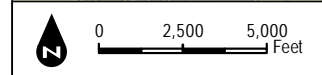
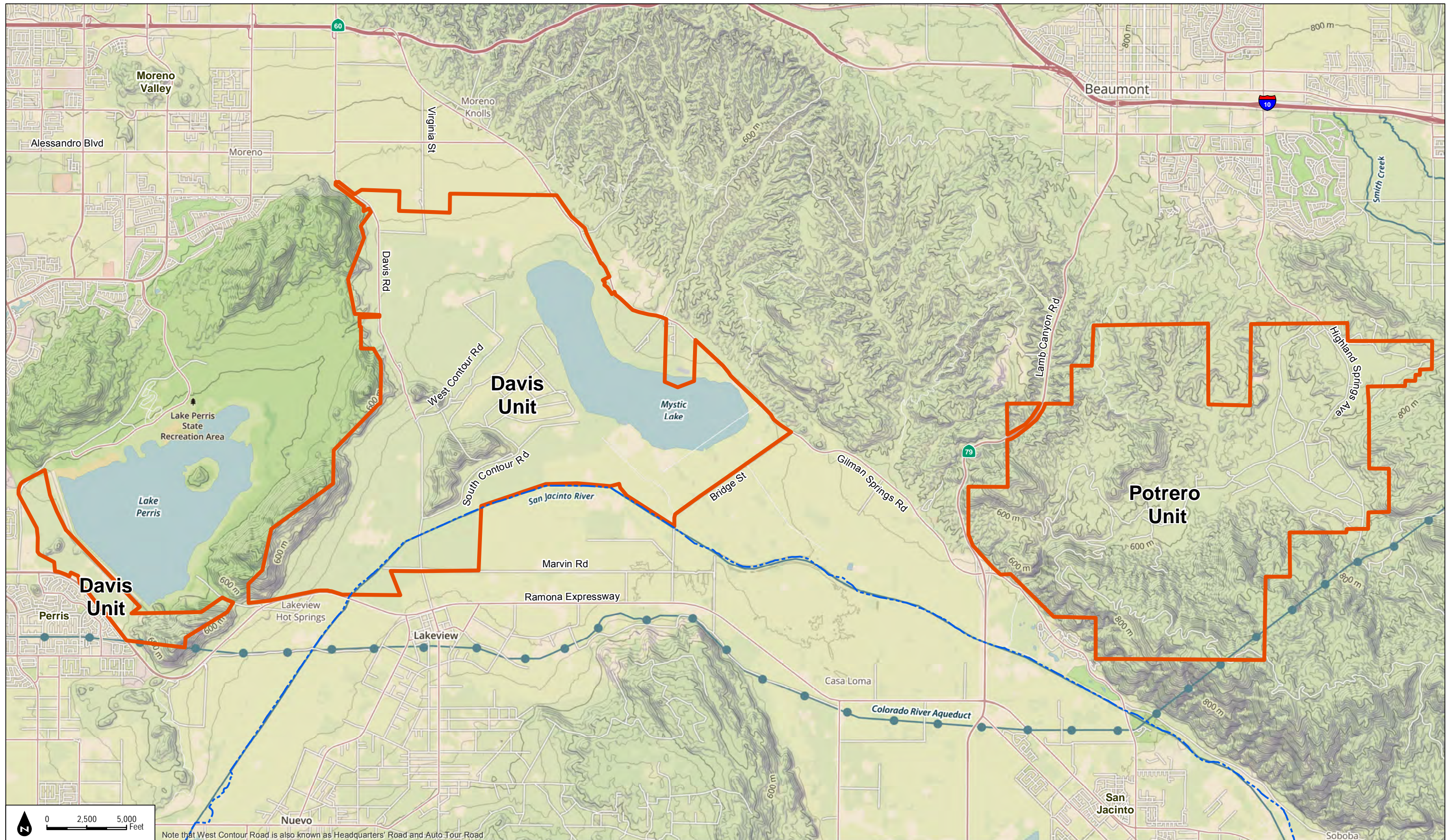




**FIGURE 2-1
Regional Vicinity**



Note that West Contour Road is also known as Headquarters' Road and Auto Tour Road

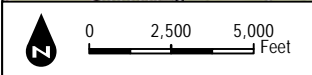
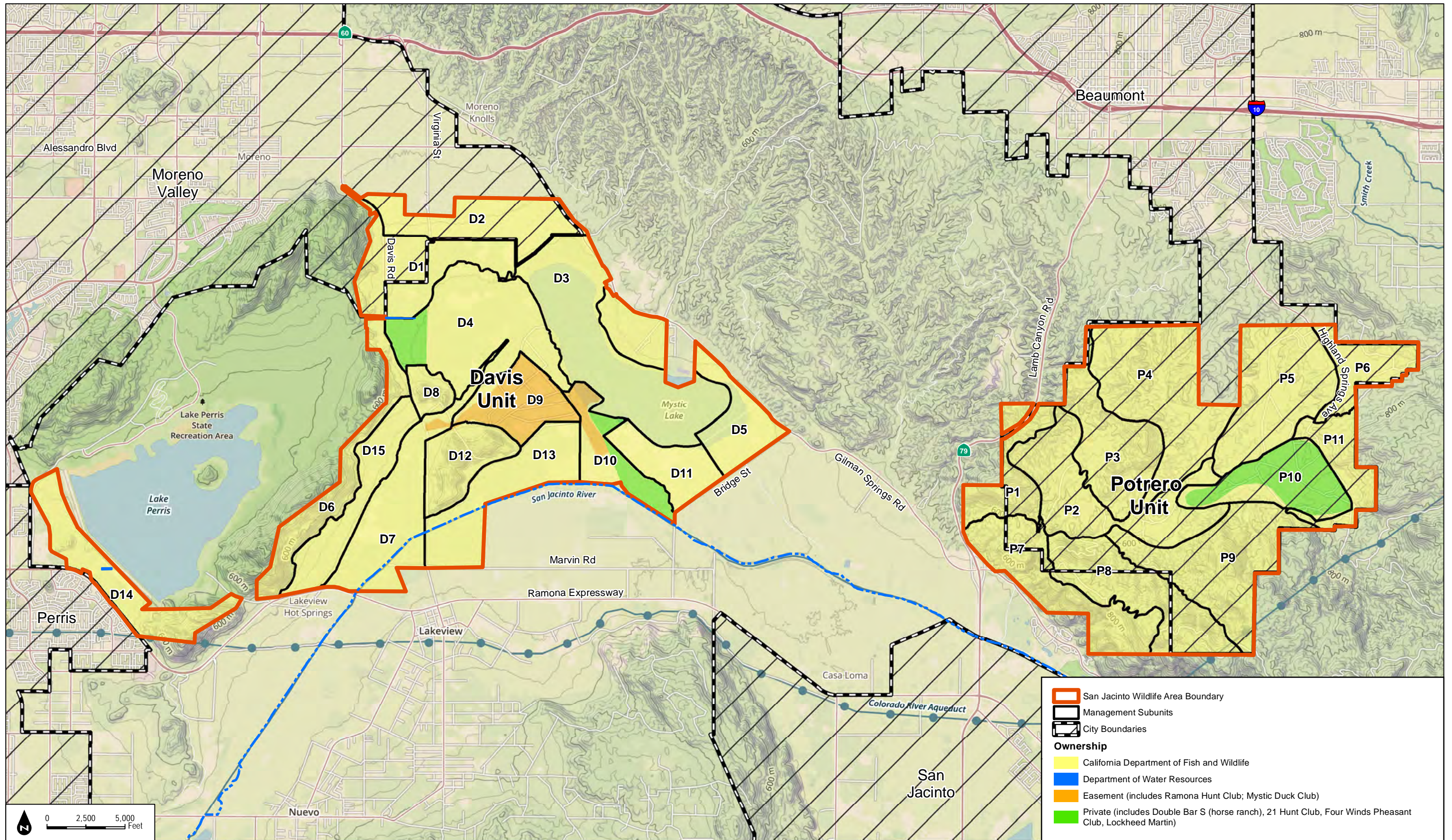
DUDEK

SOURCE: Mapbox, 2015; USFWS, 2015

9152

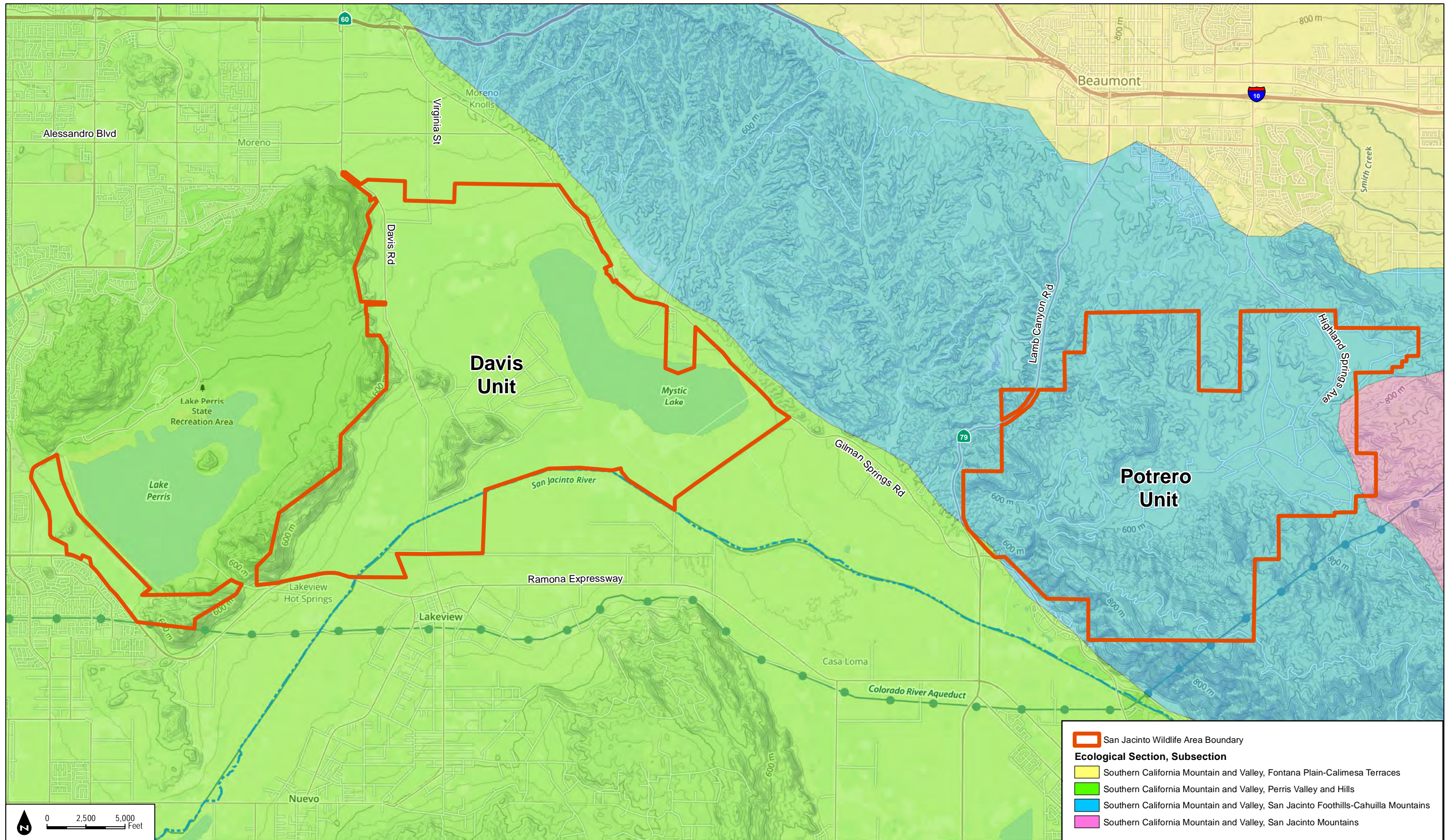
San Jacinto Wildlife Area Land Management Plan Environmental Impact Report

FIGURE 2-2
Project Vicinity



DUDEK SOURCE: Mapbox, 2015; USFWS, 2015

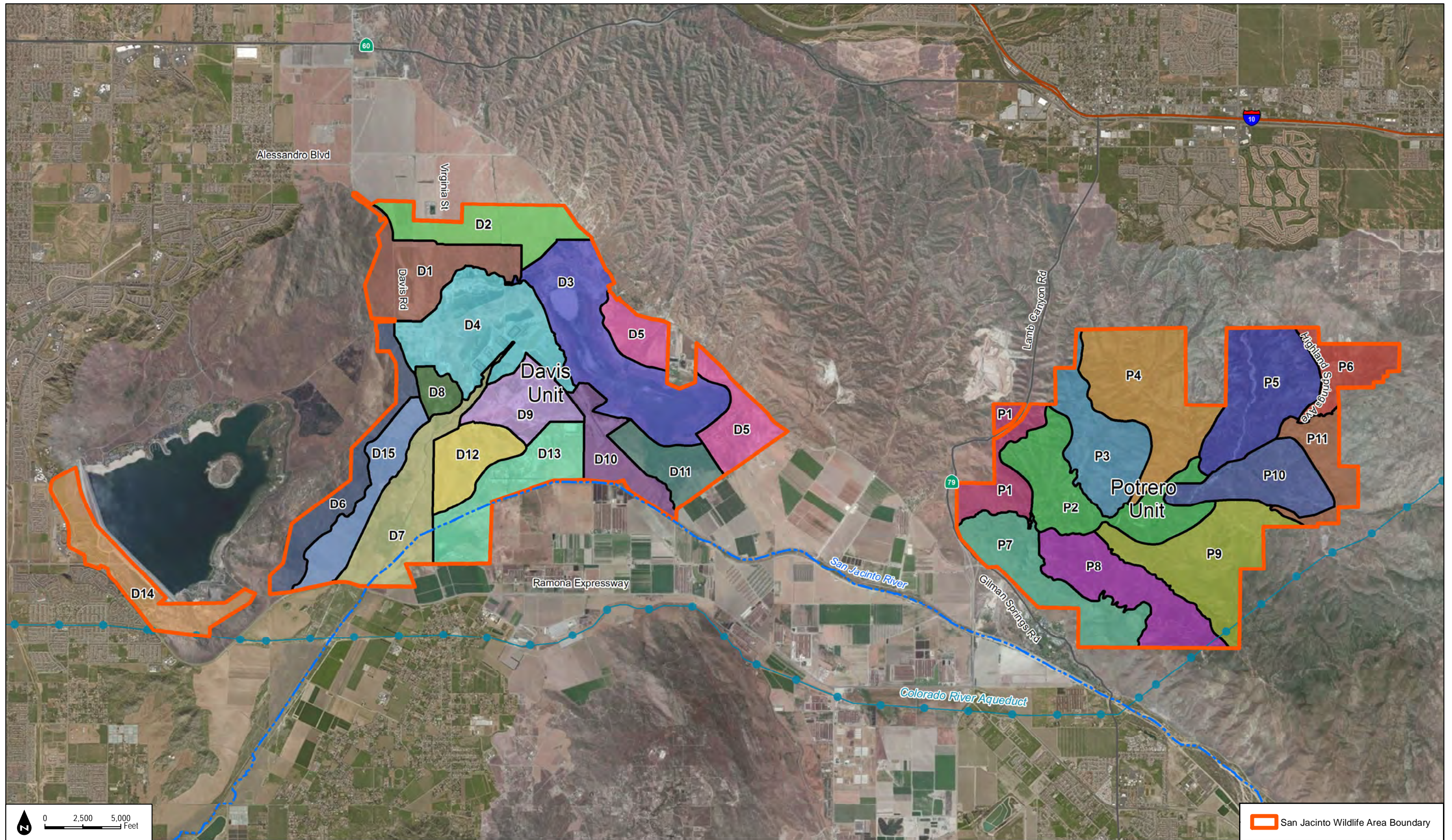
FIGURE 2-3
Ownership Map



San Jacinto Wildlife Area Boundary

Ecological Section, Subsection

- Southern California Mountain and Valley, Fontana Plain-Calimesa Terraces
- Southern California Mountain and Valley, Perris Valley and Hills
- Southern California Mountain and Valley, San Jacinto Foothills-Cahuilla Mountains
- Southern California Mountain and Valley, San Jacinto Mountains



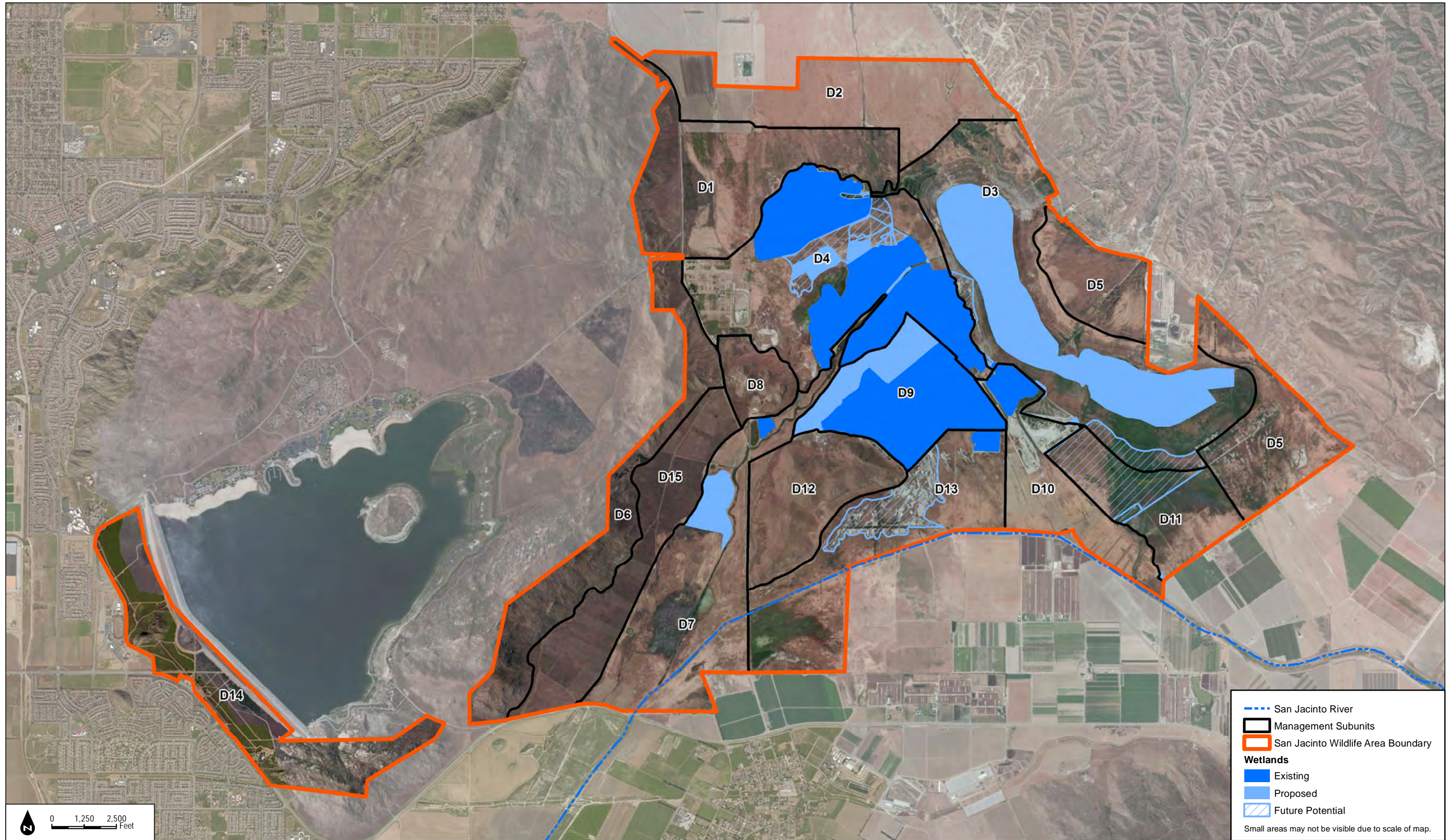


FIGURE 2-6A
Wetlands Habitat Management Areas - Davis Unit

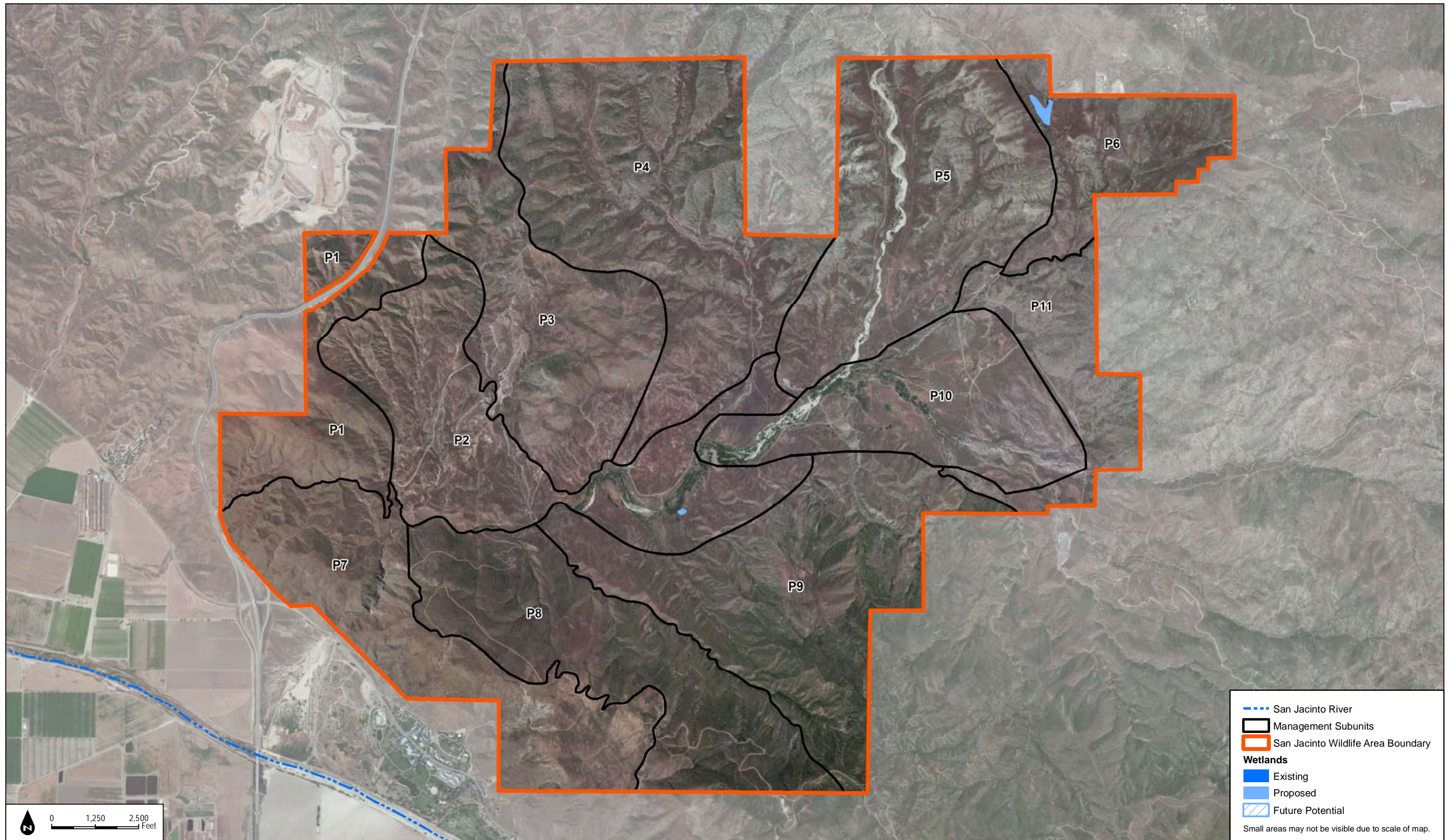


FIGURE 2-6B
Wetlands Habitat Management Areas - Potrero Unit

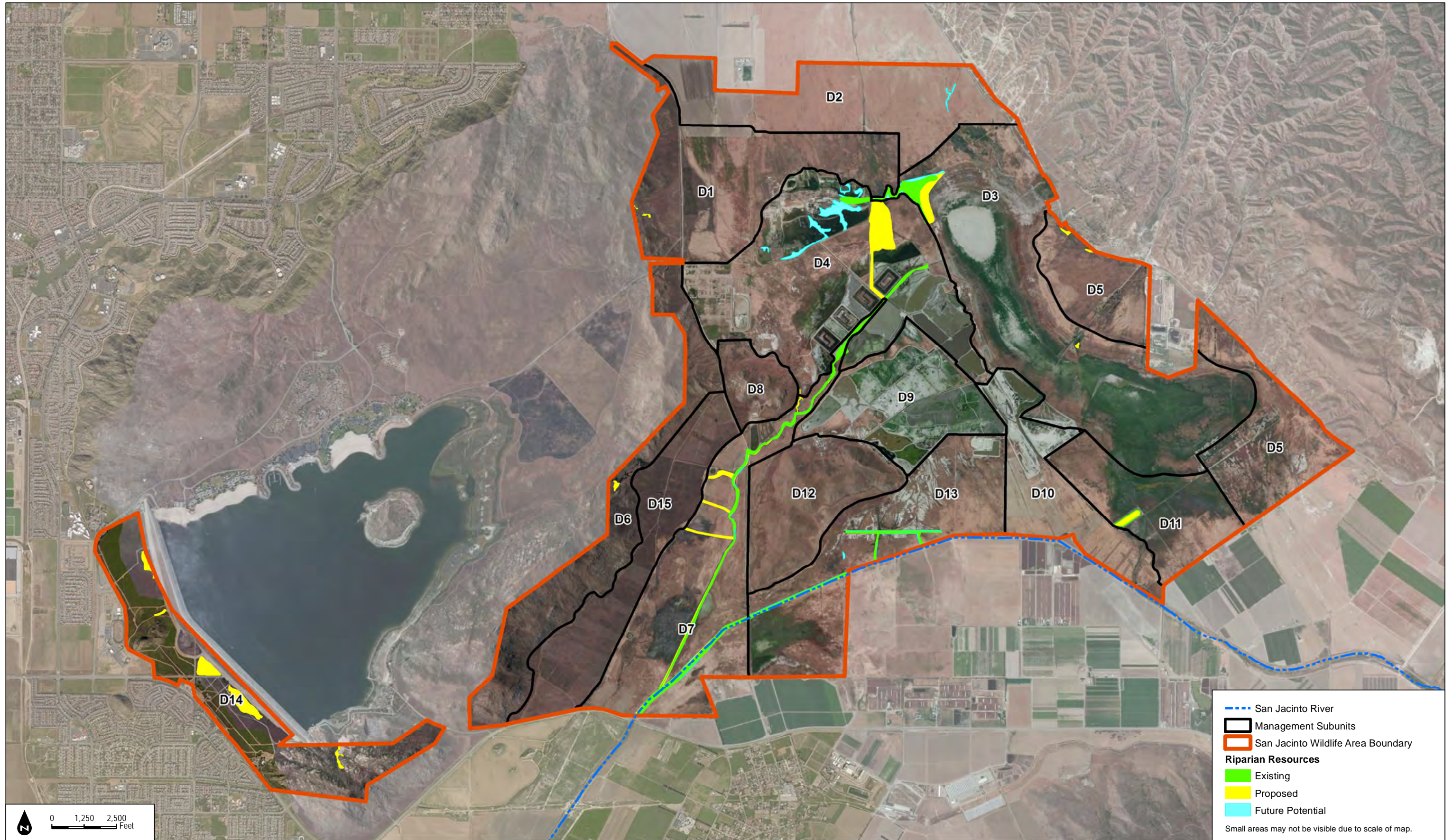


FIGURE 2-7A
 Riparian Habitat Management Areas - Davis Unit

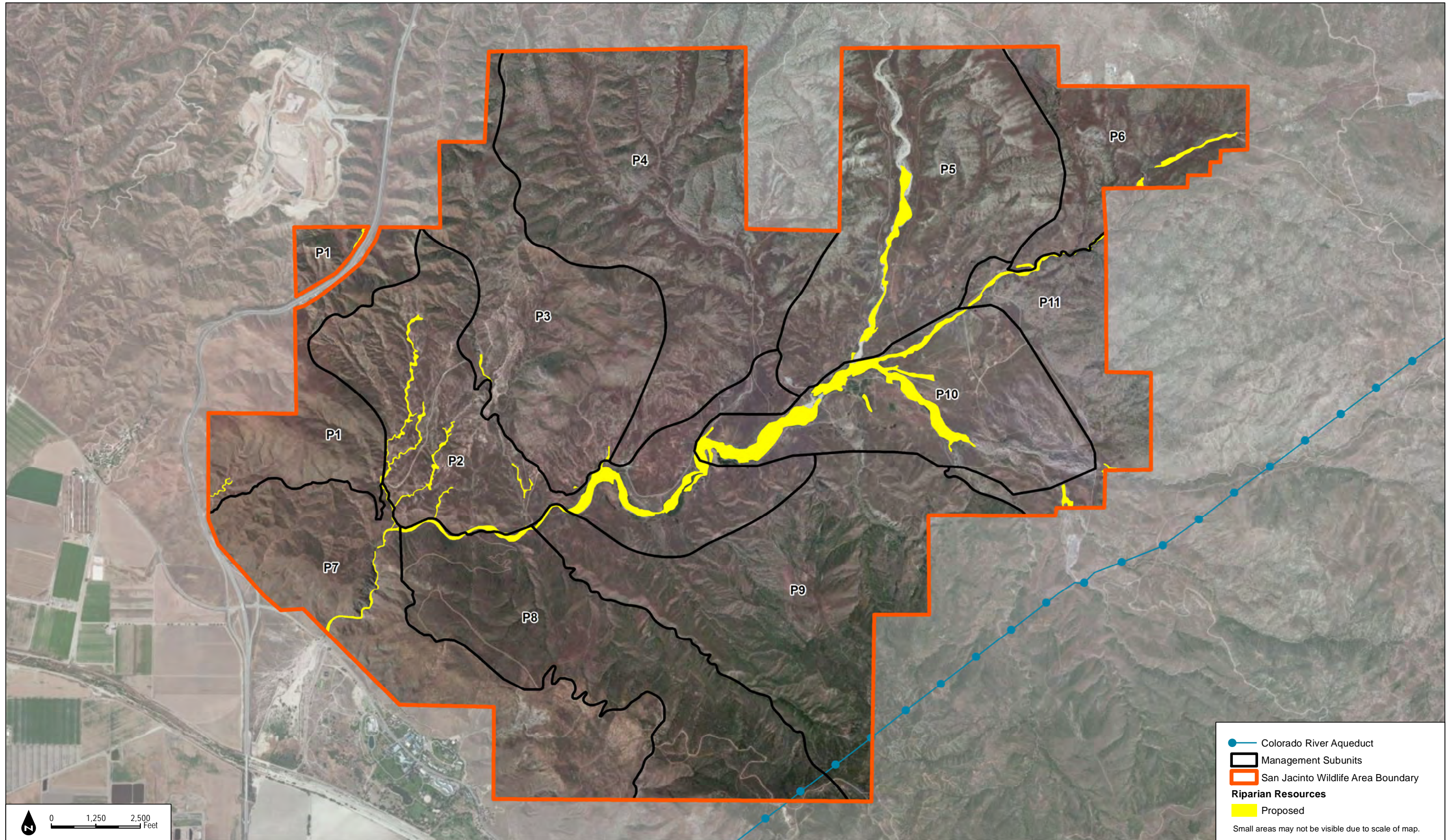


FIGURE 2-7B
Riparian Habitat Management Areas - Potrero Unit

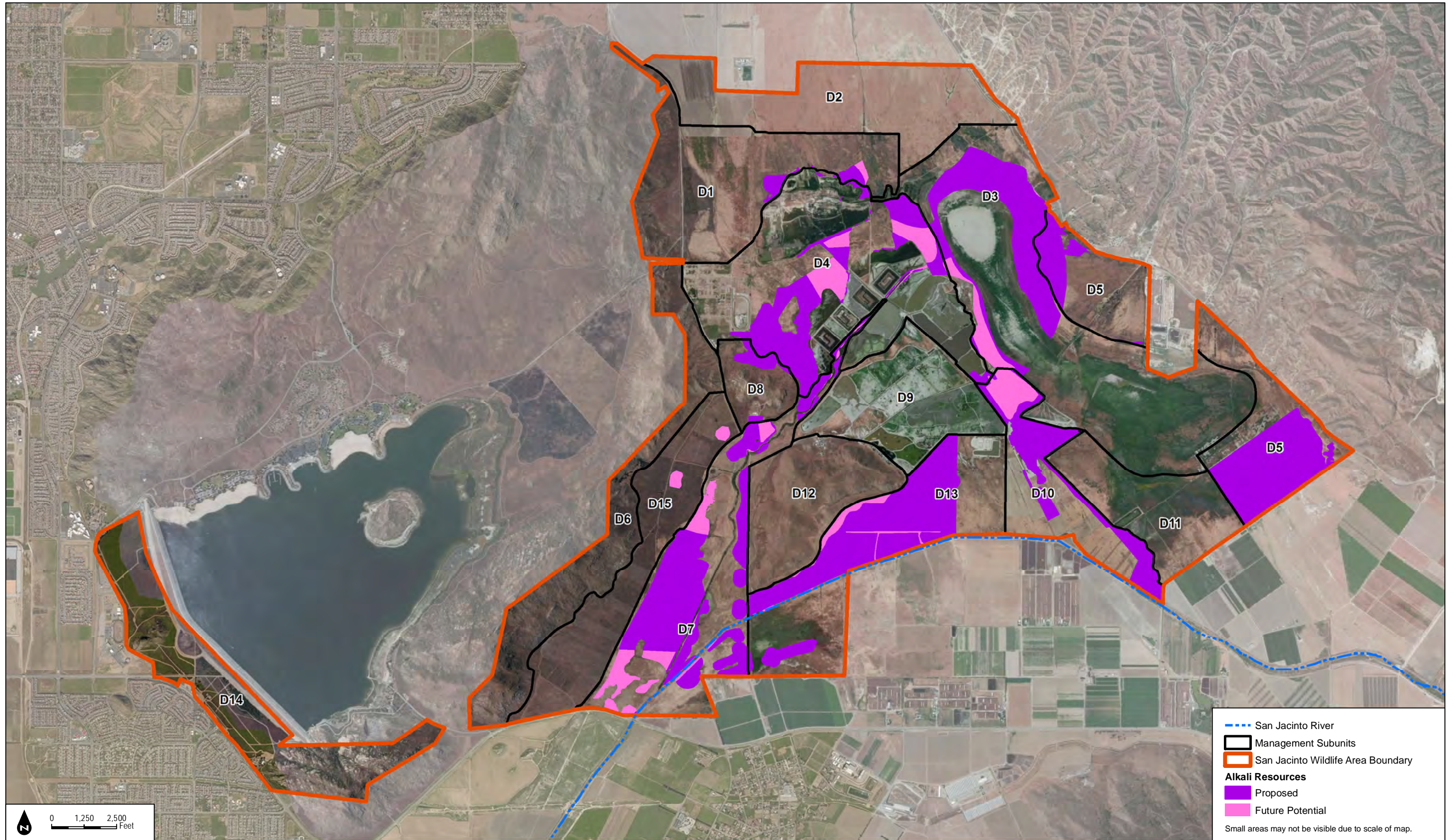
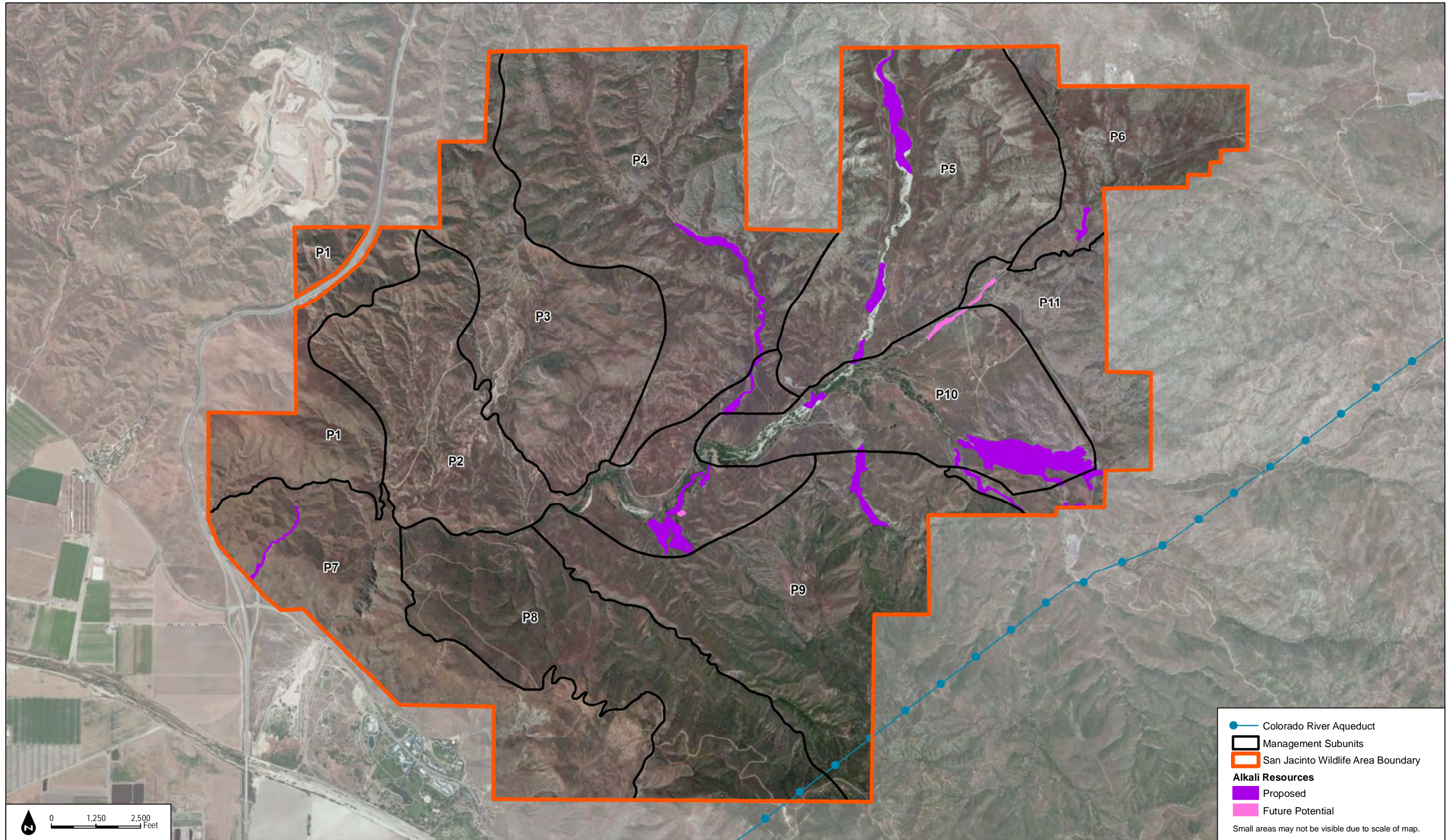


FIGURE 2-8A
Alkali Habitat Management Areas - Davis Unit



● Colorado River Aqueduct
 Management Subunits
 San Jacinto Wildlife Area Boundary
Alkali Resources
 Proposed
 Future Potential
Small areas may not be visible due to scale of map.

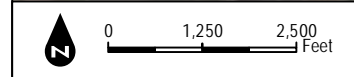
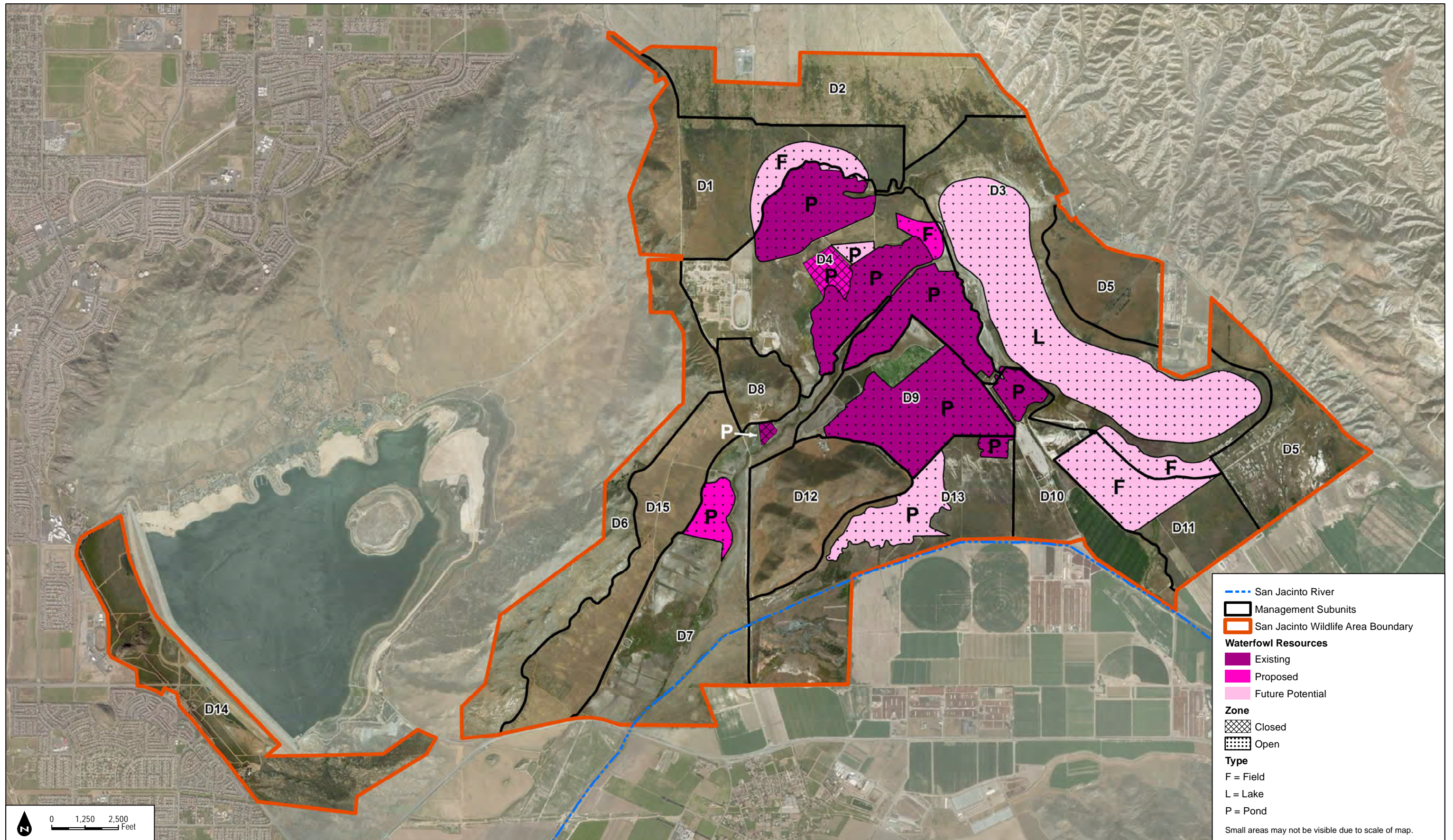


FIGURE 2-8B
Alkali Habitat Management Areas - Potrero Unit



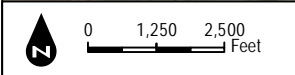
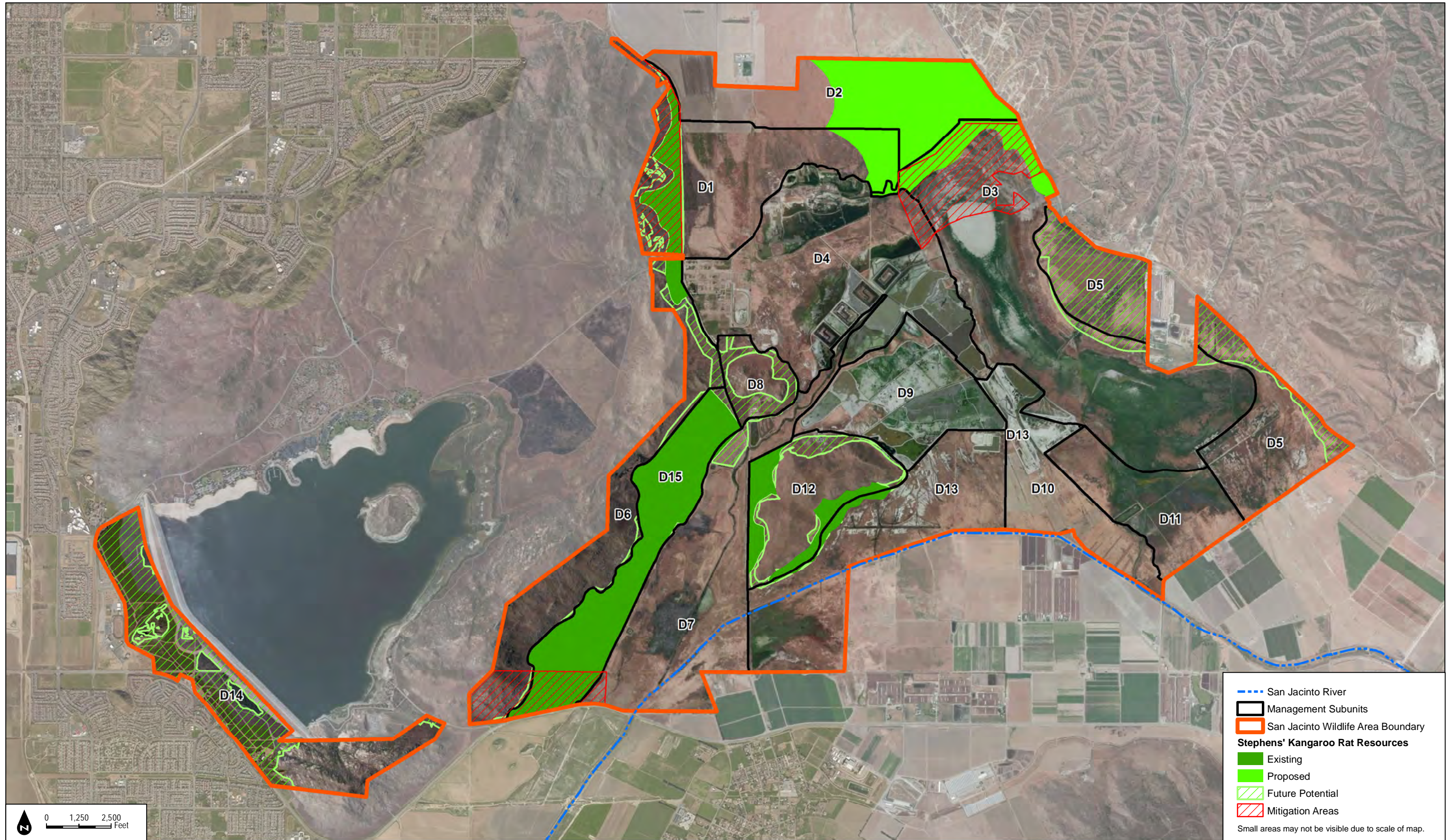
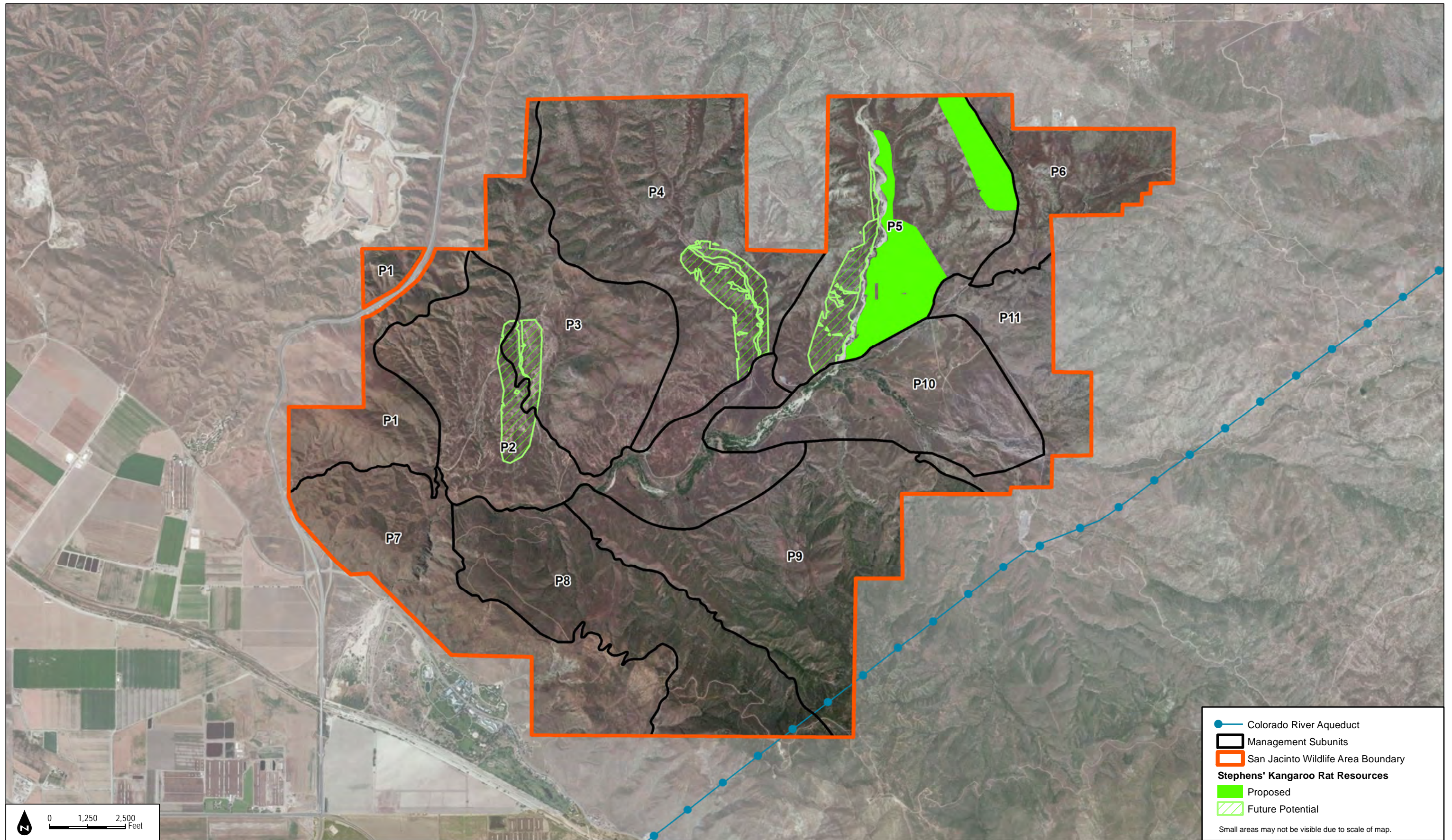
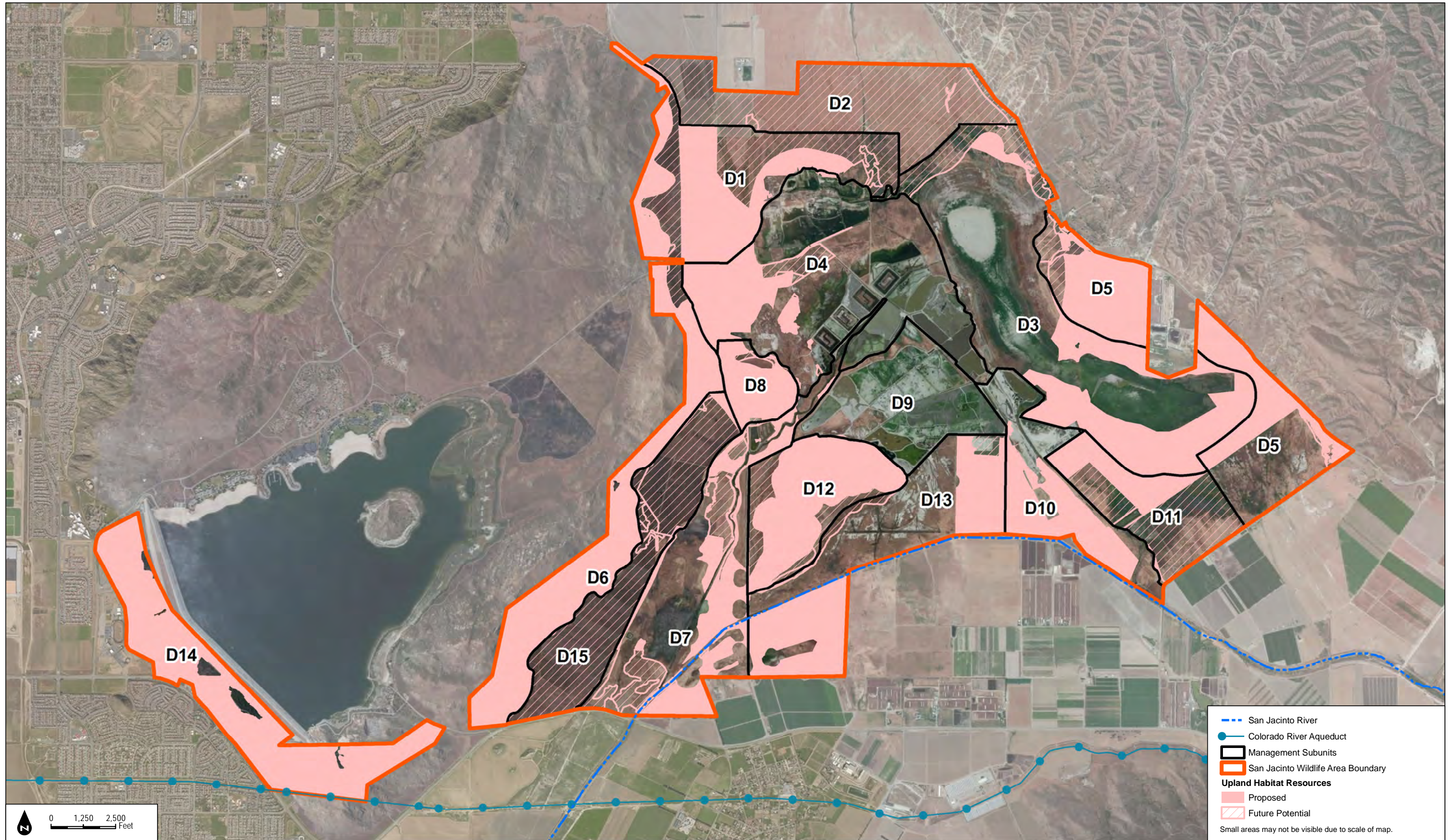
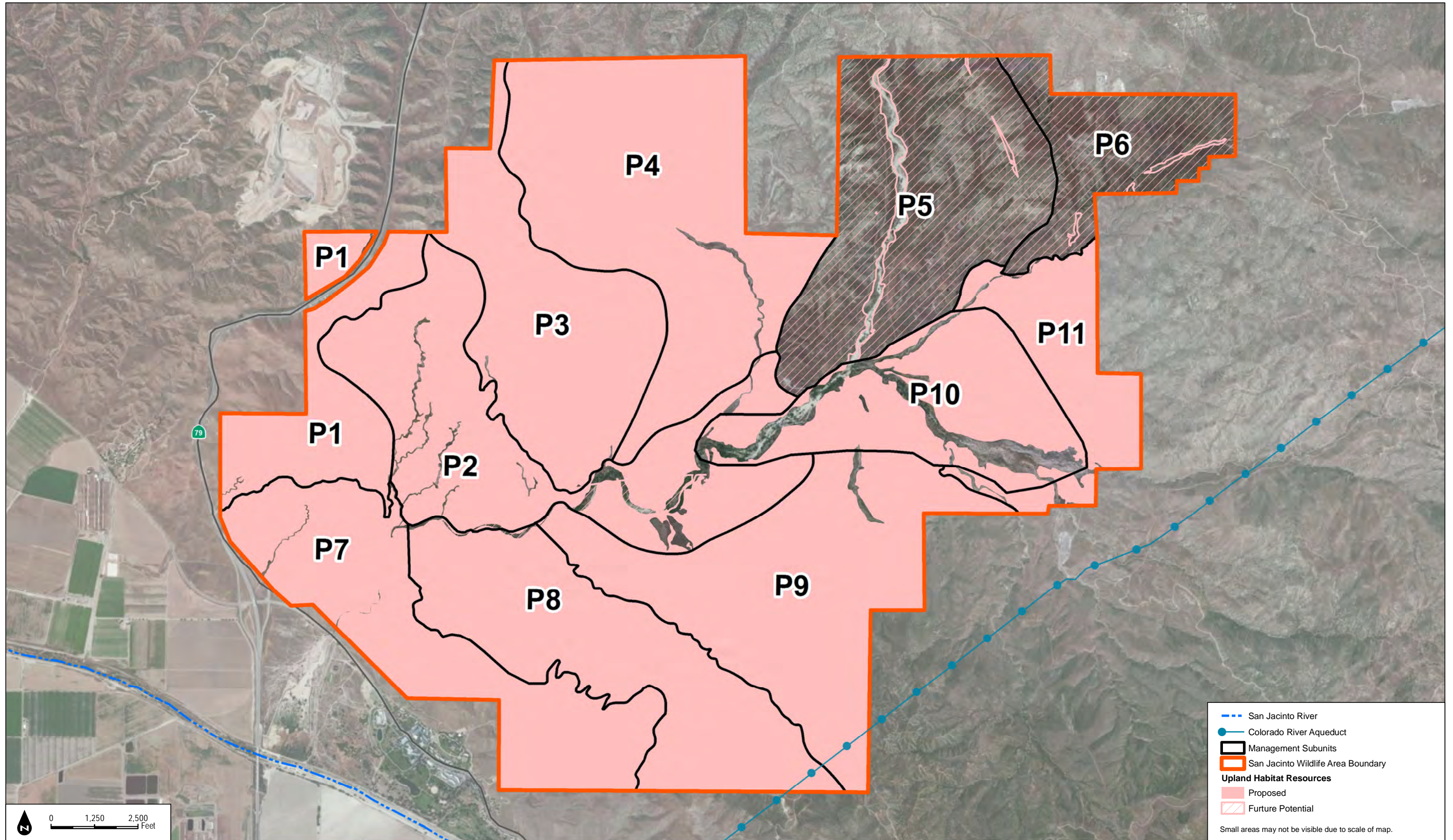
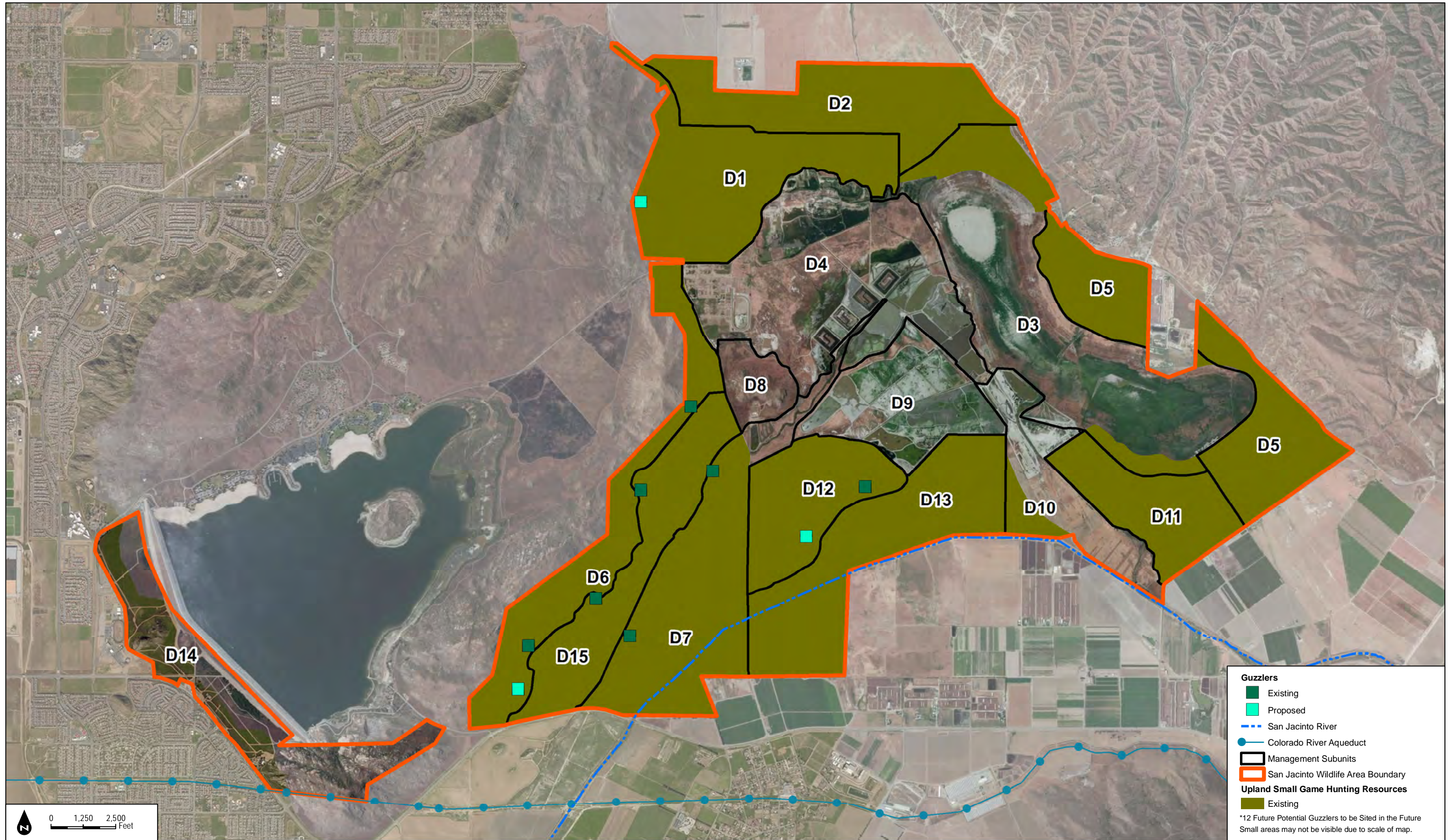


FIGURE 2-10A
Stephens' Kangaroo Rat Management Areas - Davis Unit

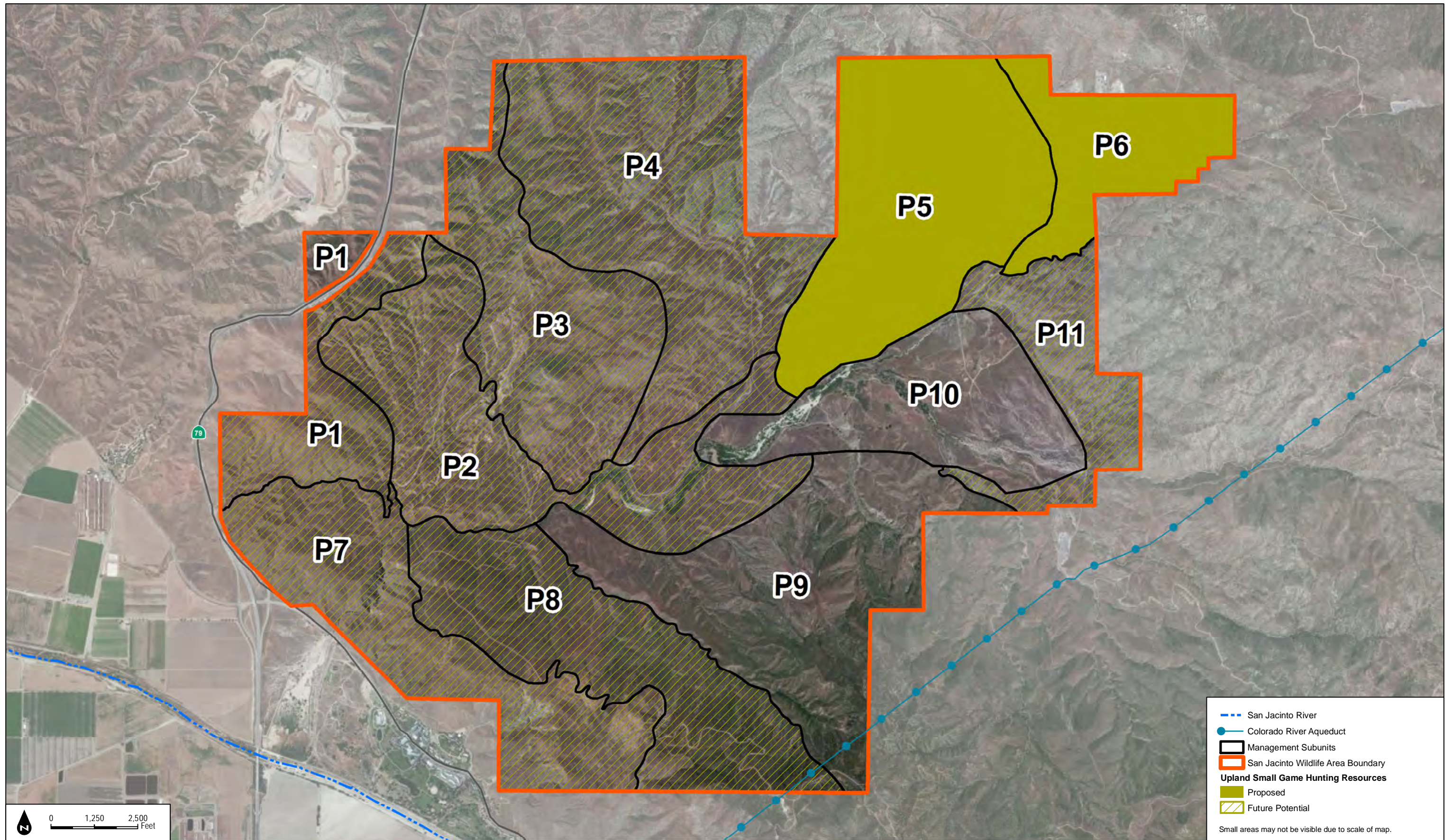








Guzzlers
 Existing
 Proposed
 San Jacinto River
 Colorado River Aqueduct
 Management Subunits
 San Jacinto Wildlife Area Boundary
Upland Small Game Hunting Resources
 Existing
 *12 Future Potential Guzzlers to be Sited in the Future
 Small areas may not be visible due to scale of map.



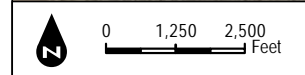
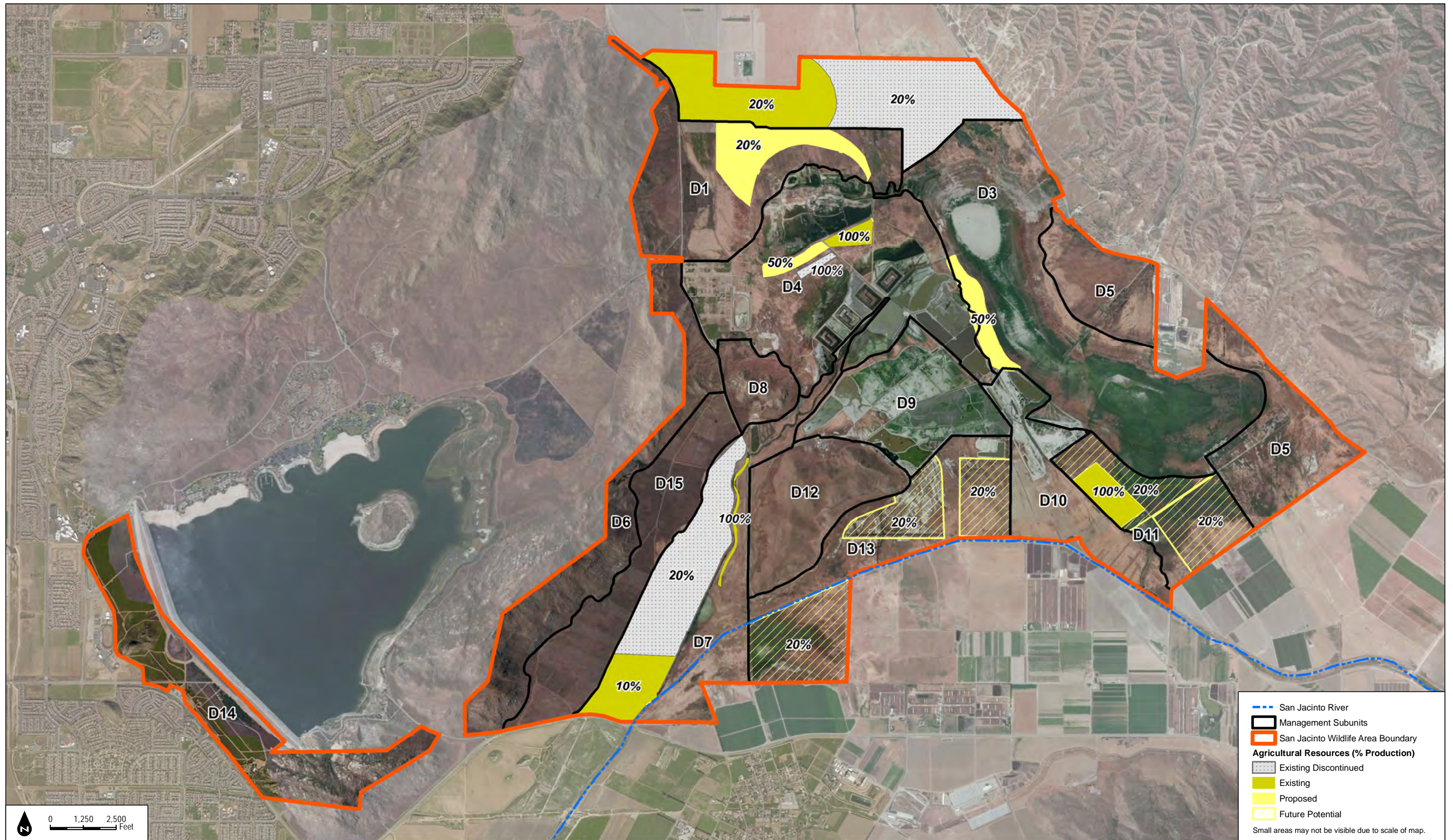
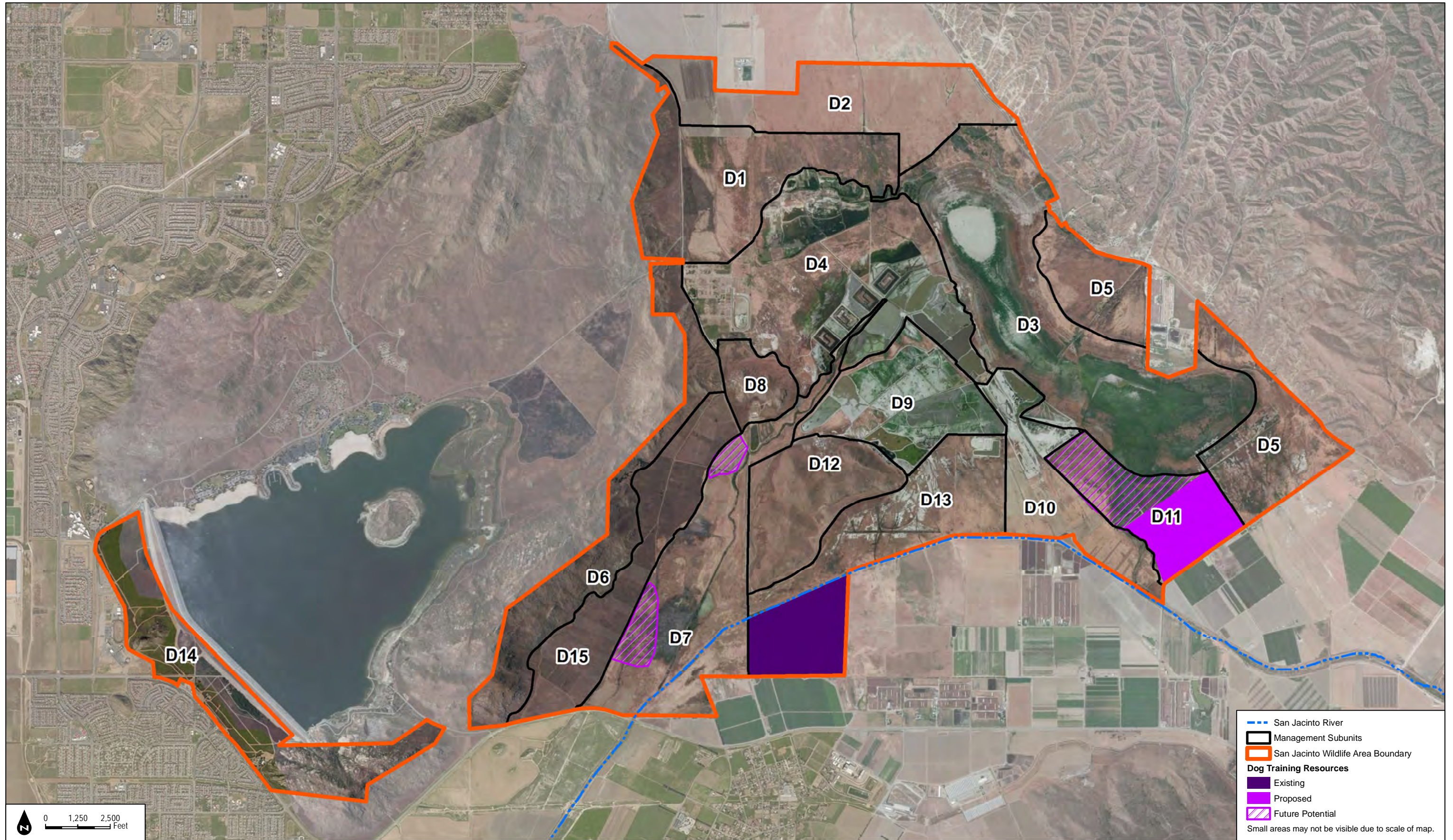


FIGURE 2-13
Agricultural Areas - Davis Unit

- - - San Jacinto River
 Management Subunits
 San Jacinto Wildlife Area Boundary
Agricultural Resources (% Production)
 Existing Discontinued
 Existing
 Proposed
 Future Potential
 Small areas may not be visible due to scale of map.



- - - San Jacinto River
 Management Subunits
 San Jacinto Wildlife Area Boundary
Dog Training Resources
 Existing
 Proposed
 Future Potential
 Small areas may not be visible due to scale of map.

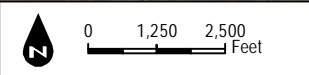
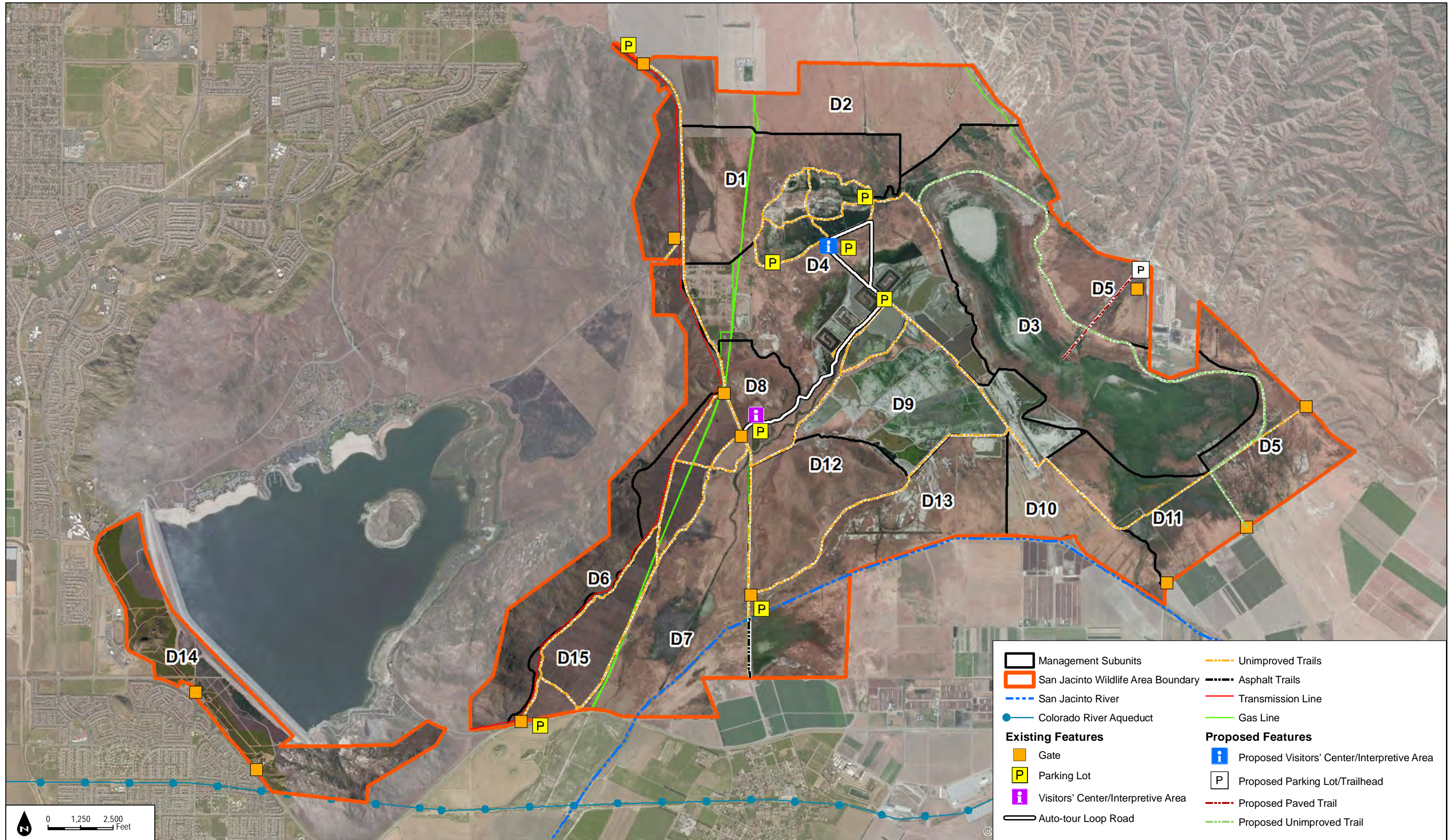


Figure 2-15A
Facilities & Structures - Davis Unit

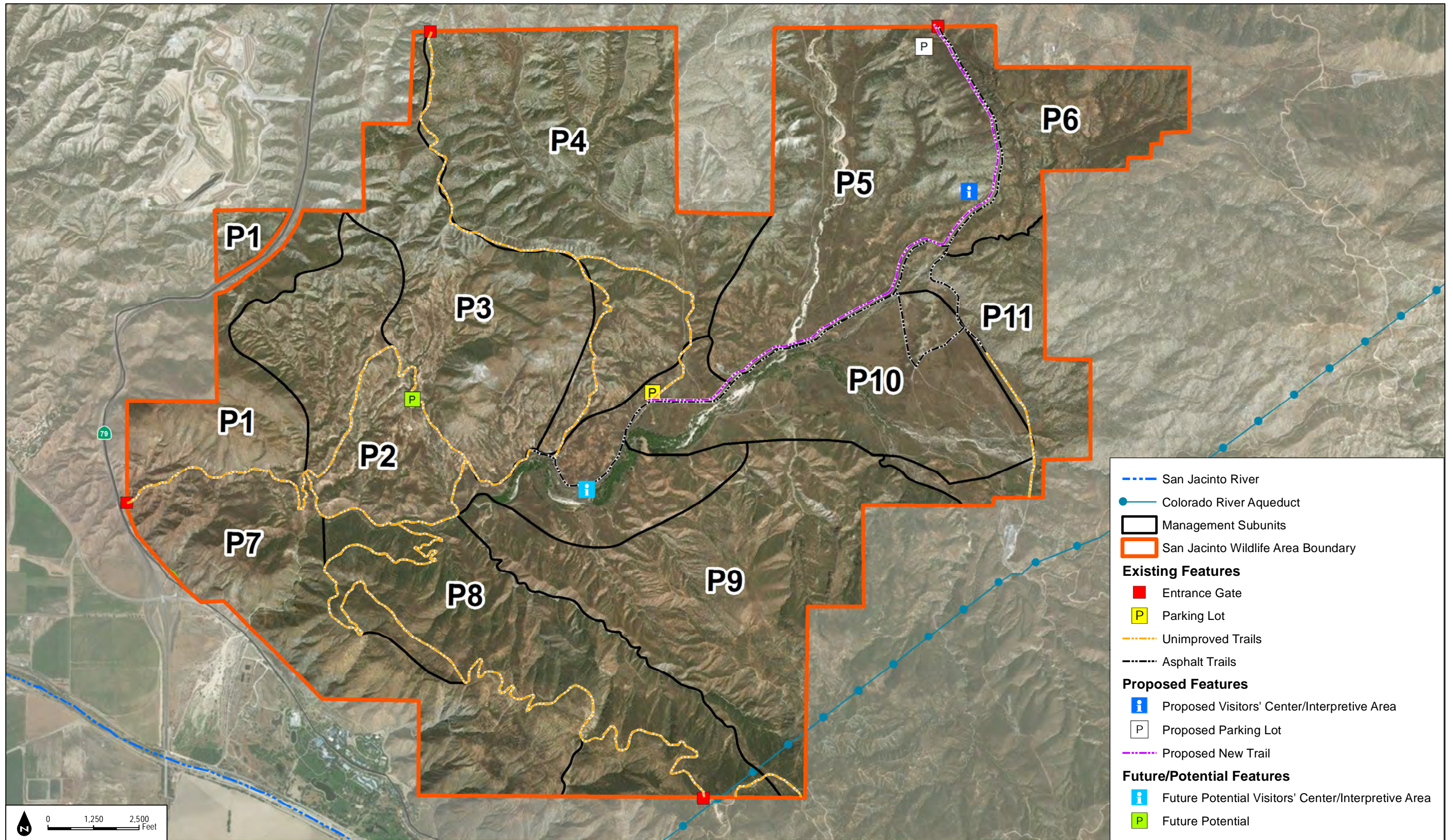


FIGURE 2-15B
Facilities & Structures - Potrero Unit

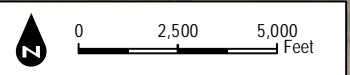
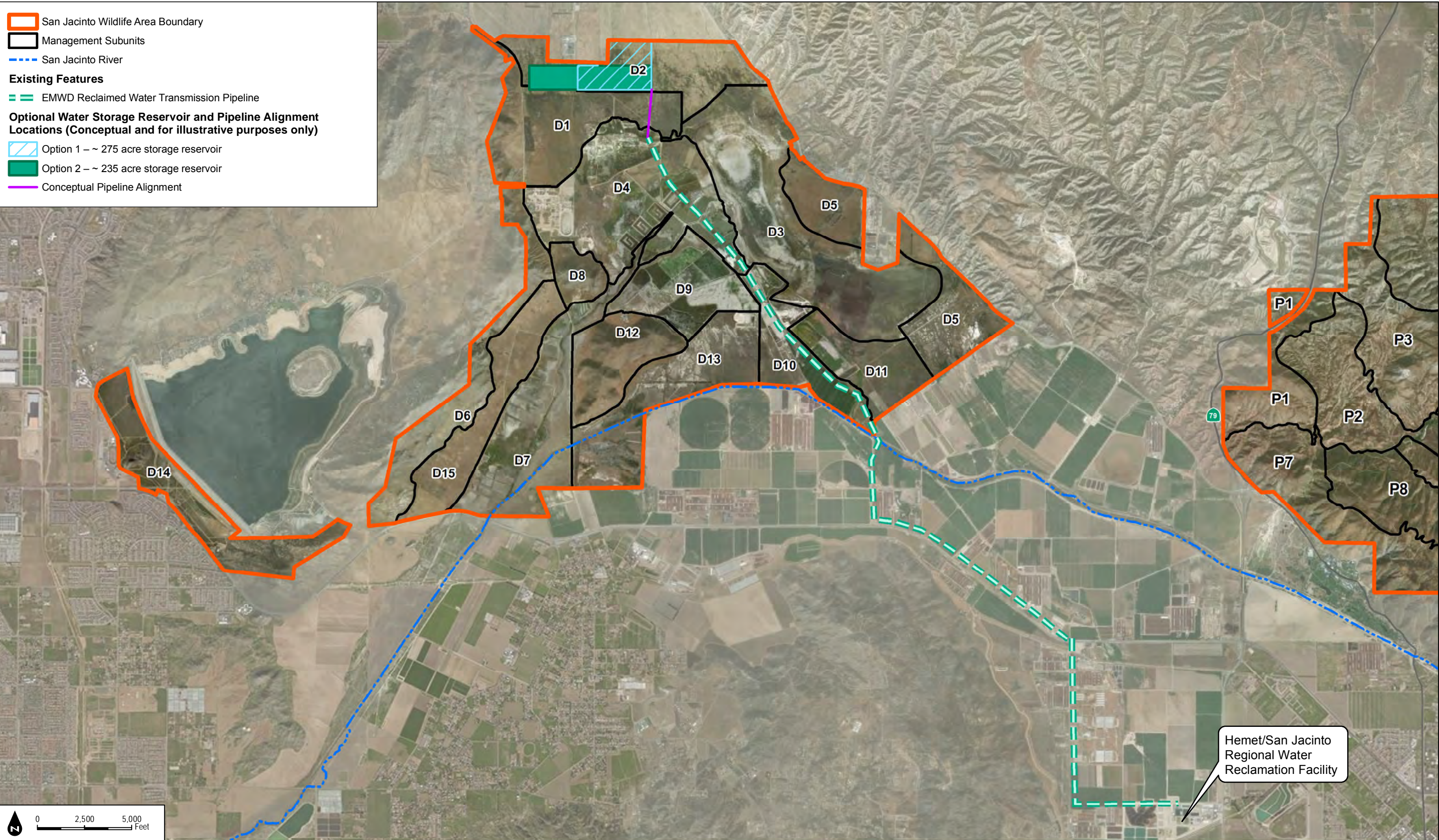
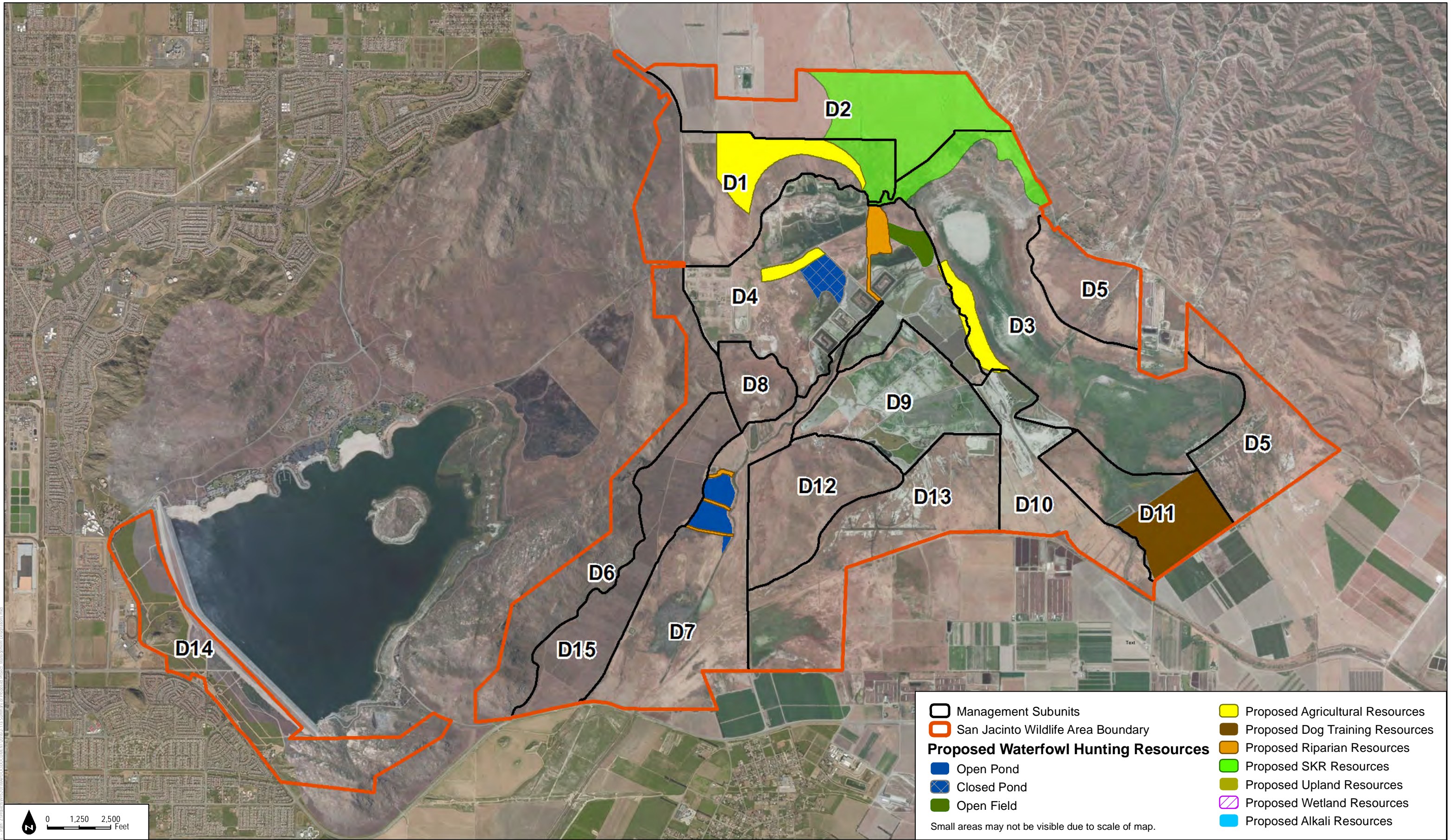


Figure 2-16
Conceptual Water Storage Facilities



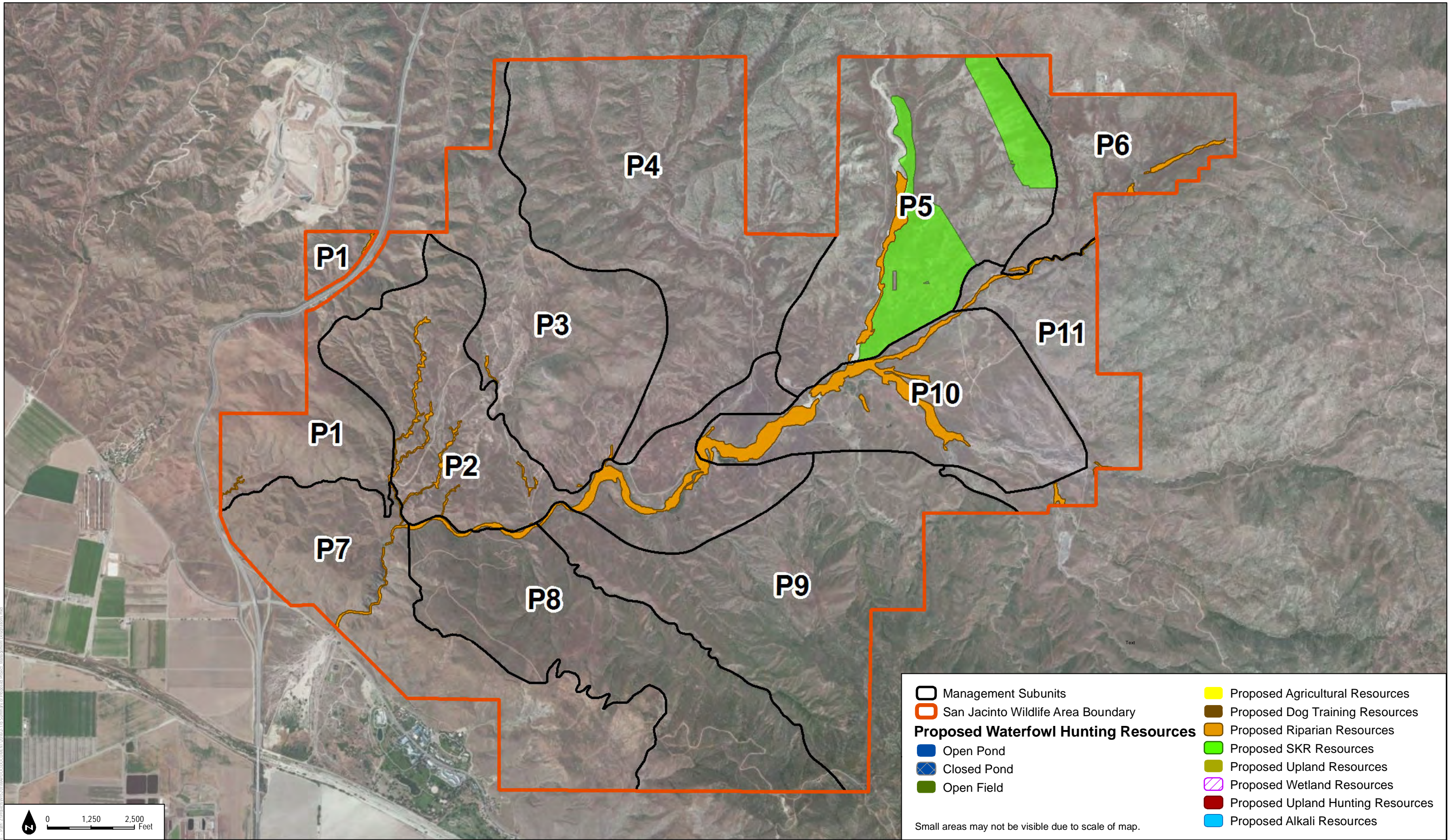
SOURCE: Bing Maps, 2016

DUDEK

San Jacinto Wildlife Area LMP

FIGURE 2-17A

Summary of Proposed Project/Management Designations - Davis Unit



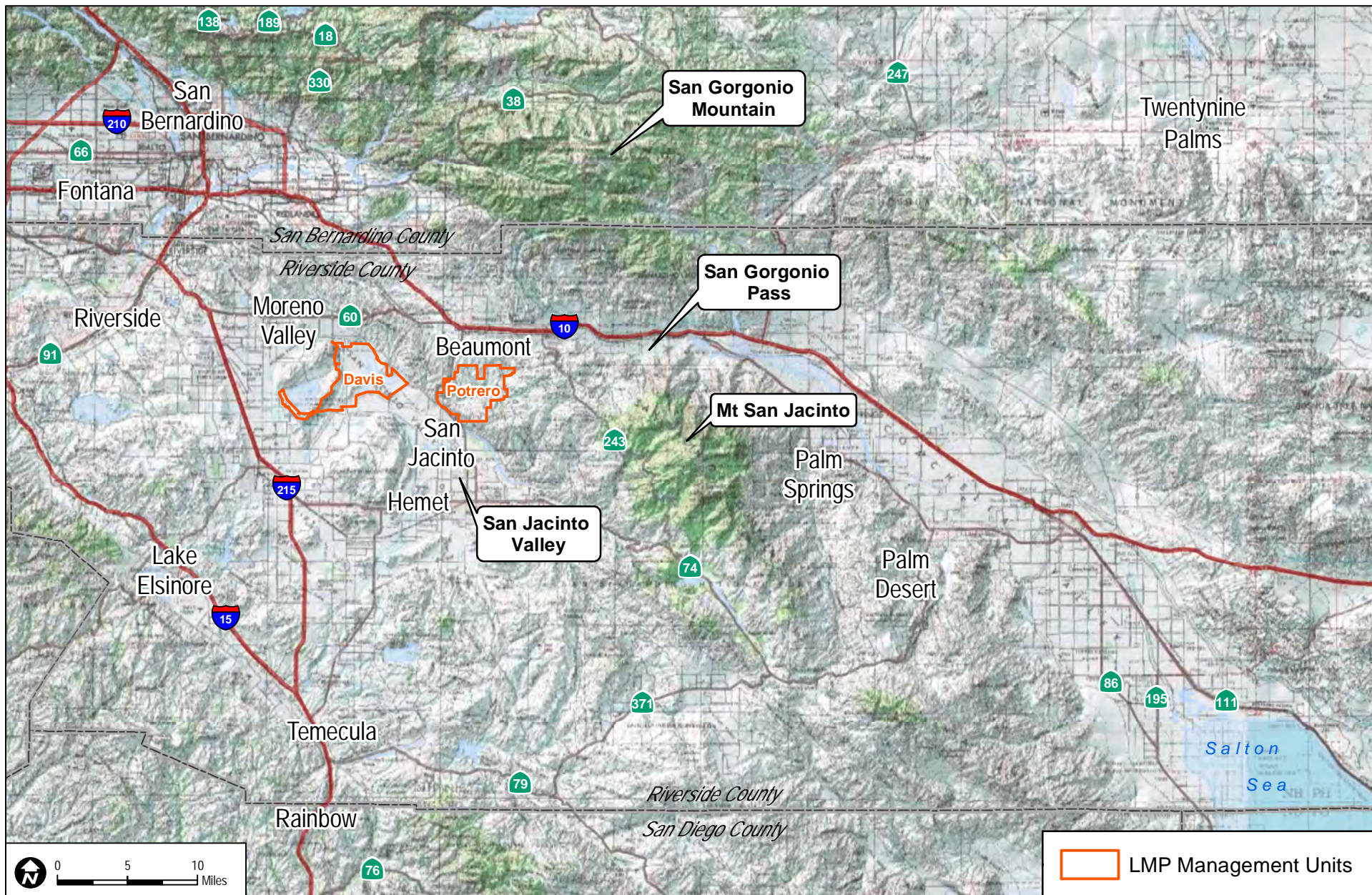
- | | |
|---|-----------------------------------|
| Management Subunits | Proposed Agricultural Resources |
| San Jacinto Wildlife Area Boundary | Proposed Dog Training Resources |
| Proposed Waterfowl Hunting Resources | |
| Open Pond | Proposed Riparian Resources |
| Closed Pond | Proposed SKR Resources |
| Open Field | Proposed Upland Resources |
| | Proposed Wetland Resources |
| | Proposed Upland Hunting Resources |
| | Proposed Alkali Resources |
- Small areas may not be visible due to scale of map.

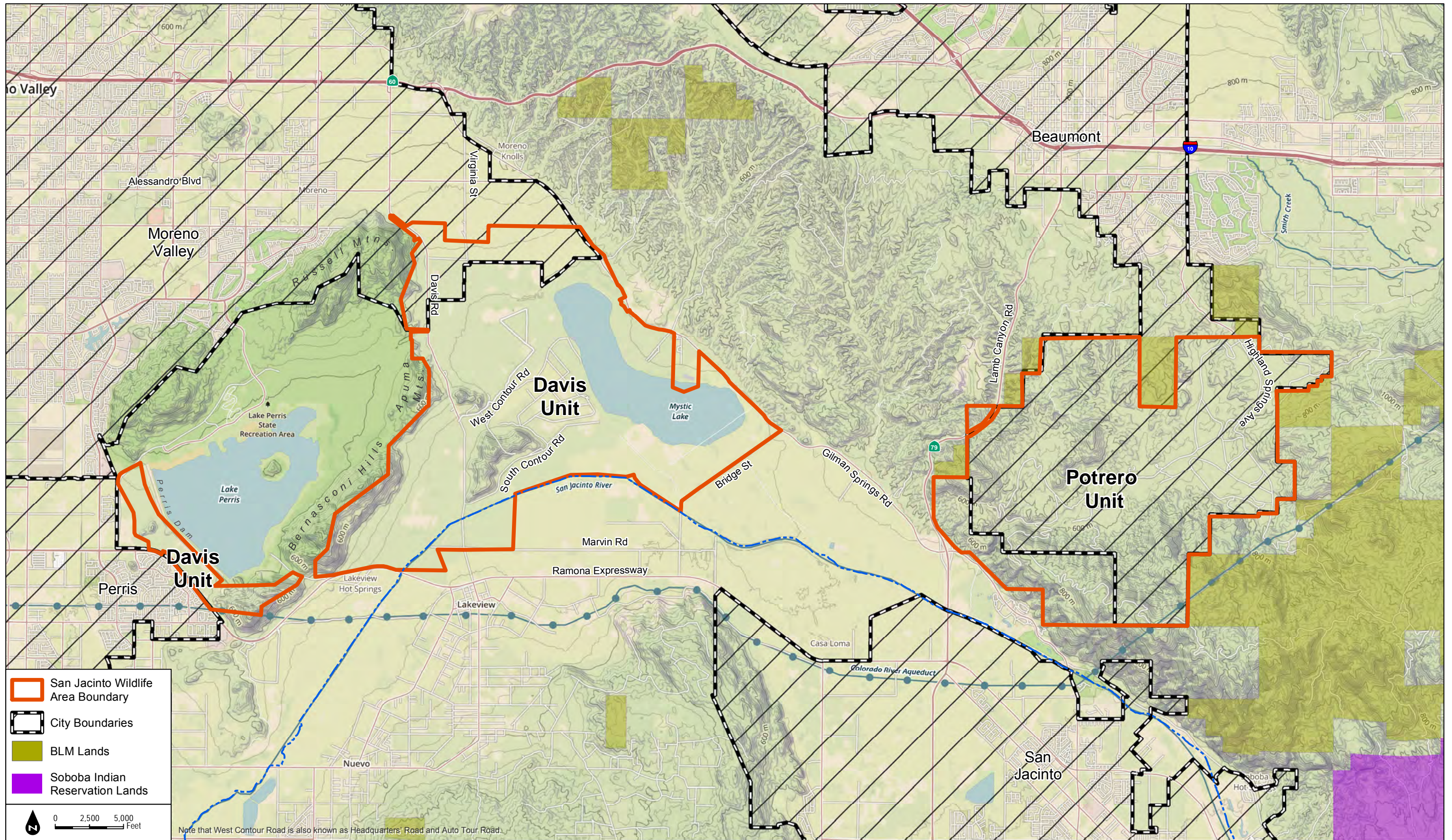
FIGURE 2-17B

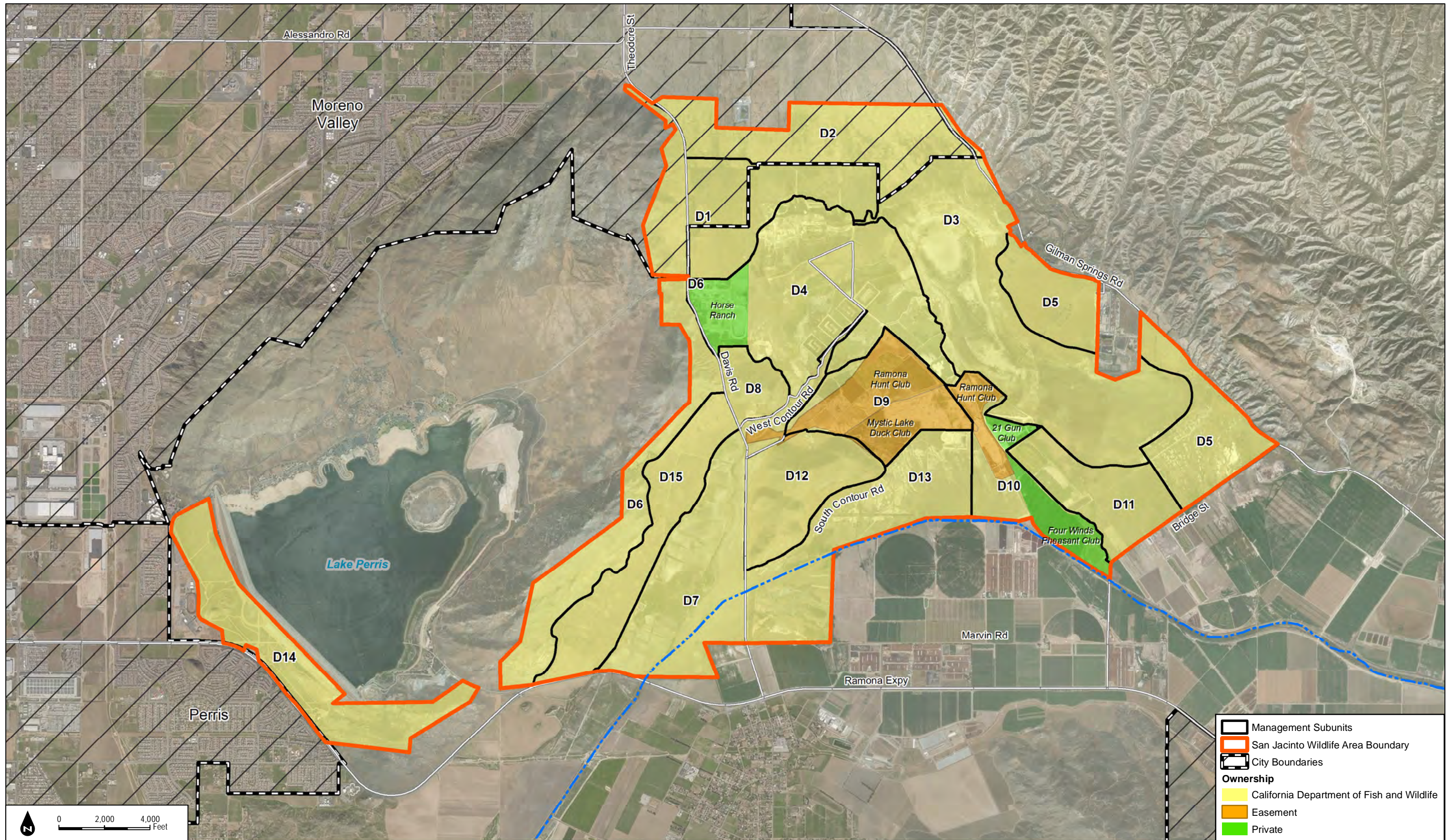
Summary of Proposed Project/Management Designations - Potrero Unit



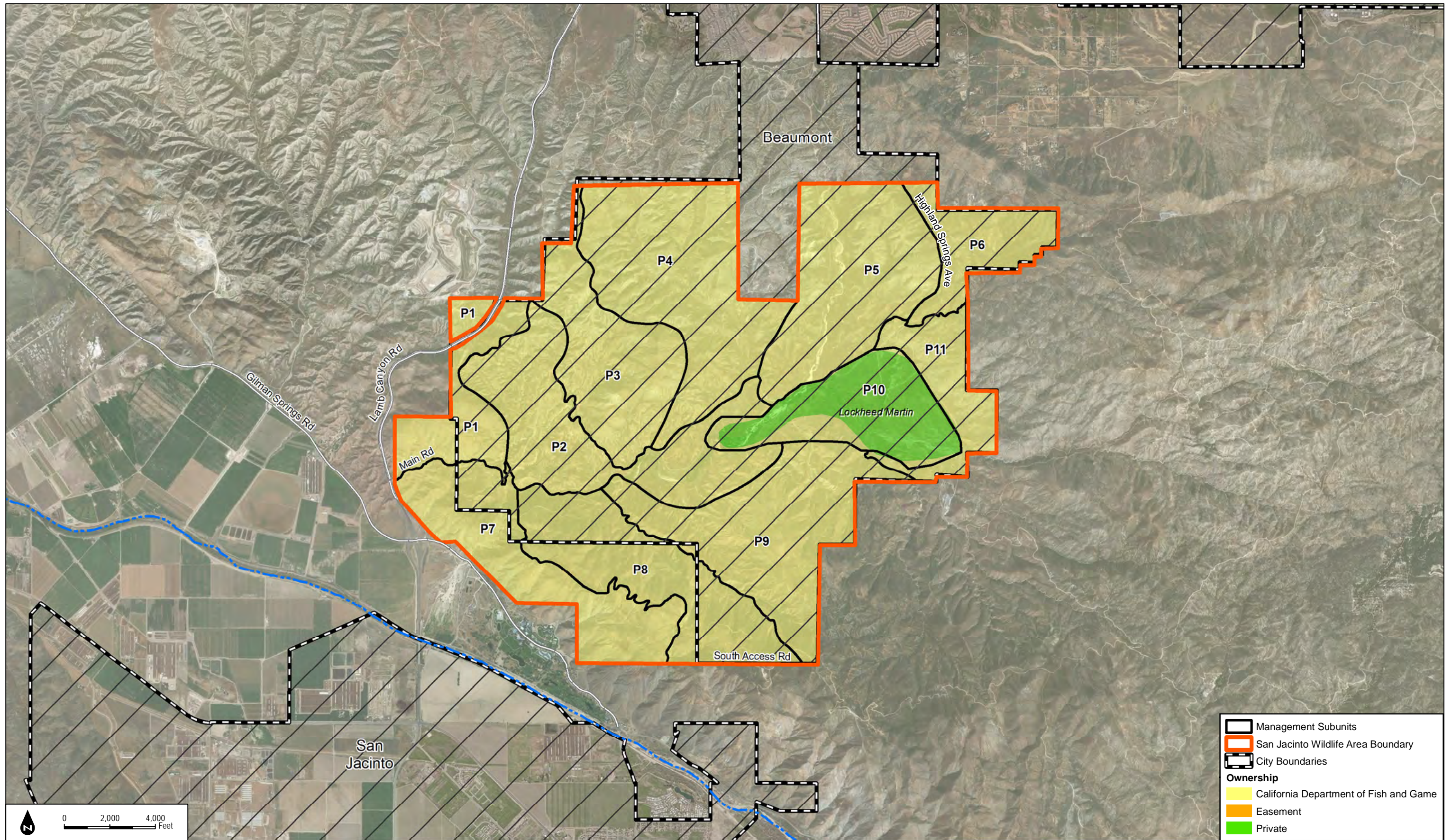
SOURCE: Bing Maps, 2016







	Management Subunits
	San Jacinto Wildlife Area Boundary
	City Boundaries
Ownership	
	California Department of Fish and Wildlife
	Easement
	Private



	Management Subunits
	San Jacinto Wildlife Area Boundary
	City Boundaries
Ownership	
	California Department of Fish and Game
	Easement
	Private

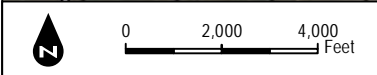
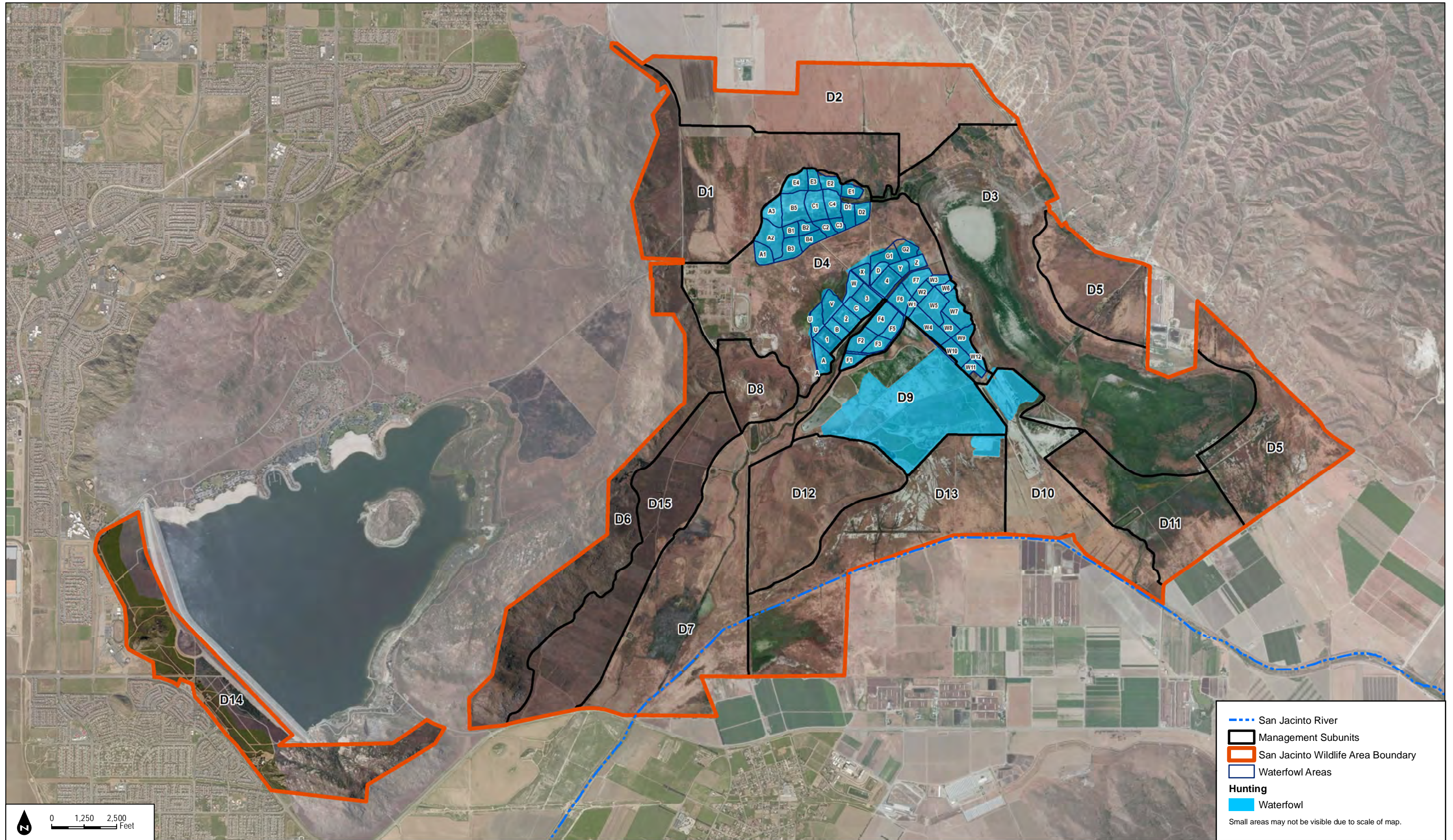


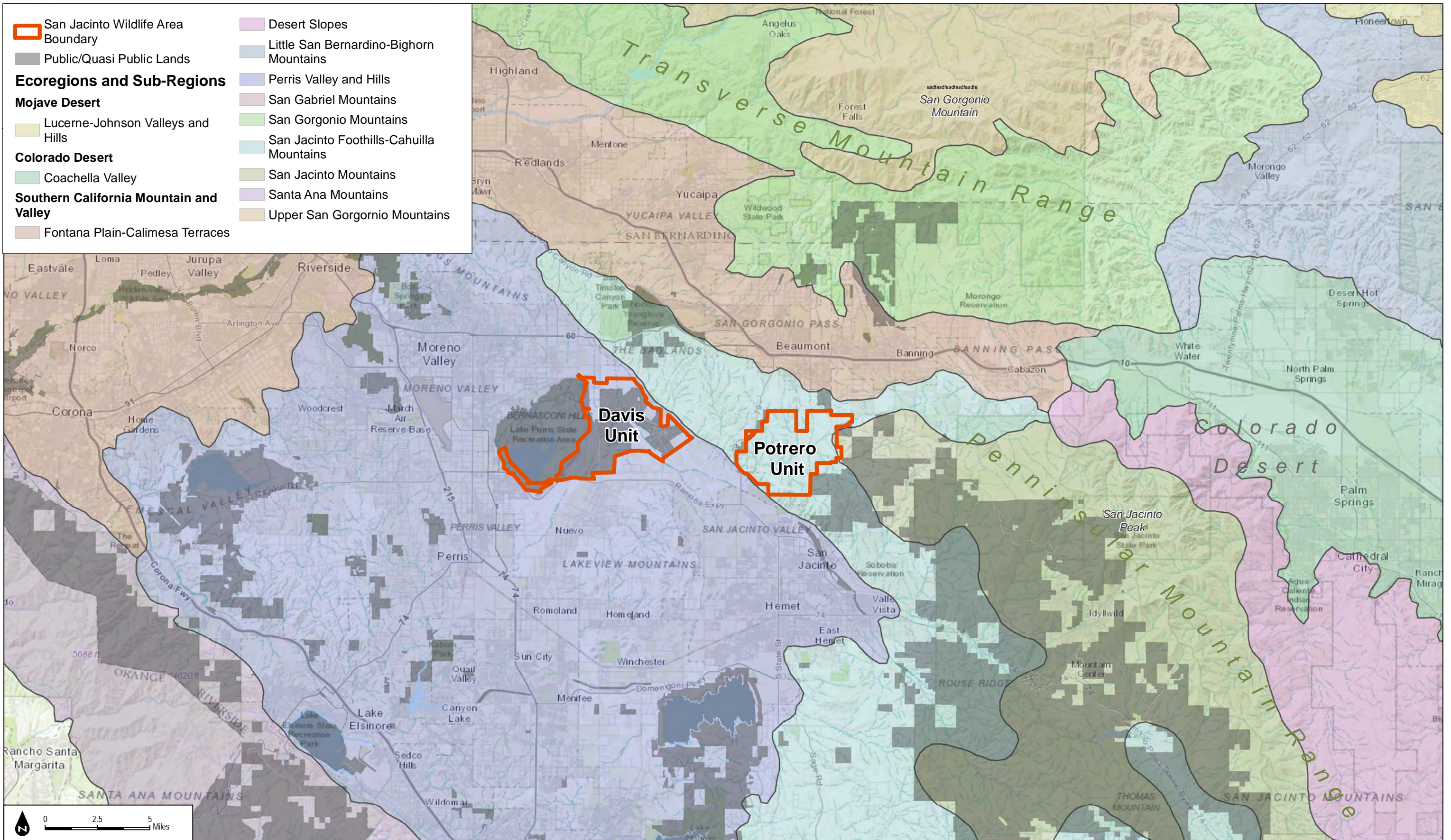
FIGURE 4-3B
Ownership and Existing Roads - Potrero Unit



DUDEK SOURCE: Bing Maps, 2015; USFWS 2011 & 2015

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FIGURE 4-4
Waterfowl Ponds - Davis Unit



- San Jacinto Wildlife Area Boundary
- Public/Quasi Public Lands
- Ecoregions and Sub-Regions**
- Mojave Desert**
- Lucerne-Johnson Valleys and Hills
- Colorado Desert**
- Coachella Valley
- Southern California Mountain and Valley**
- Desert Slopes
- Little San Bernardino-Bighorn Mountains
- Perris Valley and Hills
- San Gabriel Mountains
- San Gorgonio Mountains
- San Jacinto Foothills-Cahuilla Mountains
- San Jacinto Mountains
- Santa Ana Mountains
- Upper San Gorgonio Mountains
- Fontana Plain-Calimesa Terraces

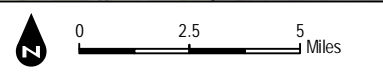
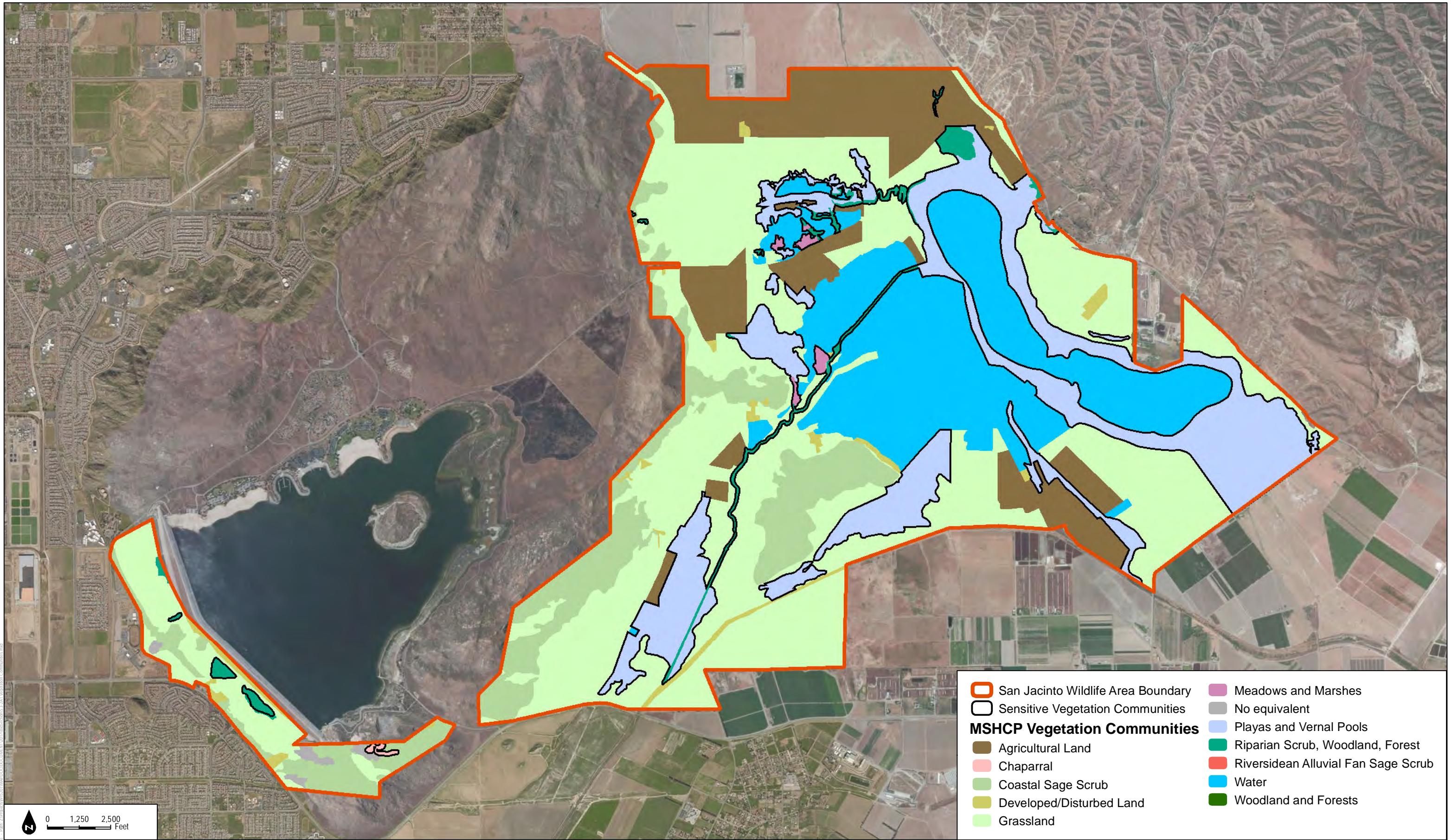


FIGURE 5.3-1
Biogeographic Setting












- | | |
|-------------------------------------|-------------------------------------|
| San Jacinto Wildlife Area Boundary | Meadows and Marshes |
| Sensitive Vegetation Communities | No equivalent |
| MSHCP Vegetation Communities | |
| Agricultural Land | Playas and Vernal Pools |
| Chaparral | Riparian Scrub, Woodland, Forest |
| Coastal Sage Scrub | Riversidean Alluvial Fan Sage Scrub |
| Developed/Disturbed Land | Water |
| Grassland | Woodland and Forests |

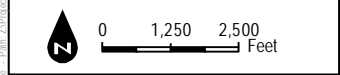
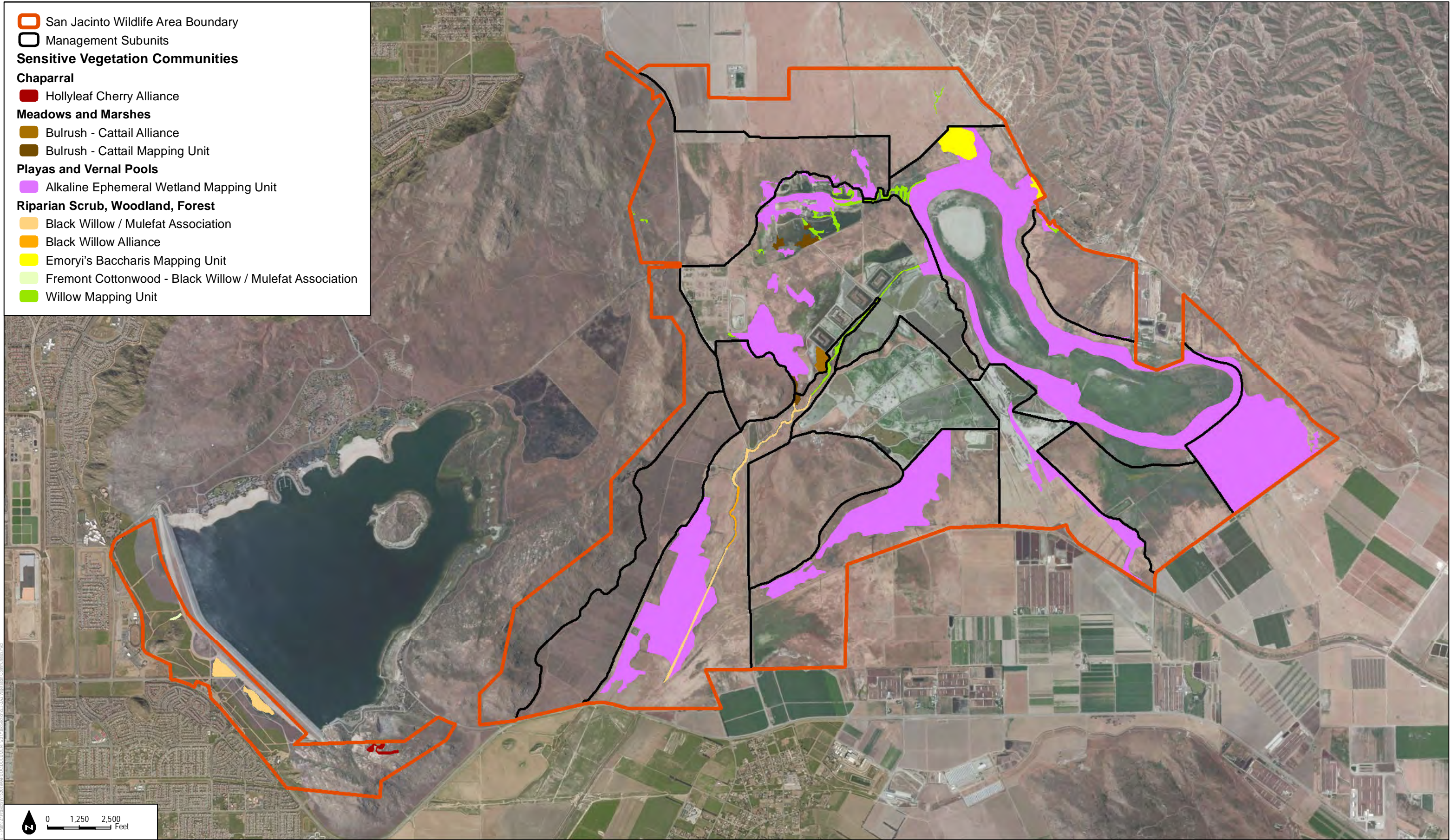
0 1,250 2,500 Feet

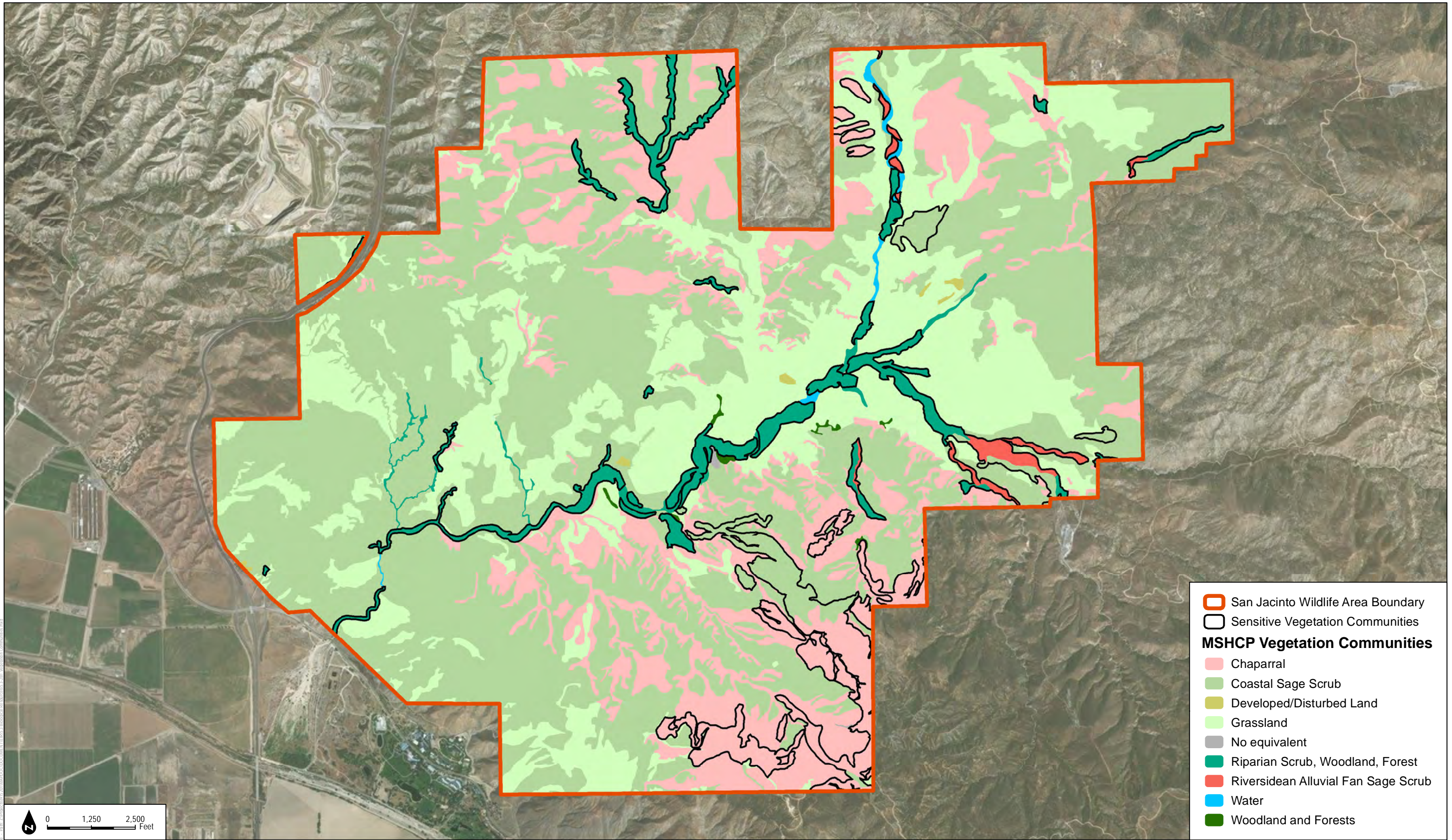
SOURCE: Bing Maps, 2016



FIGURE 5.3-2A.1
MSHCP Vegetation Communities - Davis Unit

-  San Jacinto Wildlife Area Boundary
-  Management Subunits
- Sensitive Vegetation Communities**
- Chaparral**
-  Hollyleaf Cherry Alliance
- Meadows and Marshes**
-  Bulrush - Cattail Alliance
-  Bulrush - Cattail Mapping Unit
- Playas and Vernal Pools**
-  Alkaline Ephemeral Wetland Mapping Unit
- Riparian Scrub, Woodland, Forest**
-  Black Willow / Mulefat Association
-  Black Willow Alliance
-  Emory's Baccharis Mapping Unit
-  Fremont Cottonwood - Black Willow / Mulefat Association
-  Willow Mapping Unit





- San Jacinto Wildlife Area Boundary
- Sensitive Vegetation Communities
- MSHCP Vegetation Communities**
- Chaparral
- Coastal Sage Scrub
- Developed/Disturbed Land
- Grassland
- No equivalent
- Riparian Scrub, Woodland, Forest
- Riversidean Alluvial Fan Sage Scrub
- Water
- Woodland and Forests

0 1,250 2,500 Feet

FIGURE 5.3-2B.1

MSHCP Vegetation Communities - Potrero Unit

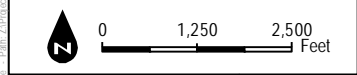
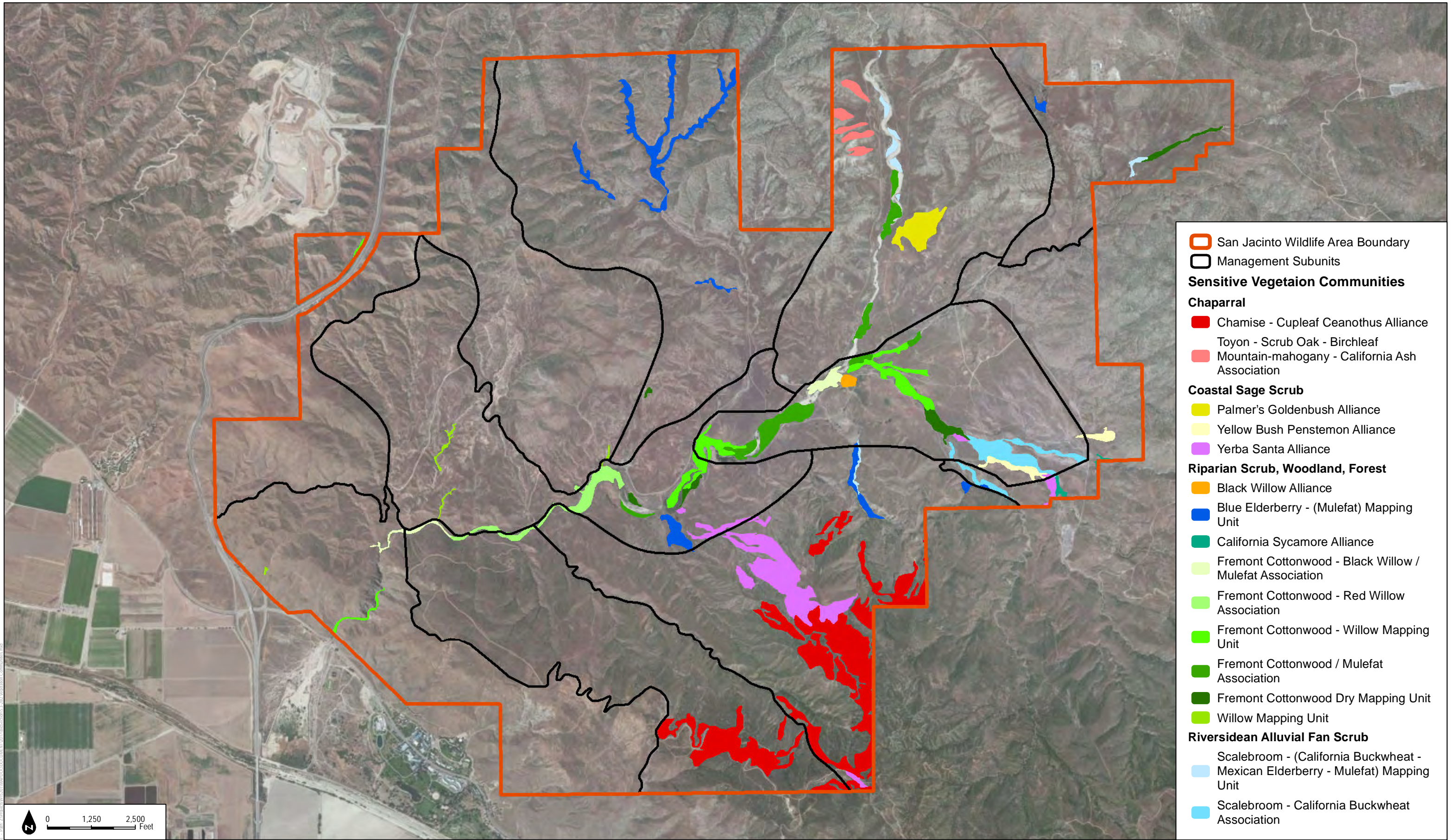
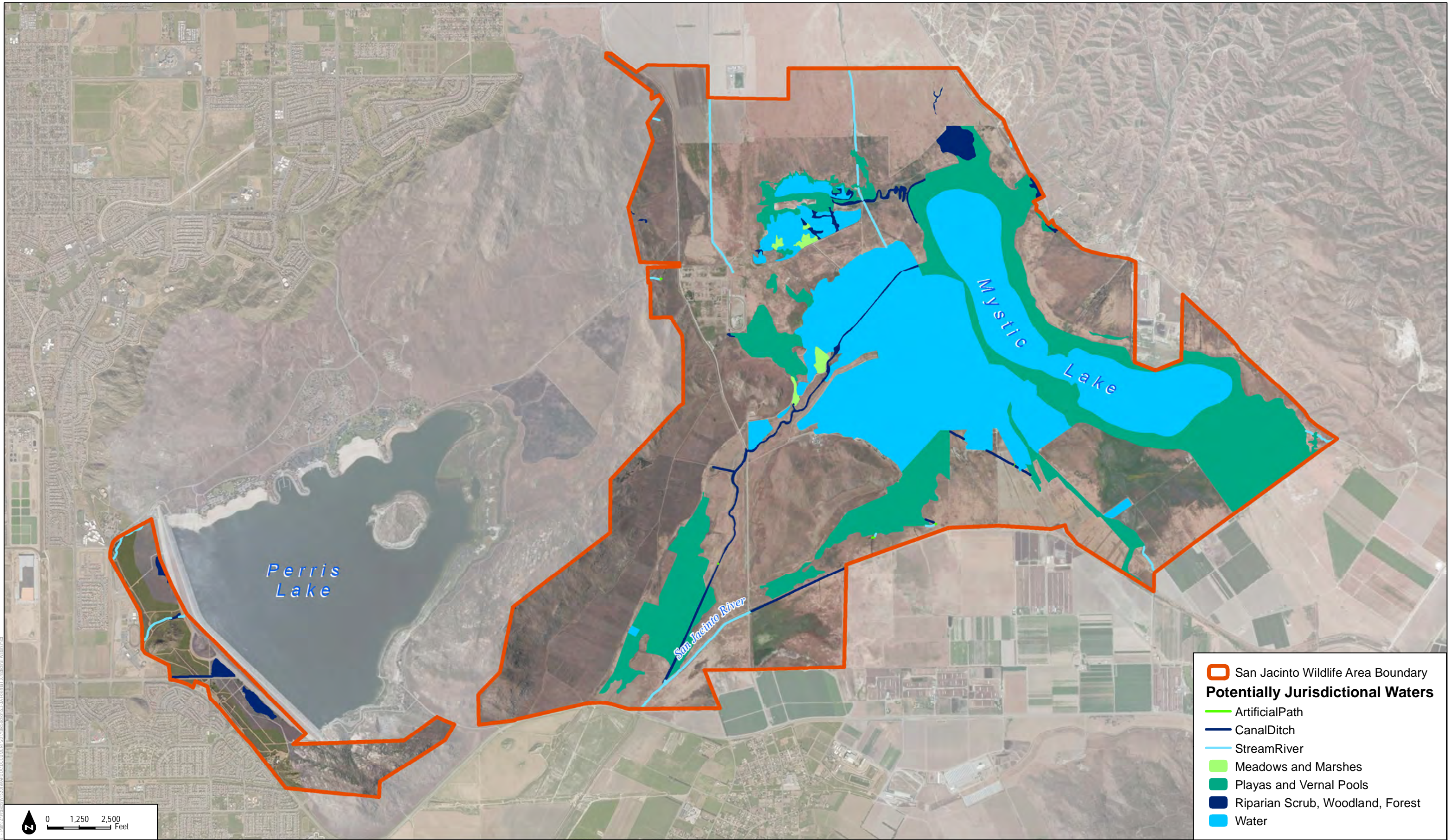


FIGURE 5.3-2B.2

Sensitive Vegetation Communities - Potrero Unit



- San Jacinto Wildlife Area Boundary
- Potentially Jurisdictional Waters**
- ArtificialPath
- CanalDitch
- StreamRiver
- Meadows and Marshes
- Playas and Vernal Pools
- Riparian Scrub, Woodland, Forest
- Water

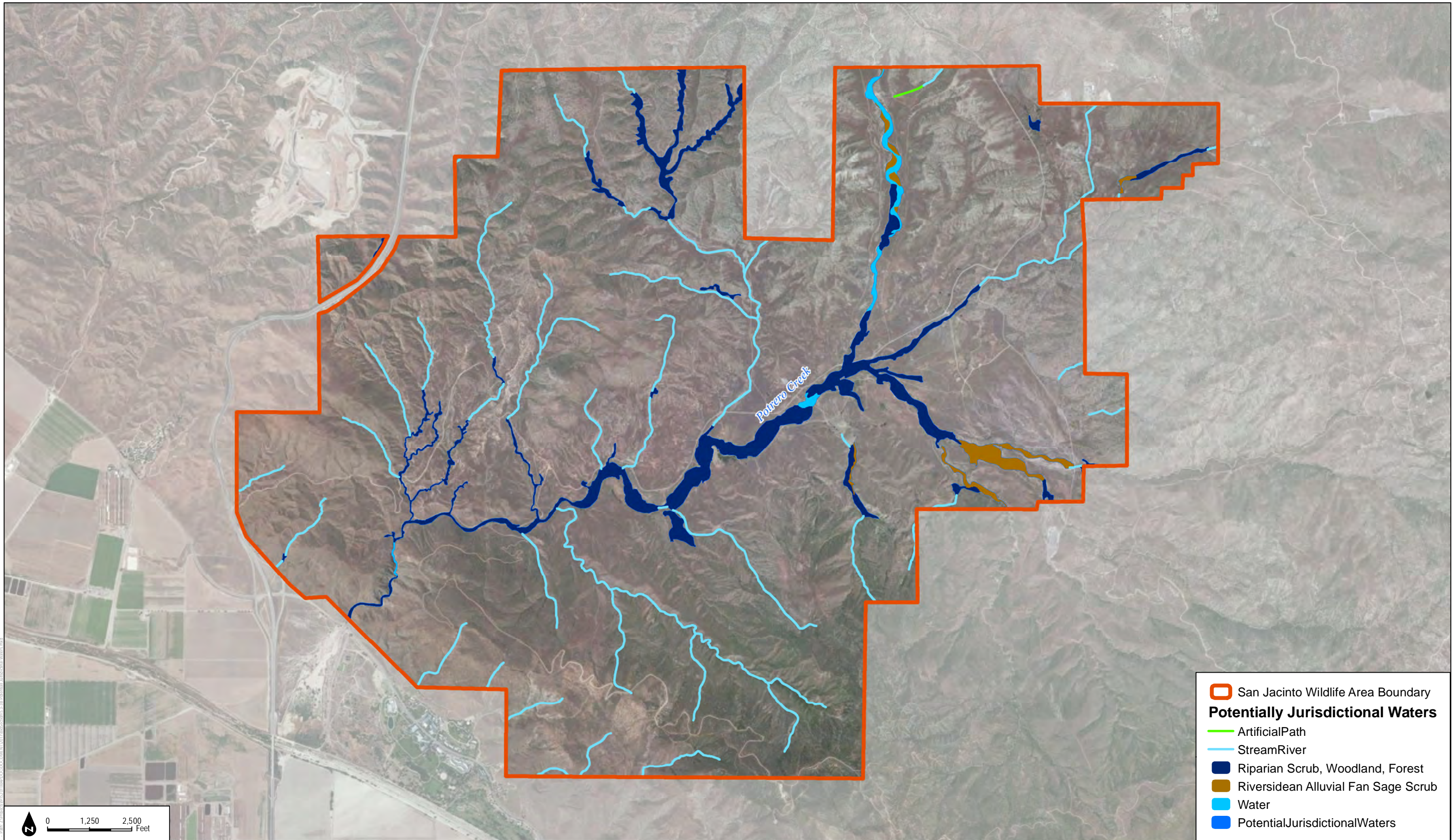
0 1,250 2,500 Feet

FIGURE 5.3-3A

Potentially Jurisdictional Waters - Davis Unit

SOURCE: Bing Maps, 2016; USGS, 2016





- San Jacinto Wildlife Area Boundary
- Potentially Jurisdictional Waters**
- Artificial Path
- Stream/River
- Riparian Scrub, Woodland, Forest
- Riversidean Alluvial Fan Sage Scrub
- Water
- Potential Jurisdictional Waters

0 1,250 2,500 Feet

SOURCE: Bing Maps, 2016; USGS, 2016



FIGURE 5.3-3B
Potentially Jurisdictional Waters - Potrero Unit

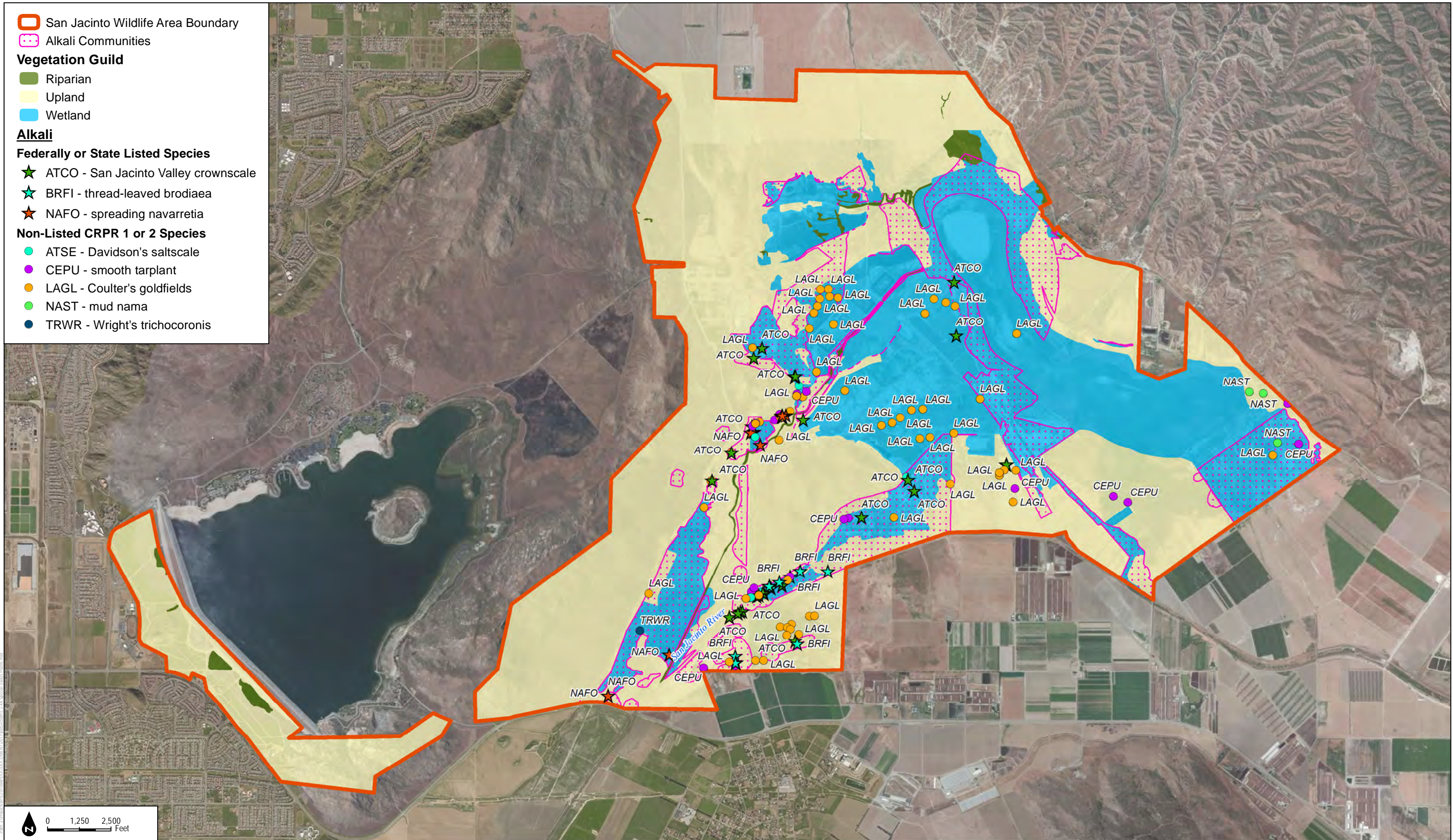
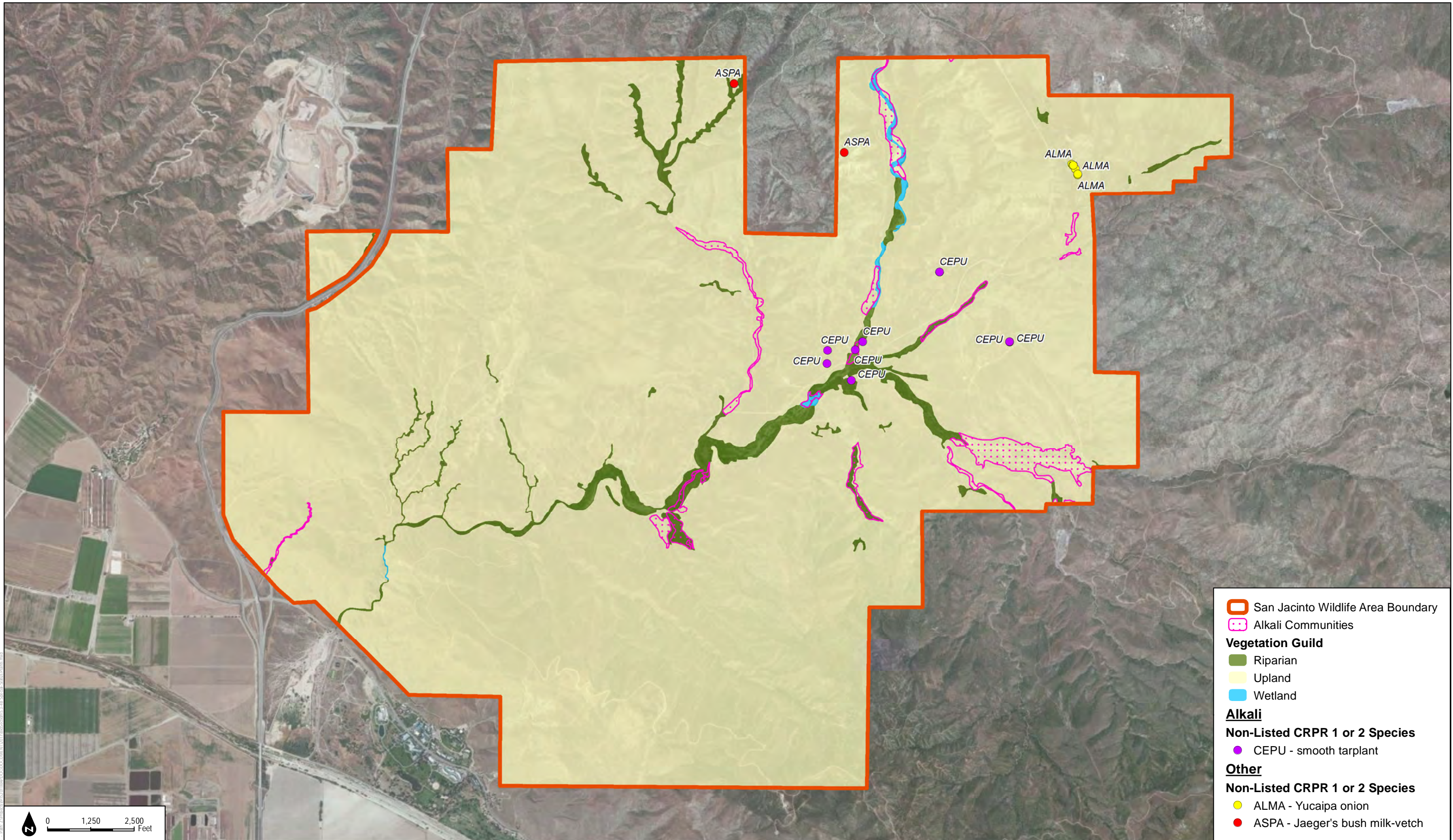


FIGURE 5.3-4A

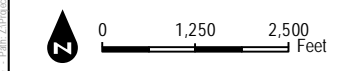
Special-Status Plants - Davis Unit

SOURCE: Bing Maps, 2016; USGS, 2016





San Jacinto Wildlife Area Boundary
 Alkali Communities
Vegetation Guild
 Riparian
 Upland
 Wetland
Alkali
Non-Listed CRPR 1 or 2 Species
 CEPU - smooth tarplant
Other
Non-Listed CRPR 1 or 2 Species
 ALMA - Yucaipa onion
 ASPA - Jaeger's bush milk-vetch



SOURCE: Bing Maps, 2016; USGS, 2016



FIGURE 5.3-4B
Special-Status Plants - Potrero Unit

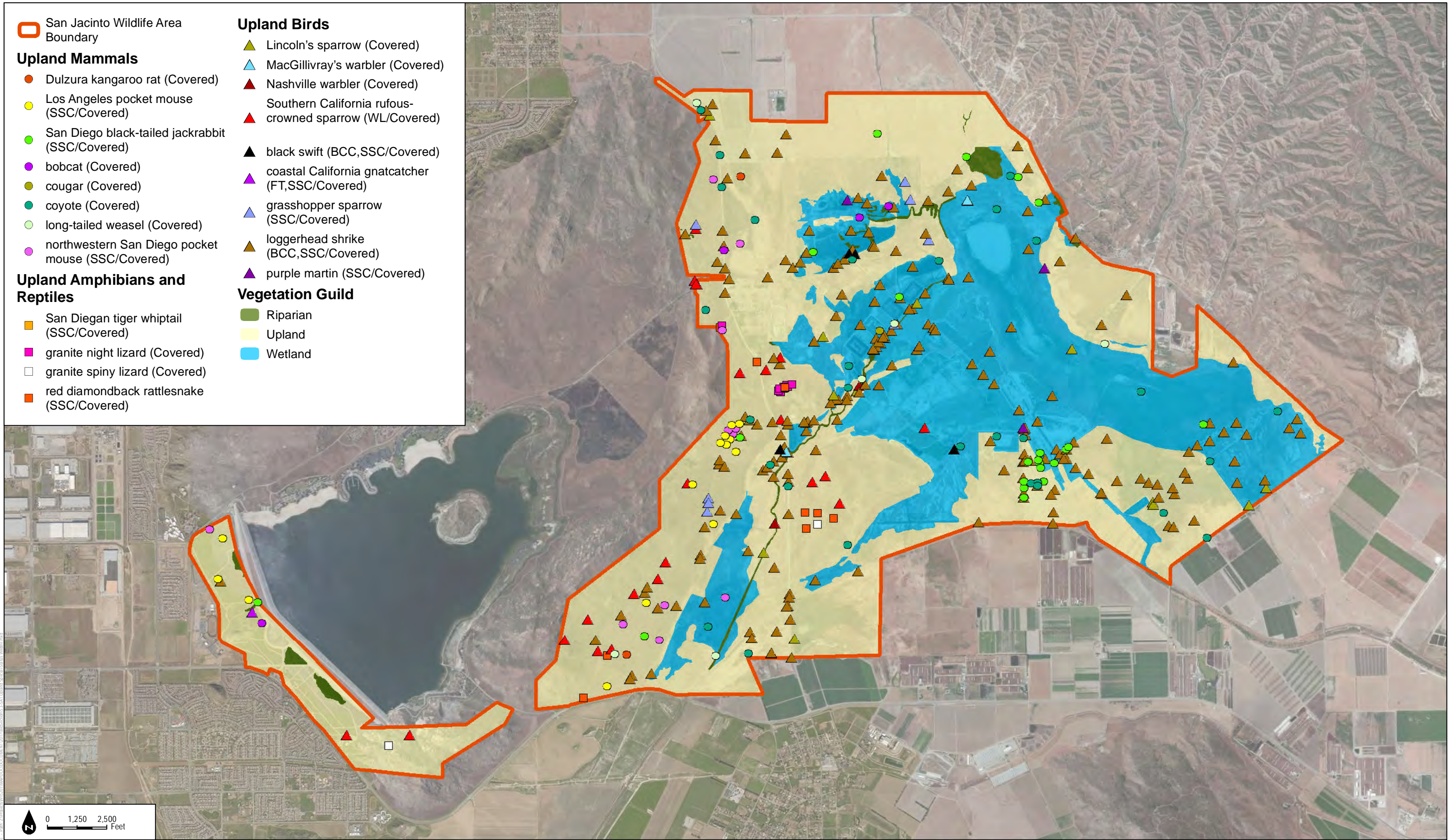
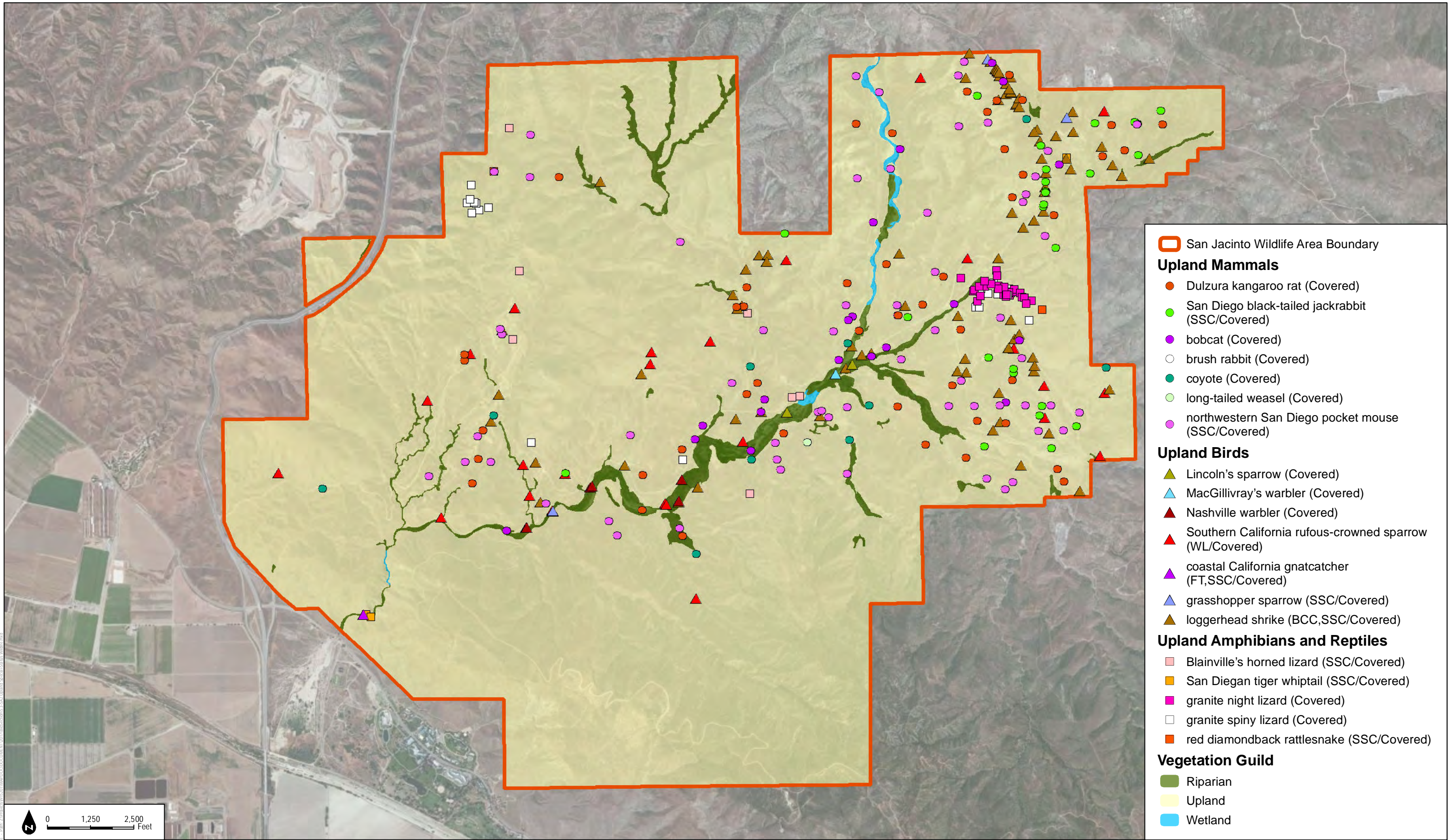


FIGURE 5.3-5A.1

Upland Special-Status Wildlife - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016





- San Jacinto Wildlife Area Boundary
- Upland Mammals**
- Dulzura kangaroo rat (Covered)
- San Diego black-tailed jackrabbit (SSC/Covered)
- bobcat (Covered)
- brush rabbit (Covered)
- coyote (Covered)
- long-tailed weasel (Covered)
- northwestern San Diego pocket mouse (SSC/Covered)
- Upland Birds**
- ▲ Lincoln's sparrow (Covered)
- ▲ MacGillivray's warbler (Covered)
- ▲ Nashville warbler (Covered)
- ▲ Southern California rufous-crowned sparrow (WL/Covered)
- ▲ coastal California gnatcatcher (FT,SSC/Covered)
- ▲ grasshopper sparrow (SSC/Covered)
- ▲ loggerhead shrike (BCC,SSC/Covered)
- Upland Amphibians and Reptiles**
- Blainville's horned lizard (SSC/Covered)
- San Diegan tiger whiptail (SSC/Covered)
- granite night lizard (Covered)
- granite spiny lizard (Covered)
- red diamondback rattlesnake (SSC/Covered)
- Vegetation Guild**
- Riparian
- Upland
- Wetland

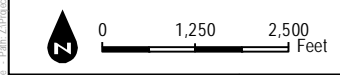


FIGURE 5.3-5A.2

Upland Special-Status Wildlife - Potrero Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



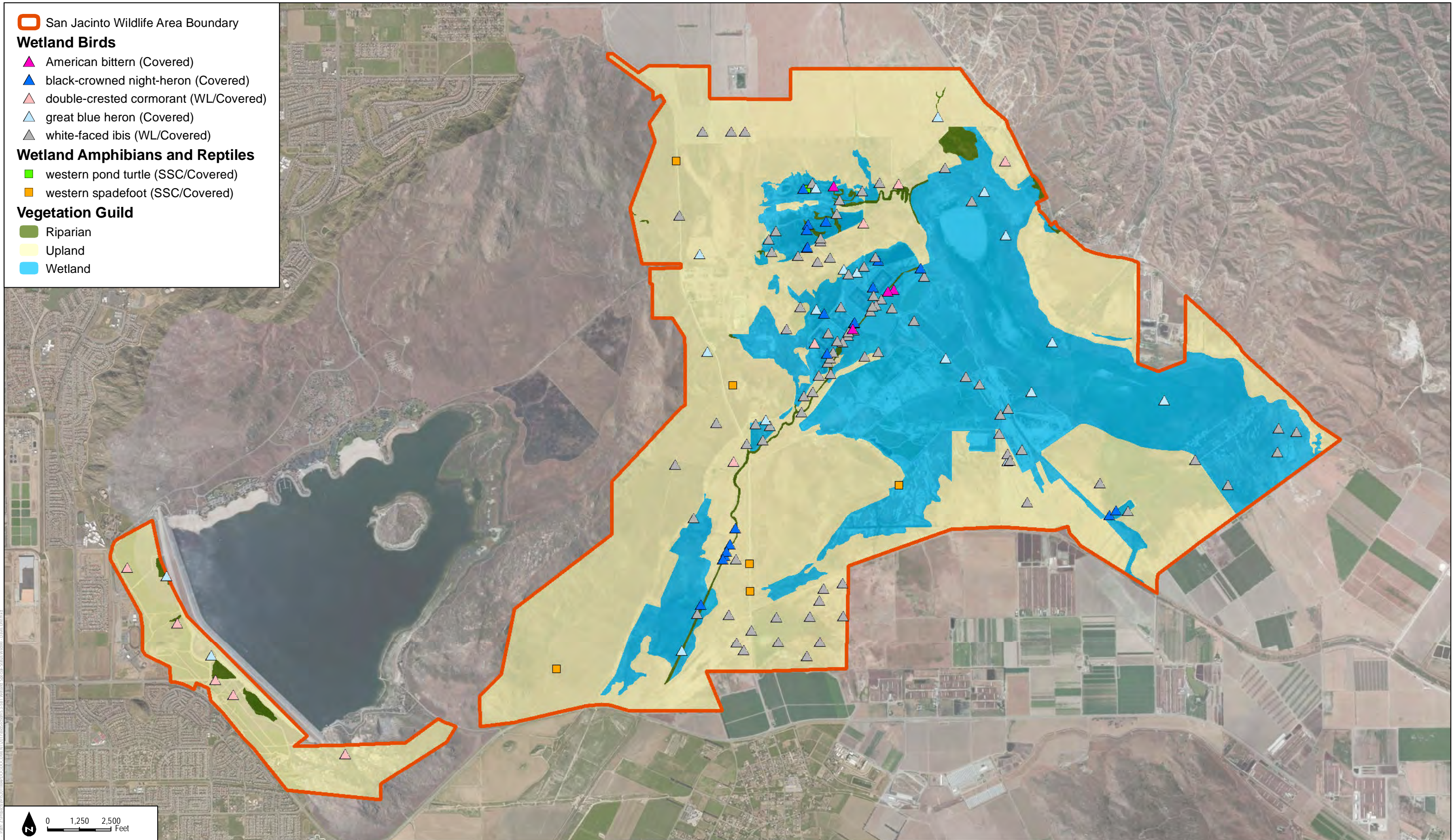
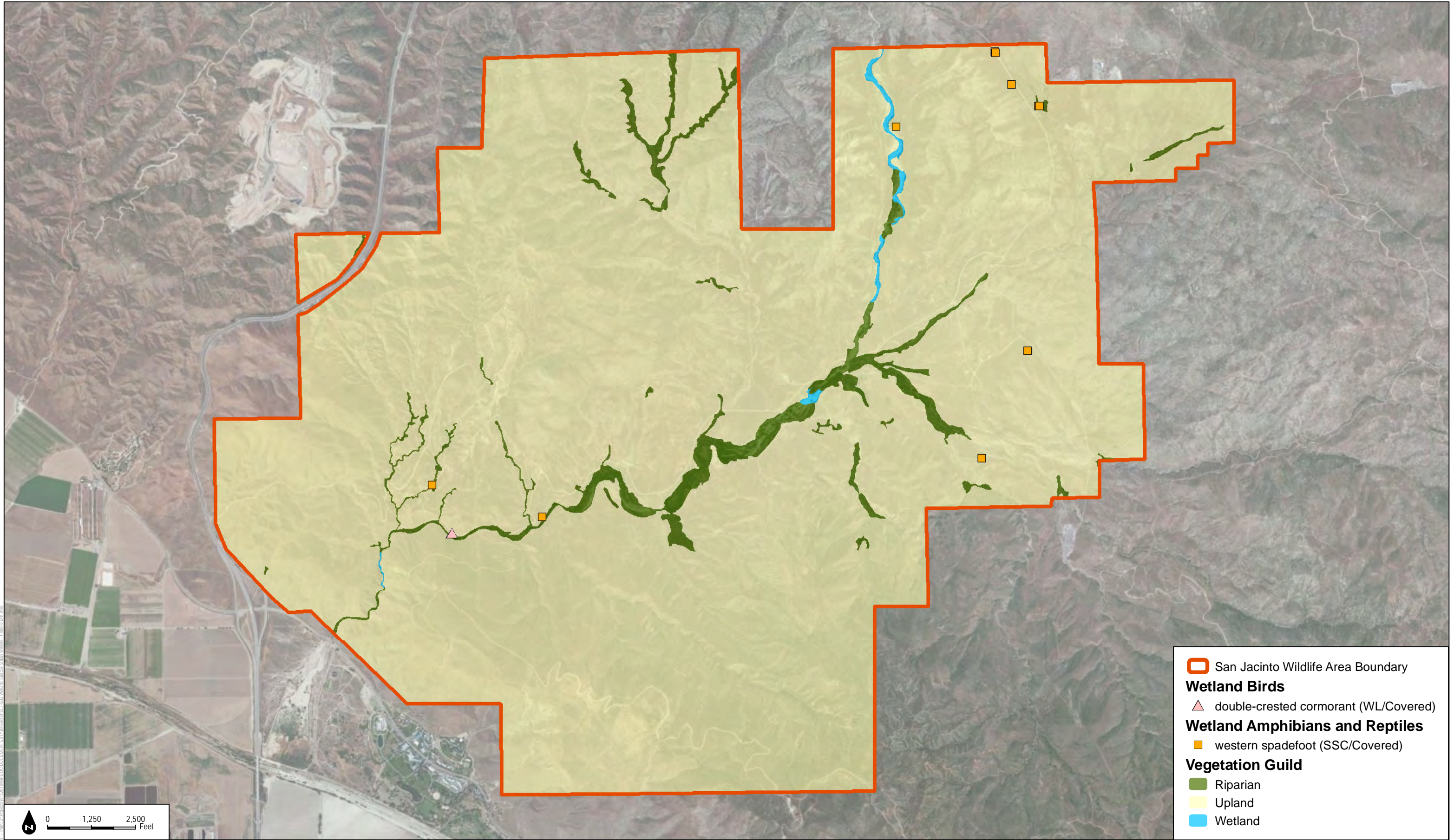


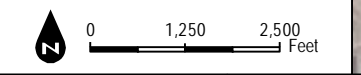
FIGURE 5.3-5B.1

Special-Status Wildlife Occurrences in Wetland Guild - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



 San Jacinto Wildlife Area Boundary
Wetland Birds
▲ double-crested cormorant (WL/Covered)
Wetland Amphibians and Reptiles
■ western spadefoot (SSC/Covered)
Vegetation Guild
■ Riparian
■ Upland
■ Wetland



SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



FIGURE 5.3-5B.2
Special-Status Wildlife Occurrences in Wetland Guild - Potrero Unit

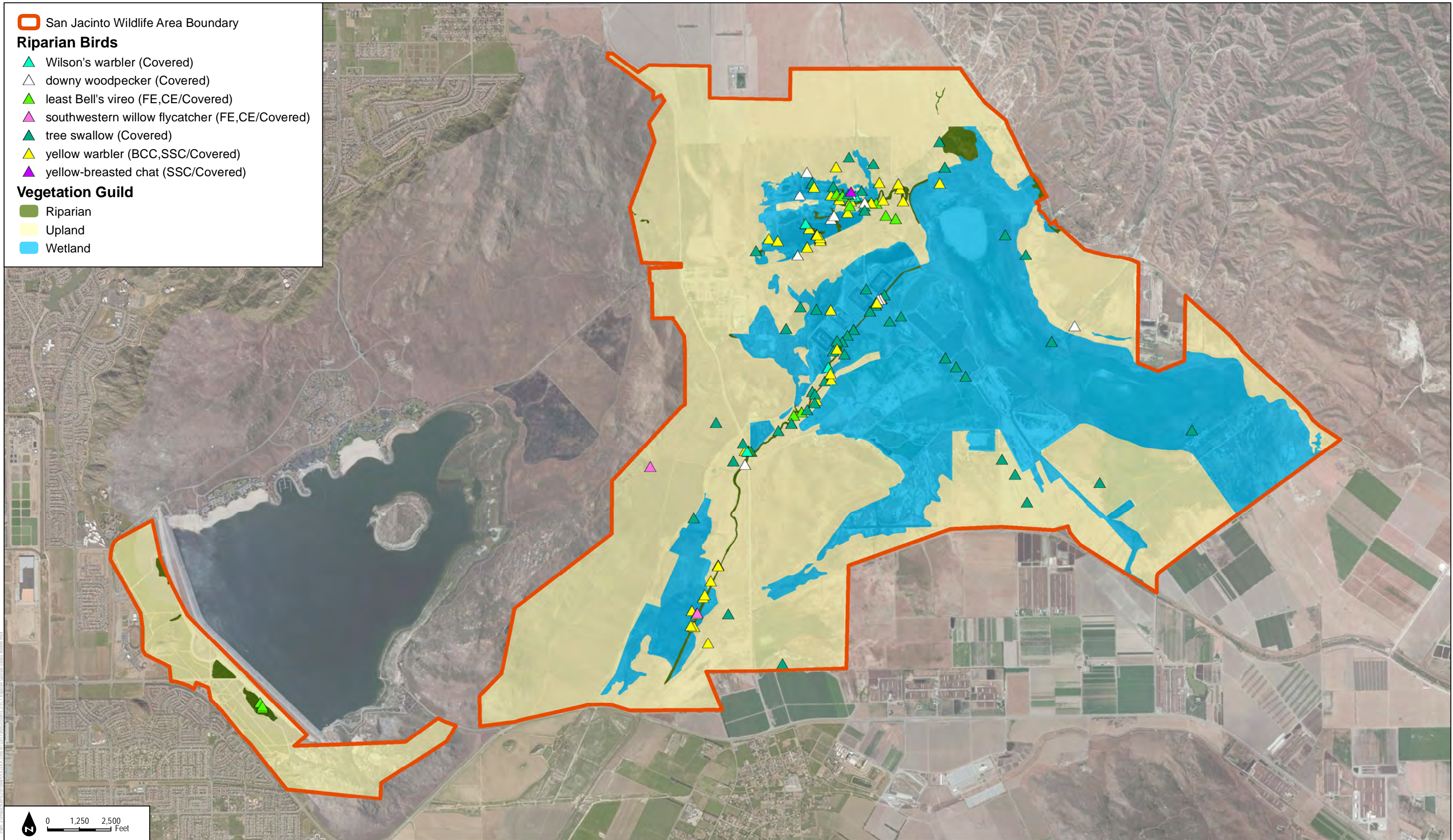
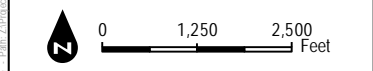
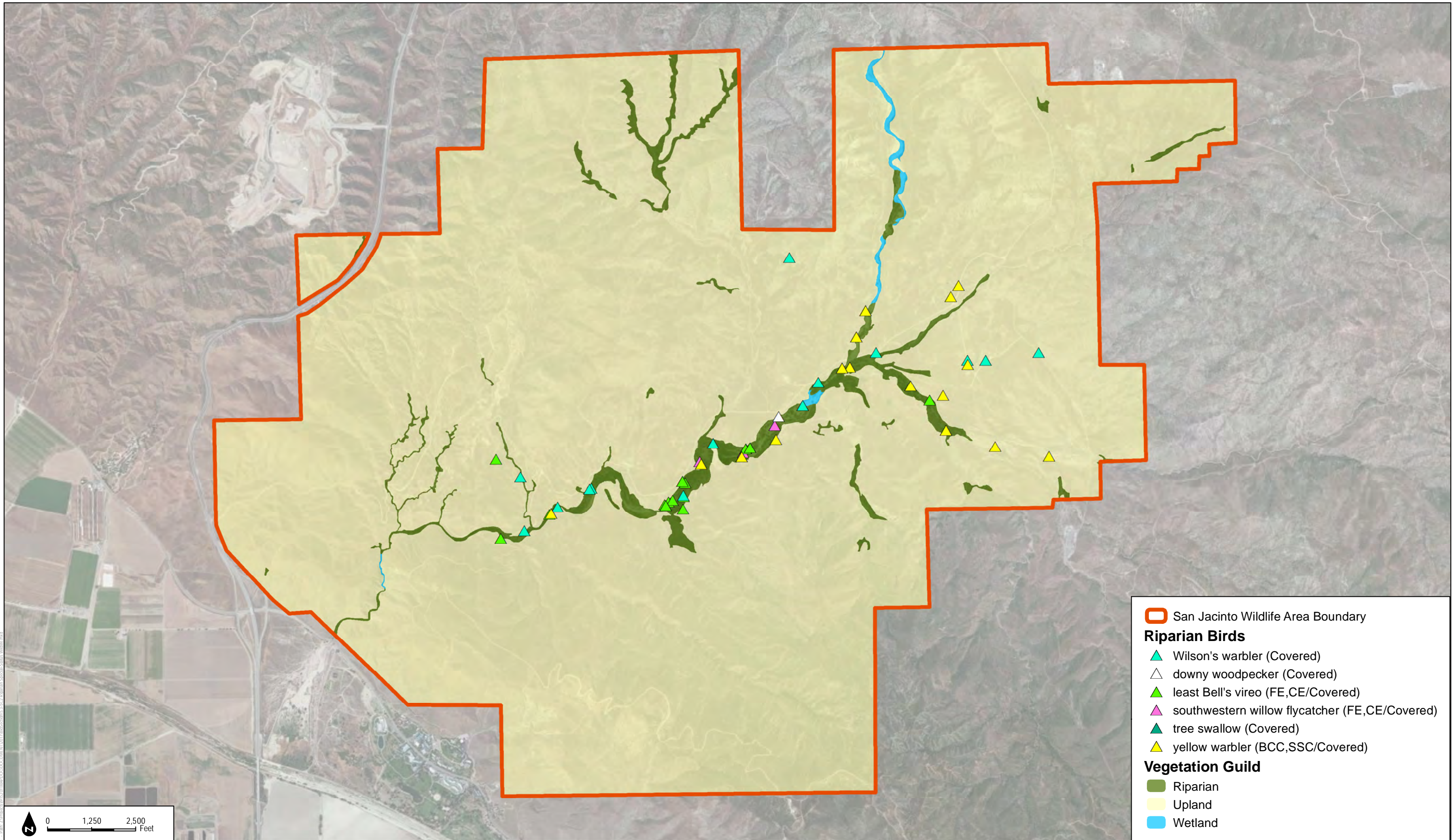


FIGURE 5.3-5C.1

Special-Status Wildlife Occurrences in Riparian Guild - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



FIGURE 5.3-5C.2
Special-Status Wildlife Occurrences in Riparian Guild - Potrero Unit

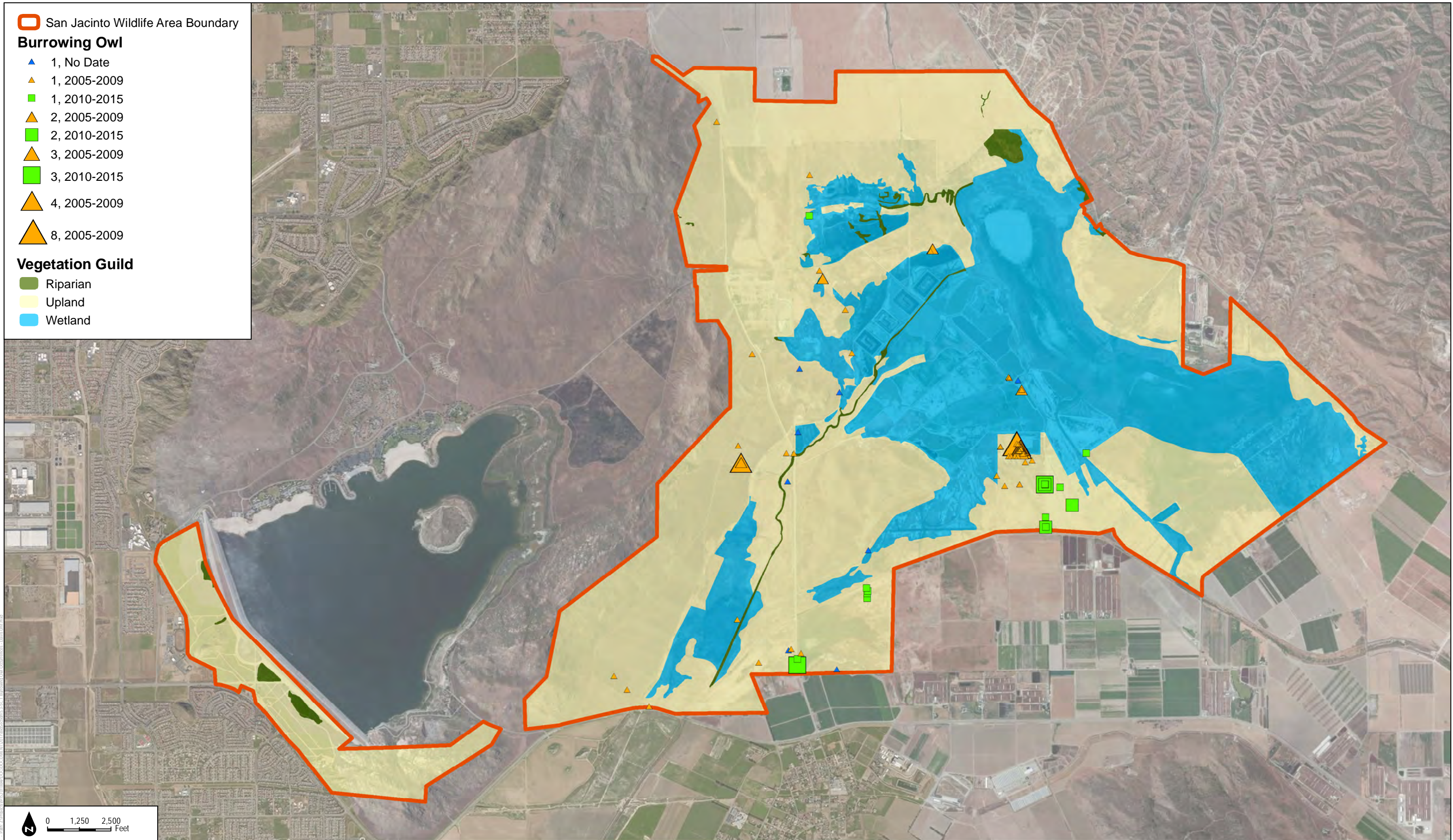
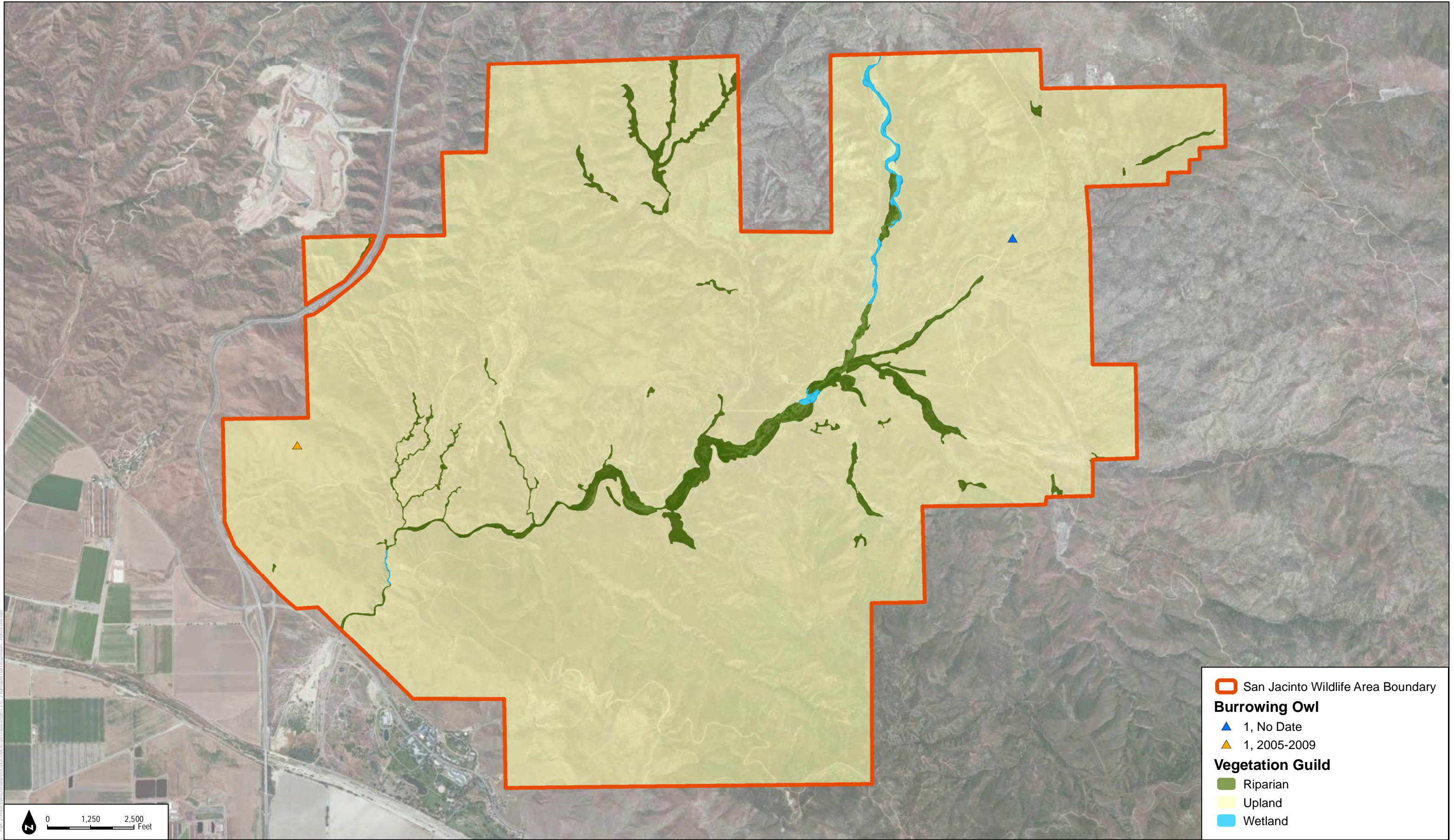


FIGURE 5.3-5D.1

Burrowing Owl Occurrences - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



 San Jacinto Wildlife Area Boundary
Burrowing Owl
▲ 1, No Date
▲ 1, 2005-2009
Vegetation Guild
■ Riparian
 Upland
■ Wetland

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



FIGURE 5.3-5D.2
Burrowing Owl Occurrences - Potrero Unit

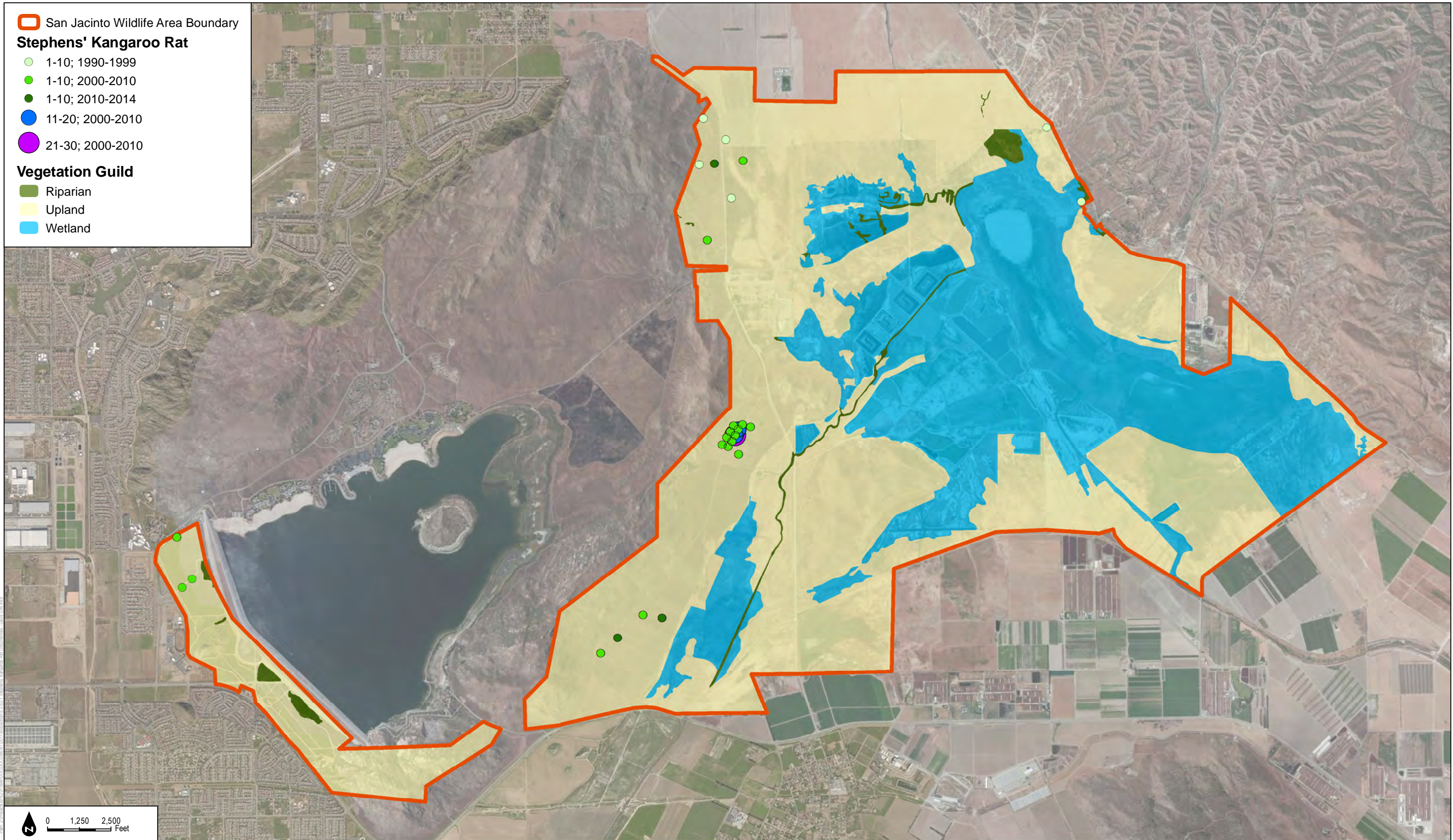


FIGURE 5.3-5E.1

Stephens' Kangaroo Rat Occurrences - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016

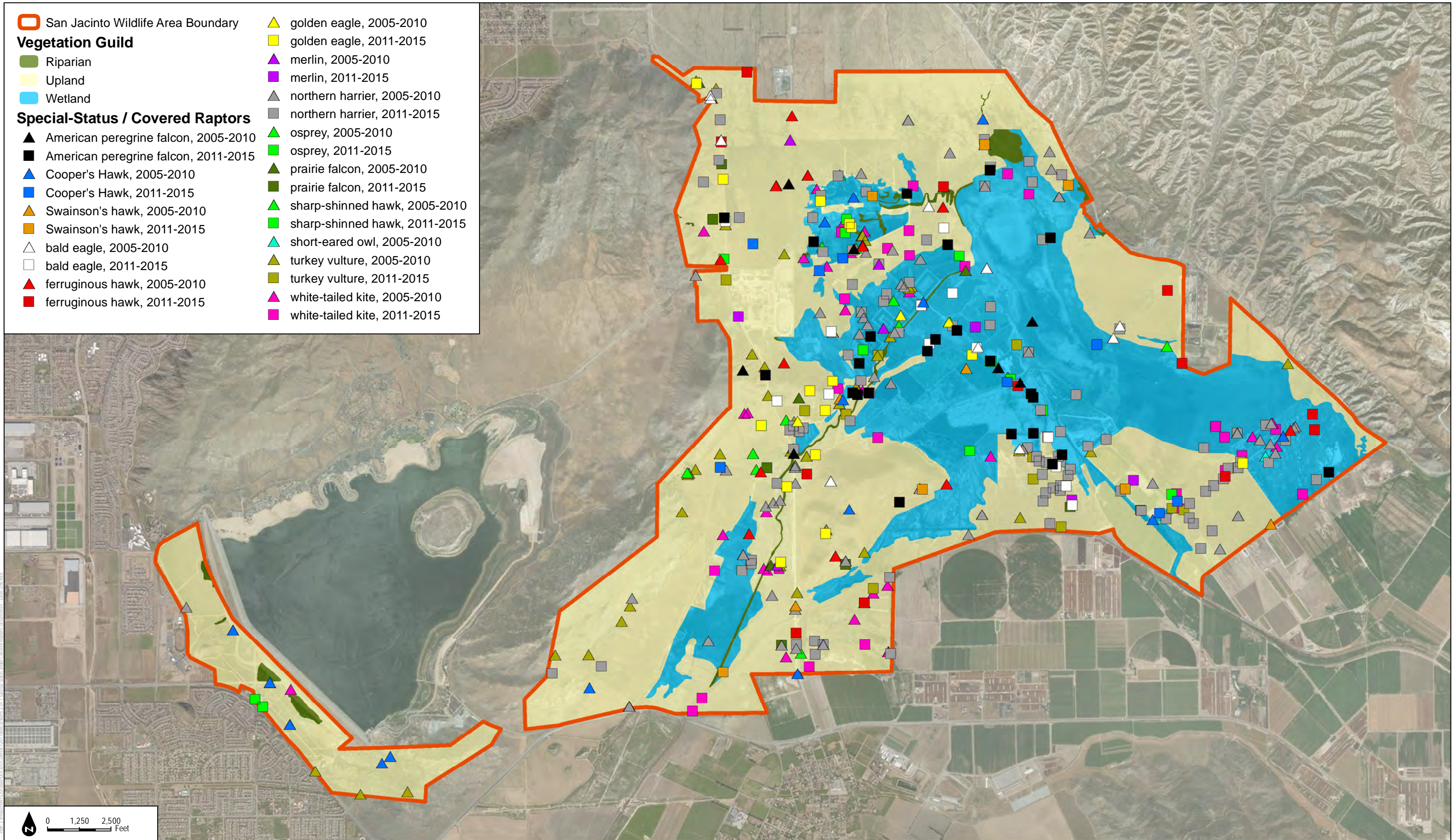
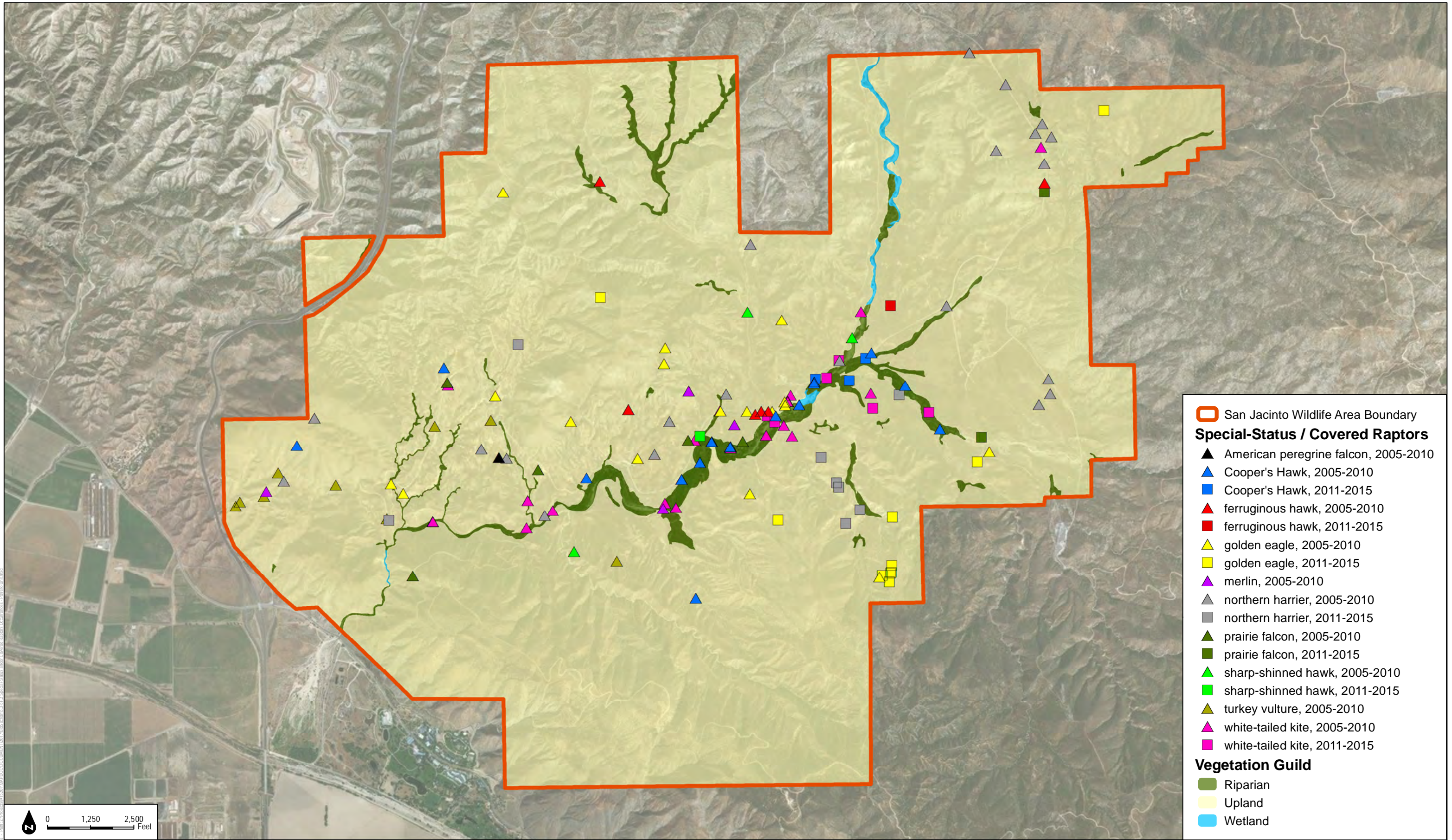


FIGURE 5.3-5F.1

Special-Status / Covered Raptors Occurrences - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



- San Jacinto Wildlife Area Boundary
- Special-Status / Covered Raptors**
- ▲ American peregrine falcon, 2005-2010
- ▲ Cooper's Hawk, 2005-2010
- Cooper's Hawk, 2011-2015
- ▲ ferruginous hawk, 2005-2010
- ferruginous hawk, 2011-2015
- ▲ golden eagle, 2005-2010
- golden eagle, 2011-2015
- ▲ merlin, 2005-2010
- ▲ northern harrier, 2005-2010
- northern harrier, 2011-2015
- ▲ prairie falcon, 2005-2010
- prairie falcon, 2011-2015
- ▲ sharp-shinned hawk, 2005-2010
- sharp-shinned hawk, 2011-2015
- ▲ turkey vulture, 2005-2010
- ▲ white-tailed kite, 2005-2010
- white-tailed kite, 2011-2015
- Vegetation Guild**
- Riparian
- Upland
- Wetland

0 1,250 2,500 Feet

FIGURE 5.3-5F.2

Special-Status / Covered Raptors Occurrences - Potrero Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



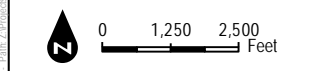
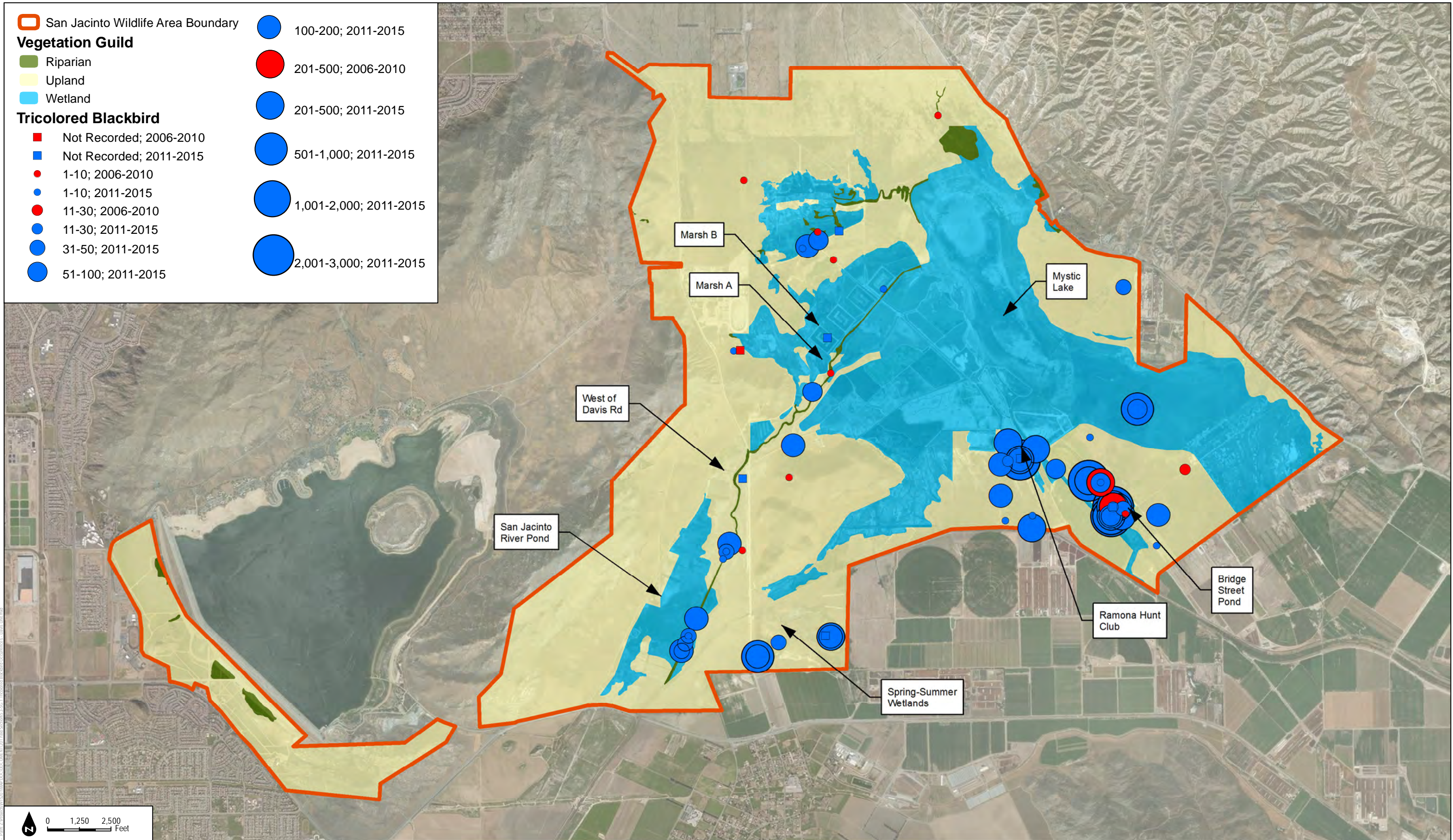
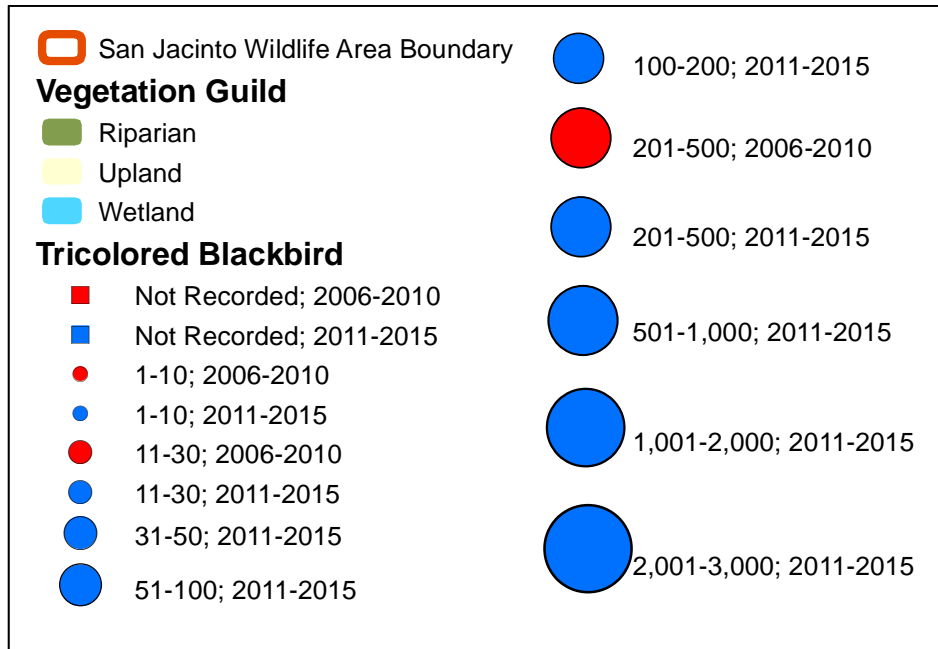
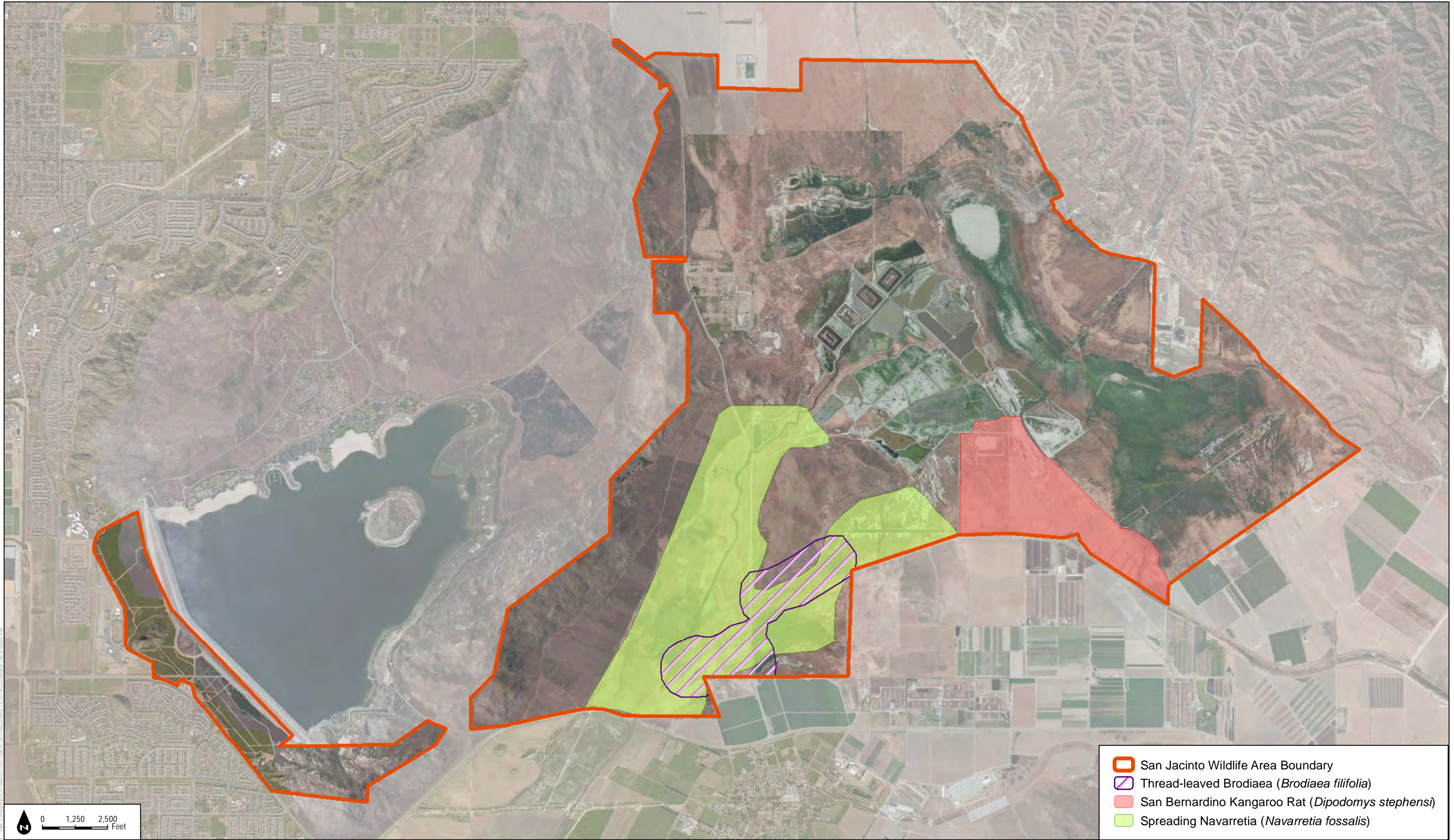


FIGURE 5.3-5G.1

Tricolored Blackbird Occurrences - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



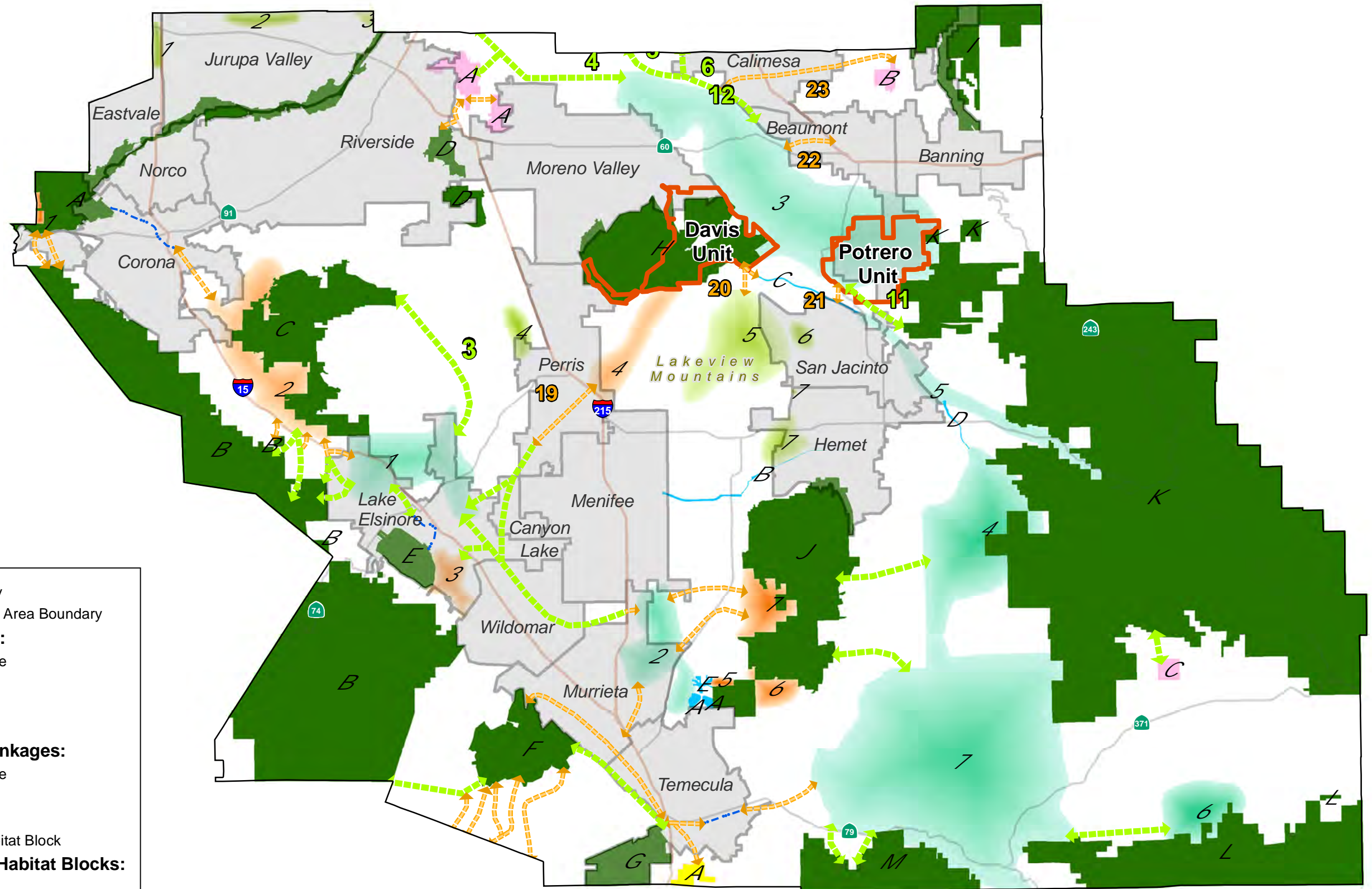


- San Jacinto Wildlife Area Boundary
- Thread-leaved Brodiaea (*Brodiaea filifolia*)
- San Bernardino Kangaroo Rat (*Dipodomys stephensi*)
- Spreading Navarretia (*Navarretia fossalis*)

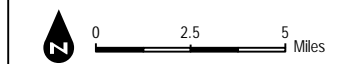
FIGURE 5.3-6
USFWS-Designated Critical Habitat

SOURCE: Bing Maps, 2016; USFWS, 2016





- Plan Area Boundary
- San Jacinto Wildlife Area Boundary
- Proposed Linkages:**
- Constrained Linkage
- Linkage
- Existing Channel
- Cities
- Existing Cores & Linkages:**
- Constrained Linkage
- Core
- Linkage
- Noncontiguous Habitat Block
- Proposed Cores & Habitat Blocks:**
- Core
- Proposed Extension of Existing Cores
- Noncontiguous Habitat Block



SOURCE: Bing Maps, 2016; RCTLMA MSHCP, 2016



FIGURE 5.3-7A
MSHCP Cores and Linkages - Overview

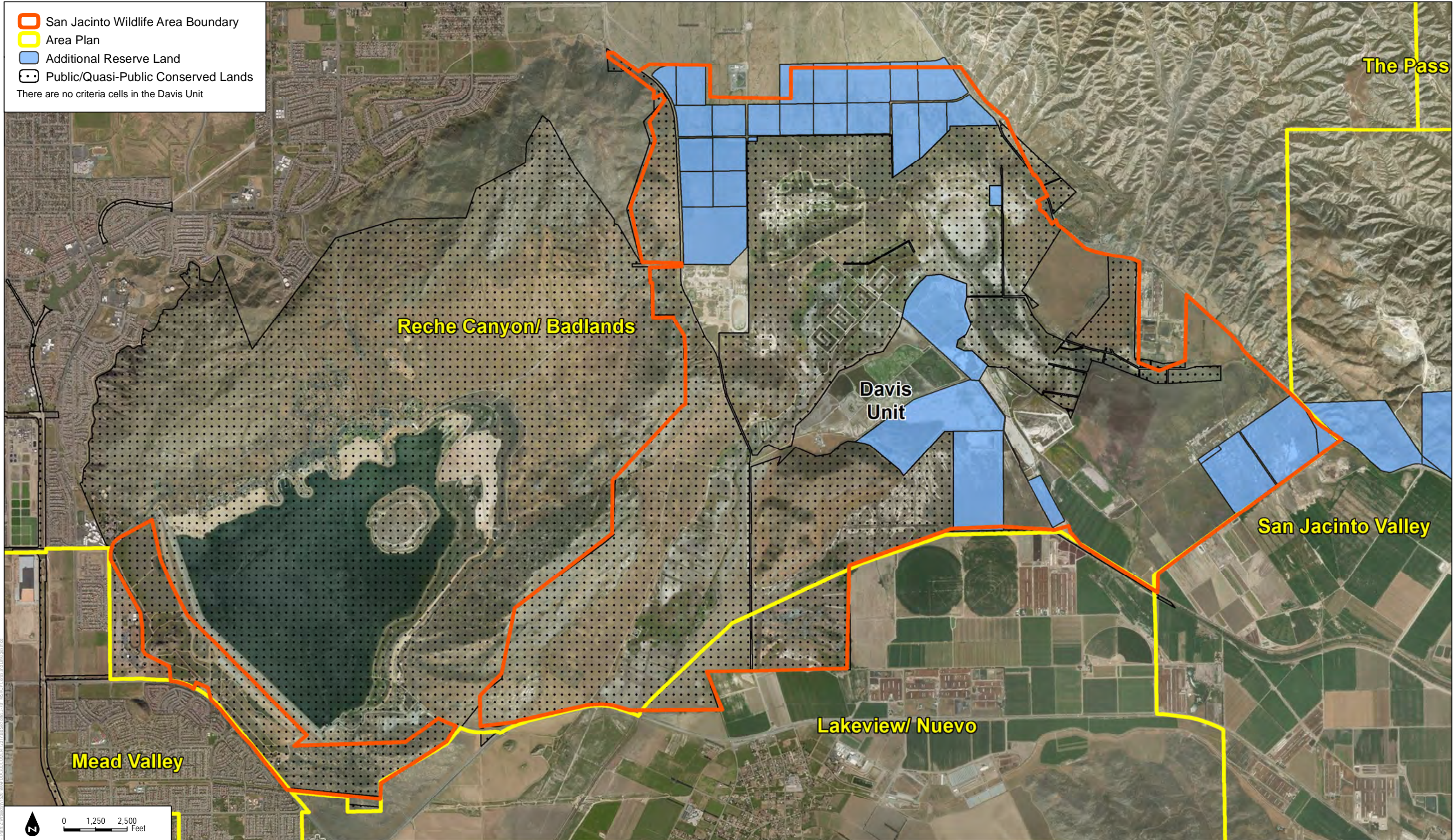
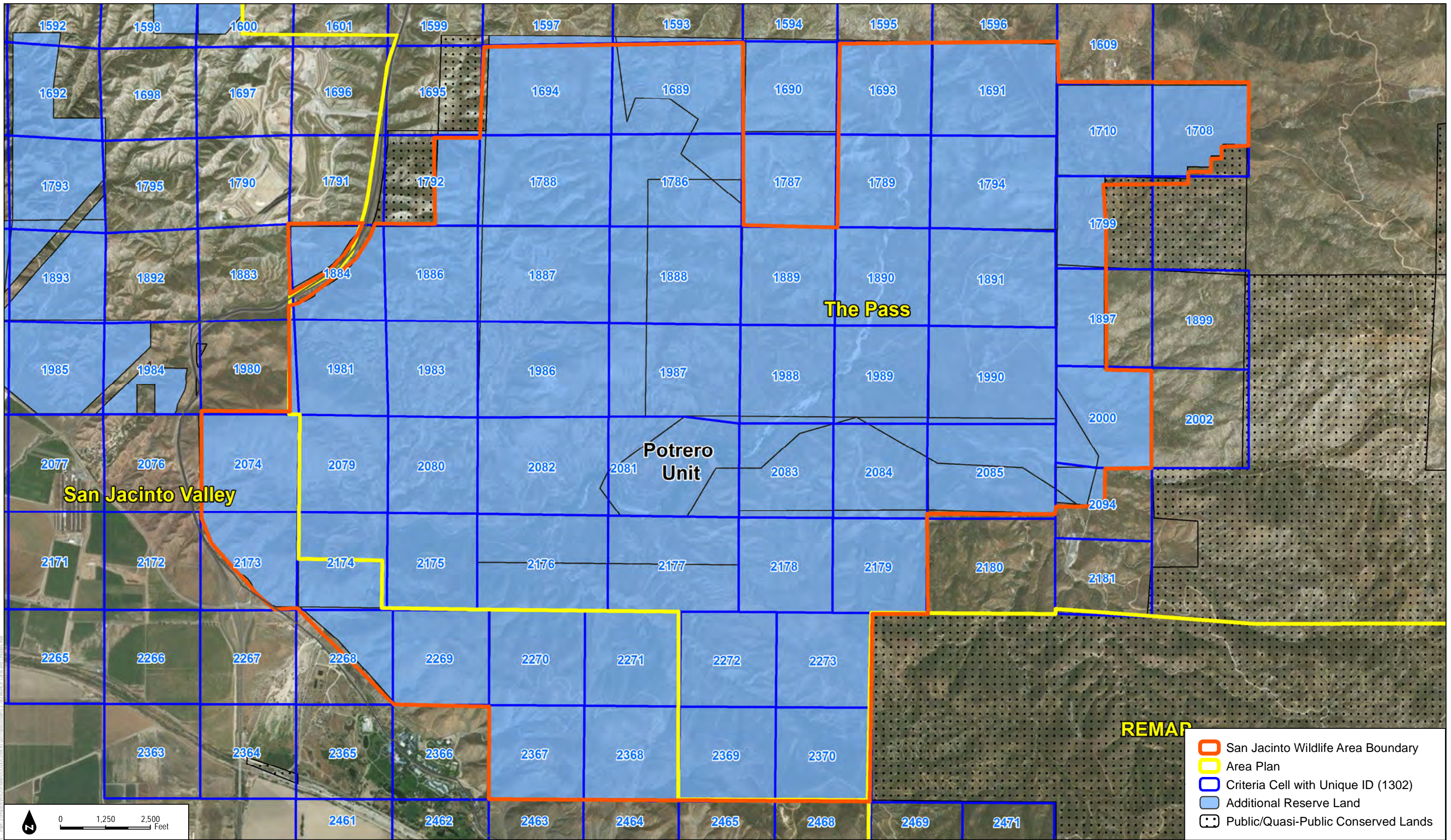


FIGURE 5.3-7B.1
MSHCP Context Map - Davis Unit

SOURCE: Bing Maps, 2016; RCTLMA MSHCP, 2016



- San Jacinto Wildlife Area Boundary
- Area Plan
- Criteria Cell with Unique ID (1302)
- Additional Reserve Land
- Public/Quasi-Public Conserved Lands

FIGURE 5.3-7B.2

MSHCP Context Map - Potrero Unit

SOURCE: Bing Maps, 2016; RCTLMA MSHCP, 2016



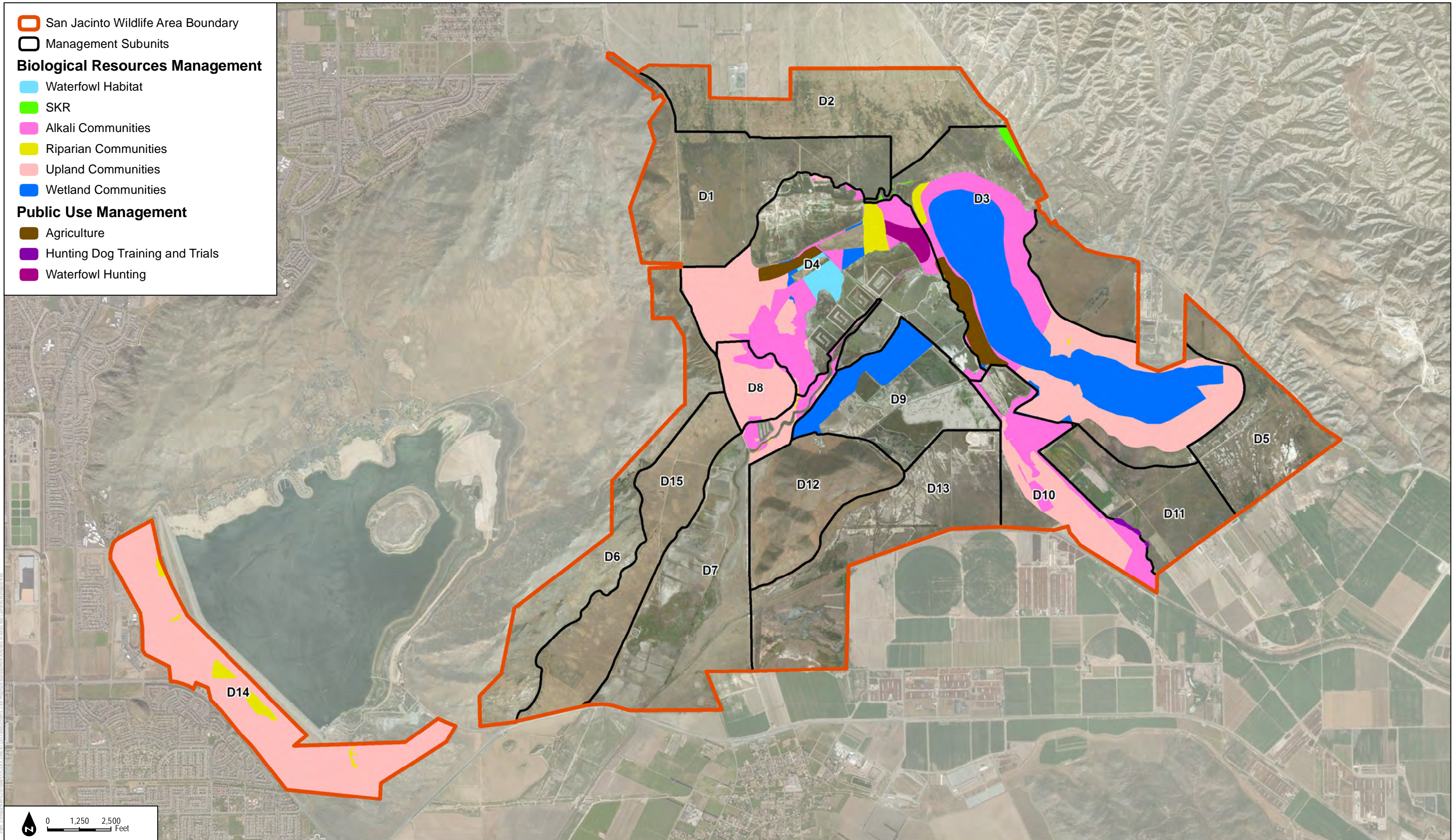
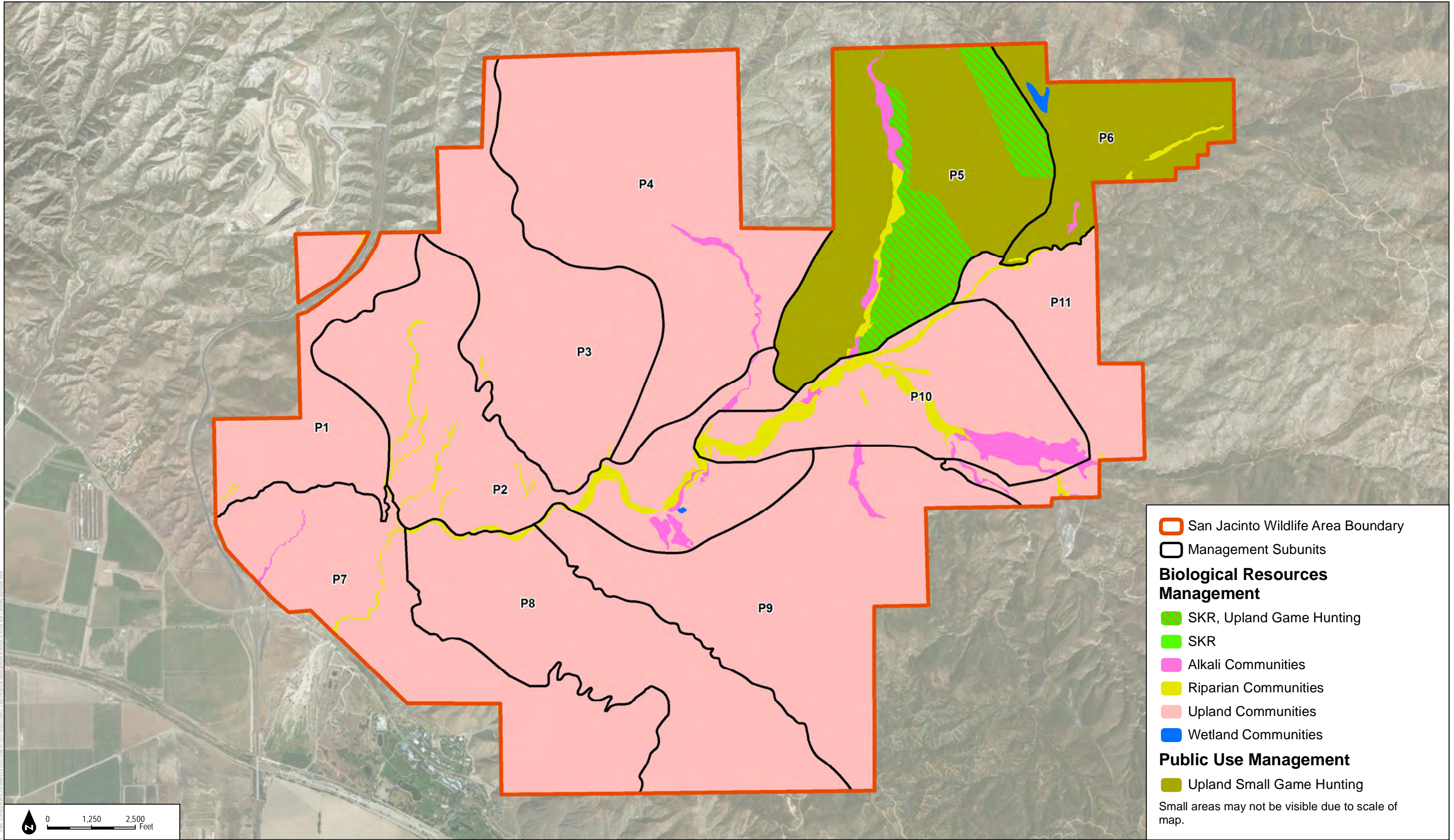


FIGURE 5.3-8A

Proposed Management Activities in Areas Not Currently Managed - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016





San Jacinto Wildlife Area Boundary
 Management Subunits
Biological Resources Management
 SKR, Upland Game Hunting
 SKR
 Alkali Communities
 Riparian Communities
 Upland Communities
 Wetland Communities
Public Use Management
 Upland Small Game Hunting
 Small areas may not be visible due to scale of map.

FIGURE 5.3-8B

Proposed Management Activities in Areas Not Currently Managed - Potrero Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



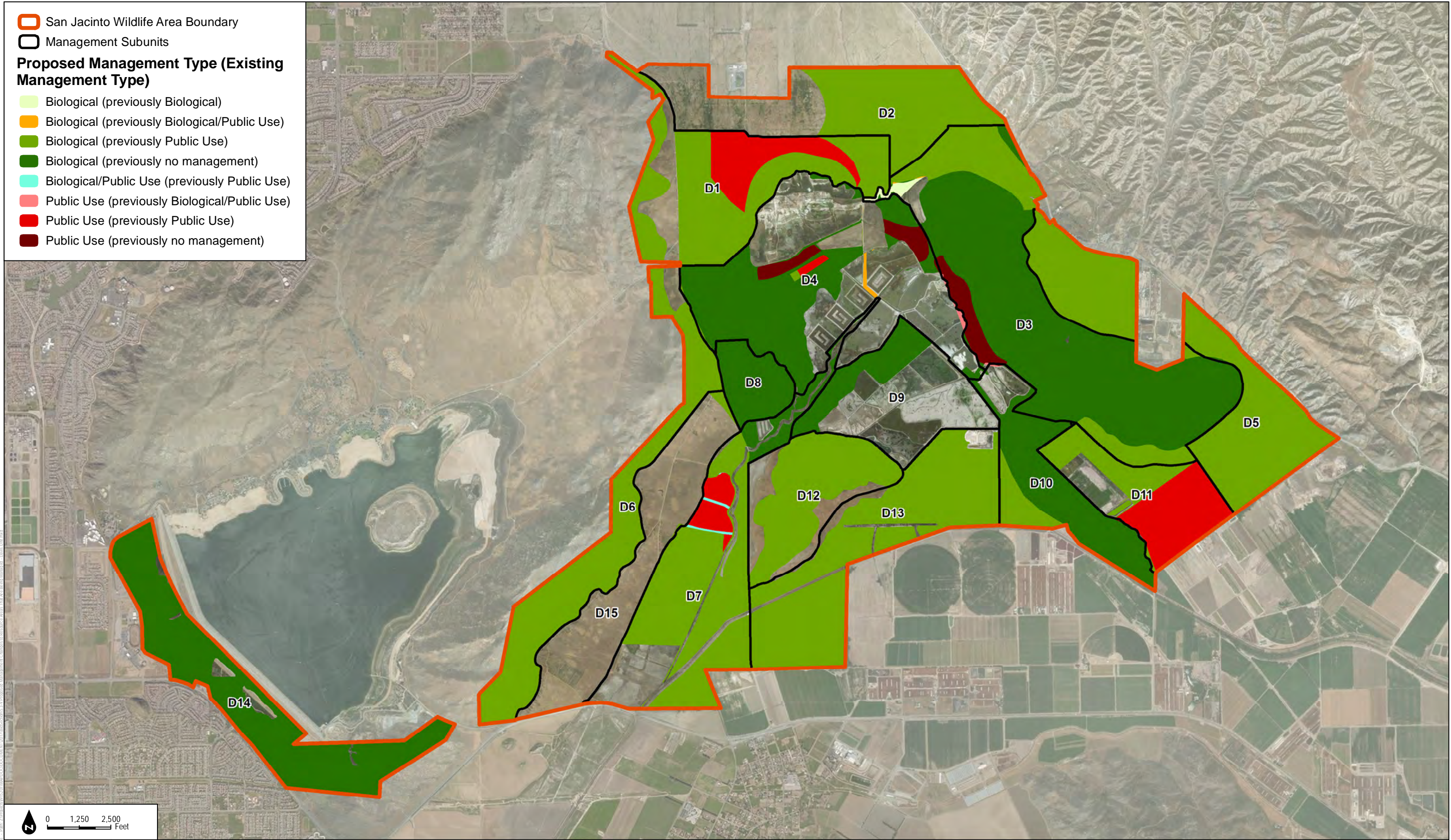


FIGURE 5.3-9

Proposed Changes to Existing Managed Resource Areas - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016

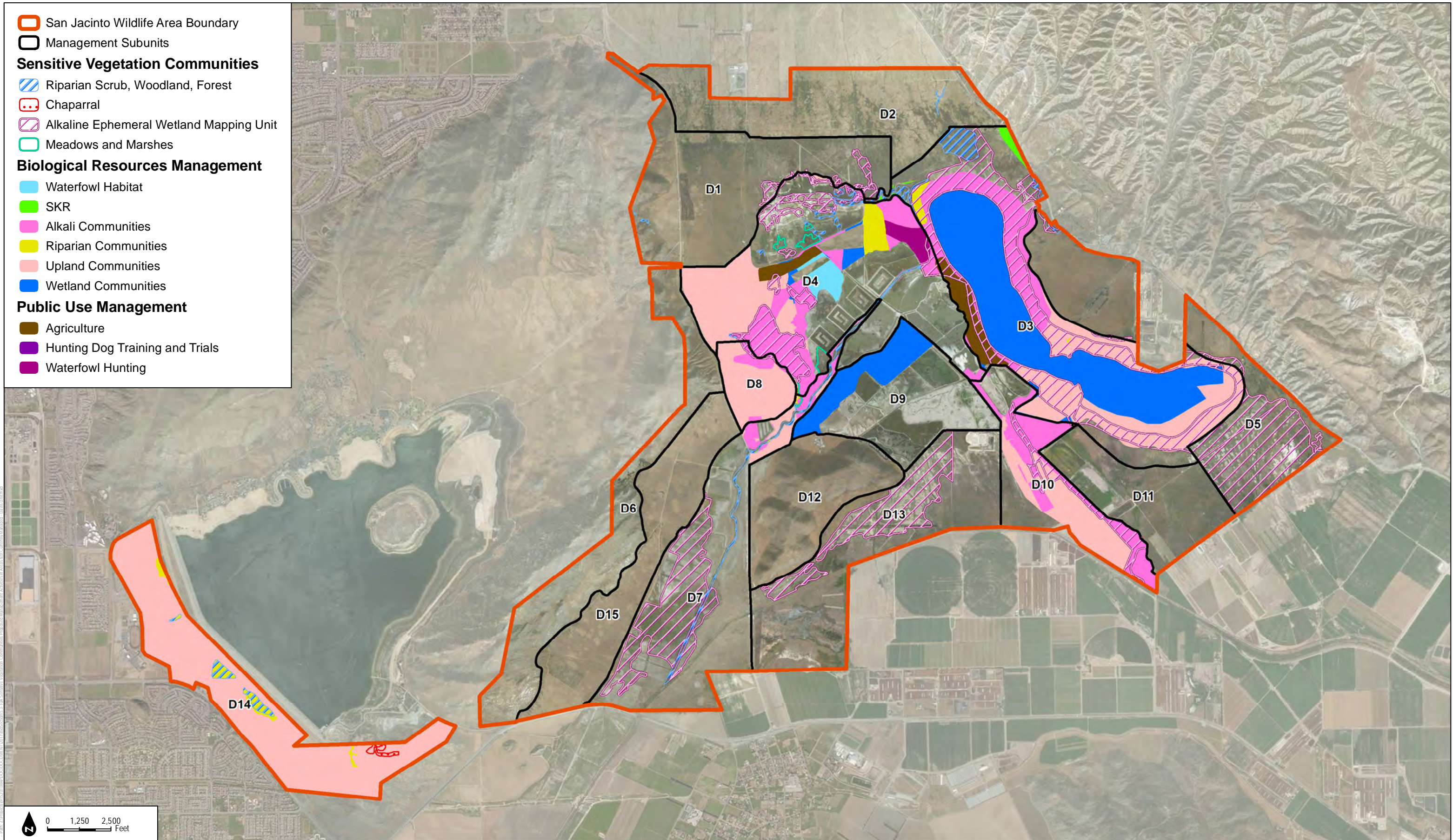


FIGURE 5.3-10A

Sensitive Vegetation Communities and Proposed Management Activities in Areas Not Currently Managed - Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016

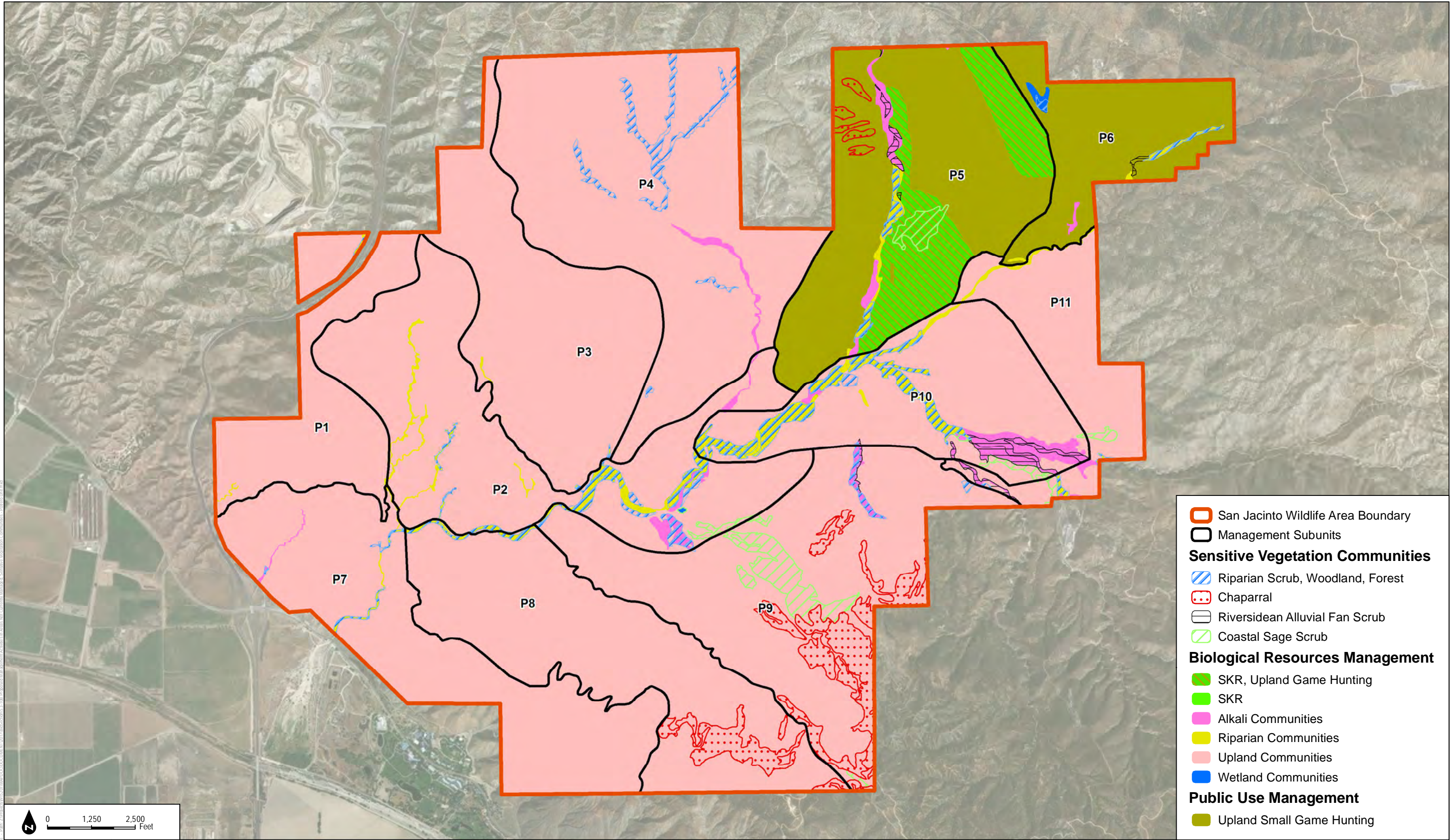


FIGURE 5.3-10B

Sensitive Vegetation Communities and Proposed Management Activities in Areas Not Currently Managed - Potrero Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016

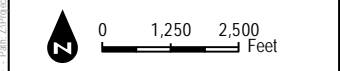
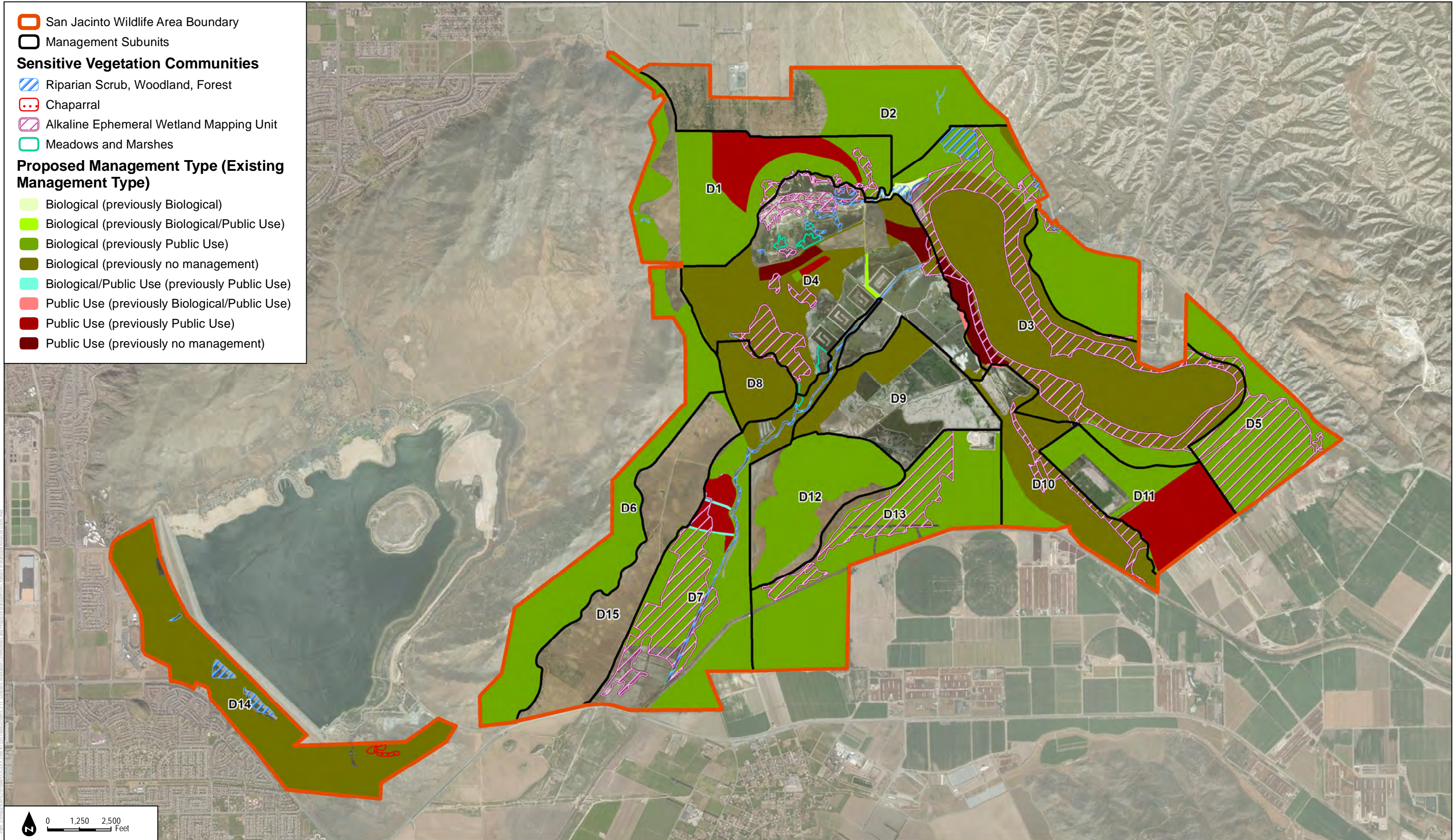
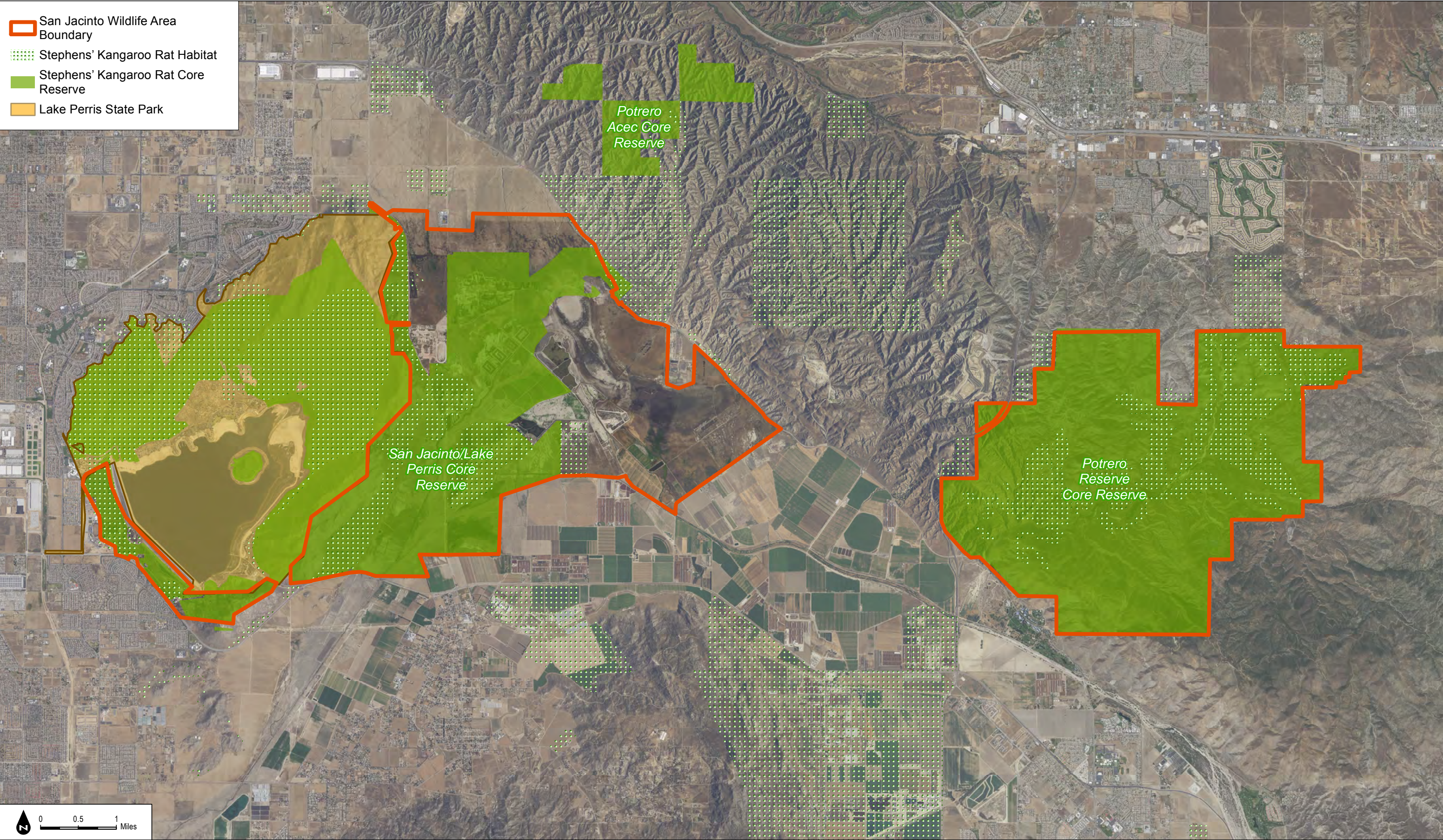


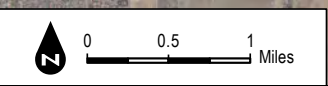
FIGURE 5.3-11

Sensitive Vegetation Communities and Proposed Management Changes in Managed Areas on Davis Unit

SOURCE: Bing Maps, 2016; CDFW, 2016; USFWS, 2016



- San Jacinto Wildlife Area Boundary
- Stephens' Kangaroo Rat Habitat
- Stephens' Kangaroo Rat Core Reserve
- Lake Perris State Park



SOURCE: USDA 2016; MSHCP, 2012

DUDEK

FIGURE 5.3-12
Stephens' Kangaroo Rat Habitat Conservation Plan