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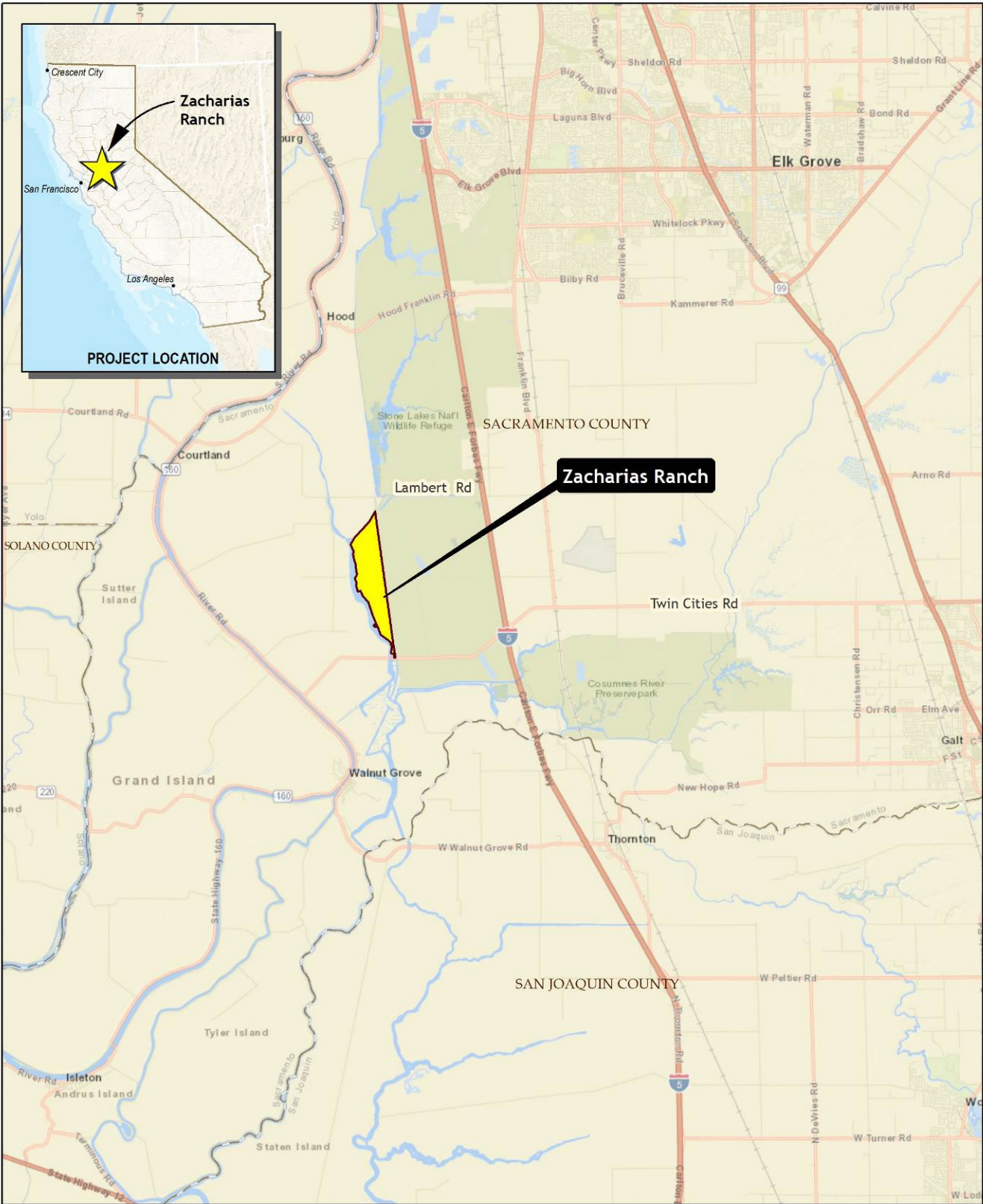
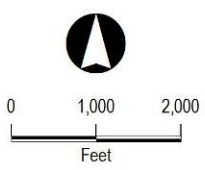
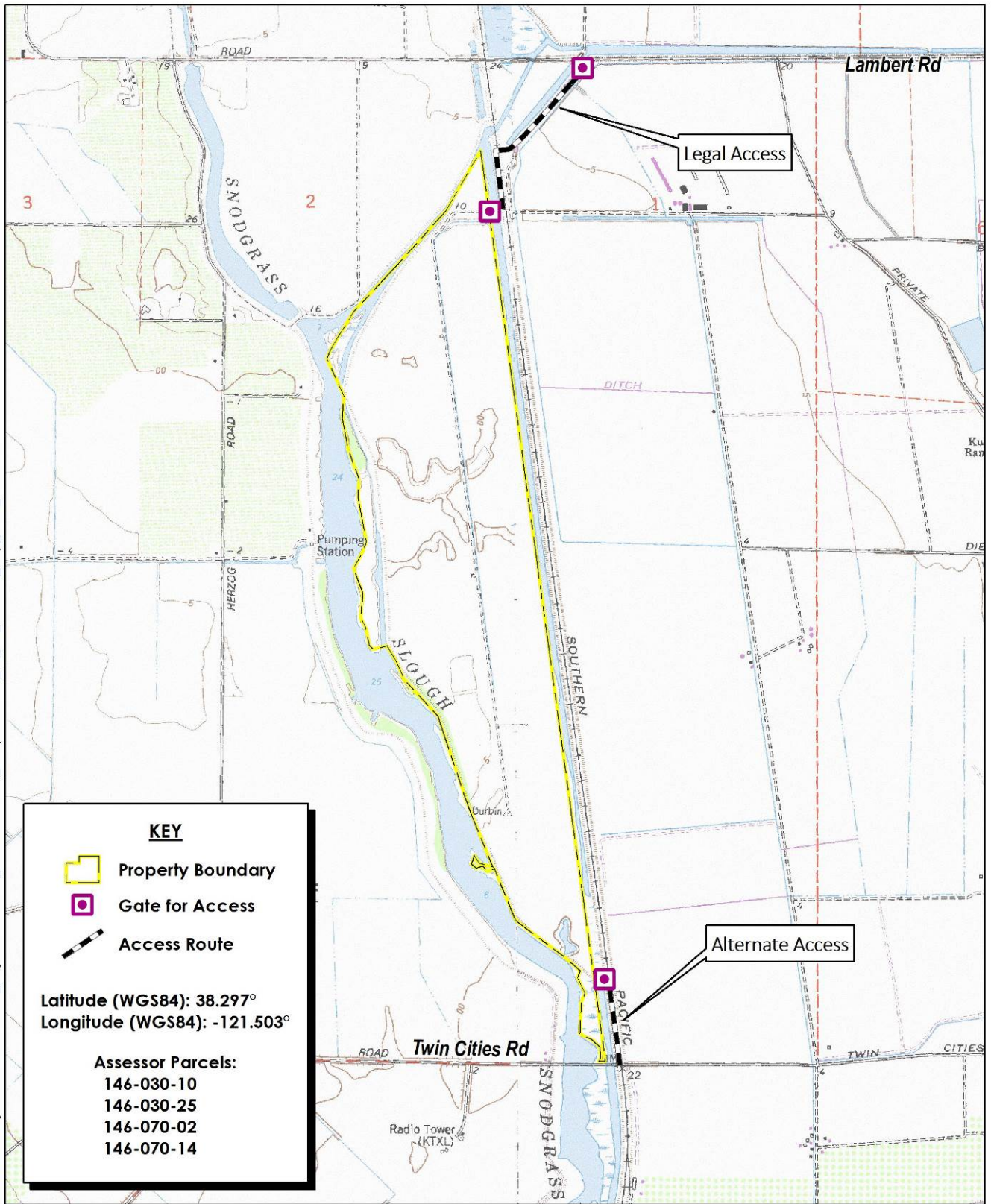


FIGURE 1
Vicinity Map

G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\12110_Prospectus\FIG_02_ZR_Location_Map_2021_1203.mxd



USGS 7.5' Quadrangles:
COURTLAND (1993)
and BRUCEVILLE (1980)

FIGURE 2
Location Map and
USGS Topography

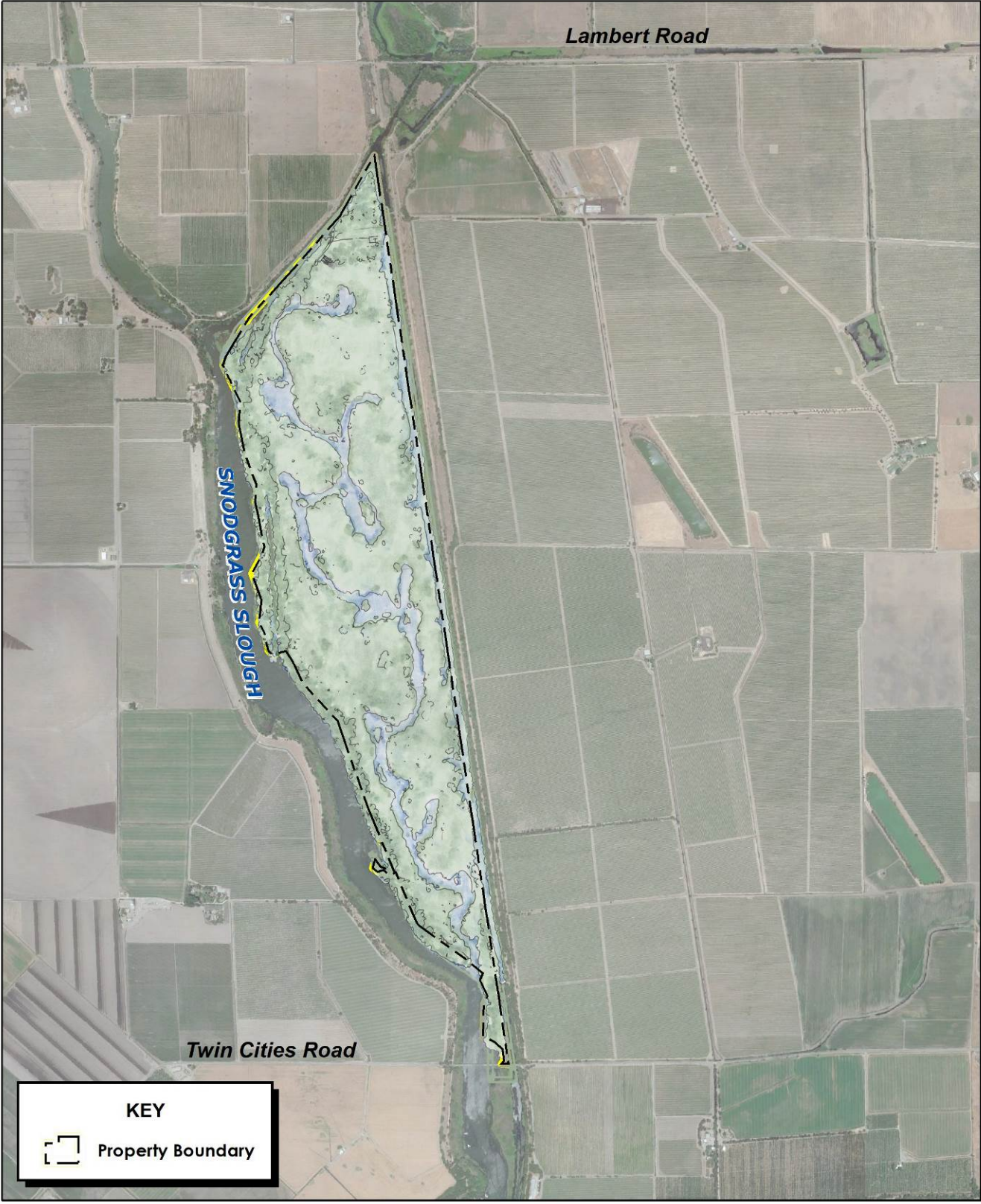
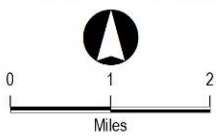
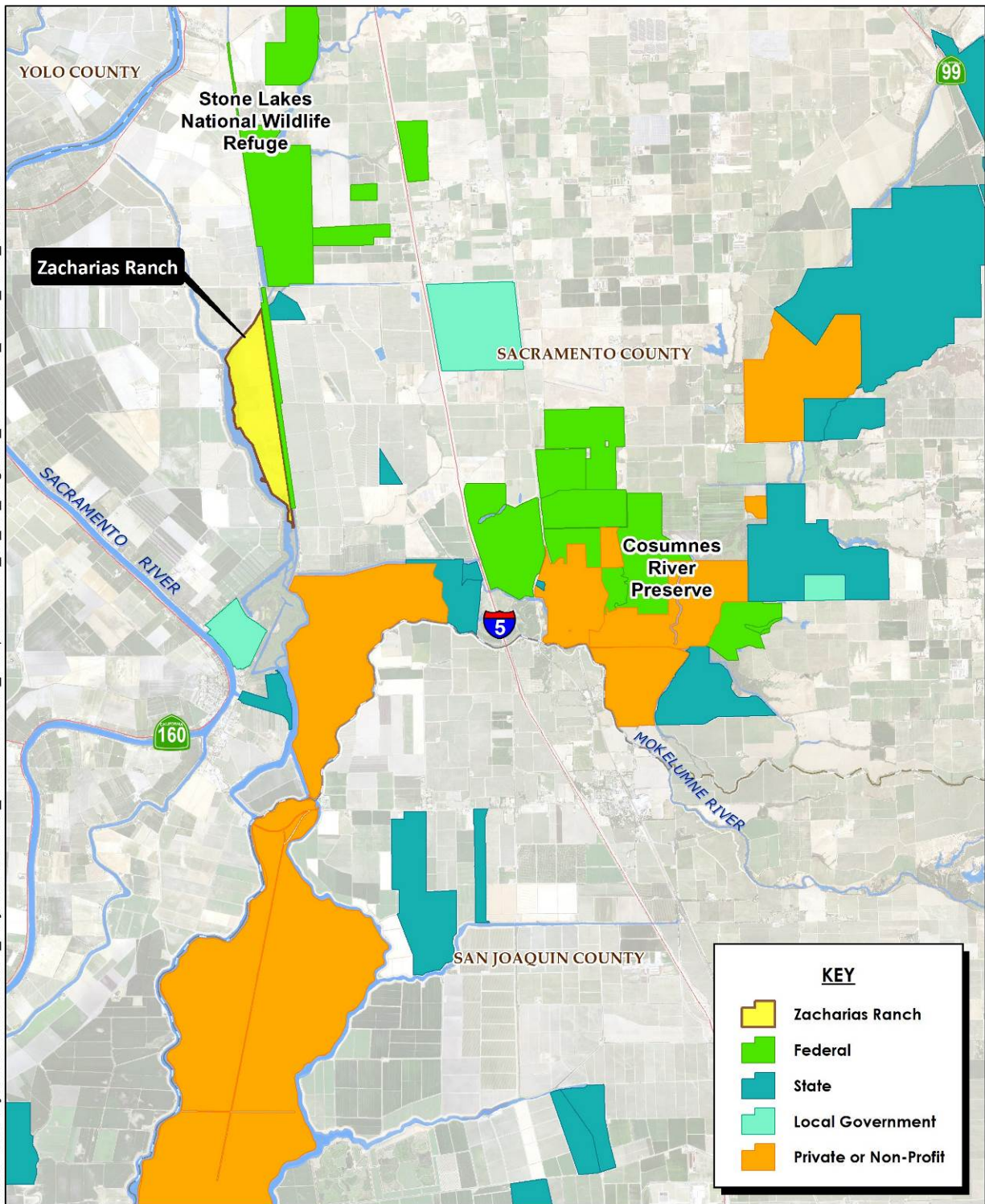


FIGURE 3
Conceptual Design

G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_05_ZR_Regional_Conserved_Lands_2021_1203.mxd



Source:
California Protected Areas Database (CPAD).
Retrieved July 2021

FIGURE 5
Conserved Lands
in the Project Vicinity

G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_07_ZR_Historical_USGS_Quads_2021_1203.mxd

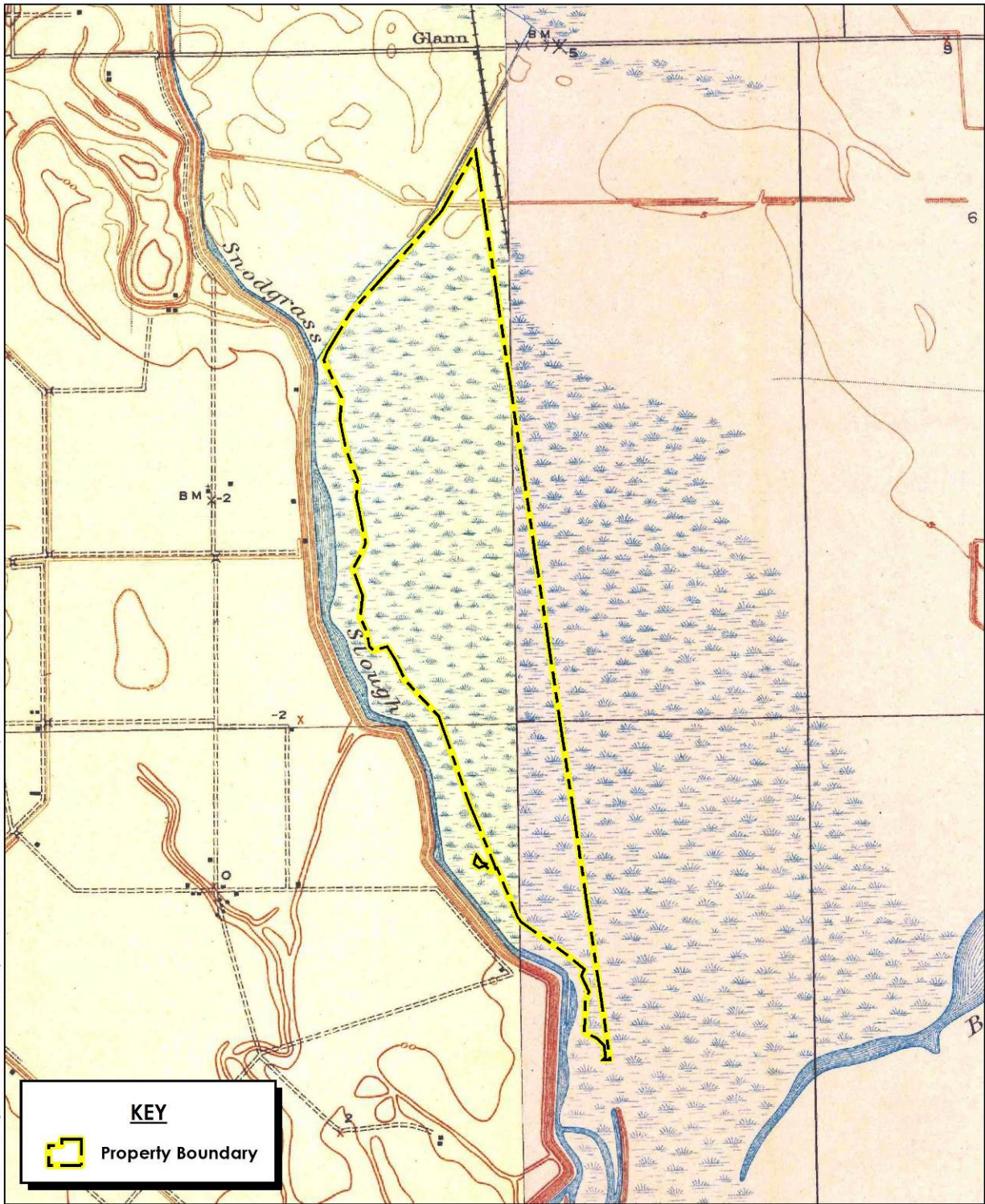


FIGURE 7
Historic USGS
Topographic Map

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_08_ZR_CNDDDB_Occurrences_2021_1203.mxd

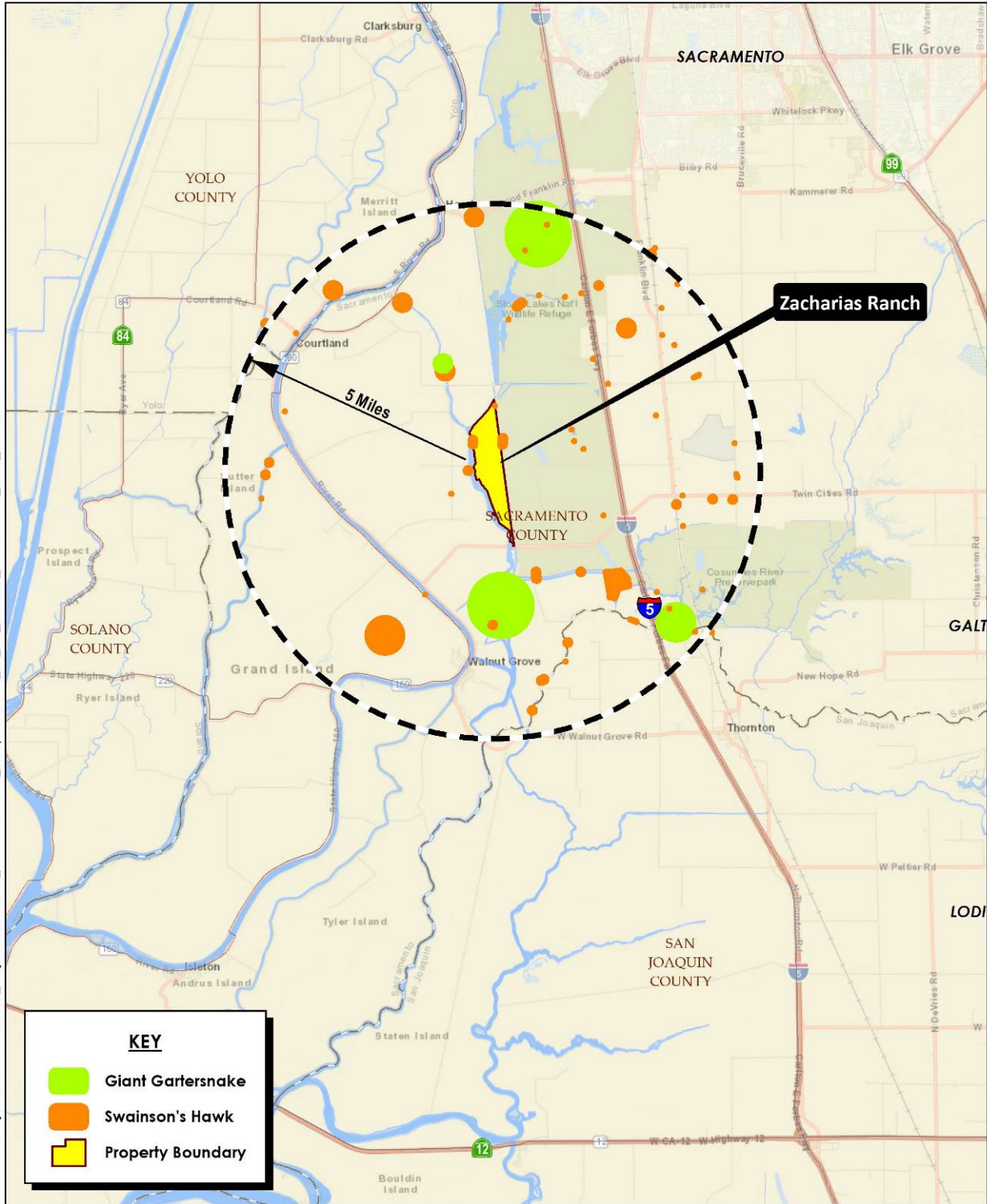


FIGURE 8
CNDDDB Occurrences

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_09_ZR_Salmonids_Critical_Habitat_2021_1203.mxd

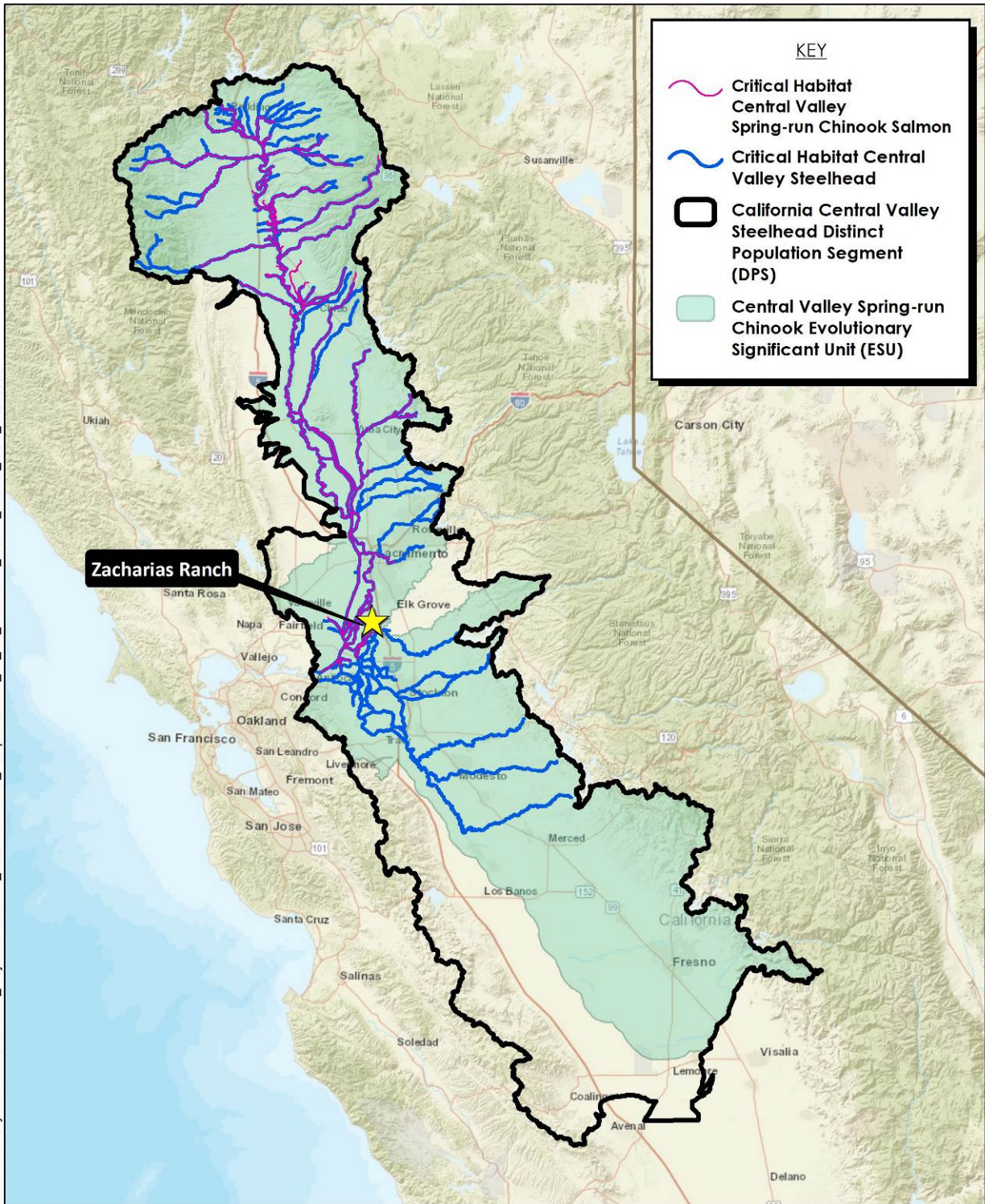
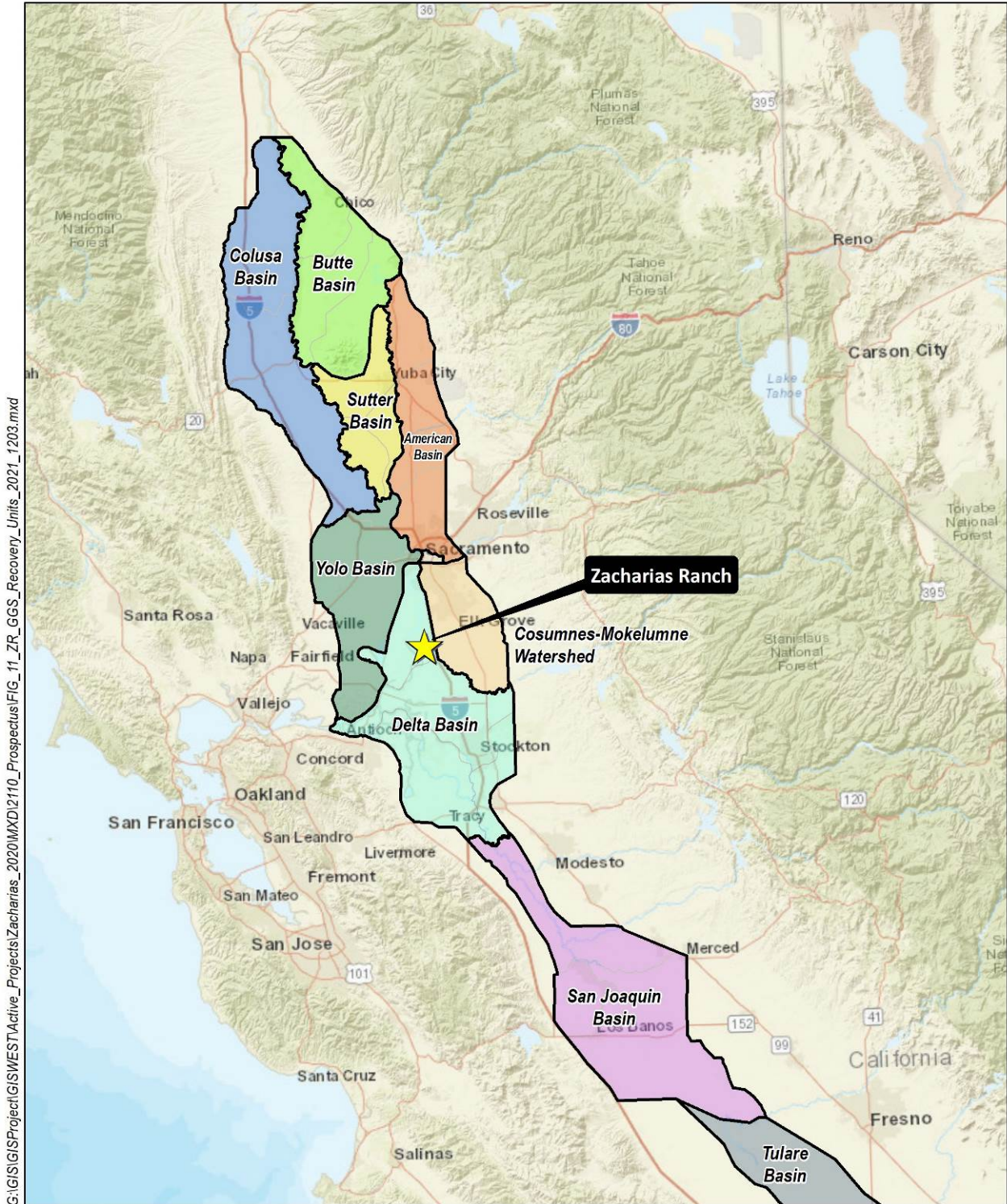
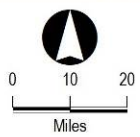


FIGURE 9
Salmonids Critical Habitat



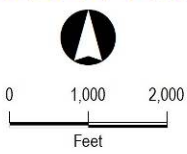
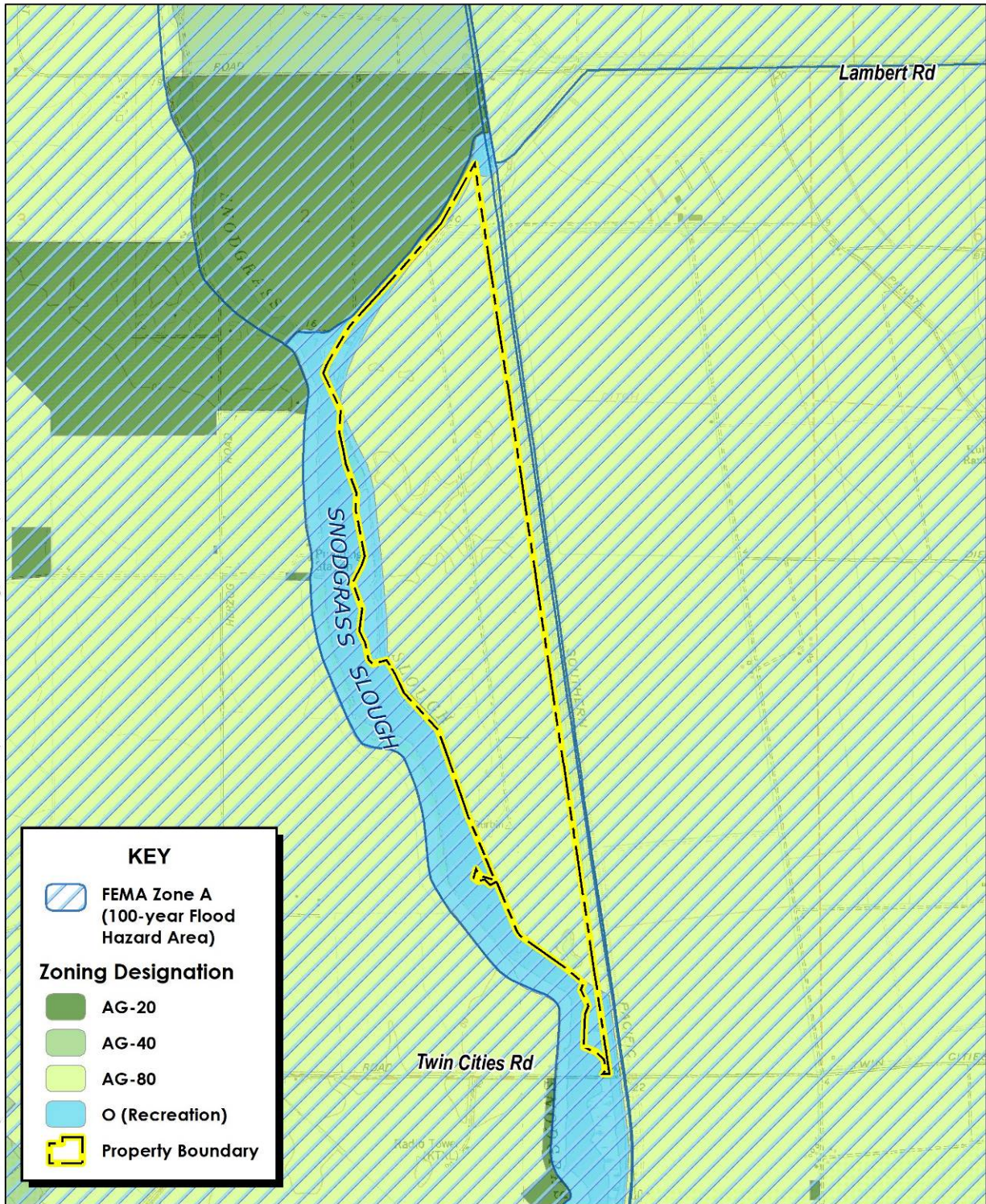
G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_11_ZR_GGS_Recovery_Units_2021_1203.mxd



Source:
USFWS, Recovery Plan for the Giant Garter Snake, 2017.
Retrieved November 2021.

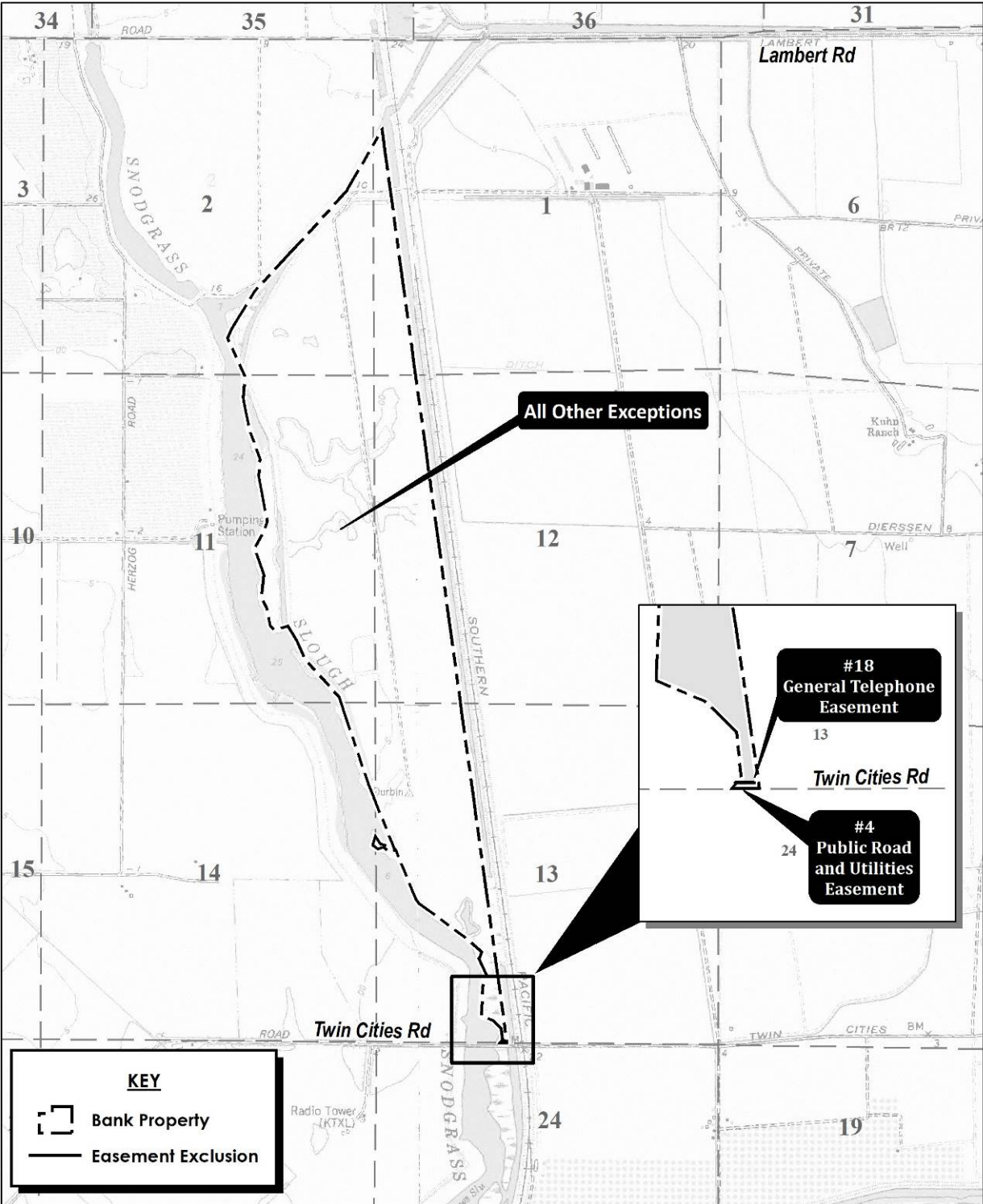
FIGURE 11
Giant Garter Snake
Recovery Units

G:\GIS\GISProject\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_12_ZR_Zoning_and_Floodplain_2021_1203.mxd



Sources:
FEMA National Flood Hazard Layer (NFHL).
Retrieved November 2021
County of Sacramento, Planning Dept
Retrieved November 2021

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_13_ZR_Property_Encumbrances_2021_1203.mxd



KEY

- Bank Property
- Easement Exclusion

#18
General Telephone
Easement
13

Twin Cities Rd

#4
Public Road and Utilities
Easement
24

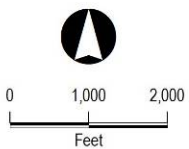


FIGURE 13
Property Encumbrances

M. Lozano: G:\GIS\GISProject\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_14_ZR_Current_Aerial_Photo_June2021_2021_1203.mxd

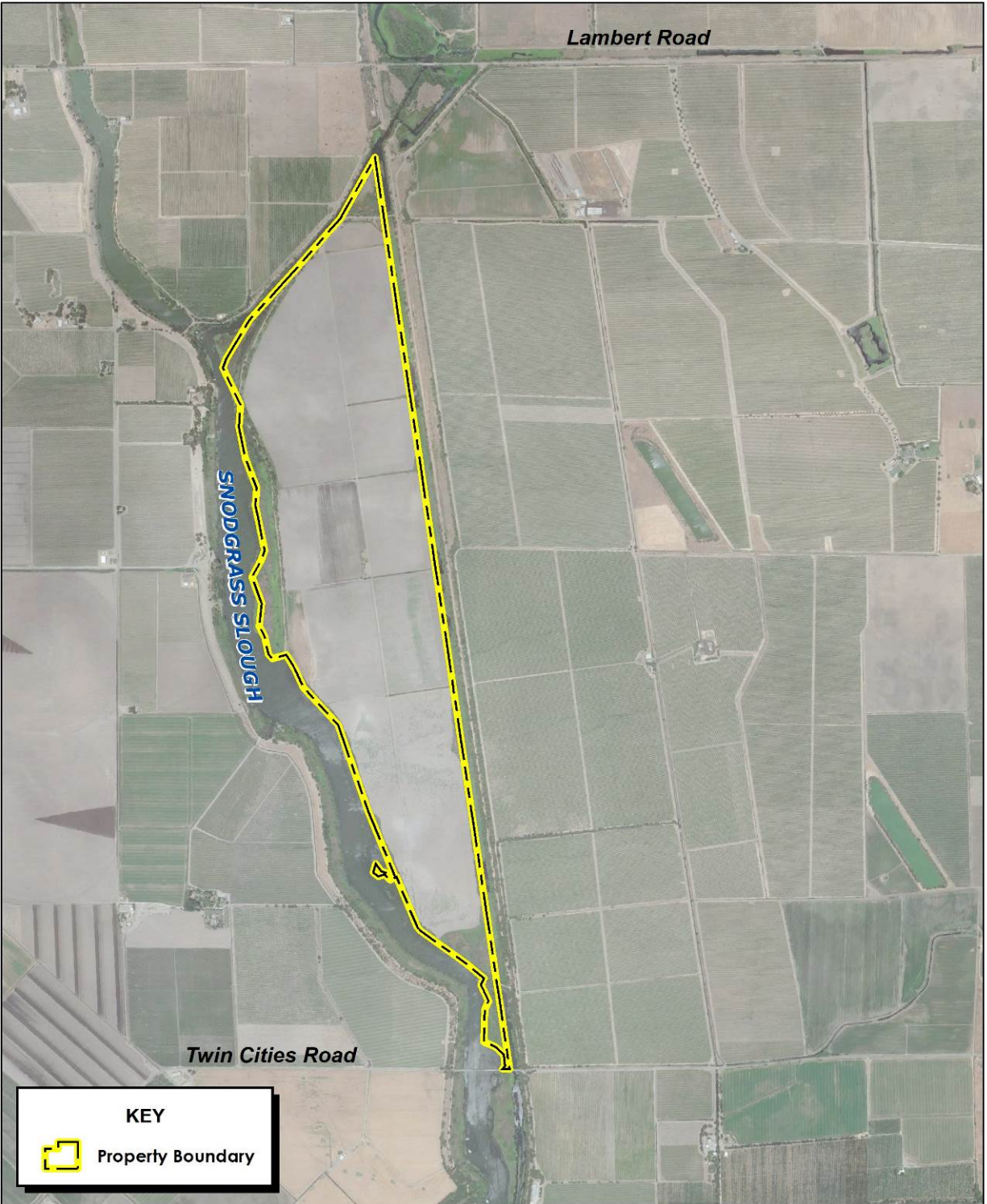


FIGURE 14
Current Aerial Photo
June 2021

Source:
Google Earth Imagery
June 2021

G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_16_ZR_Historical_Aerial_Photo_1937_2021_1203.mxd

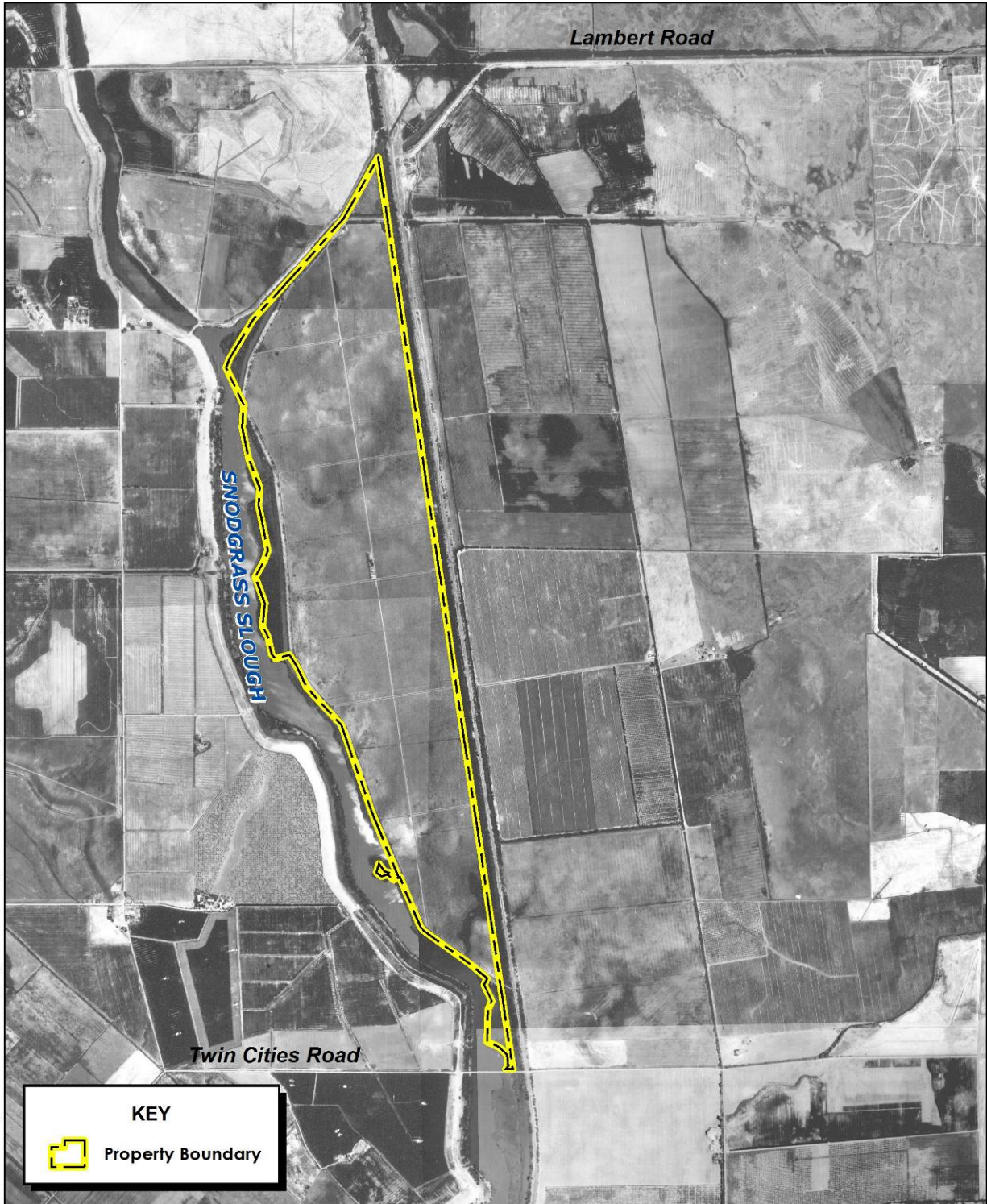


FIGURE 16
Historic Aerial Photo
1937

Source:
USDA Agriculture Adjustment Administration, 1937.

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_17_ZR_PhotoKey_2021_1203.mxd

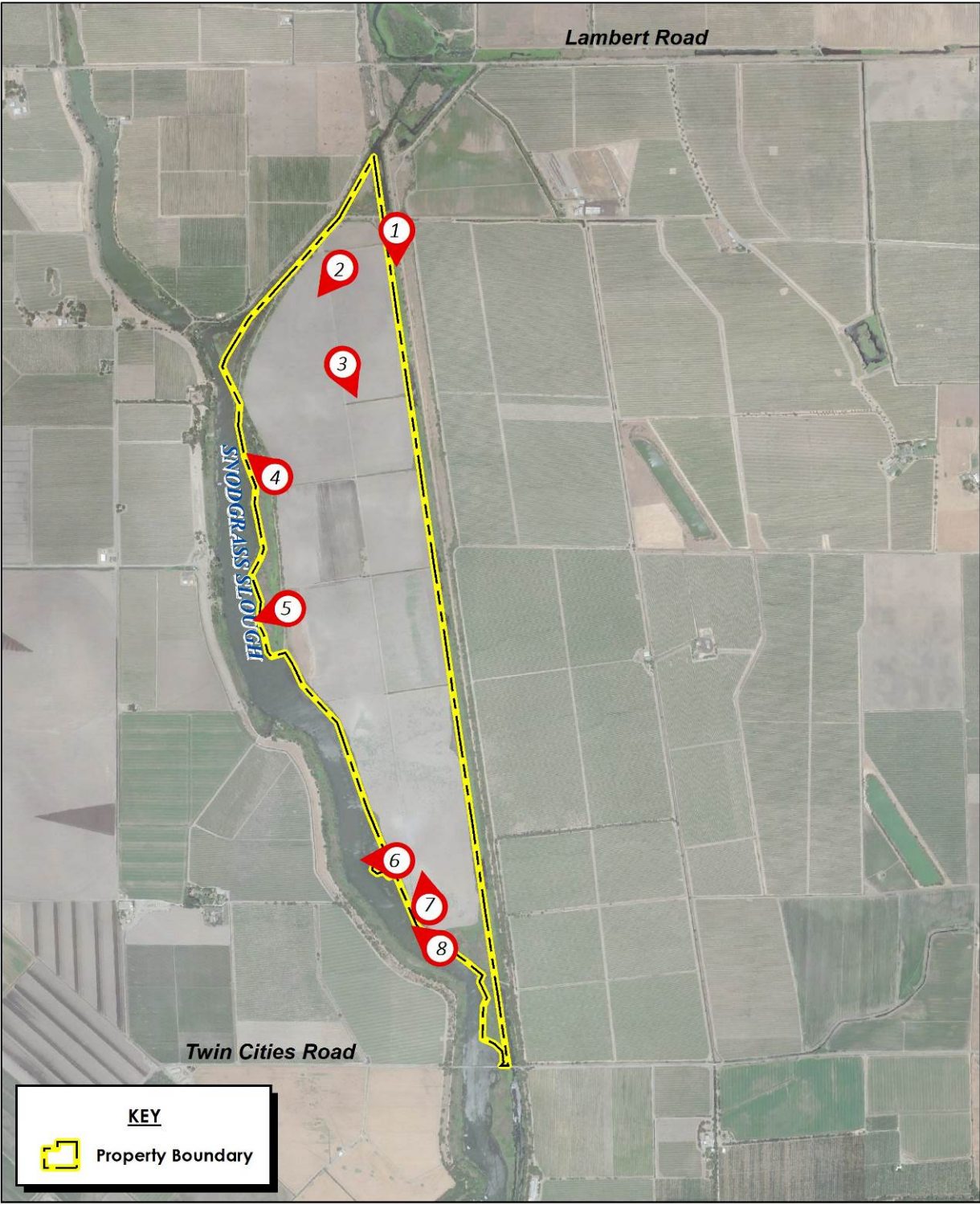


FIGURE 17
Photo Key

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_18_ZR_Wetlands_2021_1203.mxd

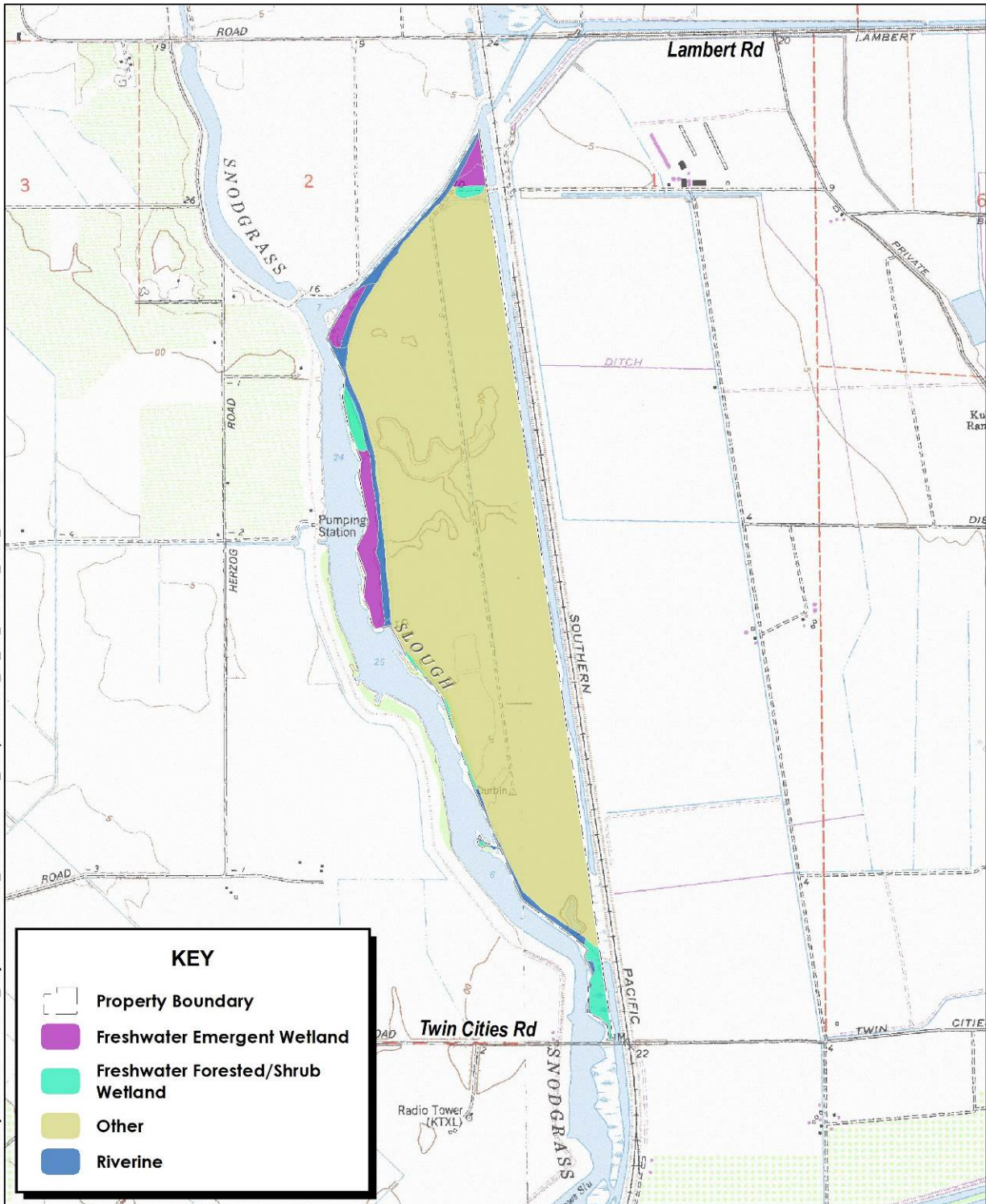
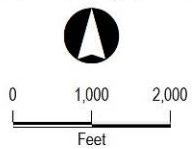
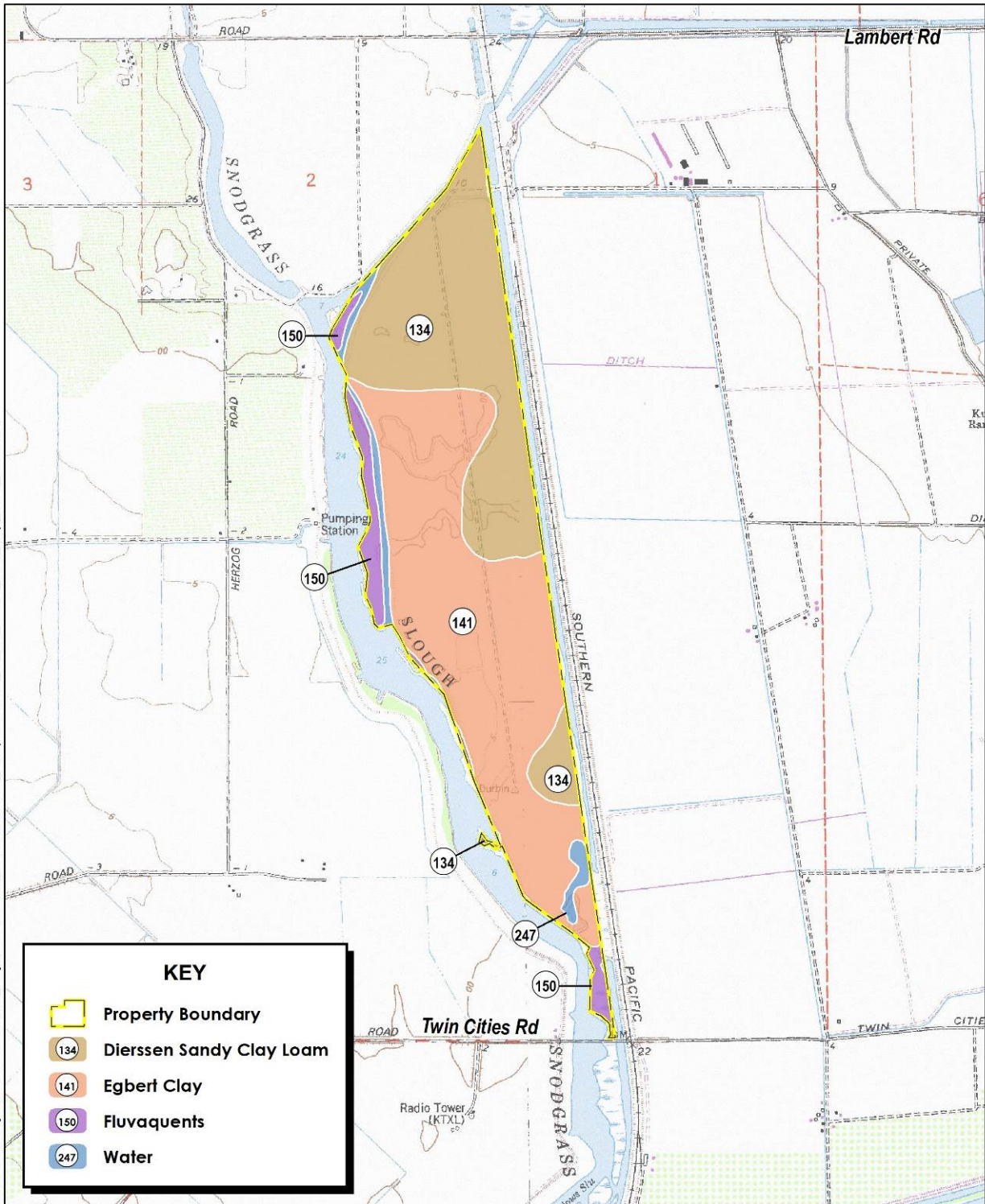


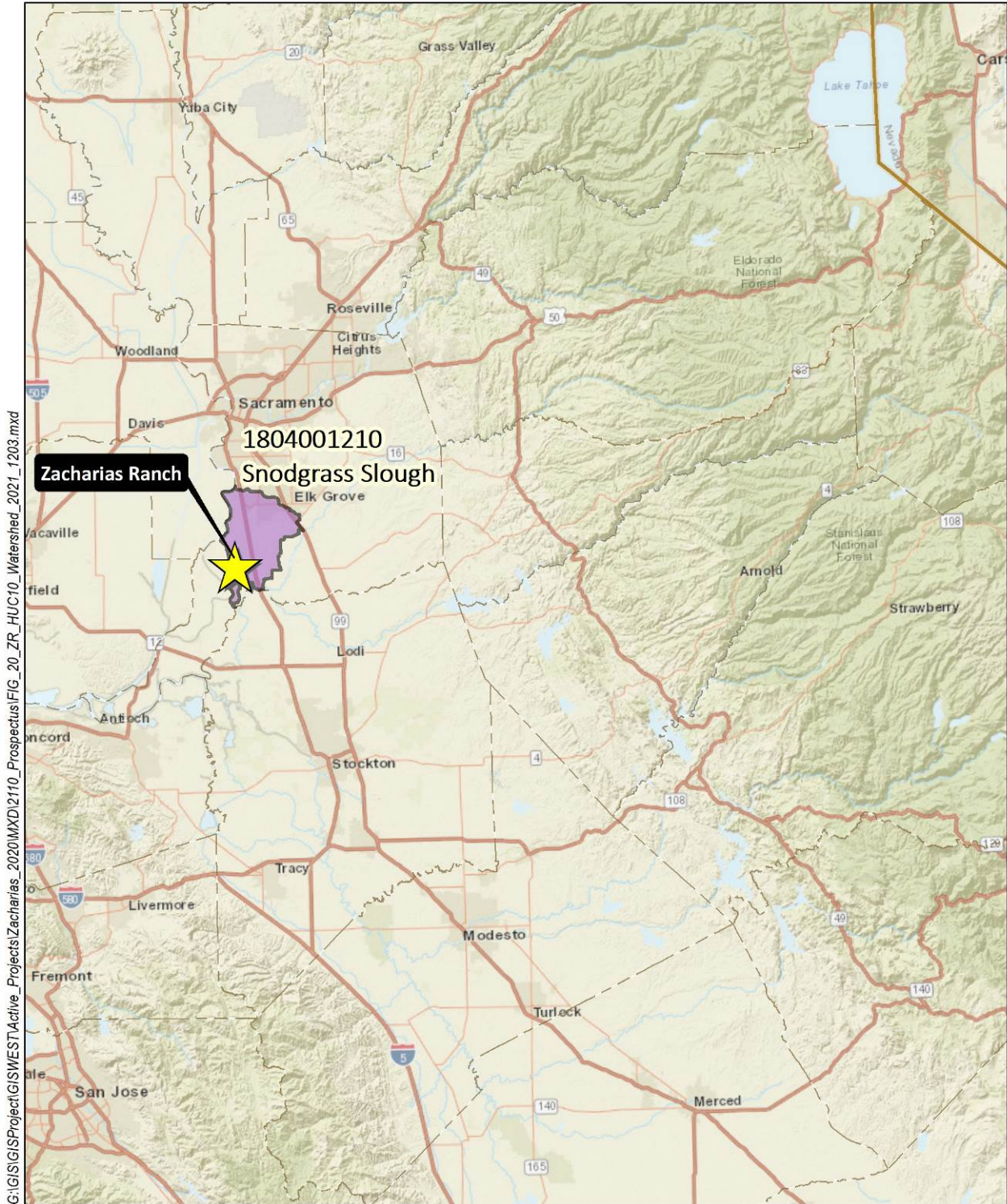
FIGURE 18
Wetlands
and USGS Topography

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_19_ZR_NRCS_Soils_Map_2021_1203.mxd

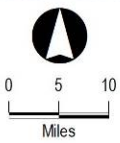


Source:
NRCS. Retrieved November 2021.

FIGURE 19
NRCS Soils Map
and USGS Topography

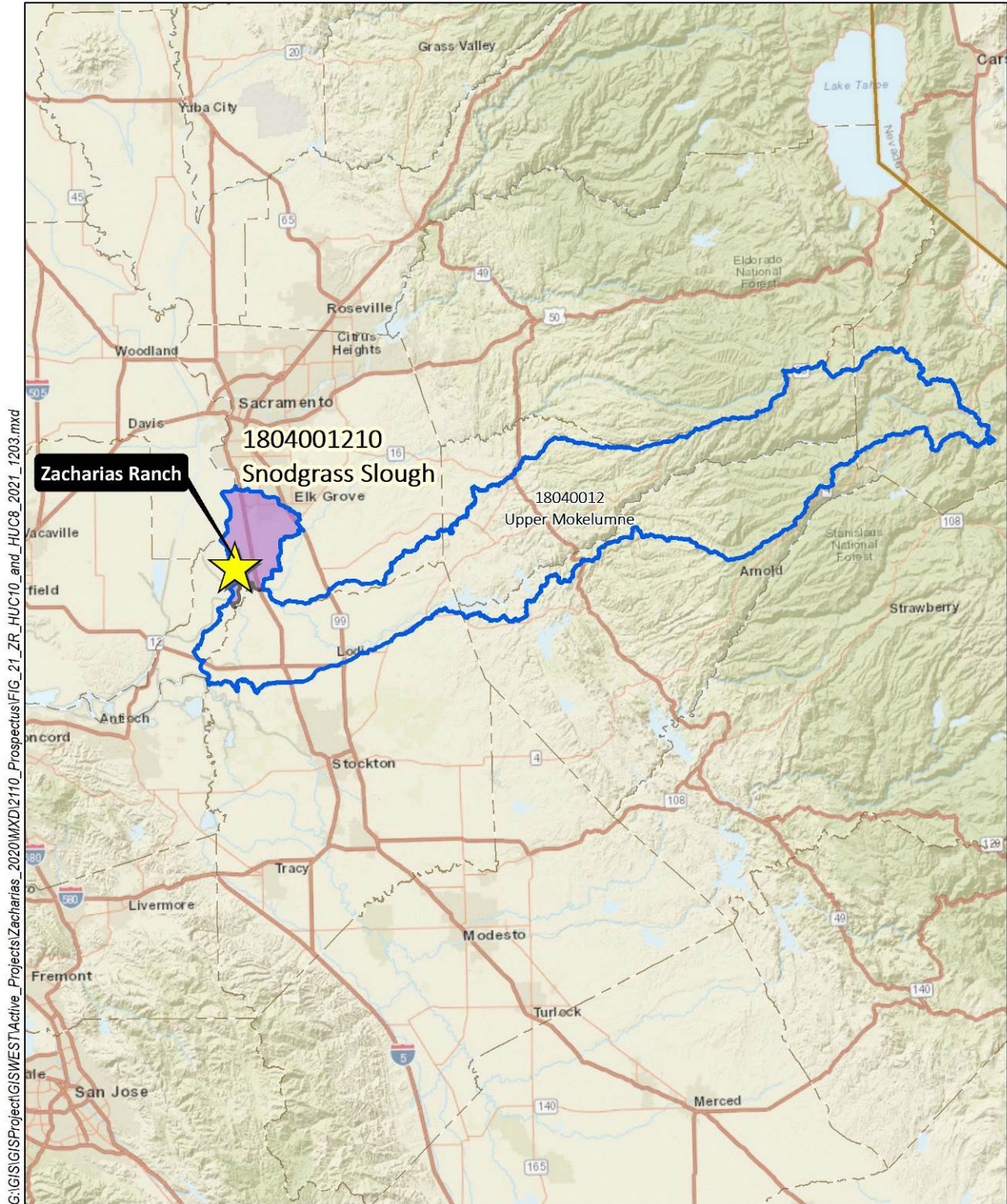


G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_20_ZR_HUC10_Watershed_2021_1203.mxd



Source:
NRCS, Watershed Boundary Dataset for California.
Retrieved November 2021.

FIGURE 20
10-digit Hydrologic Unit



G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\12110_Prospectus\FIG_21_ZR_HUC10_and_HUC8_2021_1203.mxd

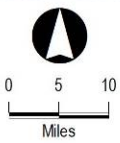
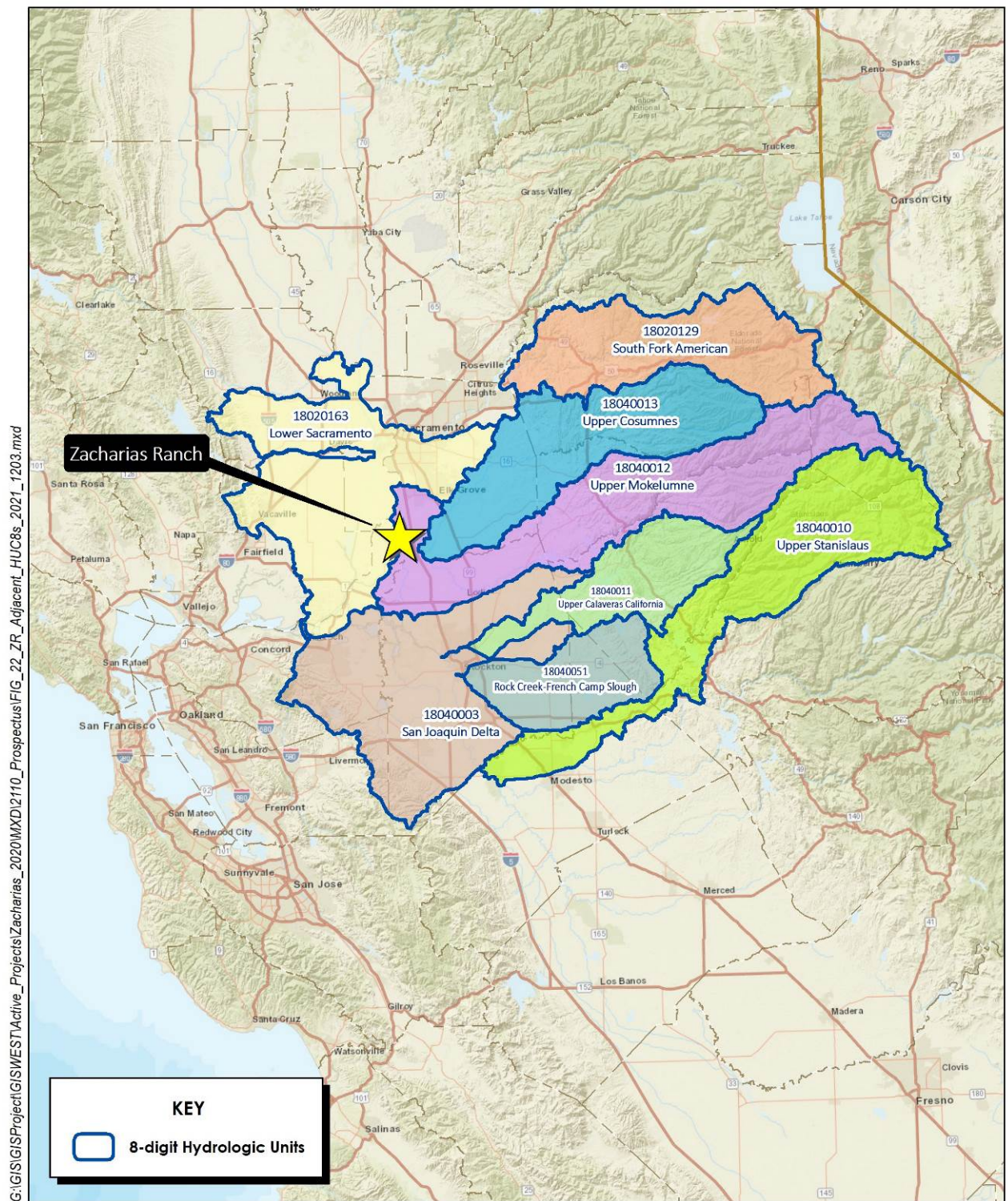


FIGURE 21
8-digit and 10-digit
Hydrologic Units

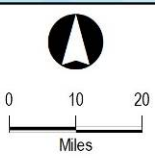


G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospetus\FIG_22_ZR_Adjacent_HUC8s_2021_1203.mxd

Zacharias Ranch

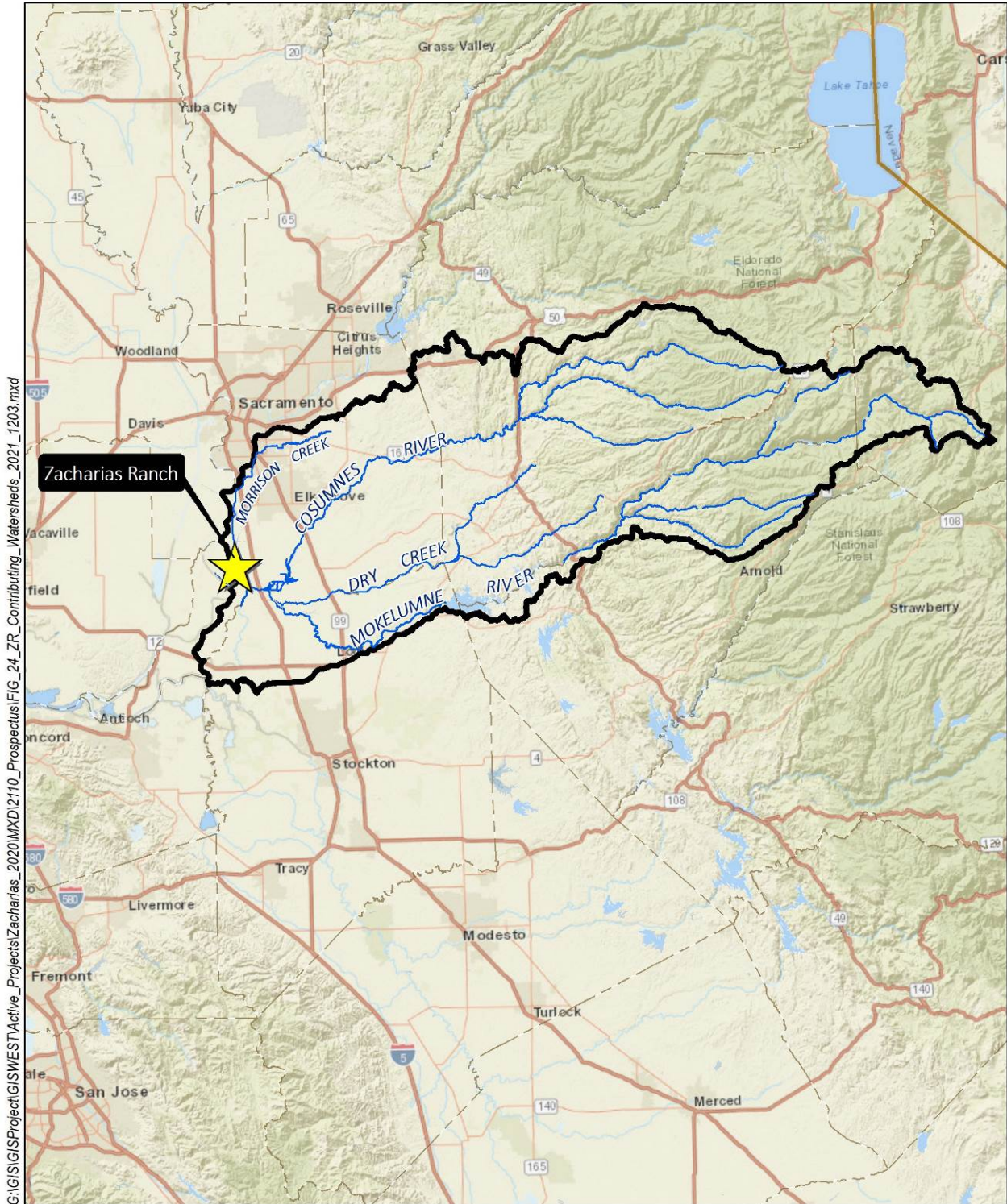
KEY

 8-digit Hydrologic Units

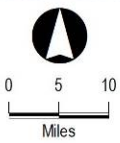


Source:
NRCS, Watershed Boundary Dataset for California,
Retrieved November 2021.

FIGURE 22
Adjacent 8-Digit
Hydrologic Units



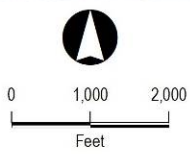
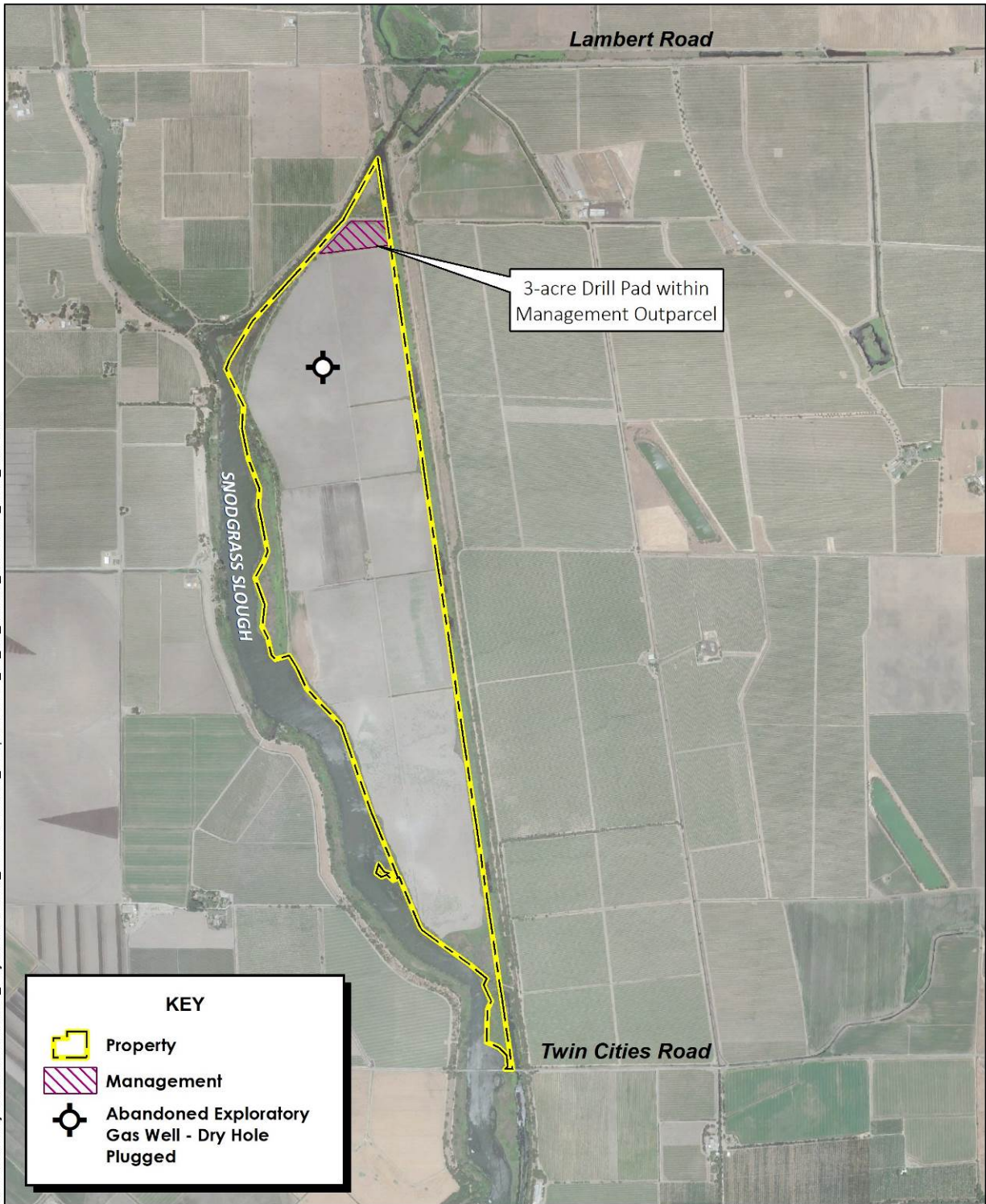
G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_24_ZR_Contributing_Watersheds_2021_1203.mxd



Source:
 NRCS, Watershed Boundary Dataset for California.
 Retrieved November 2021.

FIGURE 24
Contributing Watersheds

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_25_ZR_Mineral_Resources_2021_1203.mxd



Source:
CalGEM. Retrieved November 2021.

FIGURE 25
Mineral Resources

G:\GIS\Project\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_26_ZR_Service_Area_404Wetlands_2021_1203.mxd

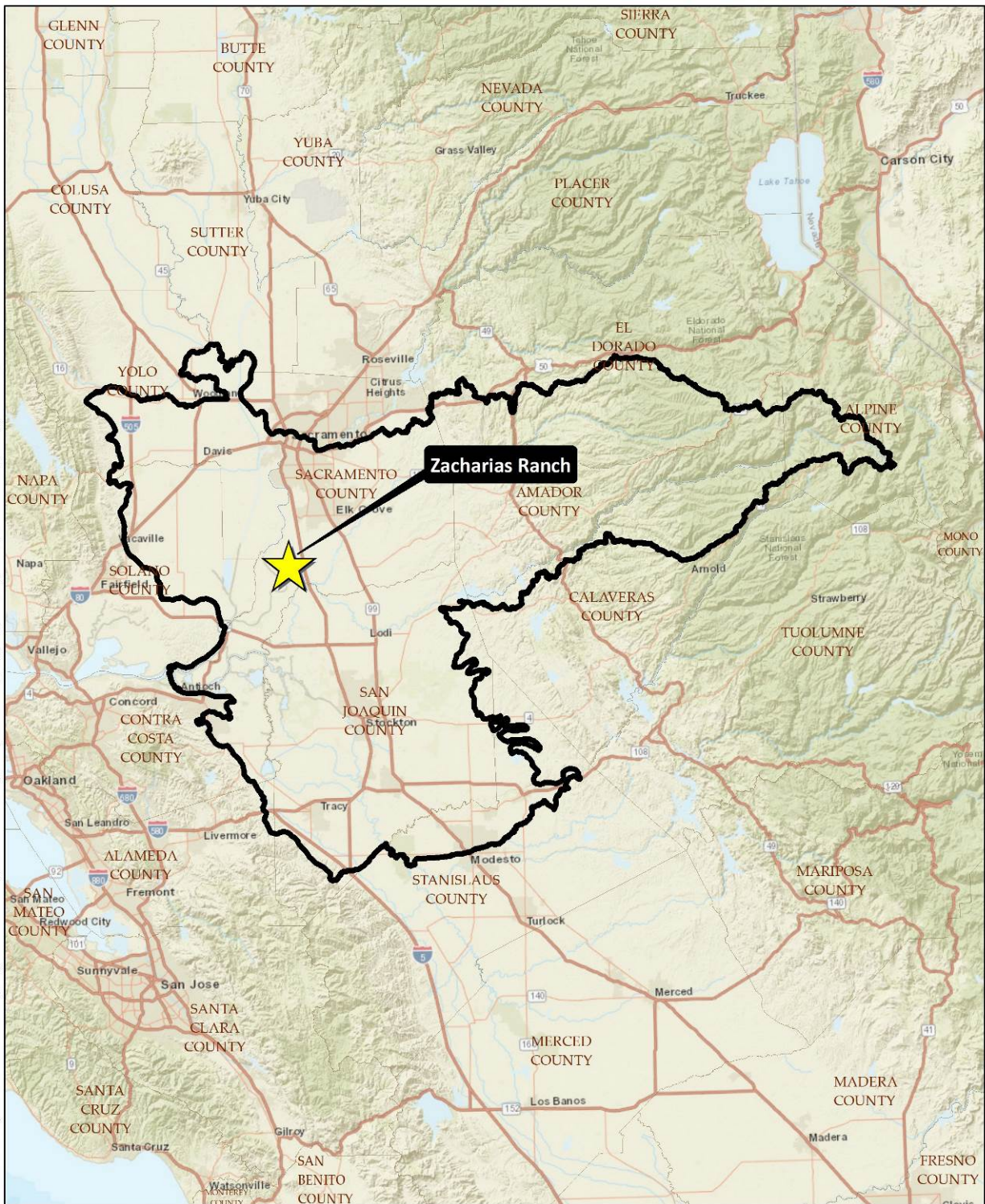


FIGURE 26
404 Wetlands Service Area

G:\GIS\GISProject\GIS\WEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_27_ZR_Service_Area_GGS_2021_1203.mxd

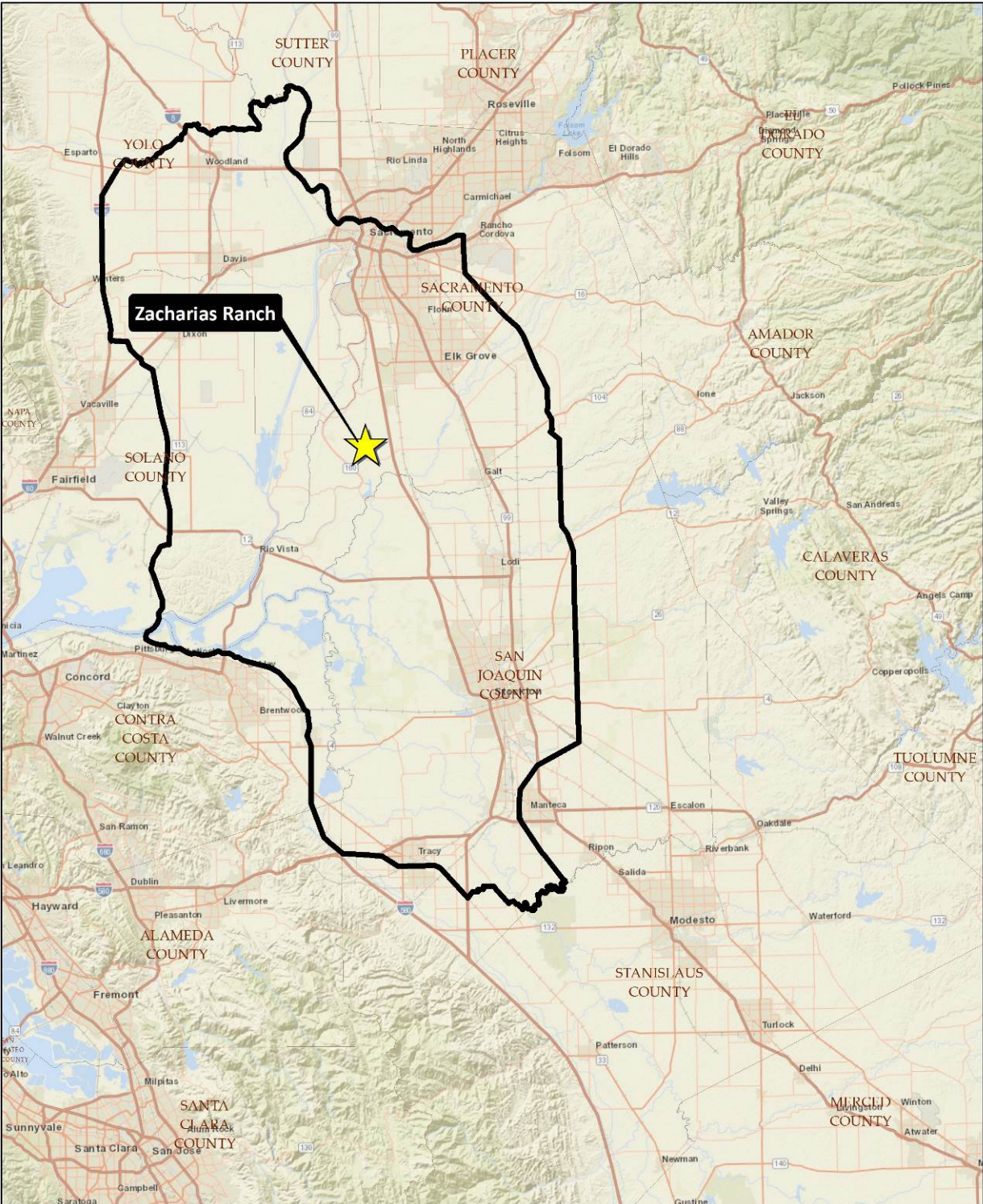


FIGURE 27
Giant Garter Snake
Service Area

G:\GIS\Project\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_28_ZR_Service_Area_Green_Sturgeon_2021_1203.mxd



FIGURE 28
Green Sturgeon
Service Area

G:\GIS\GISProject\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_29_ZR_Service_Area_Salmonids_2021_1203.mxd

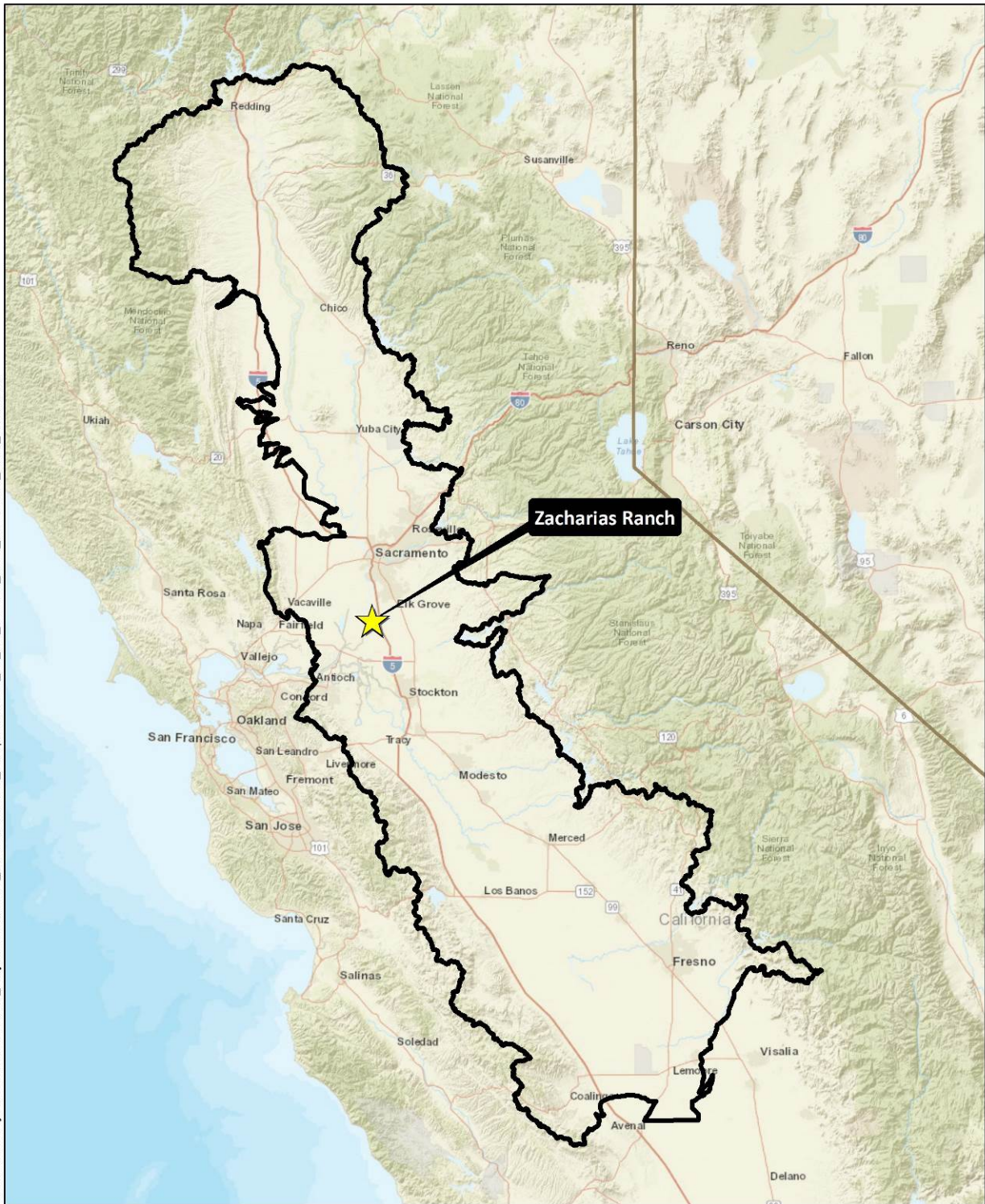


FIGURE 29
Salmonids Service Area

G:\GIS\GISProject\GISWEST\Active_Projects\Zacharias_2020\MXD\2110_Prospectus\FIG_31_ZR_Service_Area_SWHawk_2021_1203.mxd

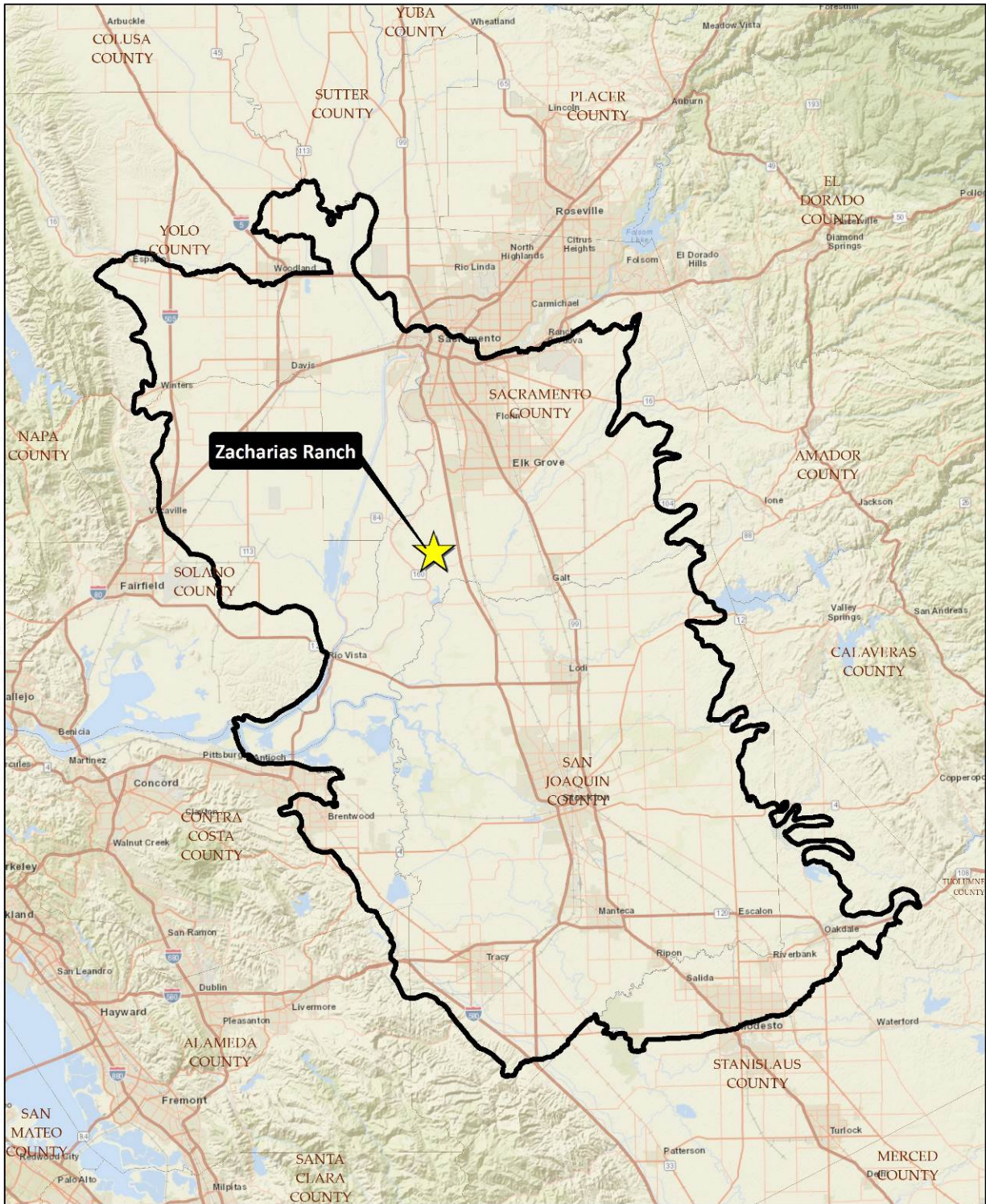


FIGURE 31
Swainson's Hawk
Service Area