Table 4-4. Maximum Extent of Natural Communities and Land Cover Types Removed (Permanent Direct Effects) with Implementation of the Covered Activities in CAZs and UPAs (acres unless otherwise noted in the first column)

				CAZs and UPAs (acres unless otherwise noted in the first column)																															
				Cascade Foothills CAZ						Sierra Foothills CAZ						Northern Orchards CAZ								Southern Orchards CAZ					Basin CAZ					Sacramento River CAZ		
Natural Community/Land Cover Type[1]	Existing Inside UPAs	Existing Outside UPAs	Existing in Plan Area	Outside UPAs	Chico	State Route-99	Foothill Area	Neal Road Drop Off & Recycling Facility	Total	Outside UPAs	Honcut	Oroville	Bangor	Foothill Area	Total	Outside UPAs	Chico	Chico Wastewater Treatment Plant	Dayton	Durham	Nord	State Route-99	Total	Outside UPAs	Gridley-Biggs	Gridley Wastewater Treatment Plant	Oroville	Total	Outside UPAs	Nelson	Richvale	State Route-99	Total		Total Removed	Percent Remaining
Oak Woodland and Savanna																																				
Blue Oak Savanna	2,990	7,591	10,581	0	598	0	58	146	802	9	0	570	53	44	676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,478	86.0
Blue Oak Woodland	8,470	26,265	34,735	0	1,269	0	184	110	1,564	23	0	1,711	519	0	2,253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,817	89.0
Interior Live Oak Woodland	1,240	1,142	2,382	0	253	0	6	27	286	6	0	219	2	0	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	78.5
Mixed Oak Woodland	15,411	29,482	44,893	4	861	0	37	24	926	44	0	3,302	335	910	4,591	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,517	87.7
Subtotal	*28,111*	*64,480*	*92,590*	*4*	*2,982*	*0*	*285*	*308*	*3,579*	*81*	*0*	*5,801*	*908*	*955*	*7,746*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*11,324*	*87.8*
Grassland																																				
Grassland[2]	15,678	52,446	68,124	56	1,271	38	165	576	2,105	89	2	4,737	135	79	5,041	80	174	0	0	0	0	95	350	31	0	0	7	38	98	0	0	59	157	2	7,694	88.7
Grassland with Vernal Swale Complex	4,835	29,275	34,110	34	163	54	5	141	397	15	0	901	0	0	916	47	0	0	0	0	0	9	56	0	0	0	0	0	5	0	0	17	22	0	1,391	95.9
Subtotal	*20,513*	*81,721*	*102,234*	*90*	*1,434*	*92*	*169*	*717*	*2,503*	*104*	*2*	*5,638*	*135*	*79*	*5,957*	*127*	*174*	*0*	*0*	*0*	*0*	*104*	*406*	*31*	*0*	*0*	*7*	*38*	*103*	*0*	*0*	*76*	*179*	*2*	*9,084*	*91.1*
Riparian																																				
Cottonwood Willow Riparian Forest	1,204	6,305	7,509	1	0	0	0	0	1	4	0	7	0	0	11	4	0	0	0	1	0	0	4	7	0	0	0	7	2	0	0	0	2	1	27	99.6
Valley Oak Riparian Forest	905	3,426	4,331	4	6	0	0	0	10	1	0	20	0	0	21	12	0	0	0	0	0	0	12	2	0	0	0	2	0	0	0	0	0	2	46	98.9
Willow Scrub	480	2,515	2,995	1	0	0	0	0	1	2	0	5	0	0	7	1	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0	0	1	1	11	99.6
Herbaceous Riparian River Bar	191	1,466	1,658	0	0	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	98.8
Dredger Tailings with Riparian - Stream	2,585	2,905	5,490	0	32	0	0	0	32	0	0	68	2	0	71	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	0	0	105	98.1
Dredger Tailings with Riparian - Non-stream	165	1	166	0	4	0	0	0	4	0	0	31	0	0	31	0	102	0	0	0	0	0	102	0	0	0	0	0	0	0	0	0	0	0	136	17.8
Subtotal	*5,529*	*16,619*	*22,148*	*5*	*42*	*0*	*0*	*0*	*47*	*7*	*0*	*151*	*2*	*0*	*160*	*17*	*102*	*0*	*0*	*2*	*0*	*0*	*120*	*11*	*0*	*0*	*1*	*12*	*4*	*0*	*0*	*0*	*4*	*3*	*346*	*98.4*
Wetland																																				
Emergent Wetland	261	4,179	4,440	0	0	0	0	0	0	1	0	25	2	0	28	0	0	0	0	0	0	0	0	6	0	0	0	6	1	0	0	0	1	0	35	99.2
Managed Seasonal Wetland	0	2,097	2,097	0	0	0	0	0	0	7	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	99.6
Managed Wetland	0	25,486	25,486	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	5	0	0	0	5	0	5	100.0
Subtotal	*261*	*31,763*	*32,024*	*0*	*0*	*0*	*0*	*0*	*0*	*8*	*0*	*25*	*2*	*0*	*35*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6*	*0*	*0*	*0*	*6*	*6*	*0*	*0*	*0*	6	*0*	*48*	*99.9*
Aquatic																																				
Open Water	1,760	6,642	8,401	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	100.0
Major Canal	52	1,845	1,897	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	100.0
Subtotal	*1,811*	*8,487*	*10,298*	*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*	*100.0*
Pond (no. of ponds)	203	262	465	0	8	0	2	2	12	0	0	32	3	1	36	0	2	0	0	0	0	0	2	0	1	0	0	1	0	1	0	0	1	0	52	88.8
Agriculture																																				
Rice[3]	1,304	119,013	120,316	56	42	0	0	0	98	49	0	0	0	0	49	1	0	0	0	0	0	0	1	34	1,029	0	0	1,063	345	49	11	0	404	0	1,615	98.7
Irrigated Cropland[4]	3,780	16,632	20,413	18	133	0	2	0	153	75	0	194	3	0	271	15	33	0	0	0	0	0	48	126	1,482	0	0	1,608	20	0	0	0	20	1	2,102	89.7
Irrigated Pasture	223	937	1,160	0	0	0	0	0	0	0	0	105	0	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	105	90.9
Subtotal	*5,307*	*136,582*	*141,889*	*74*	*175*	*0*	*2*	*0*	*251*	*123*	*0*	*300*	*3*	*0*	*425*	*16*	*33*	*0*	*0*	*0*	*0*	*0*	*49*	*160*	*2,511*	*0*	*0*	*2,671*	*365*	*49*	*11*	*0*	424	*1*	*3,822*	*97.3*
Total	**61,532**	**339,651**	**401,183**	**173**	**4,633**	**92**	**456**	**1,025**	**6,379**	**323**	**2**	**11,915**	**1,050**	**1,034**	**14,324**	**161**	**309**	**0**	**0**	**2**	**0**	**104**	**575**	**207**	**2,511**	**0**	**8**	**2,727**	**478**	**49**	**11**	**76**	**613**	**7**	**24,624**	**93.9**

Note: Discrepancies in totals are due to rounding.

[1]Impacts on orchard/vineyard, non-native woodland, dredger tailings with herbaceous, chaparral, and conifer dominated forest land cover types are not shown because they do not provide suitable habitat for non-covered species.

[2]Includes 80 acres of permanent direct effects on grassland shown in Table 4-2 that are associated with Caltrans roadway construction project borrow sites in the Cascade Foothills and Sierra Foothills CAZs outside of UPAs.

[3]Includes 40 acres of permanent direct effects on rice land shown in Table 4-2 that are associated with rerouting existing canals in the Basin CAZ outside of UPAs.

[4]Includes 20 acres of permanent direct effects on irrigated cropland shown in Table 4-2 that are associated with rerouting existing canals in the Basin CAZ outside of UPAs.

Gray-shaded cells - Values in these cells are less than the total amount of GIS-generated overlap between land cover types and the covered activities effects footprint data layer. These acreage values were adjusted down to reflect the likely level of impact for these specific land cover types due to the likelihood of projects avoiding impacts and are therefore less than the total amount of impact that was generated from the GIS analyses. Covered activities are authorized only to the amount of natural community acreage removal (permanent direct effects) identified in this table and will avoid impacts on the remaining acreage of these land cover types. The GIS footprint of permanent direct effects on grassland with vernal swale complex is 1,939 acres and the allowable permanent direct effects are 1,390 acres. The GIS footprint of permanent direct effects on cottonwood willow riparian forest is 430 acres and the allowable permanent direct effects are 27 acres. The GIS footprint of permanent direct effects on valley oak riparian forest is 212 acres and the allowable permanent direct effects are 46 acres. The GIS footprint of permanent direct effects on willow scrub is 144 acres and the allowable permanent direct effects are 11 acres. The GIS footprint of permanent direct effects on herbaceous riparian river bar is 31 acres and the allowable permanent direct effects are 20 acres. The GIS footprint of permanent direct effects on dredger tailings with riparian forest is 596 acres and the allowable permanent direct effects are 241 acres. The GIS footprint of permanent direct effects on emergent wetland is 81 acres and the allowable permanent direct effects are 35 acres. The GIS footprint of permanent direct effects on open water is 109 acres and there are no the allowable permanent direct effects. The GIS footprint of permanent direct effects on major canal is 27 acres and there are no the allowable permanent direct effects.