APPENDIX E

SUMMARIES OF EXISTING HABITAT AND HABITAT CHANGE SINCE 1993 FOR EACH 2004 INTERIM RENEWAL CONTRACTOR

AMERICAN RIVER DIVISION (Interim Contracts)

Summary of 1993 - 2000 Conversions of Natural Land by Water Service Area (Acres)

IDCON#	WSA NAME	WSA ACRES	Natural Landcover 1993	Natural Landcover 2000	Natural - Other (1993-2000)	Other - Natural (1993 - 2000)	Percent of Natural Loss or Gain	Natural Landcover Change per WSA	Natural - Ag.	Natural - Urban	Natural - Unknown
201780	El Dorado I.D.	137716	121517	118925	2616	24	-2.13%	-1.88%	33	2527	56
201760	San Juan W.D.	29500	5782	5240	542	0	-9.37%	-1.84%	0	542	0
201770	El Dorado I.D. Sly Park	136128	119775	117179	2620	24	-2.17%	-1.91%	33	2531	56
Total		303344	247074	241344	5778	48	-2.32%	-1.89%	66	5600	112

10/31/03

El Dorado I.D. IDCON-201780

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	48
Agriculture to Unknown	0
Agriculture to Natural	24
Natural to Agriculture	34
Natural to Urban	2528
Natural to Unknown	57
Urban to Natural	0
No Change	135028
Total Acreage	137719

Note This data is subject to change as refinements are made to processes

El Dorado Irrigation District (IDCON-201780)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*25*	0	0	0	0	0	0	0	0	0	25
AG-I	0	*3735*	48	14	0	0	10	0	0	0	3807
URB	0	0	*12367*	0	0	0	0	0	0	0	12367
BAR	0	21	12	*247*	0	0	0	0	0	0	280
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*1240*	0	0	0	0	1240
GRS	0	0	1458	270	0	0	*21403*	0	0	0	23131
SHB	0	0	66	0	0	0	2	*6494*	0	4	6566
WDL	0	12	991	0	0	0	12	0	*89233*	52	90300
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	25	3768	14942	531	0	1240	21427	6494	89233	56	137716

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

3/1/2004

San Juan W.D. - IDCON201760

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	30
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	542
Natural to Unknown	0
Urban to Natural	0
No Change	28930
Total Acreage	29502

Note This data is subject to change as refinements are made to processes

San Juan Water District (IDCON-201760)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*679*	30	0	0	0	0	0	0	0	709
URB	0	0	*23009*	0	0	0	0	0	0	0	23009
BAR	0	0	0	*59*	0	0	0	0	0	0	59
WET	0	0	0	0	*13*	0	0	0	0	0	13
WAT	0	0	0	0	0	*67*	0	0	0	0	67
GRS	0	0	338	17	0	0	*1596*	0	3	0	1954
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	204	5	0	0	0	0	*3480*	0	3689
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	679	23581	81	13	67	1596	0	3483	0	29500

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Eldorado ID - Sly Park Unit IDCON - 201770

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	48
Agriculture to Unknown	0
Agriculture to Natural	24
Natural to Agriculture	34
Natural to Urban	2531
Natural to Unknown	57
Urban to Natural	0
No Change	133438
Total Acreage	136132

Note This data is subject to change as refinements are made to processes

El Dorado Irrigation District (Sly Park Unit) (IDCON-201770)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*25*	0	0	0	0	0	0	0	0	0	25
AG-I	0	*3776*	48	14	0	0	10	0	0	0	3848
URB	0	0	*12480*	0	0	0	0	0	0	0	12480
BAR	0	21	12	*235*	0	0	0	0	0	0	268
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*1190*	0	0	0	0	1190
GRS	0	0	1458	269	0	0	*21813*	0	0	0	23540
SHB	0	0	66	0	0	0	2	*5918*	0	4	5990
WDL	0	12	995	0	0	0	12	0	*87716*	52	88787
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	25	3809	15059	518	0	1190	21837	5918	87716	56	136128

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

DELTA DIVISION (Interim Contracts)

Summary of 1993 - 2000 Conversions of Natural Land by Water Service Area (Acres)

IDCON#	WSA NAME	WSA ACRES	Natural Landcover 1993	Natural Landcover 2000	Natural - Other (1993-2000)	Other - Natural (1993 - 2000)	Percent of Natural Loss or Gain	Natural Landcover Change per WSA	Natural - Ag.	Natural - Urban	Natural - Unknown
201840	Banta-Carbona	17697	41	49	4	12	19.51%	0.05%	0	4	0
201850	Broadview	9702	0	0	0	0	0.00%	0.00%	0	0	0
201860	Centinella	879	78	78	0	0	0.00%	0.00%	0	0	0
201890	Del Puerto	54672	9679	9512	433	266	-1.73%	-0.31%	420	13	0
201900	Eagle Field	1438	9	9	0	0	0.00%	0.00%	0	0	0
201920	Fresno Slough	1316	26	41	0	15	57.69%	1.14%	0	0	0
201950	James	26434	127	129	5	7	1.57%	0.01%	4	1	0
201970	Laguna	461	10	10	0	0	0.00%	0.00%	0	0	0
201980	Mercy Springs	3589	119	119	0	0	0.00%	0.00%	0	0	0
202010	Oro Loma	1096	2	2	0	0	0.00%	0.00%	0	0	0
202040	Patterson	13785	74	76	10	12	2.70%	0.01%	0	10	0
202050	Plain View	7143	968	874	96	2	-9.71%	-1.32%	0	96	0
202070	Rec. Dist. 1606	360	60	43	17	0	-28.33%	-4.72%	13	0	4
202095	SJ Vet. Cemetery	324	321	321	0	0	0.00%	0.00%	0	0	0
202120	The West Side	6979	0	0	0	0	0.00%	0.00%	0	0	0
202130	Coehlo Fam. Trust	3500	1102	1120	31	13	1.63%	0.51%	2	0	29
202135	City of Tracy	9093	311	216	107	12	-30.55%	-1.04%	0	107	0
202845	Santa Clara Valley	835605	590513	590003	546	36	-0.99%	-0.06%	0	546	0
202140	Tranquillity	10596	17	16	1	0	-5.88%	-0.01%	1	0	0
201940	Tranquillity P.U.D.	129	0	0	0	0	0.00%	0.00%	0	0	0
203220	Westlands	605553	13441	14642	1174	2375	8.94%	0.20%	692	15	467
202180	West Stanislaus	22503	24	32	0	8	33.33%	0.04%	0	0	0
202192	Widren	881	99	99	0	0	0.00%	0.00%	0	0	0
Total		1633735	617021	617391	2424	2758	0.06%	0.02%	1132	792	500

10/31/2003

Banta-Carbona I.D. - IDCON201840

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	107
Agriculture to Unknown	0
Agriculture to Natural	12
Natural to Agriculture	0
Natural to Urban	4
Natural to Unknown	0
Urban to Natural	0
No Change	17574
Total Acreage	17697

Note: This data is subject to change as refinements are made to processes.

Banta-Carbona Irrigation District (IDCON-201840)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*16863*	107	0	0	12	0	0	0	0	16982
URB	0	0	*674*	0	0	0	0	0	0	0	674
BAR	0	0	4	*0*	0	0	0	0	0	0	4
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*3*	0	0	0	0	3
GRS	0	0	0	0	0	0	*34*	0	0	0	34
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	16863	785	0	0	15	34	0	0	0	17697

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Broadview W.D. - IDCON201850

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	2
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	9701
Total Acreage	9703

Note: This data is subject to change as refinements are made to processes.

Broadview Water District (IDCON-201850)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*9683*	0	0	0	0	0	0	0	2	9685
URB	0	0	*17*	0	0	0	0	0	0	0	17
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*0*	0	0	0	0	0
GRS	0	0	0	0	0	0	*0*	0	0	0	0
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	9683	17	0	0	0	0	0	0	2	9702

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Centinella W.D. - IDCON201860

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	1
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	878
Total Acreage	879

Note: This data is subject to change as refinements are made to processes.

Centinella Water District (IDCON-201860)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*801*	0	0	0	0	0	0	0	0	801
URB	0	0	*0*	0	0	0	0	0	0	0	0
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*4*	0	0	0	0	4
GRS	0	0	0	0	0	0	*74*	0	0	0	74
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	801	0	0	0	4	74	0	0	0	879

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Del Puerto W.D. - IDCON201890

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	206
Agriculture to Unknown	10
Agriculture to Natural	229
Natural to Agriculture	420
Natural to Urban	13
Natural to Unknown	0
Urban to Natural	0
No Change	53793
Total Acreage	54671

Note This data is subject to change as refinements are made to processes

Del Puerto Water District (IDCON-201890)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*44082*	206	0	0	0	229	0	0	10	44527
URB	0	0	*466*	0	0	0	0	0	0	0	466
BAR	0	18	13	*33*	0	0	29	0	0	0	93
WET	0	0	0	0	*23*	0	0	0	0	0	23
WAT	0	0	0	0	0	*723*	6	0	0	0	729
GRS	28	375	0	1	0	0	*8338*	0	23	0	8765
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*17*	0	17
UNK	0	0	0	0	0	0	0	0	0	*52*	52
Total	28	44475	685	34	23	723	8602	0	40	62	54672

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Eagle Field W.D. - IDCON201900

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	1438
Total Acreage	1438

Note: This data is subject to change as refinements are made to processes.

Eagle Field Water District (IDCON-201900)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*1429*	0	0	0	0	0	0	0	0	1429
URB	0	0	*0*	0	0	0	0	0	0	0	0
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*9*	0	0	0	0	9
GRS	0	0	0	0	0	0	*0*	0	0	0	0
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	1429	0	0	0	9	0	0	0	0	1438

Habitat Totals Existing in 2000 (acres)

Habitat Totals in 1993 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Fresno Slough W.D. - IDCON201920

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	21
Agriculture to Unknown	179
Agriculture to Natural	15
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	1101
Total Acreage	1316

Note: This data is subject to change as refinements are made to processes.

Fresno Slough Water District (IDCON-201920)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*1050*	21	0	0	14	1	0	0	179	1265
URB	0	0	*25*	0	0	0	0	0	0	0	25
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*24*	0	0	0	0	0	24
WAT	0	0	0	0	0	*2*	0	0	0	0	2
GRS	0	0	0	0	0	0	*0*	0	0	0	0
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	1050	46	0	24	16	1	0	0	179	1316

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

James I.D. - IDCON201950

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	205
Agriculture to Unknown	153
Agriculture to Natural	6
Natural to Agriculture	4
Natural to Urban	1
Natural to Unknown	0
Urban to Natural	0
No Change	26066
Total Acreage	26435

James Irrigation District (IDCON-201950)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*25736*	205	0	0	6	0	0	0	153	26100
URB	0	0	*207*	0	0	0	0	0	0	0	207
BAR	0	0	0	*0*	0	0	1	0	0	0	1
WET	0	2	0	0	*26*	0	0	0	0	0	28
WAT	0	0	0	0	0	*51*	0	0	0	0	51
GRS	0	1	1	0	0	0	*45*	0	0	0	47
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	25739	413	0	26	57	46	0	0	153	26434

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Laguna W.D. - IDCON201970

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	462
Total Acreage	462

Note: This data is subject to change as refinements are made to processes.

Laguna Water District (IDCON-201970)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*451*	0	0	0	0	0	0	0	0	451
URB	0	0	*0*	0	0	0	0	0	0	0	0
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*3*	0	0	0	0	0	3
WAT	0	0	0	0	0	*0*	0	0	0	0	0
GRS	0	0	0	0	0	0	*4*	0	0	0	4
SHB	0	0	0	0	0	0	0	*3*	0	0	3
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	451	0	0	3	0	4	3	0	0	461

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Mercy Springs W.D. - IDCON201980

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	3589
Total Acreage	3589

Note: This data is subject to change as refinements are made to processes.

Mercy Springs Water District (IDCON-201980)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*3467*	0	0	0	0	0	0	0	0	3467
URB	0	0	*2*	0	0	0	0	0	0	0	2
BAR	0	0	0	*40*	0	0	0	0	0	0	40
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*75*	0	0	0	0	75
GRS	0	0	0	0	0	0	*4*	0	0	0	4
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*1*	1
Total	0	3467	2	40	0	75	4	0	0	1	3589

Habitat Totals Existing in 2000 (acres)

Habitat Totals in 1993 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Oro Loma W.D. - IDCON202010

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	1096
Total Acreage	1096

Note: This data is subject to change as refinements are made to processes.

Oro Loma Water District (IDCON-202010)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*1090*	0	0	0	0	0	0	0	0	1090
URB	0	0	*4*	0	0	0	0	0	0	0	4
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*1*	0	0	0	0	1
GRS	0	0	0	0	0	0	*1*	0	0	0	1
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	1090	4	0	0	1	1	0	0	0	1096

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Pajaro Valley WMA (IDCON-203160)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*40422*	0	0	0	0	0	0	0	0	40422
URB	0	0	*7022*	0	0	0	0	0	0	0	7022
BAR	0	0	0	*938*	0	0	0	0	0	0	938
WET	0	0	0	0	*937*	0	0	0	0	0	937
WAT	0	0	0	0	0	*464*	0	0	0	0	464
GRS	0	0	0	0	0	0	*7356*	0	0	0	7356
SHB	0	0	0	0	0	0	0	*5702*	0	0	5702
WDL	0	0	0	0	0	0	0	0	*11307*	0	11307
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	40422	7022	938	937	464	7356	5702	11307	0	74148

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/2/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Westlands W.D. - IDCON-203220

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	263
Agriculture to Unknown	19232
Agriculture to Natural	2375
Natural to Agriculture	692
Natural to Urban	16
Natural to Unknown	468
Urban to Natural	0
No Change	582509
Total Acreage	605555

Note This data is subject to change as refinements are made to processes

Westlands Water District (IDCON-203220)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*608*	0	47	0	0	0	0	0	0	0	655
AG-I	0	*562394*	216	0	29	0	2044	302	0	19232	584217
URB	0	0	*7240*	0	0	0	0	0	0	0	7240
BAR	0	0	8	*25*	0	0	275	0	0	0	308
WET	0	0	0	0	*441*	0	0	0	0	60	501
WAT	0	0	0	0	0	*1077*	0	0	0	0	1077
GRS	0	692	7	0	0	0	*5910*	0	11	407	7027
SHB	0	0	0	0	0	0	78	*2942*	0	0	3020
WDL	0	0	0	0	0	0	0	0	*1508*	0	1508
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	608	563086	7518	25	470	1077	8307	3244	1519	19699	605553

Habitat Totals Existing in 2000 (acres)

Habitat Totals in 1993 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Santa Clara Valley - IDCON-202845

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	812
Agriculture to Unknown	0
Agriculture to Natural	30
Natural to Agriculture	0
Natural to Urban	546
Natural to Unknown	0
Urban to Natural	6
No Change	834211
Total Acreage	835605

Note This data is subject to change as refinements are made to processes

Santa Clara Valley Water District (IDCON-202845)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*60815*	812	0	0	0	30	0	0	0	61657
URB	0	0	*183429*	0	0	0	6	0	0	0	183435
BAR	0	0	0	*1601*	0	0	0	0	0	0	1601
WET	0	0	0	0	*3118*	0	0	0	0	0	3118
WAT	0	0	0	0	0	*16665*	0	0	0	0	16665
GRS	0	0	535	0	0	0	*199674*	0	0	0	200209
SHB	0	0	0	1	0	0	8	*108189*	0	0	108198
WDL	0	0	11	0	0	0	0	0	*260711*	0	260722
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	60815	184787	1602	3118	16665	199718	108189	260711	0	835605

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/2/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

Patterson W.D. - IDCON202040

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	8
Agriculture to Unknown	0
Agriculture to Natural	13
Natural to Agriculture	0
Natural to Urban	10
Natural to Unknown	0
Urban to Natural	0
No Change	13754
Total Acreage	13785

Note This data is subject to change as refinements are made to processes

Landcover/Landuse Change (1993-2000, acres)
Patterson W.D. IDCON-202040

2000 CVHM LANDCOVER/LANDUSE

1993 CVHM LANDCOVER/LANDUSE

	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	0	0	0	0	0	0	0	0	0	0	0
AG-I	0	13564	8	0	0	0	10	0	2	0	13584
URB	0	0	127	0	0	0	0	0	0	0	127
BAR	0	0	0	2	0	0	0	0	0	0	2
WET	0	0	0	0	0	0	0	0	0	0	0
WAT	0	0	0	0	0	4	0	0	0	0	4
GRS	0	0	10	0	0	0	48	0	0	0	58
SHB	0	0	0	0	0	0	0	0	0	0	0
WDL	0	0	0	0	0	0	0	0	10	0	10
UNK	0	0	0	0	0	0	0	0	0	0	0
Total	0	13564	145	2	0	4	58	0	12	0	13785

1993

2000

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
SHB - Shrubland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland
WET - Wetland

3/14/2003

Note: This data is subject to change as refinements are made to processes.

Plain View W.D. - IDCON202050

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	135
Agriculture to Unknown	0
Agriculture to Natural	2
Natural to Agriculture	0
Natural to Urban	96
Natural to Unknown	0
Urban to Natural	0
No Change	6911
Total Acreage	7144

Note This data is subject to change as refinements are made to processes

Plainview Water District (IDCON-202050)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*5596*	135	0	0	0	2	0	0	0	5733
URB	0	0	*442*	0	0	0	0	0	0	0	442
BAR	0	0	26	*74*	0	0	0	0	0	0	100
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*18*	0	0	0	0	18
GRS	0	0	70	0	0	8	*772*	0	0	0	850
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	5596	673	74	0	26	774	0	0	0	7143

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
SHB - Shrubland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland
WET - Wetland

Reclamation District 1606 - IDCON202070

USBR/FWS Central Valley Habitat Monitoring program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	30
Agriculture to Natural	0
Natural to Agriculture	13
Natural to Urban	0
Natural to Unknown	4
Urban to Natural	0
No Change	313
Total Acreage	360

Note: This data is subject to change as refinements are made to processes.

Reclamation District 1606 (IDCON-202070)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*270*	0	0	0	0	0	0	0	30	300
URB	0	0	*0*	0	0	0	0	0	0	0	0
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*39*	0	0	0	0	4	43
WAT	0	0	0	0	0	*3*	0	0	0	0	3
GRS	0	13	0	0	0	0	*1*	0	0	0	14
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	283	0	0	39	3	1	0	0	34	360

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

San Joaquin Valley National Cemetery
IDCON 202095

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	325
Total Acreage	325

Note: This data is subject to change as refinements are made to processes.

Vet. Affairs San Joaquin National Cemetery (IDCON-202095)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

Habitat Type Existing in 2000

Habitat Type in 1993	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
AG-D	*0*	0	0	0	0	0	0	0	0	0	0
AG-I	0	*0*	0	0	0	0	0	0	0	0	0
URB	0	0	*3*	0	0	0	0	0	0	0	3
BAR	0	0	0	*0*	0	0	0	0	0	0	0
WET	0	0	0	0	*0*	0	0	0	0	0	0
WAT	0	0	0	0	0	*0*	0	0	0	0	0
GRS	0	0	0	0	0	0	*321*	0	0	0	321
SHB	0	0	0	0	0	0	0	*0*	0	0	0
WDL	0	0	0	0	0	0	0	0	*0*	0	0
UNK	0	0	0	0	0	0	0	0	0	*0*	0
Total	0	0	3	0	0	0	321	0	0	0	324

Habitat Totals in 1993 (acres)

Habitat Totals Existing in 2000 (acres)

Note 1: This data is subject to change as refinements are made to processes.

3/1/2004

AG-D - Agriculture (Dryland)
AG-I - Agriculture (Irrigated)
BAR - Barren
GRS - Grassland
SHB - Shrubland
UNK - Unknown
URB - Urban areas
WAT - Water
WDL - Woodland
WET - Wetland

Note 2: The habitat types in this matrix are based on groupings of the WHR classification (Meyer et.al.,1988).

Note 3: Italics indicate Habitat acres with no change.

The West Side I.D. - IDCON202120

USBR/FWS Central Valley Habitat Monitoring Program

Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	147
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	6832
Total Acreage	6979

Note: This data is subject to change as refinements are made to processes.