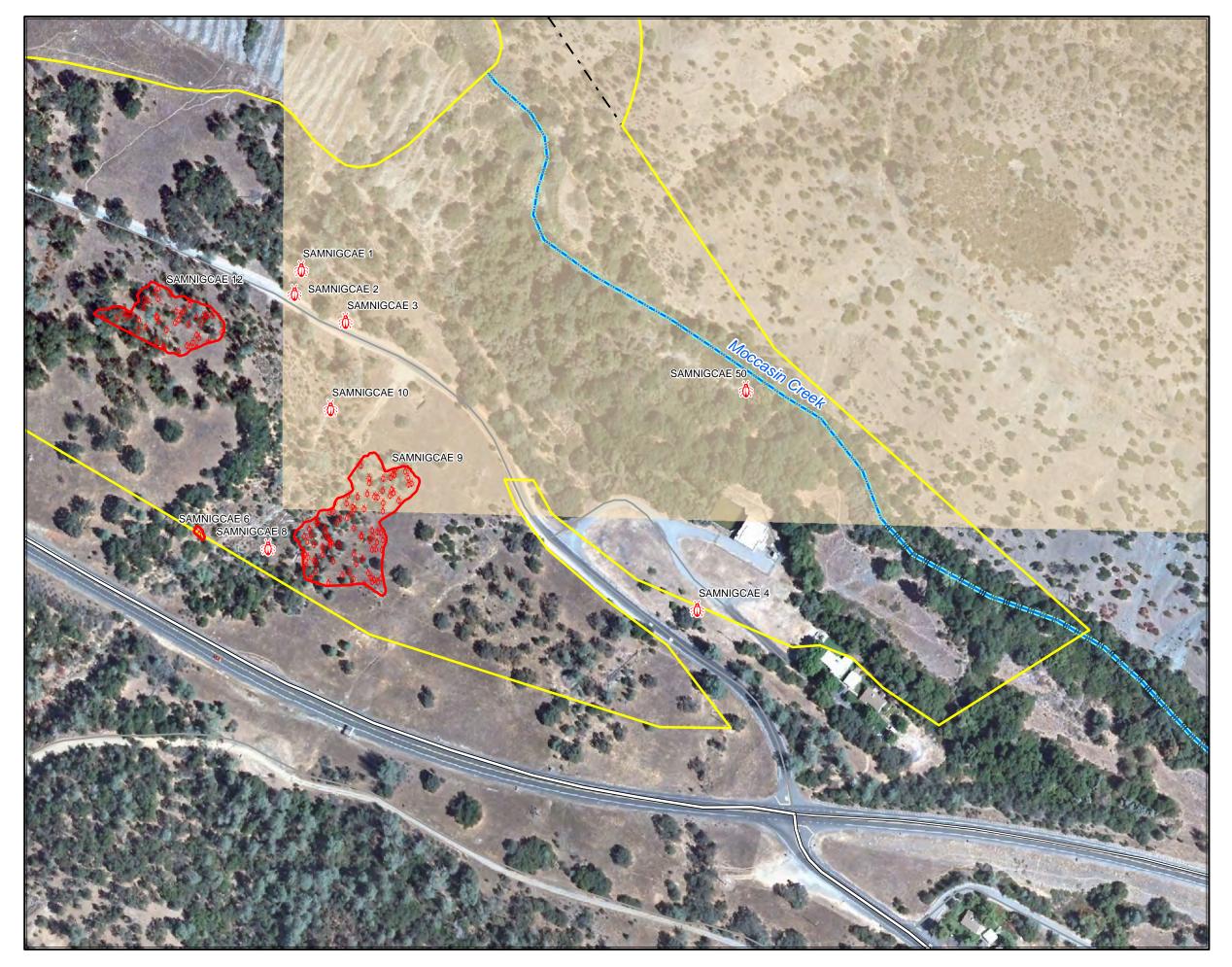
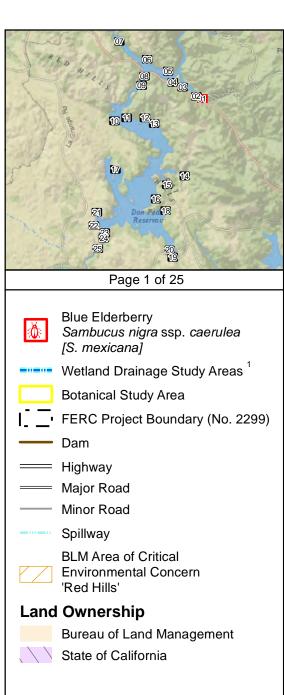
## STUDY REPORT TR-05 ENDANGERED SPECIES ACT-LISTED WILDLIFE – VALLEY ELDERBERRY LONGHORN BEETLE

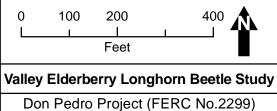
## ATTACHMENT A

## **ELDERBERRY LOCATIONS: FIGURES 1 to 25**

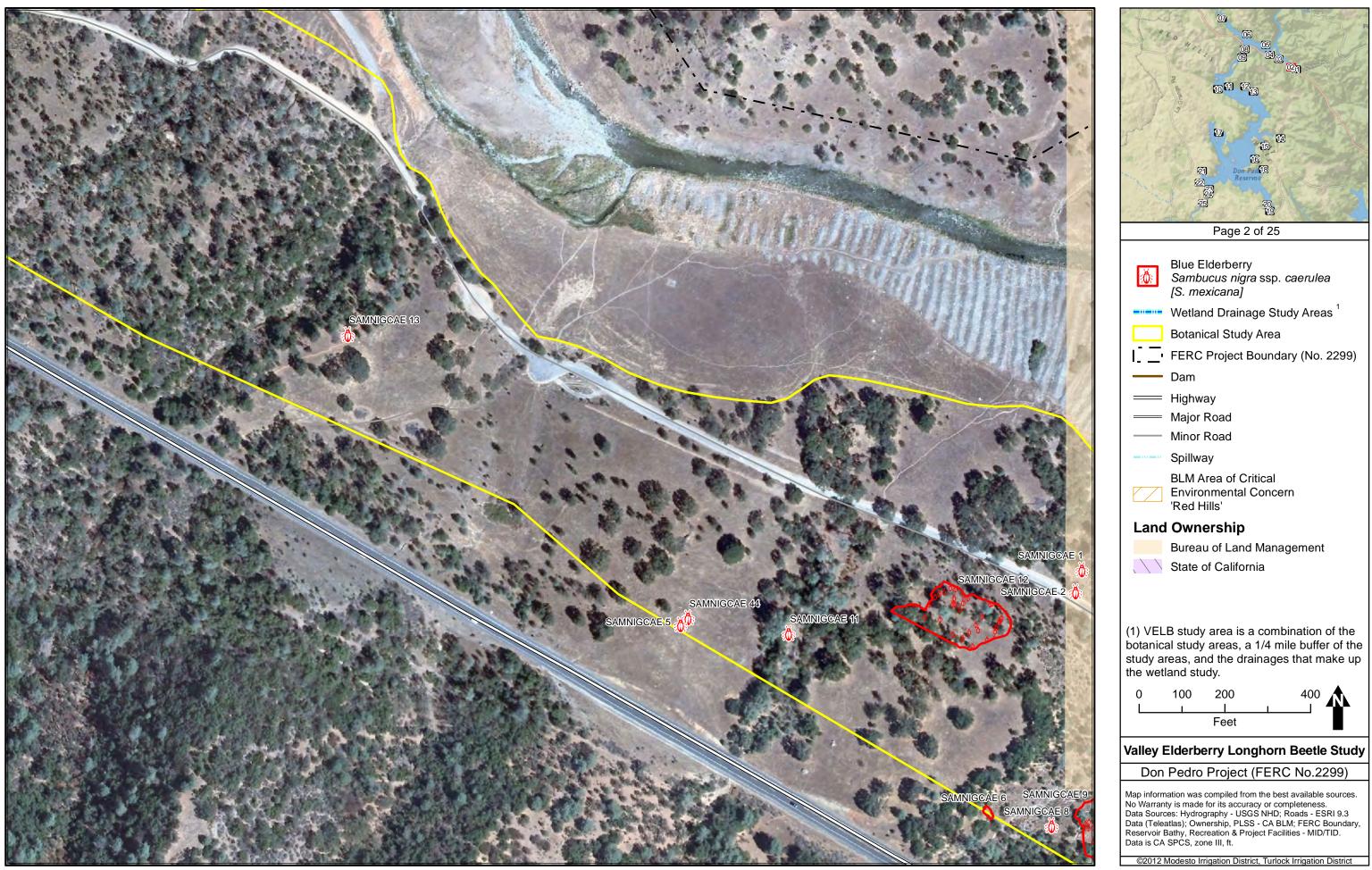


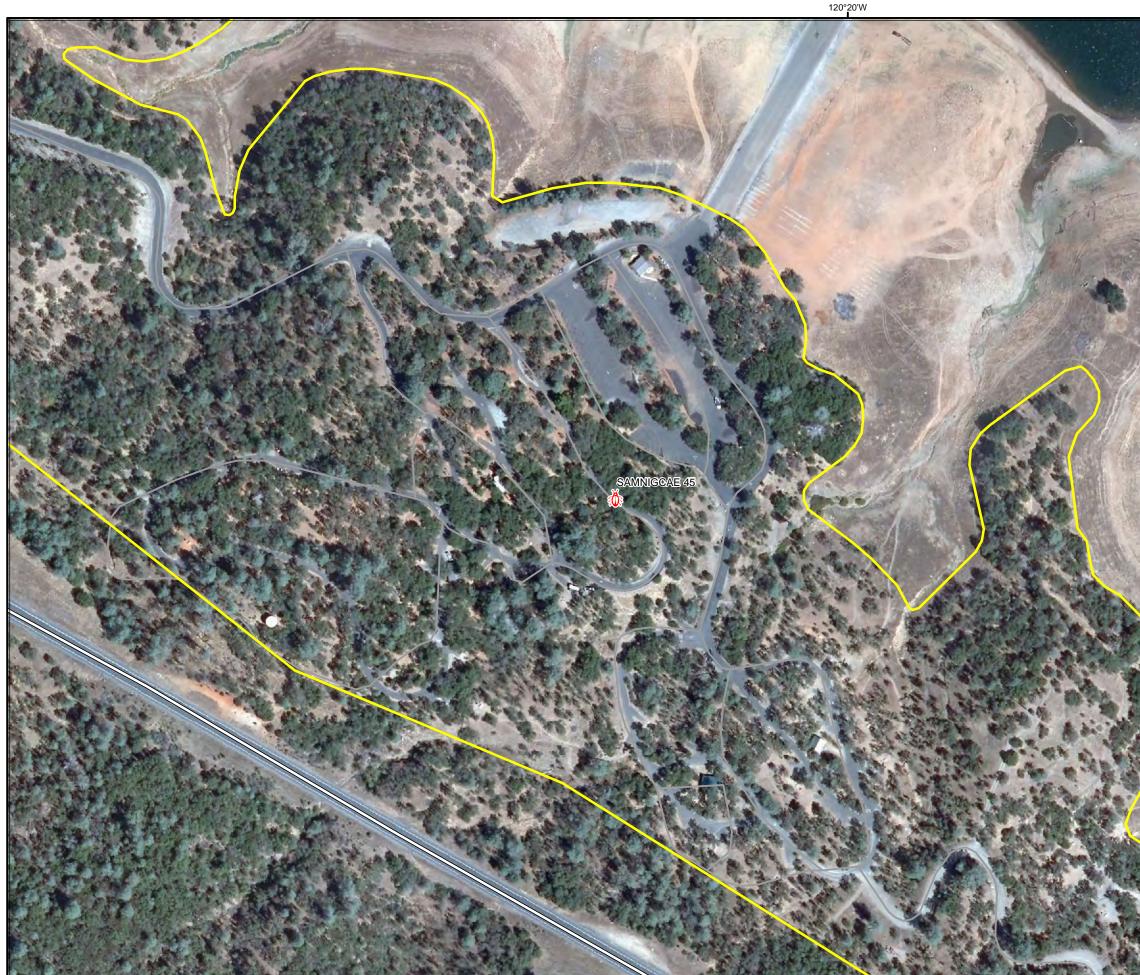


(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.

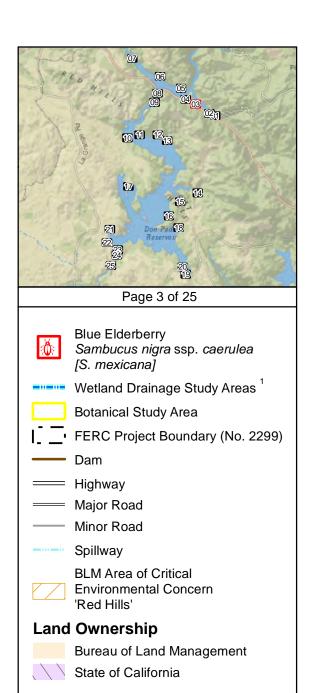


Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.

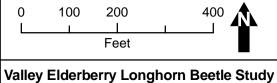






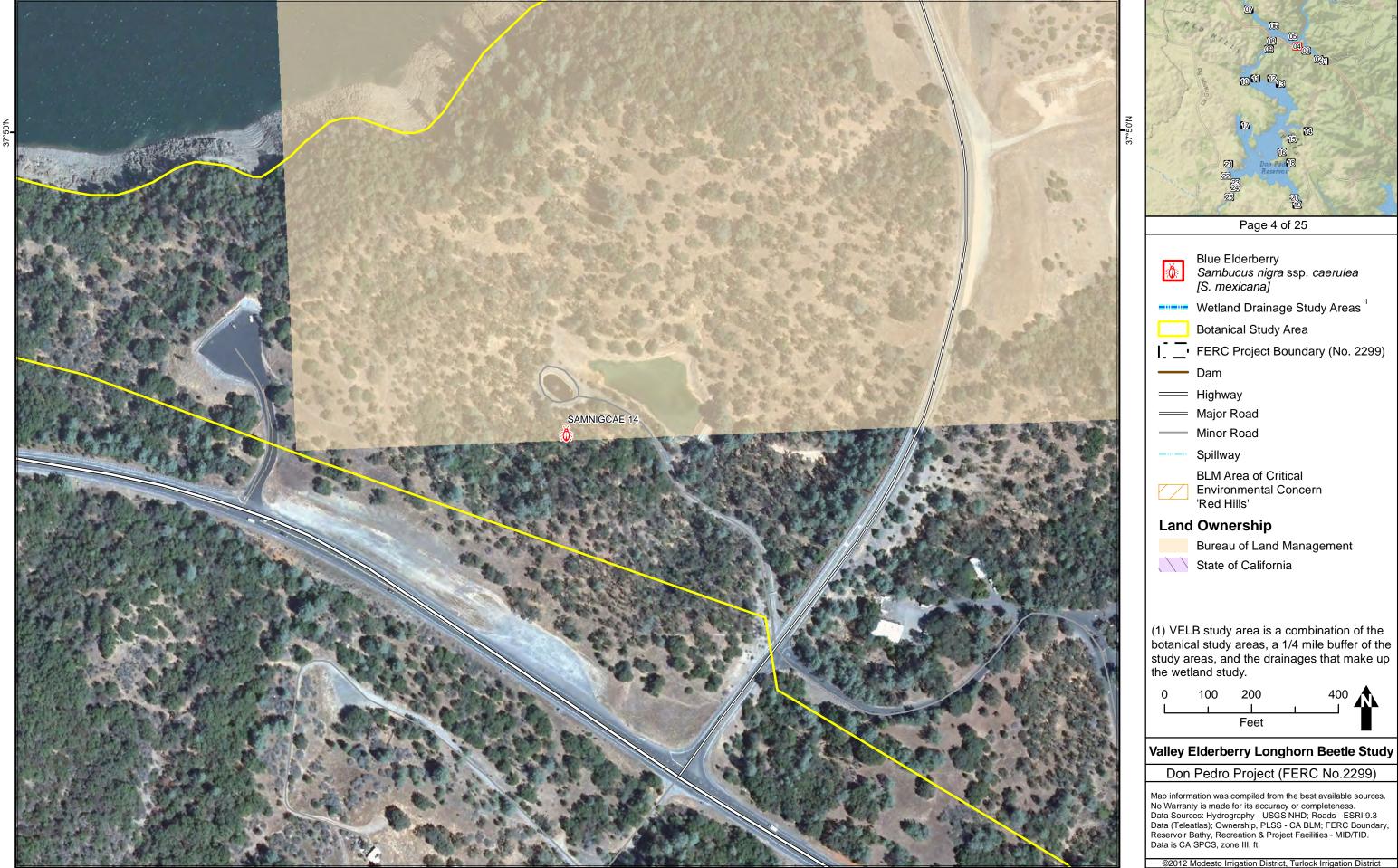


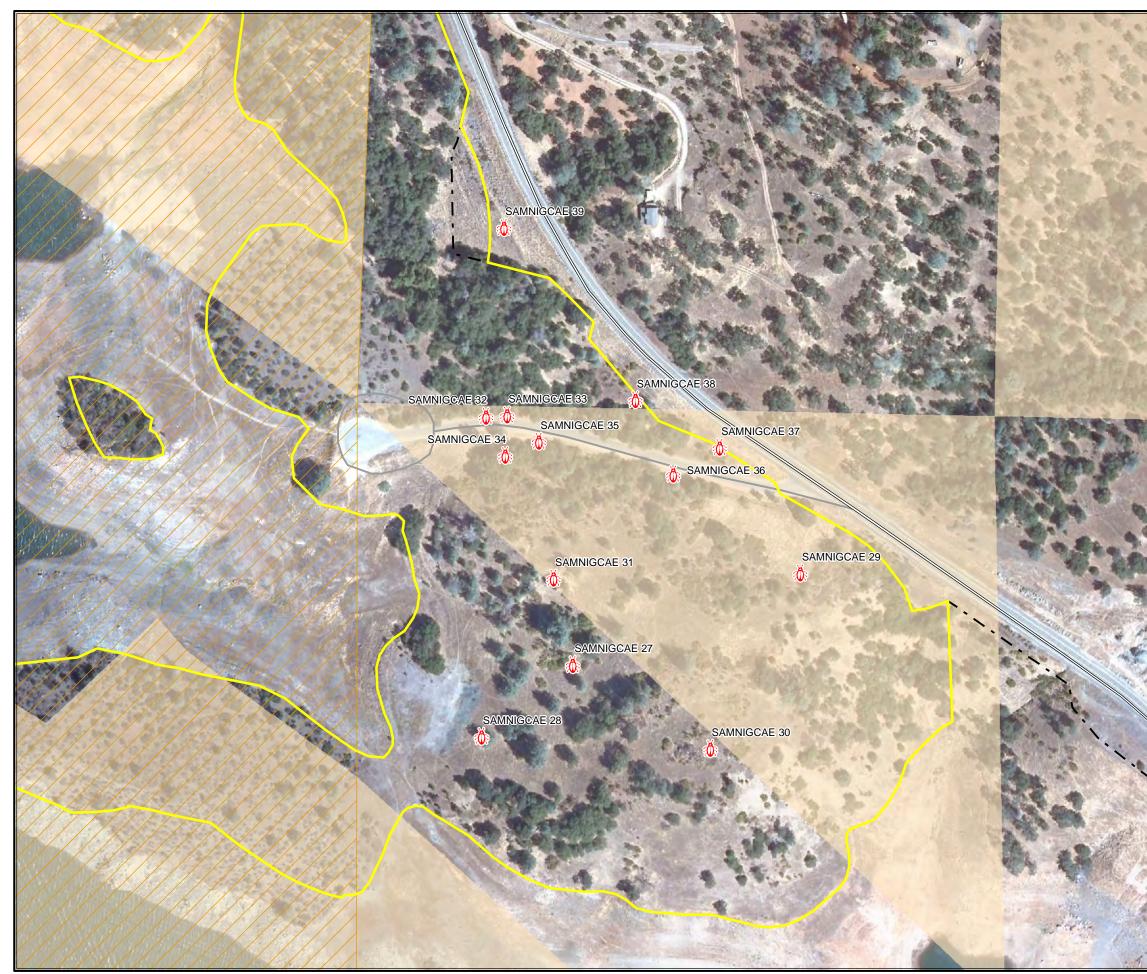
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



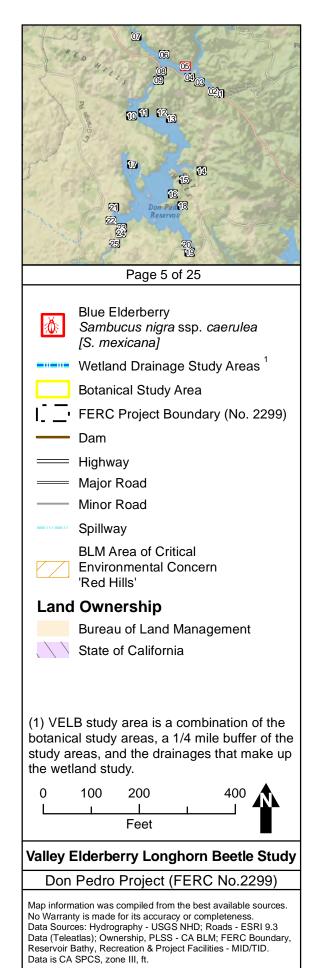
Don Pedro Project (FERC No.2299)

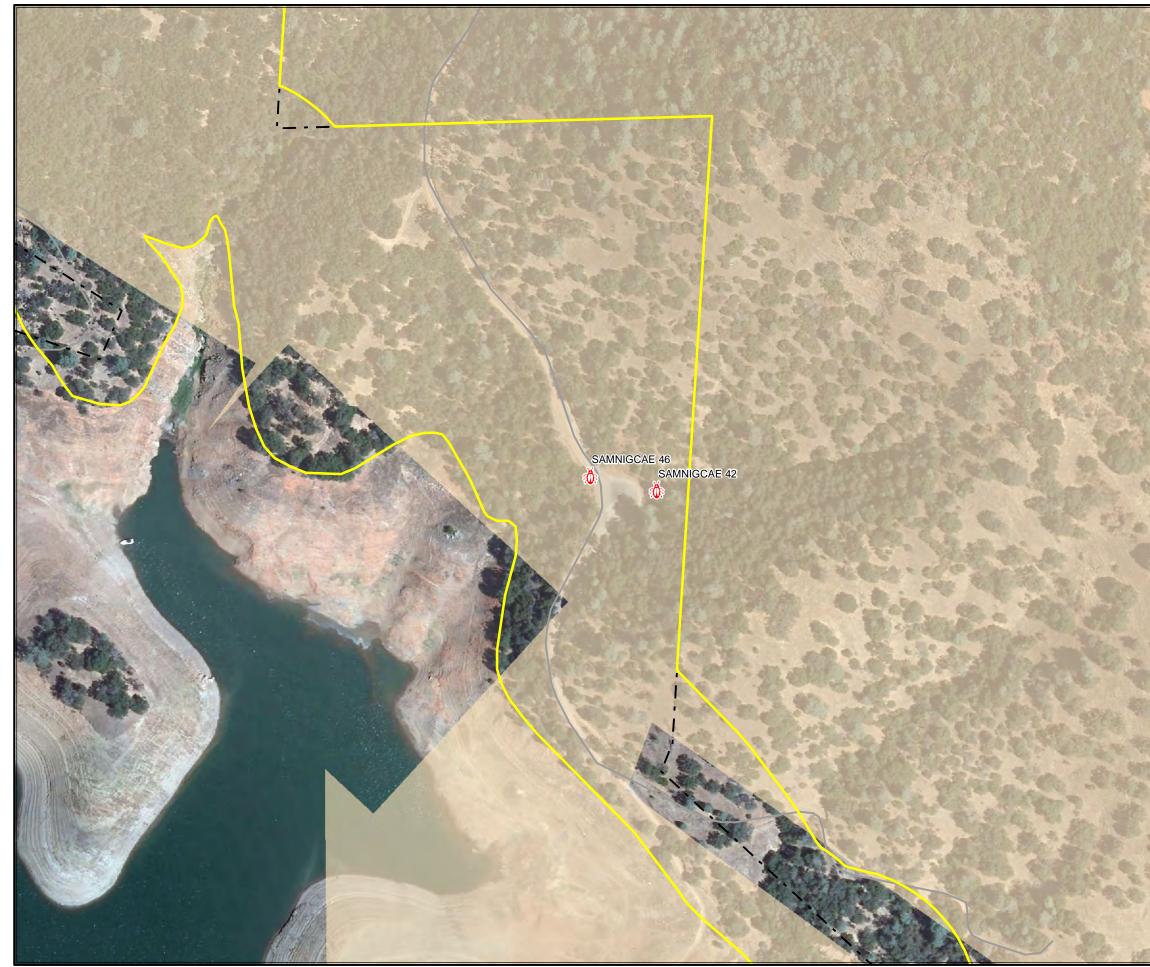
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.



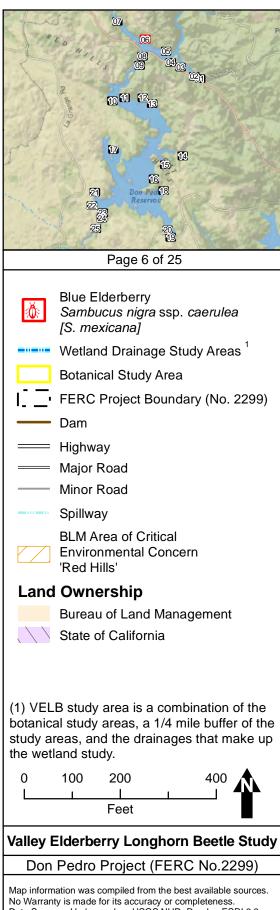






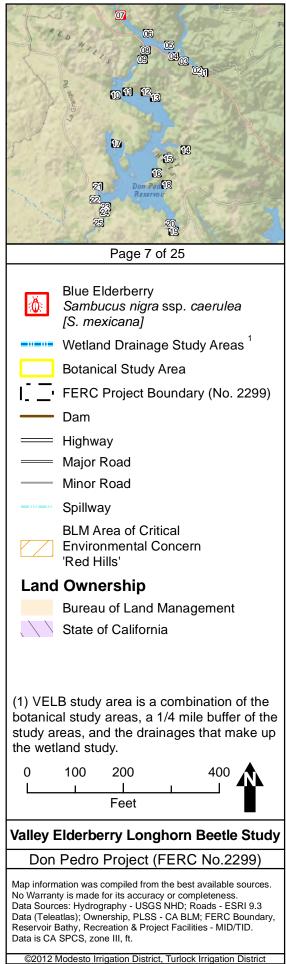


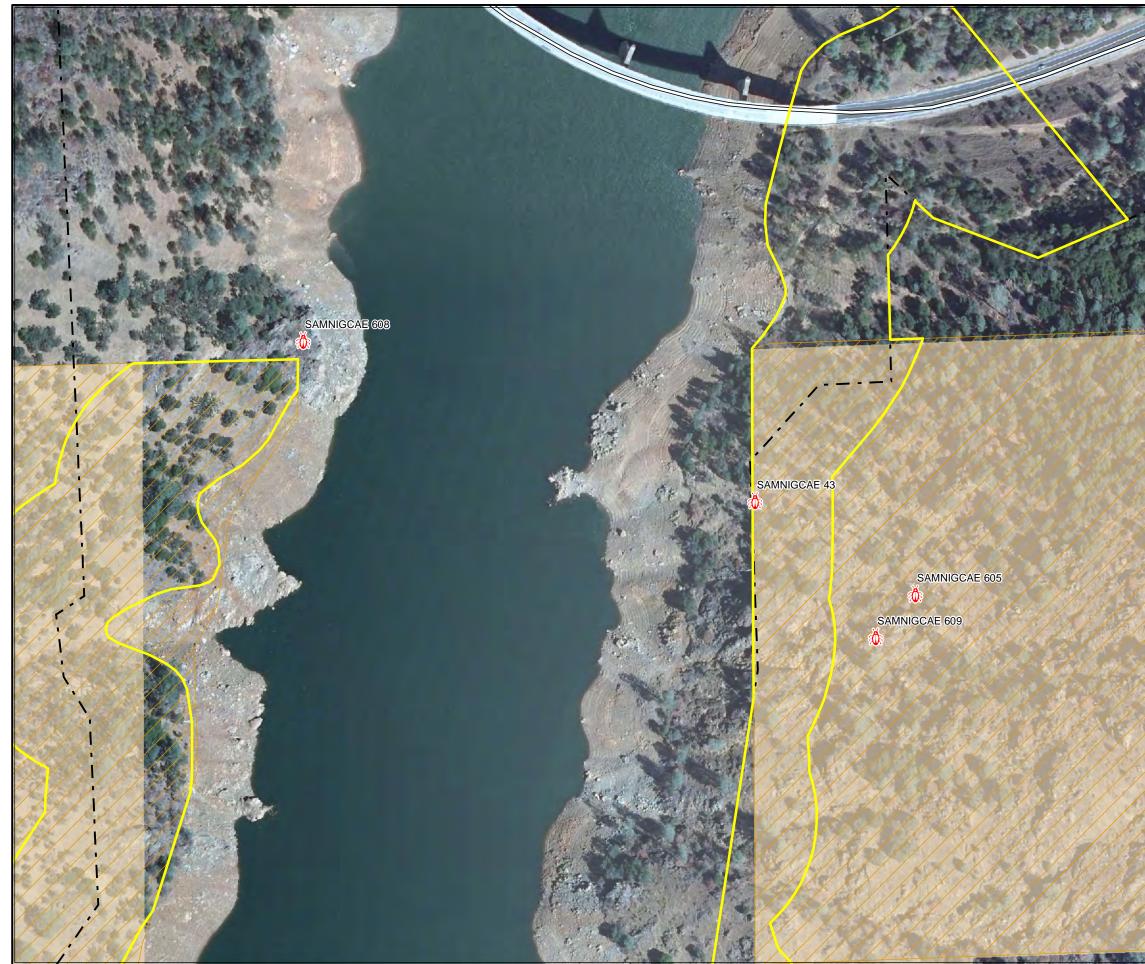




Map information was complied from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





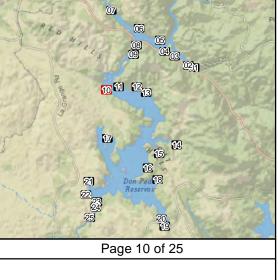












- ð,
- Blue Elderberry Sambucus nigra ssp. caerulea [S. mexicana]
- ••••••• Wetland Drainage Study Areas<sup>1</sup>
- Botanical Study Area
- FERC Project Boundary (No. 2299)

- Highway
- Major Road
- Minor Road
- Spillway

BLM Area of Critical Environmental Concern 'Red Hills'

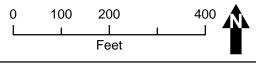
Land Ownership



 $\nabla_{/}$ 

- Bureau of Land Management
- State of California

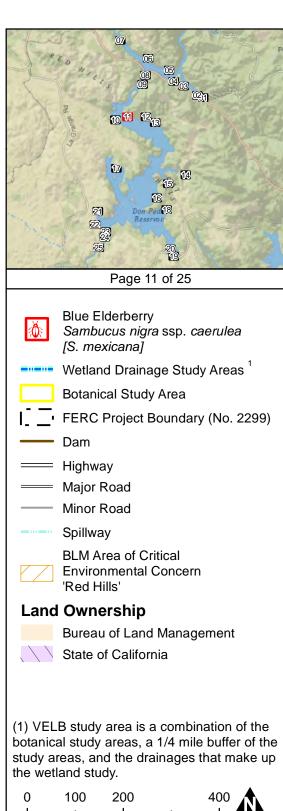
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.

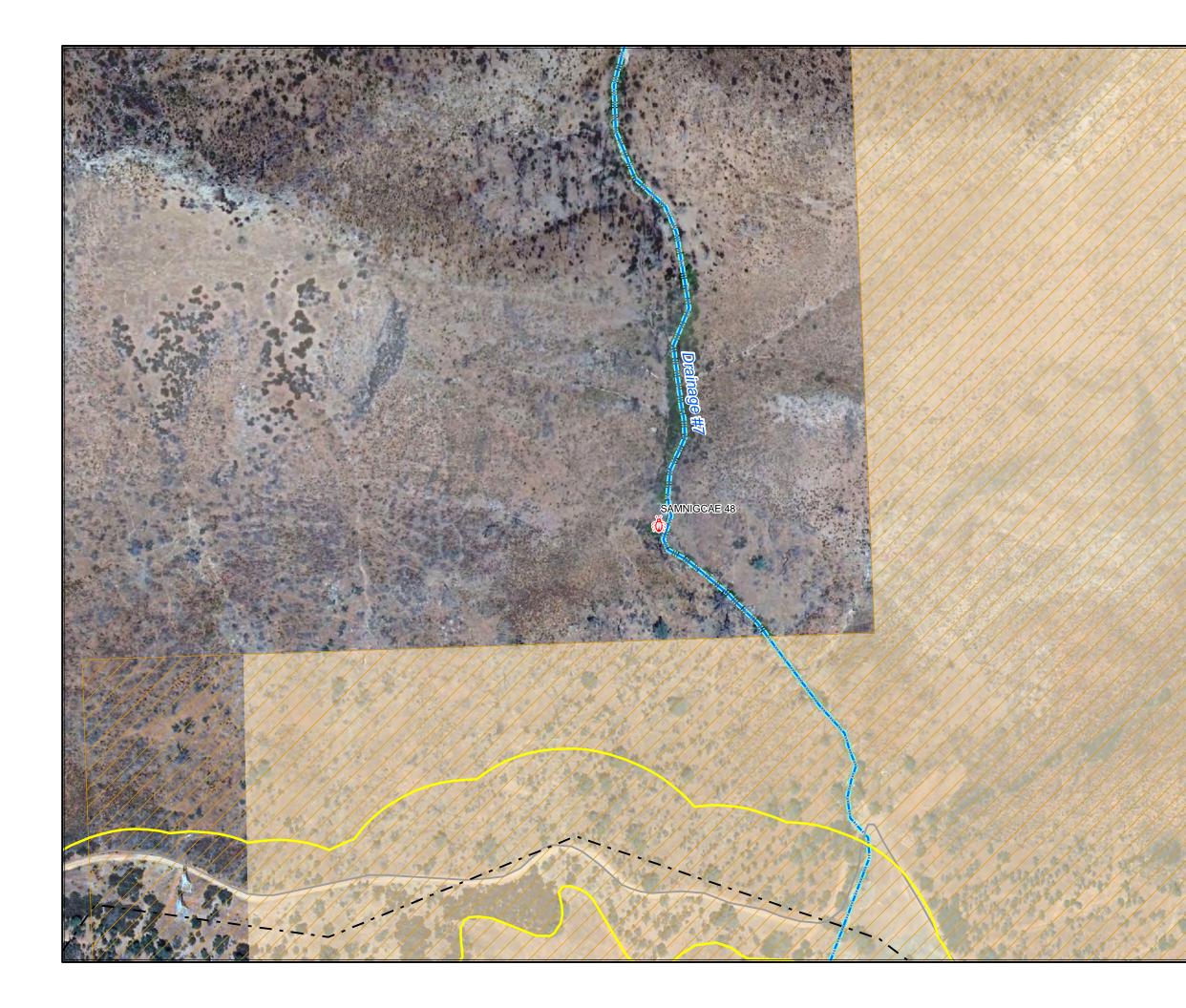


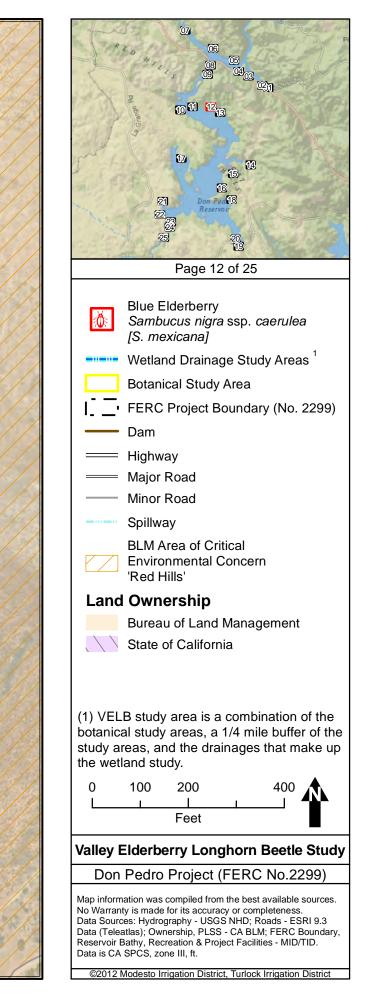


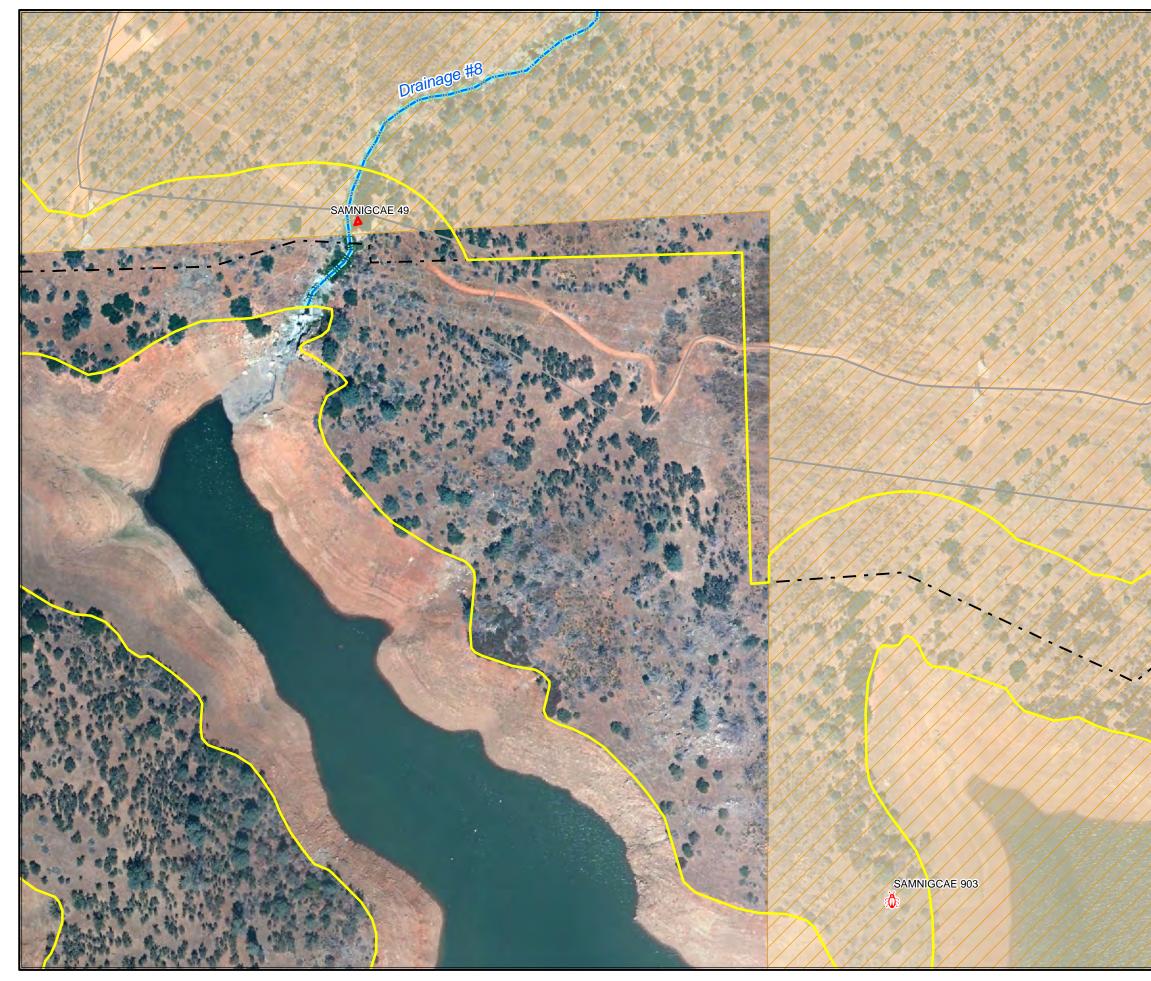
Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Feet

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.

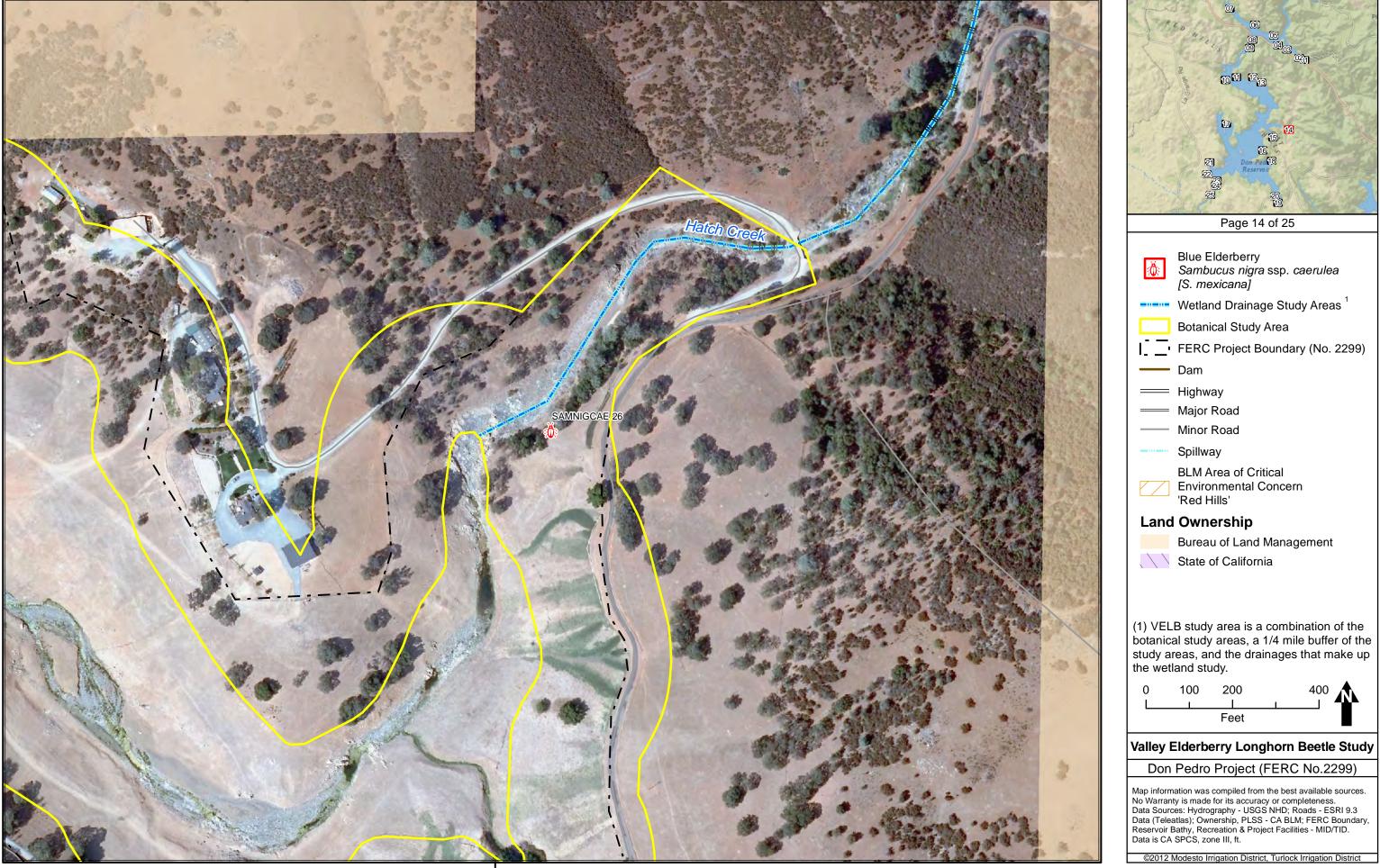




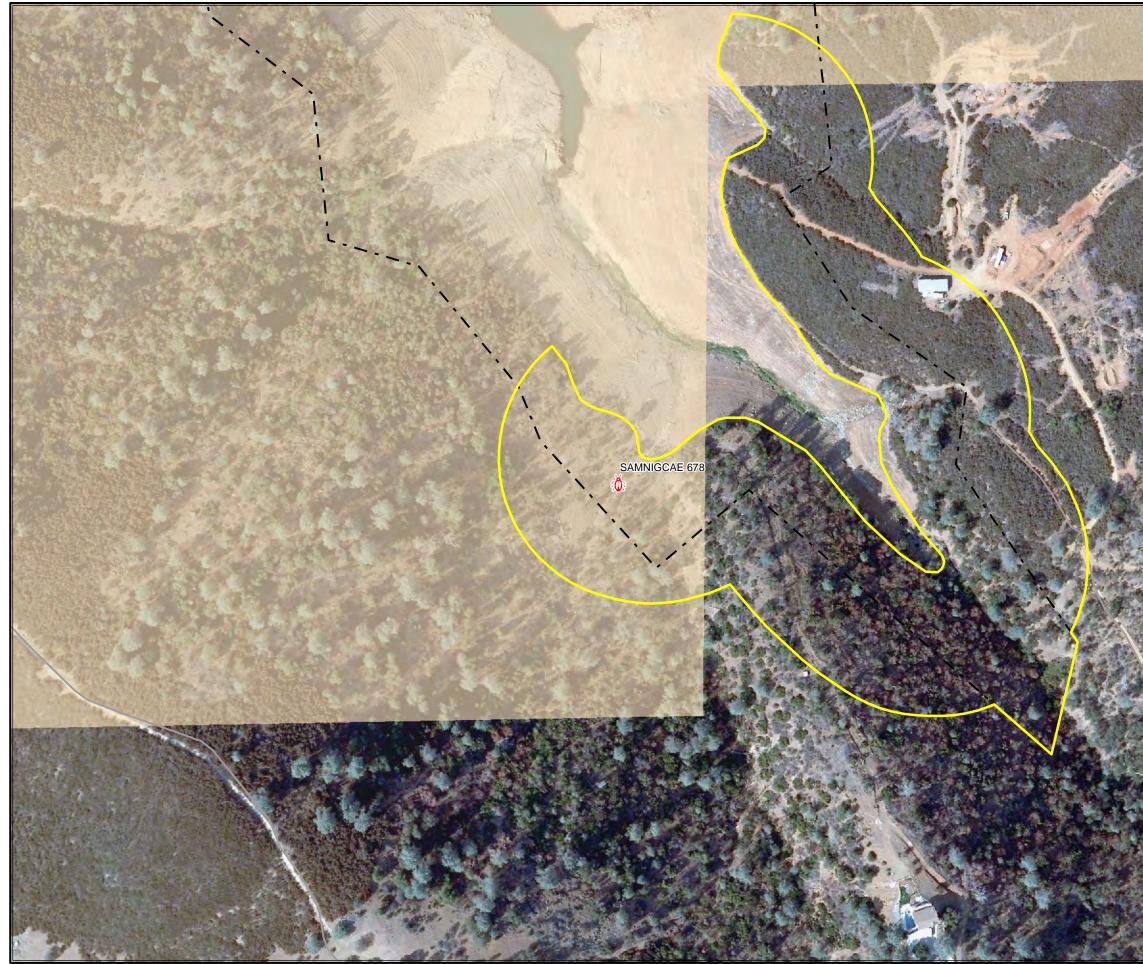




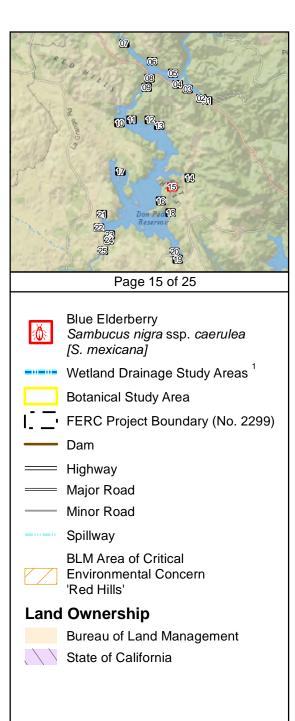
for	
A P.	f p 06
X	C3 C31
X	00 <sup>10</sup> 12 <sub>13</sub>
The for	3
and 1	17
	14
	10
Sec. 1	21 Don Pea 13 Reservo ir
and the second	
17.15-24	25 20
and and	Page 13 of 25
	ÿ
	Blue Elderberry
ð,	Sambucus nigra ssp. caerulea
	[S. mexicana]
	Wetland Drainage Study Areas <sup>1</sup>
	Botanical Study Area
'	FERC Project Boundary (No. 2299)
	Dam
	Highway
	•
	Major Road
	Minor Road
	Spillway
	BLM Area of Critical
	Environmental Concern
	'Red Hills'
Land	Ownership
	Bureau of Land Management
	State of California
` \ `	State of California
(1) VEI	Potudy area is a combination of the
	B study area is a combination of the al study areas, a 1/4 mile buffer of the
	reas, and the drainages that make up
	and study.
0	100 200 400
Ĭ	
	Feet
Valley Elderberry Longhorn Beetle Study	
Don	Pedro Project (FERC No.2299)
	ation was compiled from the best available sources.
No Warrant	ty is made for its accuracy or completeness.
Data (Telea	xes: Hydrography - USGS NHD; Roads - ESRI 9.3 atlas); Ownership, PLSS - CA BLM; FERC Boundary,
Reservoir E	Bathy, Recreation & Project Facilities - MID/TID. SPCS, zone III, ft.
	o. oo, 2010 iii, ii.



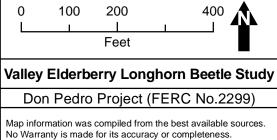
120°20'W





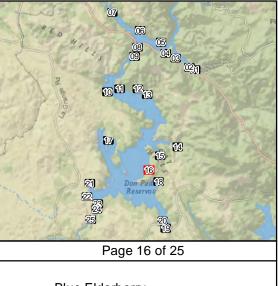


(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





- ð,
- Blue Elderberry Sambucus nigra ssp. caerulea [S. mexicana]
- •••••• Wetland Drainage Study Areas
- Botanical Study Area
- FERC Project Boundary (No. 2299)

- Highway
- Major Road
- Minor Road
- Spillway

BLM Area of Critical Environmental Concern 'Red Hills'

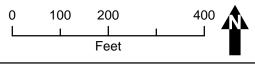
Land Ownership



 $\overline{}$ 

- Bureau of Land Management
- State of California

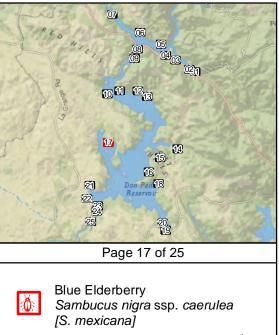
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





- •••••• Wetland Drainage Study Areas <sup>1</sup>
- Botanical Study Area
- FERC Project Boundary (No. 2299)

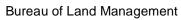
- Dam

- Highway
- Major Road
- Minor Road
- Spillway

**V**Z

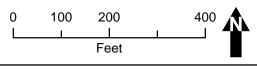
BLM Area of Critical Environmental Concern 'Red Hills'

## Land Ownership



State of California

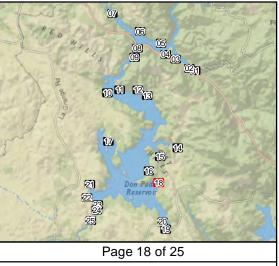
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





- ð,
- Blue Elderberry Sambucus nigra ssp. caerulea [S. mexicana]
- •••••• Wetland Drainage Study Areas
- Botanical Study Area
- FERC Project Boundary (No. 2299)

- Highway
- Major Road
- Minor Road
- Spillway

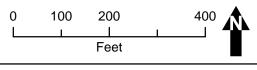
//

BLM Area of Critical Environmental Concern 'Red Hills'

Land Ownership

- Bureau of Land Management
- State of California

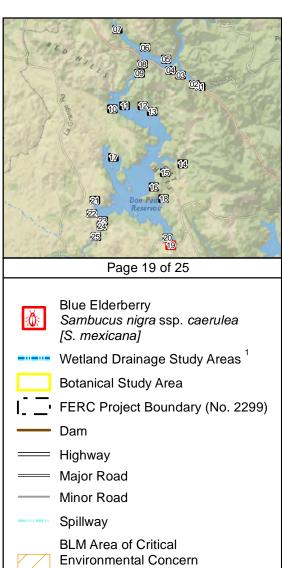
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





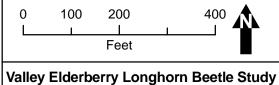
Land Ownership

'Red Hills'

Bureau of Land Management

State of California

(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Don Pedro Project (FERC No.2299)

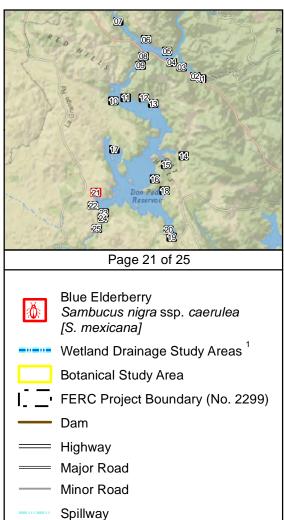
Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





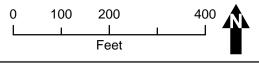
BLM Area of Critical Environmental Concern 'Red Hills'

Land Ownership

Bureau of Land Management

State of California

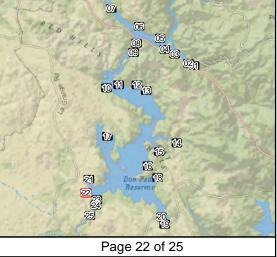
(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.





- ð,
- Blue Elderberry Sambucus nigra ssp. caerulea [S. mexicana]
- ••••••• Wetland Drainage Study Areas<sup>1</sup>
- Botanical Study Area
- FERC Project Boundary (No. 2299)

- Highway
- Major Road
- Minor Road
- Spillway

BLM Area of Critical Environmental Concern 'Red Hills'

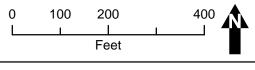
Land Ownership



//

- Bureau of Land Management
- State of California

(1) VELB study area is a combination of the botanical study areas, a 1/4 mile buffer of the study areas, and the drainages that make up the wetland study.



Valley Elderberry Longhorn Beetle Study Don Pedro Project (FERC No.2299)

Map information was compiled from the best available sources. No Warranty is made for its accuracy or completeness. Data Sources: Hydrography - USGS NHD; Roads - ESRI 9.3 Data (Teleatlas); Ownership, PLSS - CA BLM; FERC Boundary, Reservoir Bathy, Recreation & Project Facilities - MID/TID. Data is CA SPCS, zone III, ft.



