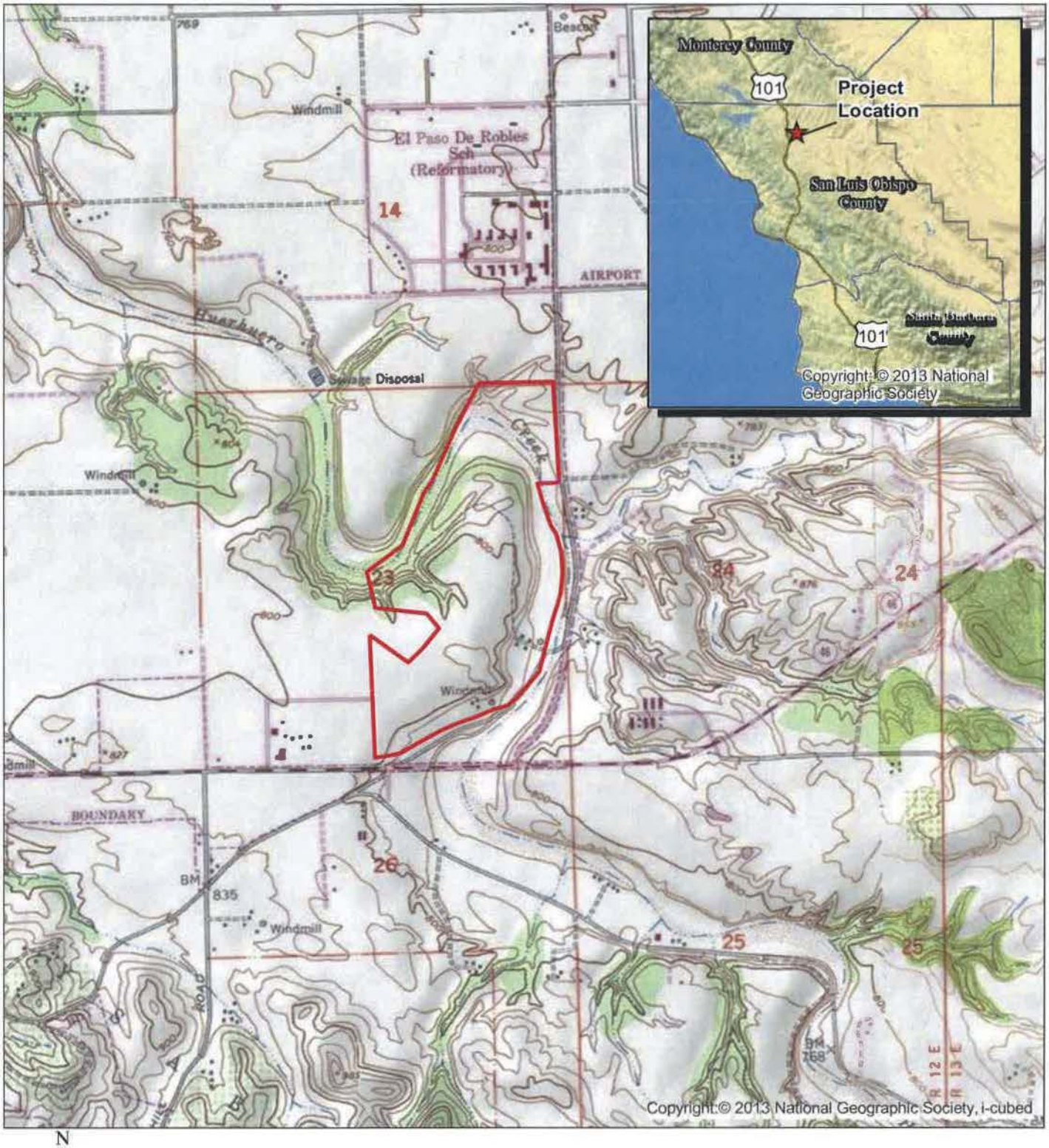
13.0 Figures

- Figure 1. USGS Topographic Map
- Figure 2. Aerial Photograph
- Figure 3. USDA Soil Map Units
- Figure 4. CNDDB and USFWS Critical Habitat Map
- Figure 5. Habitat Map

Figure 1. USGS Topographic Map



Justin Vineyards and Winery LLC
11680 Chimney Rock Road
Paso Robles, CA 93446

USGS Topographic Map
Map Updated: July 22, 2014, 08:36 AM

Althouse and Meade, Inc.
1602 Spring Street Paso
Robles, CA 93446

Figure 2. Aerial Photograph

Legend

Study Area

0 500 1,000 2,000 Feet

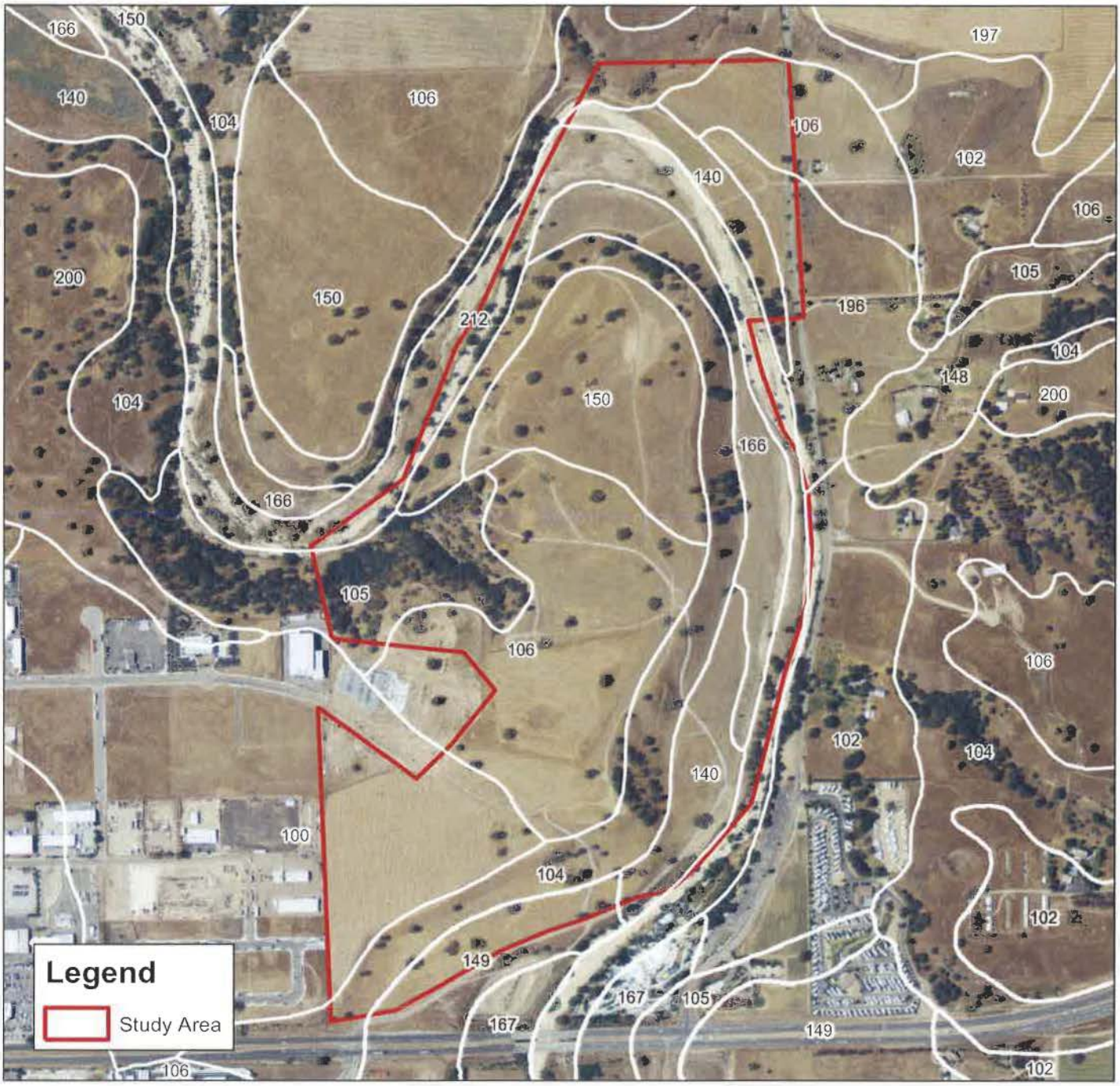
N W E S

Justin Vineyards and Winery LLC
11680 Chimney Rock Road
Paso Robles, CA 93446

2012 San Luis Obispo County
NAIP Aerial Photography
Map Updated: July 22, 2014, 08:44 AM

Althouse and Meade, Inc.
1602 Spring Street Paso
Robles, CA 93446

Figure 3. USDA Soils Map



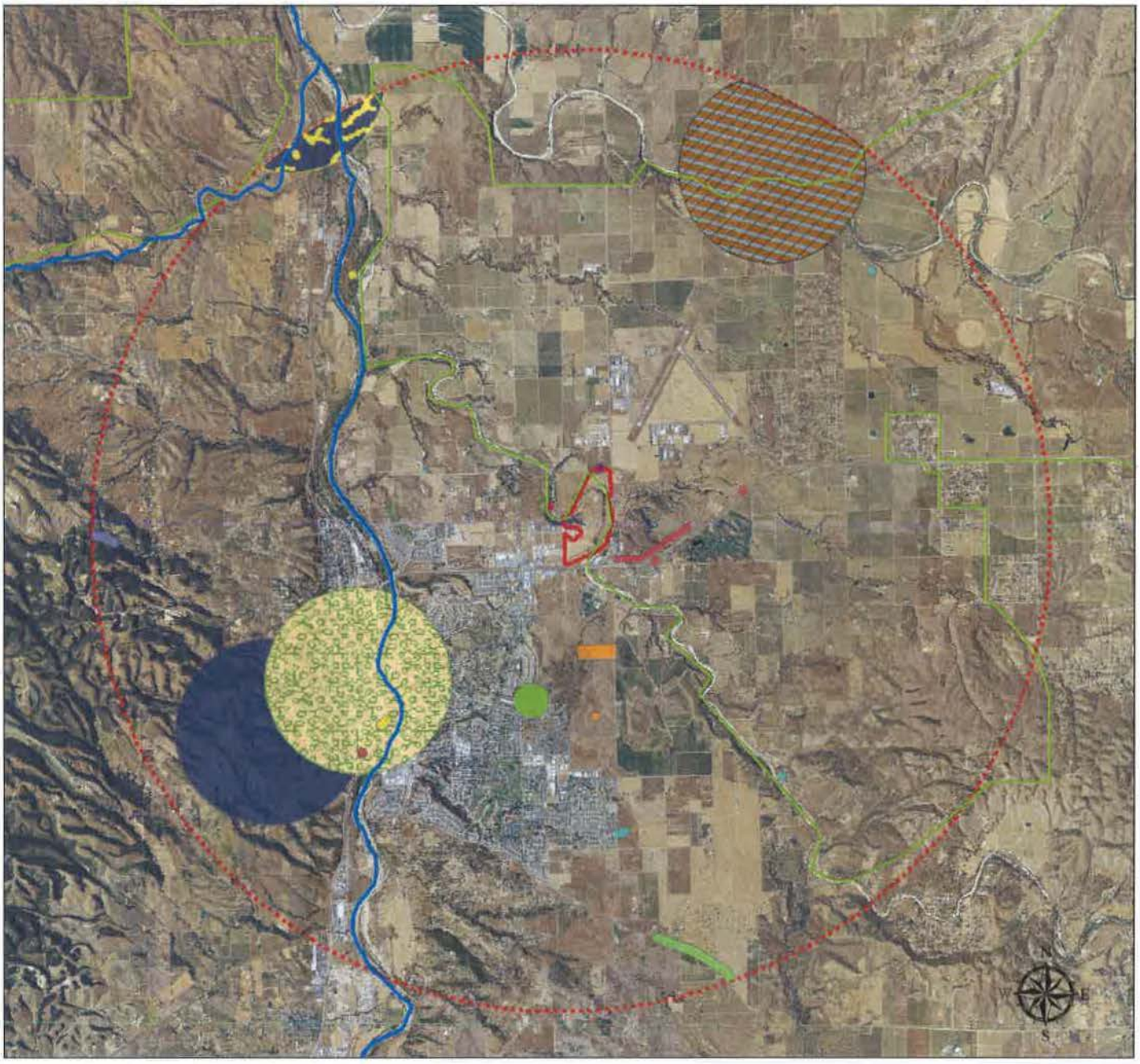
100: Arbuckle fine sandy loam, 0 to 2 percent slopes
102: Arbuckle-Positas complex, 9 to 15 percent slopes
104: Arbuckle-Positas complex, 30 to 50 percent slopes
105: Arbuckle-Positas complex, 50 to 75 percent slopes
106: Arbuckle-San Ysidro complex, 2 to 9 percent slopes
140: Elder loam, 0 to 5 percent slopes, flooded
148: Hanford and Greenfield soils, 2 to 9 percent slopes
149: Hanford and Greenfield gravelly sandy loams, 0 to 2 percent slopes
150: Hanford and Greenfield gravelly sandy loams, 2 to 9 percent slopes
166: Metz loamy sand, 0 to 5 percent slopes
167: Metz-Tujunga complex, occasionally flooded, 0 to 5 percent slopes
196: San Ysidro sandy loam, 2 to 9 percent slopes
200: Sesame sandy loam, 9 to 30 percent slopes
197: San Ysidro loam, 0 to 2 percent slopes
212: Xerofluvents-Riverwash association

Justin Vineyards and Winery LLC
11680 Chimney Rock Road
Paso Robles, CA 93446

Soil Survey of San Luis Obispo County
Inland Paso Robles
2012 San Luis Obispo County
NAIP Aerial Photography
Map Updated: July 22, 2014, 08:50 AM

Althouse and Meade, Inc.
1602 Spring Street Paso
Robles, CA 93446

Figure 4. CNDDB & FWS Critical Habitat Map



FWS Critical Habitat
- Steelhead critical habitat
- Vernal pool fairy shrimp critical habitat

CNDDB
- Atascadero June beetle
- Jared's pepper-grass
- Lemmon's jewelflower
- Lompoc grasshopper
- San Joaquin kit fox
- San Joaquin pocket mouse
- San Luis Obispo owl's-clover
- Santa Lucia dwarf rush
- golden eagle
- least Bell's vireo
- oval-leaved snapdragon
- round-leaved filaree
- shining navarretia
- vernal pool fairy shrimp
- western pond turtle
- western spadefoot
- woodland woollythreads
- 5 Mile Radius
- Study Area

0 1 2 4 Miles

Justin Vineyards and Winery LLC
11680 Chimney Rock Road
Paso Robles, CA 93446

CNDDB Data from May 2014
2012 San Luis Obispo County
NAIP Aerial Photography
Map Updated: July 22, 2014, 08:52 AM

Althouse and Meade, Inc.
1602 Spring Street Paso
Robles, CA 93446

Figure 5. Habitat Map

Justin Vineyards and Winery LLC
11680 Chimney Rock Road
Paso Robles, CA 93446

2012 San Luis Obispo County
NAIP Aerial Photography
Map Updated: July 22, 2014, 08:59 AM

Althouse and Meade, Inc.
1602 Spring Street
Paso Robles, CA 93446

14.0 Exhibit A

San Joaquin Kit Fox Habitat Evaluation Form

Kit Fox Habitat Evaluation Form

Cover Sheet

Project Name Vesting Tentative Tract 3069

Project Location*

Wisteria Lane
Paso Robles

*Include project vicinity map and project boundary on copy of U.S.G.S. 7.5. minute map (size may be reduced)

U.S.G.S. Quad Map Name Paso Robles

Lat/Long or UTM coordinates (if available) N 35.6513°

W 120.6443°

Project Description:

General Plan Amendment / 13 Lot Subdivision to Facilitate Future Commercial / Industrial Development

Project Size: **55.84 acres** Amount of Kit Fox Habitat Affected: **55.84 acres**

Quantity of WHR Habitat Types Impacted (i.e. – 2 acres annual grassland, 3 acres blue oak woodland)

WHR type **Fallow ag or grain or grain/alfalfa crops** **55.84 acres**

Comments: Dry farmed grain operations onsite since 2008.

The attached Kit Fox Mitigation Area Map and Project Summary table show the project areas of impact that require mitigation for kit fox.

A general site map showing roads and lots is also included.

Form Completed by: David E. Meade

Revised 03102

San Joaquin Kit Fox Habitat Evaluation Form

Is the project within 10 miles from a recorded San Joaquin kit fox observation or within contiguous suitable habitat as defined in Question 2(A-E)?

YES - Continue with evaluation form
NO - Evaluation form/surveys are not necessary

1. Importance of the project area relative to Recovery Plan for Upland Species of the San Joaquin Valley, California (Williams et al, 1998).
   - **A. Project would block or degrade an existing corridor linking core populations or isolate a subpopulation (20).**
   - B. Project is within a core population (15)
   - C. Project area is identified within satellite population (12)
   - D. Project area is within a corridor linking satellite populations (10)
   - E. Project area is not within any of the previously described areas but is within known kit fox range (5)

2. Habitat characteristics of the project area.
   - A. Annual grassland or saltbush scrub present >50% of site (15)
   - B. Grassland or saltbush scrub present but comprises <50% of project area (10)
   - C. Oak savannah present on >50% of site (8)
   - **D. Fallow ag fields or grain/alfalfa crops (7)**
   - E. Orchards/vineyards (5)
   - F. Intensively maintained row crops or suitable vegetation absent (0)

3. Isolation of project area
   - A. Project area surrounded by contiguous kit fox habitat as described in Question 2a-e (15)
   - **B. Project area adjacent to at least 40 acres of contiguous habitat or part of an existing corridor (10)**
   - C. Project area adjacent to <40 acres of habitat but linked by existing corridor (i.e.-river, canal, aqueduct) (7)
   - D. Project area surrounded by ag but less than 200 yards from habitat (5)
   - E. Project area completely isolated by row crops or development and is greater than 200 yards from potential habitat (0)

4. Potential for increased mortality as a result of the project implementation. Mortality may come from direct (e.g. – construction related) or indirect (e.g. -vehicle strikes due to increases in post development traffic) sources.
   - A. Increase in mortality likely (10)
   - **B. Unknown mortality effects (5)**
   - C. No long term effect on mortality (0)

5. Amount of potential kit fox habitat affected
   - A. > 320 acres (10)
   - B. 160-319 acres (7)
   - C. 80-159 acres (5)
   - **D. 40-79 acres** (3)
   - E. <40 acres (1)

6. Results of project implementation

A. Project site will be permanently converted and will no longer support foxes (10)
B. Project area will be temporarily impacted but will require periodic disturbance for ongoing maintenance (7)
C. Project area will be temporarily impacted and no maintenance necessary (5)
D. Project will result in changes to agricultural crops (2)
E. No habitat impacts (0)

7. Project shape

A. Large block (10)
B. Linear with >40 foot right-of way (5)
C. Linear with <40 foot right-of-way (3)

8. Have San Joaquin kit foxes been observed within 3 miles of the project area within the last 10 years?

A. Yes (10)
8. No (0)

Scoring

1.	Recovery importance	20
2.	Habitat condition	7
3.	Isolation	10
4.	Mortality	5
5.	Quantity of habitat impacted	3
6.	Project results	10
7.	Project shape	10
8.	Recent observations	_Q
Total		65

Revised 03102-lpd