

**Table 5–20a. Expected Extent of Conserved Natural Communities in the Plan Area with BRCP Implementation (acres unless noted otherwise in the first column)**

Natural Community/Land Cover Type	Total	Total Removed <sup>1</sup>	Total Existing Protected <sup>2</sup> (a)	Other PEHL <sup>3</sup>	Percent Existing Protected	Impact Overlapping with Existing Protected <sup>4</sup> (b)	BRCP Protected (c)	BRCP Restored (d)	Total Conserved with BRCP Implementation (=a-b+c+d)	Percent Conserved with BRCP Implementation
<b>Oak Woodland and Savanna</b>										
Blue oak savanna	10,581	1,478	240	392	2.3%	25	2,862	0	3,077	29.1%
Blue oak woodland	34,735	3,817	2,713	679	7.8%	4	5,873	0	8,583	24.7%
Live oak woodland and mixed oak woodland	47,274	6,029	1,038	2,650	2.2%	1	11,756	0	12,793	27.1%
<i>Subtotal</i>	<i>92,590</i>	<i>11,324</i>	<i>3,991</i>	<i>3,721</i>	<i>4.3%</i>	<i>30</i>	<i>20,491</i>	<i>0</i>	<i>24,452</i>	<i>26.4%</i>
<b>Grassland</b>										
Grassland	68,124	7,694	8,043	2,115	11.8%	16	13,441	0	21,469	31.5%
Grassland with vernal swale complex <sup>5</sup>	34,110	1,391	4,287	778	12.6%	0	21,400	3,060	28,747	84.3%
<i>Subtotal</i>	<i>102,234</i>	<i>9,084</i>	<i>12,330</i>	<i>2,893</i>	<i>12.1%</i>	<i>16</i>	<i>34,841</i>	<i>3,060</i>	<i>50,215</i>	<i>49.1%</i>
<b>Riparian</b>										
Cottonwood-willow and valley oak riparian forest <sup>6</sup>	11,840	73	2,460	1,579	20.8%	6	5,650	178	8,282	70.0%
Willow scrub	2,995	11	773	150	25.8%	0	720	11	1,505	50.2%
Herbaceous riparian river bar	1,658	20	623	181	37.6%	0	0	0	623	37.6%
Dredger tailings with riparian <sup>7</sup>	5,656	242	331	2,027	5.8%	1	0	0	330	5.8%
<i>Subtotal</i>	<i>22,148</i>	<i>346</i>	<i>4,188</i>	<i>3,937</i>	<i>18.9%</i>	<i>7</i>	<i>6,370</i>	<i>190</i>	<i>10,740</i>	<i>48.5%</i>
<b>Wetland</b>										
Emergent wetland <sup>8</sup>	4,440	35	1,760	676	39.6%	0	695	126	2,580	58.1%
Managed seasonal wetland	2,097	7	2,025	0	96.6%	4	0	0	2,021	96.4%
Managed wetland <sup>9</sup>	25,486	5	22,768	0	89.3%	4	0	0	22,764	89.3%
<i>Subtotal</i>	<i>32,024</i>	<i>48</i>	<i>26,552</i>	<i>676</i>	<i>82.9%</i>	<i>7</i>	<i>695</i>	<i>126</i>	<i>27,365</i>	<i>85.5%</i>
<b>Aquatic</b>										
Open water – all	8,401	0	3,693	2,266	44.0%	0	0	0	3,693	44.0%
Open water – stream channel <sup>10</sup> (linear miles)	1,436.0	0.0	158.4	57.6	11.0%	0.0	52.0	0.0	210	14.7%
Major canal	1,897	0	50	1	2.7%	0	0	0	50	2.7%
Pond (no. of ponds)	465	52	28	7	6.0%	0	80	0	108	23.2%
<b>Agricultural Lands</b>										
Rice	120,316	1,615	2,198	0	1.8%	1	23,182	0	25,380	21.1%
Irrigated pasture and irrigated cropland	21,572	2,207	5,682	18	26.3%	1	3,780	0	9,461	43.9%
<i>Subtotal</i>	<i>141,889</i>	<i>3,822</i>	<i>7,880</i>	<i>19</i>	<i>5.6%</i>	<i>2</i>	<i>26,962</i>	<i>0</i>	<i>34,840</i>	<i>24.6%</i>
<b>Total<sup>11</sup></b>	<b>399,286</b>	<b>24,624</b>	<b>58,635</b>	<b>13,512</b>	<b>14.7%</b>	<b>62</b>	<b>89,359</b>	<b>315</b>	<b>145,187</b>	<b>36.4%</b>

**Notes:**

Discrepancies in totals due to rounding.

<sup>1</sup>Gray-shaded cells - Values in these cells are less than the total amount of GIS-generated overlap between land cover types and the covered activity footprint data layer. These acreage values were adjusted down to reflect the allowable level of impact for these specific land cover types and are therefore less than the total amount of impact that would be generated from GIS analyses. Covered activities will avoid impacts on the remaining extent of these land cover types.

<sup>2</sup>Comprised of existing Category 1 lands as described in Section 5.2.3.6

<sup>3</sup>PEHL=Public and Easement Habitat Land. Other PEHL is comprised of Category 2 lands as described in Section 5.2.3.6.

<sup>4</sup>GIS overlay impact assessment incorrectly indicates an impact on existing protected lands. Areas include 3 new bridge construction locations along Orphir Rd north of Llano Seco Ranch, a bridge replacement project within Vina Plains along Cana Pine Creek Rd, a portion of the Oroville Wildlife Area associated with the SR70 widening project, and a portion of land along the west bank of the Thermalito Afterbay associated with the SR99 widening project. During implementation of the covered activities, impacts are expected to be avoided. Consequently, the total conserved with BRCP implementation is greater by this acreage. This correction does not change the overall allowable impact limit for natural communities.

<sup>5</sup>The acreage restored is based on an estimate of the total land area necessary to restore 307 acres of vernal pools and other seasonal wetlands at 10 percent cover. See Tables 5-7 and 5-11 for vernal pool and other seasonal wetland mitigation requirements and impact estimates. This 3,070 acres occur within the 13,441 acres of protected grassland or additional agricultural lands acquired for this purpose.

<sup>6</sup>The amount of cottonwood-willow and valley oak riparian restored includes mitigation for impacts on stream associated dredger tailings with riparian.

<sup>7</sup>No or a portion of dredger tailings with riparian may be protected if mitigation is provided through protection of cottonwood-willow and valley oak riparian forest (see Table 5-11).

<sup>8</sup>A portion of restored acreage mitigates for the loss of 35 acres of emergent wetland (at a 2 to 1 ratio), an estimated 79 acres of jurisdictional wetlands within rice (at a 0.5 to 1 ratio), 22 of acres of jurisdictional wetlands within irrigated cropland/pasture (at a 0.5 to 1 ratio) and 5 acres of managed wetland (at a ratio of 1 to 1). The BRCP will also restore 500 acres of giant garter snake habitat, a large proportion of which will be emergent wetland.

<sup>9</sup>Less than 5 acres may be created if impacts on managed wetland are mitigated with restoration of emergent wetland.

<sup>10</sup>Consists of protection of 40 miles of perennial stream channel and 12 miles of intermittent stream channel (see Table 5-5).

<sup>11</sup>The total protected under the BRCP does not include the acquisition of an estimated 242 acres of land necessary to protect 52 miles of perennial and intermittent stream channel (this acreage is included in Table 5-9). The total habitat restored under the BRCP does not include 500 acres of giant garter snake habitat restoration (see Tables 5-7 and 5-9) and does not include the acreage of restored vernal pools and other seasonal wetlands (3,060 acres) because this restoration will occur within the 13,441 acres of BRCP protected grassland.