

Table 4-12. Impacts Estimated for Potential Jurisdictional Wetlands and Other Waters in the Plan Area by CAZ

| Type of Wetland or Other Water  | Cascade Foothills CAZ |           |                    |                   |  |       | Sierra Foothills CAZ |            |              |            |                   | Northern Orchards CAZ |              |           |                                  |            |            |          | Southern Orchards CAZ |       |              |                   |                                    | Basin        |       |              |            |              | Sacramento River   | Totals |       |              |       |
|---|-----------------------|-----------|--------------------|-------------------|--|-------|----------------------|------------|--------------|------------|-------------------|-----------------------|--------------|-----------|----------------------------------|------------|------------|----------|-----------------------|-------|--------------|-------------------|------------------------------------|--------------|-------|--------------|------------|--------------|--------------------|--------|-------|--------------|-------|
|   | Outside UPAs          | Chico UPA | State Route-99 UPA | Foothill Area UPA | Butte County Drop-Off and Recycling Facility | Total | Outside UPAs         | Honcut UPA | Oroville UPA | Bangor UPA | Foothill Area UPA | Total                 | Outside UPAs | Chico UPA | Chico Wastewater Treatment Plant | Dayton UPA | Durham UPA | Nord UPA | State Route-99 UPA    | Total | Outside UPAs | Gridley-Biggs UPA | Gridley Wastewater Treatment Plant | Oroville UPA | Total | Outside UPAs | Nelson UPA | Richvale UPA | State Route-99 UPA |        | Total | Outside UPAs |       |
| <b>Potential Wetlands - Vernal Pools and Other Seasonal Wetlands</b>                |                       |           |                    |                   |  |       |                      |            |              |            |                   |                       |              |           |                                  |            |            |          |                       |       |              |                   |                                    |              |       |              |            |              |                    |        |       |              |       |
| Vernal Pools and Other Seasonal Wetlands in Grasslands with Swale Complexes (acres) | 1.6                   | 7.4       | 2.4                | 0.2               | 6.4  | 18.0  | 0.7                  | 0.0        | 40.9         | 0.0        | 0.0               | 41.6                  | 2.1          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.4                   | 2.5   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.2          | 0.0        | 0.0          | 0.8                | 1.0    | 0.0   | 0.0          | 63.2  |
| Vernal Pools and Other Seasonal Wetlands in Grasslands (acres)                      | 0.4                   | 10.2      | 0.2                | 1.4               | 4.3  | 16.5  | 0.7                  | 0.0        | 37.6         | 1.2        | 0.6               | 40.1                  | 0.5          | 1.3       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.8                   | 2.7   | 0.3          | 0.0               | 0.0                                | 0.1          | 0.3   | 0.8          | 0.0        | 0.0          | 0.5                | 1.3    | 0.0   | 0.0          | 60.9  |
| Vernal Pools and Other Seasonal Wetlands associated with Streams (acres)            | 3.1                   | 26.1      | 2.7                | 2.4               | 19.3   | 53.6  | 1.2                  | 0.0        | 106.3        | 0.8        | 2.8               | 111.0                 | 4.7          | 5.3       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.7                   | 10.8  | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 2.8          | 0.0        | 0.0          | 0.0                | 2.8    | 0.3   | 0.0          | 178.4 |
| <b>Potential Wetlands - Riparian Habitats<sup>1</sup></b>                           |                       |           |                    |                   |  |       |                      |            |              |            |                   |                       |              |           |                                  |            |            |          |                       |       |              |                   |                                    |              |       |              |            |              |                    |        |       |              |       |
| Cottonwood-Willow Riparian Forest (acres)   | 0.8                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.8   | 4.4                  | 0.0        | 7.0          | 0.0        | 0.0               | 11.4                  | 3.6          | 0.0       | 0.0                              | 0.0        | 0.5        | 0.0      | 0.0                   | 4.1   | 7.3          | 0.0               | 0.0                                | 0.0          | 7.3   | 2.5          | 0.0        | 0.0          | 0.0                | 2.5    | 0.6   | 0.0          | 26.7  |
| Valley Oak Riparian Forest (acres)  | 3.6                   | 6.0       | 0.0                | 0.0               | 0.0  | 9.6   | 0.7                  | 0.0        | 20.0         | 0.0        | 0.0               | 20.7                  | 11.9         | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 11.9  | 2.2          | 0.0               | 0.0                                | 0.0          | 2.2   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 1.9   | 0.0          | 46.4  |
| Willow Scrub (acres)  | 0.6                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.6   | 1.6                  | 0.0        | 5.0          | 0.0        | 0.0               | 6.6                   | 1.2          | 0.0       | 0.0                              | 0.0        | 1.0        | 0.0      | 0.0                   | 2.2   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 1.2          | 0.0        | 0.0          | 0.0                | 1.2    | 0.7   | 0.0          | 11.4  |
| Herbaceous Riparian and River Bar (acres)   | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 20.0         | 0.0        | 0.0               | 20.0                  | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 20.0  |
| Dredger Tailings with Riparian Forest and Scrub - Stream Associated (acres)         | 0.0                   | 32.0      | 0.0                | 0.0               | 0.0  | 32.0  | 0.5                  | 0.0        | 68.4         | 2.0        | 0.0               | 70.8                  | 0.0          | 0.1       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.1   | 1.3          | 0.0               | 0.0                                | 1.0          | 2.3   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 105.3 |
| Dredger Tailings with Riparian Forest and Scrub - Not Stream Associated (acres)     | 0.0                   | 4.0       | 0.0                | 0.0               | 0.0  | 4.0   | 0.0                  | 0.0        | 30.6         | 0.0        | 0.0               | 30.6                  | 0.0          | 101.8     | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 101.8 | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 136.5 |
| <b>Potential Wetlands - Perennial Emergent</b>                                      |                       |           |                    |                   |  |       |                      |            |              |            |                   |                       |              |           |                                  |            |            |          |                       |       |              |                   |                                    |              |       |              |            |              |                    |        |       |              |       |
| Emergent Wetland (acres)  | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.7                  | 0.0        | 25.0         | 2.0        | 0.0               | 27.7                  | 0.3          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.3   | 5.9          | 0.0               | 0.0                                | 0.0          | 5.9   | 1.3          | 0.0        | 0.0          | 0.0                | 1.3    | 0.3   | 0.0          | 35.4  |
| <b>Potential Wetlands - Artificial Types</b>  |                       |           |                    |                   |  |       |                      |            |              |            |                   |                       |              |           |                                  |            |            |          |                       |       |              |                   |                                    |              |       |              |            |              |                    |        |       |              |       |
| Managed Wetland (acres)   | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 4.8          | 0.0        | 0.0          | 0.0                | 4.8    | 0.0   | 0.0          | 4.8   |
| Managed Seasonal Wetland (acres)  | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 7.4                  | 0.0        | 0.0          | 0.0        | 0.0               | 7.4                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 7.4   |
| Rice - Jurisdictional Portion (acres) <sup>2</sup>                                  | 2.8                   | 2.1       | 0.0                | 0.0               | 0.0  | 4.9   | 2.4                  | 0.0        | 0.0          | 0.0        | 0.0               | 2.4                   | 0.1          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.1   | 1.7          | 51.5              | 0.0                                | 0.0          | 53.1  | 15.2         | 2.4        | 0.5          | 0.0                | 18.2   | 0.0   | 0.0          | 78.7  |
| Irrigated Pasture, Cropland - Jurisdictional Portion (acres) <sup>3</sup>           | 0.2                   | 1.3       | 0.0                | 0.0               | 0.0  | 1.5   | 0.7                  | 0.0        | 3.0          | 0.0        | 0.0               | 3.8                   | 0.2          | 0.3       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.5                   | 1.3   | 14.8         | 0.0               | 0.0                                | 16.1         | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 21.9         |       |
| <b>Subtotal - Wetlands</b>  | 13.1                  | 89.1      | 5.4                | 4.0               | 30.0   | 141.7 | 21.0                 | 0.0        | 363.8        | 5.9        | 3.4               | 394.2                 | 24.6         | 108.9     | 0.0                              | 0.0        | 1.5        | 0.0      | 1.9                   | 137.0 | 19.9         | 66.3              | 0.0                                | 1.1          | 87.2  | 28.8         | 2.4        | 0.5          | 1.3                | 33.1   | 3.7   | 0.0          | 796.9 |
| <b>Non-wetland Waters</b>   |                       |           |                    |                   |  |       |                      |            |              |            |                   |                       |              |           |                                  |            |            |          |                       |       |              |                   |                                    |              |       |              |            |              |                    |        |       |              |       |
| Pond (acres) <sup>4</sup>   | 0.0                   | 3.8       | 0.0                | 1.0               | 1.0  | 5.8   | 0.0                  | 0.0        | 15.4         | 1.4        | 0.5               | 17.3                  | 0.0          | 1.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 1.0                   | 0.0   | 0.5          | 0.0               | 0.0                                | 0.5          | 0.0   | 0.5          | 0.0        | 0.0          | 0.5                | 0.0    | 0.0   | 25.0         |       |
| Open Water (acres)  | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.1          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 0.0   |
| Major Canal (acres)   | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 0.0   |
| Rivers, Streams, Agricultural Channels (linear miles)                               | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 0.0   |
| <b>Subtotal Other Waters (acres)</b>  | 0.0                   | 3.8       | 0.0                | 1.0               | 1.0  | 5.8   | 0.0                  | 0.0        | 15.4         | 1.4        | 0.5               | 17.3                  | 0.0          | 1.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 1.0                   | 0.0   | 0.5          | 0.0               | 0.0                                | 0.5          | 0.1   | 0.5          | 0.0        | 0.0          | 0.5                | 0.0    | 0.0   | 25.0         |       |
| <b>Subtotal Other Waters (linear miles)</b>   | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 0.0   |
| <b>Total Waters of U.S. (acres)</b>   | 13.1                  | 93.0      | 5.4                | 5.0               | 31.0   | 147.4 | 21.0                 | 0.0        | 379.2        | 7.4        | 3.8               | 411.5                 | 24.6         | 109.9     | 0.0                              | 0.0        | 1.5        | 0.0      | 1.9                   | 138.0 | 19.9         | 66.8              | 0.0                                | 1.1          | 87.7  | 28.9         | 2.9        | 0.5          | 1.3                | 33.6   | 3.7   | 0.0          | 821.9 |
| <b>Total Stream/Channel Waters of U.S. (linear miles)</b>                           | 0.0                   | 0.0       | 0.0                | 0.0               | 0.0  | 0.0   | 0.0                  | 0.0        | 0.0          | 0.0        | 0.0               | 0.0                   | 0.0          | 0.0       | 0.0                              | 0.0        | 0.0        | 0.0      | 0.0                   | 0.0   | 0.0          | 0.0               | 0.0                                | 0.0          | 0.0   | 0.0          | 0.0        | 0.0          | 0.0                | 0.0    | 0.0   | 0.0          | 0.0   |

<sup>1</sup> Only portions of riparian habitats meet jurisdictional criteria under CWA Section 404, but all areas meet jurisdictional criteria under Section 1602 of the California Fish and Game Code.

<sup>2</sup> Based on assumption that 5% of rice land would support jurisdictional wetlands after removal of artificial irrigation practices (1,516 acres rice would support 80.75 acres of wetlands).

<sup>3</sup> Based on assumption that 1% of irrigated pasture and cropland would support jurisdictional wetlands after removal of artificial irrigation practices (2,207 acres pasture/cropland would support 22.07 acres of wetlands).

<sup>4</sup> Based on estimate of 0.48 acres/pond, calculated from a sample of 30 ponds.