

## **Environmental Information Attachment**

**January 16, 2023**

### ***Describe the project site's topography:***

Based on a 2018 United States Geological Survey topographic map of the Tracy Quadrangle (which includes the project site and the surrounding areas), the project site is generally flat, with an approximately 1% to 2% grade that slopes towards the north-northeast direction.

This information will be further evaluated in concert with site specific topographic surveys.

### ***Describe any existing drainage sources or eroded areas on or near the project site:***

Based on aerial imagery, the project site is not located near any natural drainage sources. Additionally, no significant erosion areas were observed.

The southern boundary of the project site is formed by the California Aqueduct in its western reach and the Delta-Mendota Canal, and an irrigation supply canal owned by Banta-Carbona Irrigation District along its eastern reach.

### ***Describe any wildlife habitat or species on-site:***

Based on aerial imagery, habitat types within the project site include mostly orchards, with small amounts of ruderal/developed areas comprised of graded roads, water canals and drainage channels, farm infrastructure, a residential dwelling and associated outbuildings and ornamental landscaping, and a small detention basin. The trees associated with the orchards and ruderal/developed areas generally provide low quality habitat for wildlife aside from the potential for birds and raptors protected under the Migratory Bird Treaty Act and California Fish and Game Code to nest and for bats to roost.

The California Aqueduct, Delta-Mendota Canal and cement-lined irrigation ditch owned by Banta-Carbona Irrigation Company run through or are adjacent to the project site. These aquatic features may provide low quality aquatic habitat for western pond turtle, although the lack of emergent vegetation and woody debris within the features likely reduce the potential for presence. These aquatic features are not aquatic habitat for giant garter snake since they lack emergent vegetation within the bed and along the banks, and the surrounding orchards do not provide suitable upland habitat for giant garter snake.

Completion of a pedestrian level survey is anticipated to confirm these assumptions.

***Identify any waterways and/or riparian habitat that may be disturbed by the proposed project:  
(See Chapter 9-1510 of the Development Title for Riparian Habitat Regulations)***

Based on aerial imagery, a small detention basin occurs within the project site. The California Aqueduct is adjacent to, and Delta-Mendota Canal bisects, a portion of the project site. A cement-lined irrigation ditch owned by Banta runs through and adjacent to portions of the project site in a northwest to southeast direction. Riparian habitat is not evident along the banks of these features.

***Identify any Native Oak trees, Heritage Oak trees, or Historical trees that may be disturbed by the proposed project: (See Chapter 9-1505 of the Development Title for Tree Regulations)***

Based on aerial imagery, no native oaks or historical trees appear to occur within the project site. Completion of a pedestrian level survey will be conducted to confirm this assumption.