The West Side Irrigation District (IDCON-202120) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

		Total	0	6292	687	0	0	0	0	0	0	0	6269	at types in this	in groupings of	in family income		cate nabitat ige.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		acres with no change.	
	3	WDL	0	0	0	0	0	0	0	0	0	0	0					0	
		SHB	0	0	0	0	0	0	0	0	0	0	0	1		_	eas		р
0000		GRS	0	0	0	0	0	0	0	0	0	0	0	00 (acres,		Unknown	Jrban areas	Water	Woodland
Habitat Type Existing in 2000		WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - 1	URB - 1	WAT -	WDL - \
at Type E		WET	0	0	0	0	0	0	0	0	0	0	0	otals Exis		land)	gated)	=	
Habit		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 1		Agriculture (Dryland)	Agriculture (Irrigated)		pui
		URB	0	147	289	0	0	0	0	0	0	0	834				Agricul	Barren	Grassland
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AG-I	0	6145	0	0	0	0	0	0	0	0	6145			AG-D -	AG-I	BAR -	GRS -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	of tooking as	ments are made				
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4: This data is subject to	change as refinements are made	to processes.		3/1/2004	
25	E991 ni sqyT JejideH																		

Coelho Family Trust IDCON202130

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	167
Agriculture to Natural	49
Natural to Agriculture	2
Natural to Urban	0
Natural to Unknown	29
Urban to Natural	0
No Change	3253
Total Acreage	3500

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Coehlo Family Trust (IDCON-202130)

AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK TO BAG-I URB BAR WET WAT GRS SHB WDL UNK TO BAG-I URB BAR WET WAT GRS SHB WDL UNK TO BAG-I O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Γ				~	_		<u> </u>	~	_	_	_			Jis.	s of			<u>.</u>	
AG-D AG-I URB BAR WET WAT GRS SHB WDL O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Total	0	2398	0	J	422	93	587	0	0	O	3200	itat types in th	on groupings	adam) inches		idicate nabita ange.	
AG-D AG-I URB BAR WET WAT GRS SHB WDL GRS			UNK	0	167	0	0	23	9	0	0	0	0	196	Note 2: The hab	matrix are based	et.al.,1988).		Note 3: Italics In acres with no cha	
AG-D AG-I URB BAR WET WAT GRS SHB AG-I 0 0 0 0 0 0 0 0 AG-I 0 0 0 0 0 0 0 AG-I 0 0 0 0 0 0 0 AG-I 0 0 0 0 0 0 0 BAR 0 0 0 0 0 0 0 WET 0 0 0 0 0 0 WAT 0 0 0 0 0 0 0 WAT 0 0 0 0 0 0 0 WAT 0 0 0 0 0 0 0 0 WDL 0 0 0 0 0 0 0 0 Note 1: This date is subject to to processes. AG-D - Agriculture (Irrigated) URB - Urban areas and and assubance of the BAR - Barren WAT - WAT - Woodland AG-D - Agriculture (Irrigated) URB - Urban areas AG-D - Agriculture (Irrigated) URB - Urban areas WAT - Woodland		42	WDL	0	0	0	0	0	0	0	0	0	0	0						
AG-D AG-I URB BAR WET WAT GRS AG-D 0 0 0 0 0 0 AG-D 0 0 0 0 0 AG-D 0 0 0 0 0 AG-I 0 0 0 0 0 0 AG-I 0 0 0 0 0 0 BAR 0 0 0 0 0 0 WET 0 0 0 0 0 0 WAT 0 0 0 0 0 0 SSS SHB 0 0 0 0 0 0 0 WDL 0 0 0 0 0 0 0 WDL 0 0 0 0 0 0 0 WDL 0 0 0 0 0 0 0 AG-I 1 Ris data is subject to change as refinements are made to processes. AG-D - Agriculture (Irrigated) UNK - Unknow AG-I - Agriculture (Irrigated) URB - Urban and AG-I - Agriculture (Irrigated) URB - Urban and AG-I - Agriculture (Irrigated) URB - Urban and AG-I - Agriculture (Irrigated) WAT - Water GRS - Grassland WDL - Woodlar				0	0	0	0	0	0	0	0	0	0	0			_	eas		Þ
AG-D AG-I URB BAR WET WAT AG-D 0 0 0 0 0 0 AG-D 0 0 0 0 0 0 AG-D 0 0 0 0 0 0 URB 0 0 0 0 0 0 0 BAR 0 0 0 0 0 0 WAT 0 0 0 0 0 0 0 SHB 0 0 0 0 0 0 0 SHB 0 0 0 0 0 0 0 UNK 0 0 0 0 0 0 0 Total 0 2184 0 0 437 87 Note 1: This data is subject to. Change as refinements are made to processes. AG-D - Agriculture (Irrigated) URB - AG-I - Agriculture (Irrigated) URB - AG-I - Agriculture (Irrigated) WAT - AG-I - A	200			0	0	0	0	11	0	585	0	0	0	296	00 (acres,		Jnknowr	Jrban ar	Nater	Noodlan
AG-D AG-I URB E AG-D AG-I URB E AG-I URB E AG-I URB E AG-I URB E BAR 0 0 0 0 WAT 0 0 0 0 GRS 0 2 0 0 SHB 0 0 0 0 WDL 0 0 0 0 UNK 0 0 0 0 0 Total 0 2184 0 Note 1: This data is subject to change as refinements are made to processes. AG-D - Agricult AG-I - Agricult	KISTING III 7			0	0	0	0	0	87	0	0	0	0	87	ting in 20			-	1	1
AG-D AG-I URB E AG-D AG-I URB E AG-I URB E AG-I URB E AG-I URB E BAR 0 0 0 0 WAT 0 0 0 0 GRS 0 2 0 0 SHB 0 0 0 0 WDL 0 0 0 0 UNK 0 0 0 0 0 Total 0 2184 0 Note 1: This data is subject to change as refinements are made to processes. AG-D - Agricult AG-I - Agricult	at type E.			0	49	0	0	388	0	0	0	0	0	437	Totals Exis		land)			
AG-D AG-I U AG-D AG-I U AG-D O 0 AG-I O 0 BAR 0 0 0 WAT 0 0 0 WAT 0 0 0 SHB 0 0 0 WDL 0 0 0 UNK 0 0 0 Total 0 2184 Note 1: This data is subject to change as refinements are made to processes. AG-D - AG-I U AG-	HADIL			0	0	0	0	0	0	0	0	0	0	0	Habitat i		ture (Dry	ture (Irrig		pue
AG-D			URB	0	0	0	0	0	0	0	0	0	0	0			Agricul	Agricul	Barren	Grassla
			AG-I	0	2182	0	0	0	0	2	0	0	0	2184			AG-D	AG-I	BAR -	GRS -
			AG-D	0	0	0	0	0	0	0	0	0	0	0	of tooiding of or	ments are made				
E991 ni sayt TsaidaH		-			_							WDL	UNK	Total	Note 1. This dat	change as refine	to processes.		3/1/2004	

City of Tracy - IDCON202135

USBR/FWS Central Valley Habitat Monitoring Program Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES	
Agriculture to Urban	1404	
Agriculture to Unknown	0	201
Agriculture to Natural	12	9*0
Natural to Agriculture	0	
Natural to Urban	107	
Natural to Unknown	0	
Urban to Natural	0	
No Change	7570	

Total Acreage

Tracy, City of (IDCON-202135)
Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

I				·	10		_	~	~	_	_	_	~	is	sof			=	
		Total	0	3766	5016	J	_	28	283	<u> </u>	J	J	606	itat types in th	on groupings	cauon (meye		olicate nabita ange.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics Indicate Habitat acres with no change.	
		WDL	0	0	0	0	0	0	0	0	0	0	0		- •		•	_ 10	
		SHB	0	0	0	0	0	0	0	0	0	0	0				sas		0
2000		GRS &	0	0	0	0	0	0	176	0	0	0	176	Habitat Totals Existing in 2000 (acres)		Unknown	Urban areas	Water	Woodland
Habitat Type Existing in 2000		WAT	0	12	0	0	0	28	0	0	0	0	40	ting in 20		UNK - L	URB - (WAT -	WDL -
at Iype E		WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		/land)	gated)		
Habli		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
		URB	0	1404	5016	0	0	0	107	0	0	0	6527			- Agricul	Agricu	Barren	Grassland
		AG-I	0	2350	0	0	0	0	0	0	0	0	2350			AG-D	AG-I	BAR -	GRS -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	of equipment of or	change as refinements are made				
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4. This date is subject to	change as refine	to processes.		3/1/2004	
	EQQ1 ni 9qyT JetideH																		

Tranquillity I.D. - IDCON202140

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	69
Agriculture to Unknown	842
Agriculture to Natural	0
Natural to Agriculture	1
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	9684
Total Acreage	10596

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Tranquillity Irrigation District (IDCON-202140)

		Total	0	10431	148	က	2	12	0	0	0	0	10596	at types in this on groupings fication ();
		UNK	0	842	0	0	0	0	0	0	0	0	842	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.
		MDL	0	0	0	0	0	0	0	0	0	0	0	
		SHB	0	0	0	0	0	0	0	0	0	0	0	eas Id
2000		GRS	0	0	0	3	1	0	0	0	0	0	4	<i>000 (acres)</i> Unknown Urban areas Water Woodland
Habitat Type Existing in 2000		WAT	0	0	0	0	0	11	0	0	0	0	11	Habitat Totals Existing in 2000 (acres) ure (Dryland) UNK - Unknown ure (Irrigated) URB - Urban are WAT - Water nd WDL - Woodlanc
at Type L		WET	0	0	0	0	1	0	0	0	0	0	-	<i>Totals Exis</i> land) gated)
Habit		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals L Agriculture (Dryland) Agriculture (Irrigated) Barren Grassland Shrubland
		URB	0	69	148	0	0	0	0	0	0	0	217	Ha Agriculture Agriculture Barren Grassland Shrubland
		AG-I	0	9520	0	0	0	1	0	0	0	0	9521	AG-D - AG-I - BAR - GRS - SHB -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to change as refinements are made to processes.
	Habitat Type in 1993													

Melvin Hughes - IDCON201940

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	1
Agriculture to Unknown	18
Agriculture to Natural	0
Natural to Agriculture	Ō
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	110
Total Acreage	1294

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Tranquillity PUD (formerly Hughes, Melvin) (IDCON-201940)

	Total	0	129	0	0	0	0	0	0	0	0	129	tat types in this iffication groupings is fification (ification 3). Idea Habitat mige.	
	UNK	0	18	0	0	0	0	0	0	0	0	18	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.	
	WDL	0	0	0	0	0	0	0	0	0	0	0		
	SHB	0	0	0	0	0	0	0	0	0	0	0	n reas	
2000	GRS	0	0	0	0	0	0	0	0	0	0	0	900 (acres) Unknown Urban areas Water Woodland	
Habitat Type Existing in 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres) ure (Dryland) UNK - Unknown ure (Irrigated) URB - Urban are WAT - Water nd WDL - Woodland	
tat Type I	WET	0	0	0	0	0	0	0	0	0	0	0	<i>Totals Exi</i> land) gated)	
Habi	BAR	0	0	0	0	0	0	0	0	0	0	0	Abitat Totals L Agriculture (Dryland) Agriculture (Irrigated) Barren Grassland Shrubland	
	URB	0	1	0	0	0	0	0	0	0	0	-	Hariculture Agriculture Barren Grassland	
	AG-I	0	110	0	0	0	0	0	0	0	0	110	AG-D - AG-I - BAR - GRS - SHB -	
	AG-D	0	0	0	0	0	0	0	0	0	0	0	a is subject to ments are i.es.	
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to change as refinements are made to processes.	
		2	66	11	ıj ə	dX_{I}	18	ijqe	H		-			

West Stanislaus I.D. - IDCON202180

USBR/FWS Central Valley Habitat Monitoring Program Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	49
Agriculture to Unknown	12
Agriculture to Natural	8
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	
Urban to Natural	0
No Change	22433
	E TORNE CONTROL OF

Total Acreage

West Stanislaus Irrigation District (IDCON-202180) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

	Total	0	22406	73	က	0	_	19	0	_	0	22503	itat types in this	on groupings	sincation	g).	dinoto Libitot	ange.		
	UNK	0	12	0	0	0	0	0	0	0	0	12	Note 2: The habitat types in this	matrix are based on groupings	or the WHIN classification	(Meyer et.al.,1988).	Note 9. Italian indicate Unhitat	acres with no change.		
	WDL	0	0	0	0	0	0	0	0	1	0	1								
	SHB	0	0	0	0	0	0	0	0	0	0	0	1.			_	eas		р	
2000	GRS	0	8	0	0	0	0	19	0	0	0	27	000 (acres		,	Unknown	Urban areas	Water	Woodland	Wetland
xisting in	WAT	0	0	0	0	0	1	0	0	0	0	-	ting in 20			NNK ' I	URB - 1	1	WDL - \	WET - 1
Habitat Type Existing in 2000	WET	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)			land)	gated)			
Habit	BAR	0	0	0	3	0	0	0	0	0	0	3	Habitat 1			Agriculture (Dryland)	Agriculture (Irrigated)		pur	pui
	URB	0	49	73	0	0	0	0	0	0	0	122			1	Agricult	Agricul	Barren	Grassland	Shrubland
	AG-I	0	22337	0	0	0	0	0	0	0	0	22337				AG-D	AG-I	BAR -	GRS -	SHB -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of troiding of o	ments are	es.					
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4: This date is embined to	change as refinements are	made to processes.	•		3/1/2004		
		2	66	11	ıj ə	$d\chi$	<i>Je.</i>	jįqe	H											

Widren W.D. - IDCON202192

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	881

Total Acreage

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Widren Water District (IDCON-202192)

	Total	0	782	0	0	84	15	0	0	0	0	881	tat types in this on groupings in this iffication 3). Ideate Habitat inge.
	UNK	0	0	0	0	0	0	0	0	0	0	0	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.
	WDL	0	0	0	0	0	0	0	0	0	0	0	
	SHB	0	0	0	0	0	0	0	0	0	0	0	رار و eas
2000	GRS	0	0	0	0	0	0	0	0	0	0	0	ting in 2000 (acres) JNK - Unknown JRB - Urban areas NAT - Water NDL - Woodland NET - Wetland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	15	0	0	0	0	15	Habitat Totals Existing in 2000 (acres) ure (Dryland) UNK - Unknown ure (Irrigated) URB - Urban are WAT - Water nd WDL - Woodland
tat Type I	WET	0	0	0	0	84	0	0	0	0	0	84	<i>Totals Exi</i> land) gated)
Habi	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals I Agriculture (Dryland) Agriculture (Irrigated) Barren Grassland Shrubland
	URB	0	0	0	0	0	0	0	0	0	0	0	Hariculture Agriculture Agriculture Barren Grassland Shrubland
	AG-I	0	782	0	0	0	0	0	0	0	0	782	AG-D - AG-I - BAR - GRS - SHB -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	ta is subject to aments are ses.
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to change as refinements are made to processes.
		2	66	11	ıj ə	dλ]	10.	nge	H				

Lewis Creek W. D. IDCON202420

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	1297
Total Acreage	1297

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Lewis Creek Water District (IDCON-202420)

	П		0	3	24	0	0	0	0	0	0	0	1	this	igs of	į	3	ğ	
		Total		1273	N								1297	itat types in	on groupin	Tall Indian		dicate naur ange.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
		WDL	0	0	0	0	0	0	0	0	0	0	0						
		SHB	0	0	0	0	0	0	0	0	0	0	0	(_	eas		þ
2002		GRS	0	0	0	0	0	0	0	0	0	0	0	00 (acres,		Unknown	Urban areas	Water	Woodland
Habitat Type existing in 2000		WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - I	URB - I	WAT -	WDL -
at type E		WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		(land)	gated)		
Habii		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
		URB	0	0	24	0	0	0	0	0	0	0	24			Agricul	Agricul	Barren	Grassland
		AG-I	0	1273	0	0	0	0	0	0	0	0	1273			AG-D	AG-I	BAR -	GRS -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	o is subject to	change as refinements are made				
			AG-D	AG-I	URB	BAR	WET				WDL	UNK	Total	Note 1: This data is subject to	change as refine	to processes.		3/1/2004	
				260	51	uļ a	$d\lambda$	[]E	njqu	PH									

SACRAMENTO RIVER DIVISION

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

- Ielmi Industrial	0	0	0	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162	
N.																				
nediu . leimen	11	0	13	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	27	
.sp.	0	0	0	0	0	0	0	0	0	0		0	0	0	0	147	0	0	148	
Del Coller	%60'0-	1.29%	-0.55%	1.73%	%00.0	%00.0	%00.0	%00.0	0.46%	%00.0	-0.05%	%00.0	%00.0	%00.0	%00.0	-0.48%	%00.0	%00.0	0.38%	
Marinal Loss of Percent of Ooo		9.74%	-2.56%	27.88%	%00.0	%00.0	%00.0	%00.0	21.61%	%00.0	-0.15%	%00.0	%00.0	%00.0	0.00%	-12.37%	%00.0	%00.0	3.01%	
1947 Natural	0	38	0	957	0	0	0	0	43	0	0	0	0	0	0	0	0	0	1038	
1993.20cher	11	0	13	162	0	0	0	0	0	0	-	0	0	0	0	150	0	0	337	
Tellidoover	1675	428	495	3646	232	0	132	13754	242	20	661	385	10	0	0	1063	1279	0	24022	
Natural 1993	1686	390	208	2851	232	0	132	13754	199	20	662	385	10	0	0	1213	1279	0	23321	
WSA ACRES		2935	2371	45842	613	1016	10757	17581	9421	1975	1992	16519	1151	1471	282	31302	17716	8241	184119	
JWWW ARW	90 Corning W.D.	202720 Proberta W.D.	202740 Thomes Creek W.D.	202770 Colusa County W.D.	202775 Cortina W.D.	202776 Davis W.D.(TC)	202778 Dunnigan W.D.	202779 Four-M W.D.	202780 Glide W.D.	202782 Glenn Valley W.D.	202786 Holthouse W.D.	202790 Kanawa W.D.	202800 Kirkwood W.D.	202810 La Grande W.D.	202815 Myers Marsh	202820 Orland-Artois W.D.	202834 Westside W.D.	202890 Feather W.D.	Carried South	11/5/03
IDCON*	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202	Total	11/

Corning W.D. IDCON-202690

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	66
Agriculture to Unknown	0
Agriculture to Natural	0
Noticed to Apriculture	0
Natural to Agriculture	<u>U</u>
Natural to Urban	11
Natural to Unknown	0
Urban to Natural	0
No Change	12857
	and the same of th
Total Acreage	12934

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Corning Water District (IDCON-202690)

Γ		136	12	125	92	0	14	رئ ر	0	27	0	7	ı this	ngs of	ī	7	leji	
	Total	13	10987	12	_			1345		251		12934	oitat types ii	d on groupir			iolicate nab lange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	3	note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	251	0	251						
	SHB	0	0	0	0	0	0	0	0	0	0	0				sas		70
2002	GRS	0	0	0	0	0	0	1334	0	0	0	1334	Habitat Totals Existing in 2000 (acres)		Unknown	Urban areas	Water	Woodland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	14	0	0	0	0	14	sting in 20		UNK -	URB -	WAT -	WDL -
at Type t	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exi		/land)	gated)		
Habli	BAR	0	0	0	92	0	0	0	0	0	0	9/	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
	URB	0	99	125	0	0	0	11	0	0	0	202			Agricul	Agricul	Barren	Grassland
	AG-I	0	10921	0	0	0	0	0	0	0	0	10921			AG-D -	AG-I -	BAR -	GRS -
	AG-D	136	0	0	0	0	0	0	0	0	0	136	of toolding at	ments are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4: This data is subject to	change as refinements are made	to processes.		3/1/2004	
			260	51	uį a									mer Talle				

Proberta W.D. IDCON-202720

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	4
Agriculture to Unknown	0
Agriculture to Natural	38
Natural to Agriculture	0 .
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	2893
Total Acreage	2935

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Proberta Water District (IDCON-202720)

	Total	0	2532	13	0	0	0	334	0	26	0	2935	es in this	o sbuidne	(Meyer		100	naoitat	
			2					_		_		_	abitat typ	ed on gro	SITICATION			change.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	the WHK classification (Meyer	Gr.al., 1900).	9	acres with no change.	
	WDL	0	0	0	0	0	0	0	0	99	0	99	*						
	SHB	0	0	0	0	0	0	0	0	0	0	0					sas		0
2000	GRS 8	0	38	0	0	0	0	334	0	0	0	372	Habitat Totals Existing in 2000 (acres)		-	Unknown	Jrban areas	Water	Woodland
Habitat Type Existing In ZUUU	WAT	0	0	0	0	0	0	0	0	0	0	0	ting in 20			ONK - C	URB - (WAT -	WDL -
at Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		4	land)	gated)		
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Ć	Agriculture (Dryland)	Agriculture (Irrigated)		pue
	URB	0	4	13	0	0	0	0	0	0	0	17				Agriculi	Agricul	Barren	Grassland
	AG-I	0	2490	0	0	0	0	0	0	0	0	2490				4G-D -	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of the city of the	nents are made		3			
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL [UNK	Total	Note 4: This date is subject to	change as refinements are made	to processes.			3/1/2004	
			260		_		-												

Thomes Creek W.D. IDCON-202740

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	38
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	13
Natural to Unknown	0
Urban to Natural	0
No Change	2320
Total Acreage	2371
. 5.5 7.51 04.90	2000全位,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Thomes Creek Water District (IDCON-202740)

	Total	0	1848	15	22	0	0	466	0	20	0	2371	types in this	groupings of	ion (meyer		ate Habitat le.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	one whith classification (meyer et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
	WDL L	0	0	0	0	0	0	0	0	20	0	20	N	Ë	et m		a So	
	SHB V	0	0	0	0	0	0	0	0	0	0	0				as		
200	GRS S	0	0	0	0	0	0	453	0	0	0	453	O (acres)		Inknown	Jrban areas	Water	Woodland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		INK -	-	WAT - V	WDL - V
t Iype EX	WET	0	0	0	0	0	0	0	0	0	0	0	tals Existi			_		>
Habita	BAR V	0	0	0	22	0	0	0	0	0	0	22	Habitat To		Agriculture (Dryland)	Agriculture (Irrigated)		ρι
	URB E	0	38	15	0	0	0	13	0	0	0	99			Agriculti	Agricult	Barren	Grassland
	AG-I	0	1810	0	0	0	0	0	0	0	0	1810			AG-D	4G-I -	BAR -	SRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of positive ri	rents are made		•	ш	_
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 4. This data is subject to	change as refinements are made	to processes.		3/1/2004	

Colusa County W.D. IDCON-202770

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	22
Agriculture to Unknown	0
Agriculture to Natural	957
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	162
Urban to Natural	0
No Change	44700
Total Acreage	45841

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Colusa County Water District (IDCON-202770)

		<u>ta</u>	0	49566	593	25	0	948	3076	48	292	0	54548	s in this	Meyer	a familia		labitat	
		Total		496	4,			·	8				\vdash	abitat type	ed on grou			indicate r hange.	
		UNK	0	0	0	0	0	0	365	0	0	0	365	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
	E .	WDL	0	0	0	0	0	0	0	0	292	0	292						
			0	0	0	0	0	0	0	48	0	0	48				S		
		SHB												(sa		N	area		and
7007		GRS	0	0	0	0	0	0	2711	0	0	0	2711	000 (acr		Unknown	Urban areas	Water	Woodland
XISTING IN		WAT	0	0	0	0	0	935	0	0	0	0	935	ting in 20		UNK -	URB -	WAT -	WDL -
Habitat Type Existing In ZUUU		WET	0	1532	0	0	0	0	0	0	0	0	1532	Habitat Totals Existing in 2000 (acres)		and)	lated)		
Habit		BAR	0	0	0	25	0	0	0	0	0	0	25	Habitat 7		ure (Dry	ure (Irrig		рı
		URB E	0	22	593	0	0	0	0	0	0	0	615			Agriculture (Dryland)	Agriculture (Irrigated)	Barren	Grassland
		AG-I	0	48012	0	0	0	13	0	0	0	0	48025			1	AG-I -	BAR -	GRS -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	is enhibed to	nents are made				
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1. This data is surhiard to	change as refinements are made	to processes.		3/1/2004	
•				860	51														

CORTINA W.D. IDCON202772

DESCRIPTION		TOTAL ACRES
Agriculture to Urban		0
Agriculture to Unknown	· Say	0
Agriculture to Natural		0
Natural to Agriculture		0
Natural to Urban		0
Natural to Unknown		0
Urban to Natural		0
No Change		613
Total Acreage		613

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Cortina Water District (IDCON-202772)

	<u>m</u>	0	381	0	0	0	0	232	0	0	0	613	in this	oings of			abitat	
	Total		ń					2				9	oitat types	d on group			ndicate Ha	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0			_	eas		7
3	GRS	0	0	0	0	0	0	232	0	0	0	232	00 (acres,		Unknown	Jrban areas	Water	Woodland
Habitat Type Laisting III 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - L	URB - L	WAT - \	
מו ואמב די	WET	0	0	0	0	0	0	0	0	0	0	0	otals Exis		land)	jated)		
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 1		Agriculture (Dryland)	Agriculture (Irrigated)		70
	URB	0	0	0	0	0	0	0	0	0	0	0			Agricult	Agricul	Barren	Croonland
	AG-I	0	381	0	0	0	0	0	0	0	0	381			AG-D	AG-I -	BAR -	000
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of tooiding of	nents are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4. This data is subject to	change as refinements are made	to processes.		3/1/2004	

Davis W.D. (TC) IDCON-202776

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	1016

Total Acreage

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Davis Water District (IDCON-202776)

	ā	0	1016	0	0	0	0	0	0	0	0	1016	s in this	do sgnida			abitat	
	Total		7					_				1(abitat type	ed on grou			Indicate n hange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	3	Note 3: Italics indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0				eas		Р
2000	GRS 8	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		Unknown	Urban areas	Water	Woodland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	sting in 20		UNK -	1	WAT -	1
tat Type L	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exi		yland)	gated)		
Habi	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)	_	and
	URB	0	0	0	0	0	0	0	0	0	0	0			- Agricul	Agricu	Barren	Grassland
	AG-I	0	1016	0	0	0	0	0	0	0	0	1016			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	o e enhiore to	ments are made				
	to the who	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1. This data is subject to	change as refinements are made	to processes.		3/1/2004	
•			860															

Dunnigan W.D. IDCON - 202778

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
ratal to reproductio	U
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	•
Cioan to Maturai	0
No Change	10757
Total Acreage	10757
	THE RESERVE AND THE PROPERTY OF THE PARTY OF

Landcover/Landuse Change (1993-2000, acres) Dunnigan W.D. IDCON-202778

	_							-0	0 1				
		Total	9	10484	135	0	C	, =	87		34	, 0	10757
		UNK	0	0	0	0	0	0	0	0	0	C	0
		WDL	0	0	0	0	0	0	0	0	34	0	34
		SHB	0	0	0	0	0	0	0	0	0	0	0
NDUSE		GRS	0	0	0	0	0	0	87	0	0	0	87
/ER/LAN		WAT	0	0	0	0	0	7	0	0	0	0	1
NDCO\		WET	0	0	0	0	0	0	0	0	0	0	0
2000 CVHM LANDCOVER/LANDUSE		BAR	0	0	0	0	0	0	0	0	0	0	0
2000 C		URB	0	0	135	0	0	0	0	0	0	0	, 135
		AG-I	0	10484	0	0	0	0	0	0	0	0	10484
		AG-D AG-I	0	0	0	0	0	0	0	0	0	0	9
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total

1993 CVHM LANDCOVER/LANDUSE

URB - Urban areas UNK - Unknown

Agriculture (Irrigated) - Agriculture (Dryland)

- Water WAT

Woodland WDL

Grassland Shrubland

GRS BAR

Barren

- Wetland WET

Note: This data is subject to

6/3/2003

AG-D AG-I

Four-M W.D. IDCON202779

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	17581
Total Acreage	17581

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) 4-M Water District (IDCON-202779)

	Total	0	1866	0	0	0	16	4368	277	9093	0 0	15620	Note 2: The habitat types in this	matrix are based on groupings of	the WHK classification (Meyer et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
	CNK		0		0	_)		Note 2: The	matrix are ba	et.al.,1988).		Note 3: Italics indicate acres with no change.	
	WDL	0	0	0	0	0	0	0	0	9093	0	9093						
	SHB	0	0	0	0	0	0	0	277	0	0	277	_			eas		7
2000	GRS	0	0	0	0	0	0	4368	0	0	0	4368	Habitat Totals Existing in 2000 (acres)		Inknown	Urban areas	Water	Modera
Habitat Type Existing In 2000	WAT	0	0	0	0	0	16	0	0	0	0	16	ting in 20		INK		1	
at Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Fotals Exis		(bue)	gated)		
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		700
	URB	0	0	0	0	0	0	0	0	0	0	0			Agricul	Agricul	Barren	Crossland
	AG-I	0	1866	0	0	0	0	0	0	0	0	1866			4G-D	AG-I -	BAR -	000
	AG-D	0	0	0	0	0	0	0	0	0	0	0	is embloot to	ments are made			_	
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 1. This data is subject to	change as refinements are made	to processes.		3/1/2004	

Glide W.D. IDCON - 202780

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	3
Agriculture to Unknown	43
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	. 0
Urban to Natural	0
No Change	9375
Total Acreage	9421

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Glide Water District (IDCON-202780)

Γ	_	0	2	0	0	0	0	66	0	0	0	21	n this	ngs of	3		iliai Mai	
	Total		9222					15				9421	itat types i	on groupii		1	orcare man ange.	
	UNK	0	43	0	0	0	0	0	0	0	0	43	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		note 5. natics indicate habital acres with no change.	
*	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0				eas		р
2000	GRS	0	0	0	0	0	0	199	0	0	0	199	00 (acres)		Unknown	Jrban areas	Water	Woodland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - 1	URB - 1	WAT - \	WDL - \
at Type E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		rland)	gated)		
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
	URB	0	3	0	0	0	0	0	0	0	0	3			Agricul	Agricul	Barren	Grassland
	AG-I	0	9176	0	0	0	0	0	0	0	0	9176			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of societies of	nents are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 4: This date is subject to	change as refinements are made	to processes.		3/1/2004	
_			-		uį a	_	A STATE OF THE PARTY OF THE PAR		Name and Address of the Owner, where the Owner, which is the Own					_	-			

Glenn Valley W.D. IDCON202782

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	1975
Total Acreage	1975

Glenn Valley Water District (IDCON-202782) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

	a	0	1955	0	0	0	0	20	0	0	0	1975	s in this	pings of	Meyer	j	apitat	
	Total		15		_			_				18	bitat type	d on grou			Indicate H hange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0			_	eas		p
200	GRS	0	0	0	0	0	0	20	0	0	0	20	20 (acres,		Unknown	Jrban areas	Water	Woodland
nabital Type Existing III 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - L	URB - L	WAT - \	WDL - \
al Iype E.	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		land)	gated)		
IIGPLI	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		pue
	URB	0	0	0	0	0	0	0	0	0	0	0			Agricul	Agricul	Barren	Grassland
	AG-I	0	1955	0	0	0	0	0	0	0	0	1955			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of tooiding of	nents are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	ONK	Total	Note 4. This date is subject to	change as refinements are made	to processes.		3/1/2004	
				51	uļ a													

Holthouse W.D. IDCON202786

DESCRIPTION	TOTAL	ACRES
Agriculture to Urban		0
Agriculture to Unknown		0
Agriculture to Natural		0
Natural to Agriculture		1
Natural to Urban		0
Natural to Unknown		0
Urban to Natural		0
No Change		1992
Total Acreage		1993

Holthouse Water District (IDCON-202786) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

| Total | 0 | 7 | 0
 | 0

 | 0
 | 0
 | CI

 | 0
 | | 0
 | m | _
 | S | 3
 | | Ħ |
 |
|-------|----------------------------------|--
--
--
--

--
--
--

--
--
--
--|---
--

---|--
---|--|--|
| To | | 1331 |
 |

 |
 |
 | 662

 | J
 | _ |)
 | 1993 | itat types in t
 | on grouping |
 | | dicate Habita
ange. |
 |
| UNK | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 | Note 2: The habitat types in this
 | matrix are based on groupings of | et.al.,1988).
 | | Note 3: Italics indicate acres with no change. |
 |
| WDL | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 |
 | |
 | | |
 |
| | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 |
 | | _
 | eas | | þ
 |
| | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 199

 | 0
 | 0 | 0
 | 661 | 00 (acres,
 | | Unknowr
 | Urban ar | Water | Woodland
 |
| WAT | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 | ting in 20
 | | UNK -
 | URB - | WAT - | WDL -
 |
| WET | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 | Totals Exis
 | | /land)
 | gated) | |
 |
| BAR | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 | Habitat
 | | ture (Dr)
 | Iture (Irri | 8 | and
 |
| URB | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 |
 | | - Agricul
 | Agricu | Barren | Grassland
 |
| AG-I | 0 | 1331 | 0
 | 0

 | 0
 | 0
 | 1

 | 0
 | 0 | 0
 | 1332 |
 | | AG-D
 | AG-I | BAR - | GRS -
 |
| AG-D | 0 | 0 | 0
 | 0

 | 0
 | 0
 | 0

 | 0
 | 0 | 0
 | 0 | of positions of ch
 | ments are made |
 | | |
 |
| | AG-D | AG-I | _
 |

 |
 |
 |

 |
 | WDL | UNK
 | Total | Moto 1. This dat
 | change as refine | to processes.
 | | 3/1/2004 |
 |
| | AG-I URB BAR WET WAT GRS SHB WDL | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 0 0 0 0 0 0 0 | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0 0 0 0 0 0 0 0 0 0 0
0 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td></td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0
 0 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB
 WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0
0 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0
 0 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0
 0 0 0</td></td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL 0</td> <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0</td></td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL 0 | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0
0 0</td></td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 0 </td <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0<!--</td--><td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-D 0 </td <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0
 0 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL
 AG-I 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0<td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td></td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 0 <td>AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0</td> | AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-I 0
 0 0 |

Kanawha W.D. IDCON-202790

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	15
Agriculture to Unknown	375
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
Natural to Unknown	. 0
Urban to Natural	0
No Change	16129
Total Acreage	1651.9

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Kanawha Water District (IDCON-202790)

Habitat Type Existing in 2000

	ş	0	CI.	OI.	C	0	_	4	C	0	0	6	this	ls of	ū	,	₩	
	Total		16022	112		Ŭ		384		_		16519	itat types in t	on grouping	cation (mey		dicate Habitz ange.	
	UNK	0	375	0	0	0	0	0	0	0	0	375	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
3	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0)		_	eas		р
2002	GRS	0	0	0	0	0	0	384	0	0	0	384	00 (acres		Unknown	Urban areas	Water	Woodland
Habitat Type existing in 2000	WAT	0	0	0	0	0	1	0	0	0	0	1	Habitat Totals Existing in 2000 (acres)		UNK -		WAT -	MDL -
at Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		(Jand)	gated)	í	
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		pue
	URB	0	15	112	0	0	0	0	0	0	0	127			Agricul	Agricul	Barren	Grassland
	AG-I	0	15632	0	0	0	0	0	0	0	0	15632			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	is enhined to	change as refinements are made				
		AG-D		URB				GRS		WDL	UNK	Total	Note 1: This data is subject to	change as refine	to processes.		3/1/2004	
- 15			260	51	uļ a	dX_{\perp}	[]E	pit	PH									

Kirkwood W.D. IDCON - 202800

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	1151
Total Acreage	1151

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Kirkwood Water District (IDCON-202800)

	_	0	Ξ.	0	0	0	0	0	0	0	0	7	n this	ngs of	syer		,	ig a	
	Total		1141					_				1151	oitat types ir	d on groupin	ication (Me			iange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	the WHR classification (Meyer	et.al.,1988).		acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0							
	SHB	0	0	0	0	0	0	0	0	0	0	0	,			_	eas		þ
2000	GRS	0	0	0	0	0	0	10	0	0	0	10	00 (acres		3	Unknown	Jrban areas	Water	Woodland
Habitat Type existing in 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)			ONK '	URB - 1	WAT -	WDL -
at Type E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis			/land)	gated)		
Habii	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat			Agriculture (Dryland)	Agriculture (Irrigated)		and
	URB	0	0	0	0	0	0	0	0	0	0	0				Agricul	Agricul	Barren	Grassland
3	AG-I	0	1141	0	0	0	0	0	0	0	0	1141				AG-D	AG-I -	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of toolding of	ments are made					
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 4: This data is subject to	change as refinements are made	to processes.			3/1/2004	
•					uļ a										-				

La Grande W.D. IDCON -202810

DESCRIPTION		TAL ACRES
Agriculture to Urban		0
Agriculture to Unknown	· ••	0
Agriculture to Natural		0
Natural to Agriculture	e a	0
Natural to Urban		0
Natural to Unknown		0
Urban to Natural		0
No Change		1471
Total Acreage		1471

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) La Grande Water District (IDCON-202810)

1			-										· ·	j o				
	Total	0	1471	0	0	0	0	0	0	0	0	1471	itat types in this	on groupings c	rational function		olicate Habitat ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics Indicate Habitat acres with no change.	
	MDL	0	0	0	0	0	0	0	0	0	0	0			. •		_ 10	
	SHB	0	0	0	0	0	0	0	0	0	0	0				as		~
000	GRS S	0	0	0	0	0	0	0	0	0	0	0	O (acres)		Unknown	Jrban areas	Water	Woodland
Habitat Type Existing In ZUUU	WAT	0	0	0	0	0	0	0	0	0	0	0	ing in 200		UNK - L	URB - L	WAT - V	WDL - V
it Iype Ex	WET	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)					
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 7		Agriculture (Dryland)	Agriculture (Irrigated)		pul
	URB	0	0	0	0	0	0	0	0	0	0	0			Agricult	Agricul	Barren	Grassland
	AG-I	0	1471	0	0	0	0	0	0	0	0	1471			AG-D -	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of thiod to	ments are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1. This data is subject to	change as refinements are made	to processes.		3/1/2004	
- 1			860	51	uj a	dX]] [njql	PH									

Myers Marsh Mutual Water Company IDCON202815

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	282
Total Acreage	282

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Myers-Marsh MWC (IDCON-202815)

		0	_	0	0	0	0	0	0	0	0	_	this l	sof	<u> </u>	9	Ħ	
	Total		221	09								281	itat types in t	d on grouping	Ication (Mey		idicate Habiti ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0	_		_	eas		р
2002	GRS	0	0	0	0	0	0	0	0	0	0	0	00 (acres,		Unknown	Jrban areas	Water	Woodland
Habital Type Existing In 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - I	_	WAT -	- NDM
al Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		land)	gated)	i	
HADIL	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		pue
	URB	0	0	09	0	0	0	0	0	0	0	09			Agricul	Agricul	Barren	Grassland
	AG-I	0	221	0	0	0	0	0	0	0	0	221			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	o is subject to	change as refinements are made				
	- 200	AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to	change as refine	to processes.		3/1/2004	
			860	51	uį a	dX	[]E	niqu	PH									

Orland-Artois W.D. IDCON-202820

USBR/FWS Central Valley Habitat Monitoring Program Land Cover Change Report 1993 - 2000

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	32
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	146
Natural to Urban	3
Natural to Unknown	0
Urban to Natural	0
No Change	31118
	AND IN THE COMPANY OF

Total Acreage

Orland-Artois Water District (IDCON-202820) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

			7	7	0	12	_	2	3	0	82	0	7	this	gs of	Je.		1	ij	
		Total	_	29962	110	_		65	1053		80		31302	itat types in	on grouping	cation (Me)		10 mm	ange.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	the WHR classification (Meyer	et.al., 1900).		acres with no change.	
		WDL	0	0	0	0	0	0	0	0	82	0	82							
		SHB	0	0	0	0	0	0	0	0	0	0	0	,			_	eas		þ
2002		GRS	0	0	0	0	0	0	930	0	0	0	930	00 (acres			Unknown	Urban areas	Water	Woodland
rabital Type existing III 2000		WAT	0	0	0	0	0	38	0	0	0	0	38	Habitat Totals Existing in 2000 (acres)			ONK -	URB -	WAT -	WDL -
al INDE E	56	WET	0	0	0	0	1	0	0	0	0	0	1	Totals Exis		:	/land)	gated)		
MADII		BAR	0	0	0	12	0	0	0	0	0	0	12	Habitat		į	Agriculture (Dryland)	Agriculture (Irrigated)		and
		URB	0	32	110	0	0	0	3	0	0	0	145				Agricul	Agricul	Barren	Grassland
		AG-I	0	29930	0	0	0	27	119	0	0	0	30008			(AG-D	AG-I	BAR -	GRS -
		AG-D	21	0	0	0	0	0	Ļ	0	0	0	18	o pointing oi	change as refinements are made					
			G-9V	AG-I	URB	BAR	WET		GRS		WDL	UNK	Total	Note 4: This date is subject to	change as refine	to processes.			3/1/2004	
- 1				260	51	uļ a	dK													

Westside W.D. IDCON - 202834

DESCRIPTION	Water the same of	TOTAL ACRES
Agriculture to Urban		0
Agriculture to Unknown	- 92	0
Agriculture to Natural		0
Natural to Agriculture		0
Natural to Urban		0
Natural to Unknown		0
Urban to Natural		0
No Change		17716
Total Acreage		17716.

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Westside Water District (IDCON-202834)

					30	_			_					.0	jo .		(2		
		Total	0	16437	0	0	0	80	1187	0	84	0	17716	itat types in th	on groupings	natalal linear		dicate Habitat ange.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	:	Note 3: Italics indicate Habitat acres with no change.	
	4	WDL	0	0	0	0	0	0	0	0	84	0	84	Z	E ‡	. 40	;	Z ñ	
			0	0	0	0	0	0	0	0	0	0	0				S		
000		GRS SHB	0	0	0	0	0	0	1187	0	0	0	1187	OO (acres)		Unknown	Urban areas	Water	Woodland
Habitat Type existing in 2000		WAT	0	0	0	0	0	8	0	0	0	0	8	Habitat Totals Existing in 2000 (acres)		UNK - L	URB - (WAT - \	WDL - \
ar Iype t		WET	0	0	0	0	0	0	0	0	0	0	0	Fotals Exis		(land)	gated)		
Habit		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 7		Agriculture (Dryland)	Agriculture (Irrigated)		pu
		URB	0	0	0	0	0	0	0	0	0	0	0			Agricult	Agricult	Barren	Grassland
		AG-I	0	16437	0	0	0	0	0	0	0	0	16437			AG-D -	AG-I -	BAR -	GRS -
		AG-D	0	0	0	0	0	0	0	0	0	0	0	is subject to	nents are made				
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 1. This data is subject to	change as refinements are made	to processes.		3/1/2004	
	Habitat Type in 1993																		

Feather River W.S.A.- IDCON202890

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	8241
Total Acreage	8241

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Feather Water District (IDCON-202890)

Habitat Type Existing in 2000

- 1					_		_		-	_	_			1921	4				
		Total	0	8204	16	0	7	0	0	0	14	0	8241	itat types in this	on groupings o		1000	olicate naotiat ange.	
		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	1 -4- 9. Hallan in	Note 3: Italics Indicate Habitat acres with no change.	
		WDL	0	0	0	0	0	0	0	0	14	0	14					- 0.20	
		SHB	0	0	0	0	0	0	0	0	0	0	0	_			eas		
200		GRS	0	0	0	0	0	0	0	0	0	0	0	OO (acres)		Jnknown	Urban areas	Water	
nabilal Type Existing in ZUUU		WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK - Unknown	URB - (WAT - \	
it Type Ex		WET	0	0	0	0	7	0	0	0	0	0	7	otals Exist		and)	lated)		
HADIL		BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 7		- Agriculture (Dryland)	Agriculture (Irrigated)		
		URB	0	0	16	0	0	0	0	0	0	0	16			Agricult	Agricul	Barren	
		AG-I	0	8204	0	0	0	0	0	0	0	0	8204				AG-I -	BAR -	
		AG-D	0	0	0	0	0	0	0	0	0	0	0	s is subject to	change as refinements are made				
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to	change as refine	to processes.		3/1/2004	
- 10	E991 ni 99yT JejideH																		

WDL - Woodland

Grassland

GRS

SHASTA DIVISION (interim Contracts)

Unknown le Imen ned IU - IsimeM 00 .gh . leimen 00 Summary of 1993 - 2000 Conversions of Natural Land by Water Service Area (Acres) Sueud Journal Change 0.00% %00.0 -0.09% -0.16% le Imen 40 SSOT JEINJEN %00.0 0.00% -0.11% Percent of -0.21% Ocher Newson) 0000 (0002.5661) Jesmen Jesmen 0 OOOZ JANOSPHET 3739 1245 10275 5291 le imen Edd 1 and 1993 3739 1245 10286 **Jesmen** MSA ACRES 4012 12554 203126 Mountain Gate C.S.D. Shasta Lake-City of Shasta Co.W.A. JWWW ARW 203127 203129 *Noog! otal

10/31/03

City of Shasta Lake W.S.A. IDCON - 203129

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	11
Natural to Unknown	0
Urban to Natural	0
No Change	6973
Total Acreage	6984

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Shasta Lake, City of (IDCON-203129)

	Total	0	0	1581	74	0	10	180	369	2005	0	4219	types in this	groupings of	Date of the last		ate nabitat e.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	:	Note 3: Italics Indicate Habitat acres with no change.	
	WDL U	0	0	0	0	0	0	0	0	1986	0	1986	NON	E 4	eta		acr	
	SHB V	0	0	0	0	0	0	0	369	0	0	369				as		7
200	GRS S	0	0	0	0	0	0	180	0	8	0	188	30 (acres)		Unknown	Jrban areas	Water	Mondond
Habitat Type Existing in 2000	WAT	0	0	0	0	0	10	0	0	0	0	10	Habitat Totals Existing in 2000 (acres)		UNK - L	URB - L	WAT - \	
at 1ype Ex	WET	0	0	0	0	0	0	0	0	0	0	0	otals Exist					
Нарис	BAR	0	0	0	74	0	0	0	0	0	0	74	Habitat 7		Agriculture (Dryland)	Agriculture (Irrigated)		7
	URB	0	0	1581	0	0	0	0	0	11	0	1592			Agricult	Agricul	Barren	Craciand
	AG-I	0	0	0	0	0	0	0	0	0	0	0			AG-D	AG-I -	BAR -	SDS
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of the city of the	ments are made				
		AG-D		URB				and the same of		WDL	UNK	Total	Note 4. This date is authined to	change as refinements are made	to processes.		3/1/2004	

Mountain Gate C.S.D. IDCON-203126

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	4012
Total Acreage	4012

Note 3: Italics indicate Habitat acres with no change.

WAT - Water WDL - Woodland

Barren Grassland

BAR GRS

3/1/2004

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Mountain Gate CSD (IDCON-203126)

Shasta Co. Water Agency IDCON - 203127

DESCRIPTION	TOTAL ACRES							
Agriculture to Urban		0						
Agriculture to Unknown		0						
I Note to Note the		0						
Agriculture to Natural		0						
Natural to Agriculture		0						
Natural to Urban		0						
Natural to Unknown		0						
Urban to Natural		0						
No Change		1558						
Total Acreage		1558						

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Shasta County Water Agency (IDCON-203127)

TRINITY RIVER DIVISION (Interim Contracts)

Matural . Unknown	0	0	0	0
New Year				
negin .	0	3	36	39
nedill - leiwen				
	0	0	27	27
National Change &	%	%	%	%
Wice Area (Astural Change (Astura) Change (Ast	0.00%	-0.01%	-0.19%	%60.0-
Astural Loss of Matural Loss o	9,	9/	9/	
Water Serv Natural Loss Cain of	0.00%	0.01%	0.21%	-0.10%
\$ (0002 A				
of Natural Land by War 2000 Chief Natural Natural College Oches 2000 Oches		0	0	0
- (000 WO				
Natural La Natural La Natural La Natural La Natural Colores Co	0	3	63	99
Natural Coop				
	E	27859	29337	63827
Natural Natural	9	27	29	63
OC Conversion 1993	6631	27862	400	63893
	99	278	29	638
, va	8029	39	32	6/
WSA ACRES	67	29939	33932	70579
jo				
ummary of 1993 - 20		S.D.		
Sum	S.D.	Creek C.S.D	ta	
WSA WAME	Shasta C.S.D	ar Cr	a Vista	
-3M	3 Sha	Clear (Bella	F
*Noog!	03078	203090	203110	
10001	2	2	2	otal

10/31/03

Shasta C.S.D. IDCON - 203078

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						
		10						
Urban to Natural		0						
No Change		6708						
Total Acreage		6708						

Note 3: Italics indicate Habitat acres with no change.

WAT - Water WDL - Woodland

Barren Grassland

BAR GRS

3/1/2004

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Shasta CSD (IDCON-203078)

		_		_			_		-				m 4	5		
	Total	0	0	77	61	0	0	58	2553	3959	0	6708	itat types in this	cation (Meyer		dicate Habitat
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	the WHR classification (Meyer	et.al.,1988).	Note 3: Italics indicate Habitat
	WDL	0	0	0	0	0	0	0	0	3959	0	3959		3 370		
	SHB	0	0	0	0	0	0	0	2553	0	0	2553			_	eas
200	GRS	0	0	0	0	0	0	28	0	0	0	58	Habitat Totals Existing in 2000 (acres)		Unknown	Jrban areas
Habital Type Existing III 2000	WAT	0	0	0	0	0	0	0	0	0	0	0	ing in 20		UNK - 1	URB - (
" INDE E	WET	0	0	0	0	0	0	0	0	0	0	0	otals Exis		and)	lated)
HADIL	BAR	0	0	0	19	0	0	0	0	0	0	61	Habitat 1		Agriculture (Dryland)	Agriculture (Irrigated)
	URB	0	0	77	0	0	0	0	0	0	0	77			Agricult	Agricul
	AG-I	0	0	0	0	0	0	0	0	0	0	0			AG-D -	AG-I -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	a is subject to	change as refinements are made		
		AG-D		URB		WET				WDL	UNK	Total	Note 1: This data is subject to	change as refine	to processes.	
			860	51	uļ ə	dX_{\perp}	[]E	njq	PH							

Clear Creek C.S.D. - ICON203090

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		13073
Total Acreage		13073

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Clear Creek CSD (IDCON-203090)

	Total	0	1556	405	121	0	က	1839	841	9267	0	14032	ses in this	oupings of	(wieyei		Habitat	
	To		_					_		<u>ი</u>		\vdash	abitat typ	sed on gre	SIIICALIOII		s indicate change.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	:	Note 3: Italics indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	9267	0	9267						
	SHB	0	0	0	0	0	0	0	841	0	0	841			_	eas		Р
200	GRS	0	0	0	0	0	0	1839	0	0	0	1839	00 (acres,		Unknown	Urban areas	Water	Woodland
nabital Type Existing III 2000	WAT	0	0	0	0	0	3	0	0	0	0	3	ting in 20		UNK - L	URB - 1	WAT - \	WDL - \
a INDE E	WET	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		land)	jated)		
Habit	BAR	0	0	0	121	0	0	0	0	0	0	121	Habitat 1		Agriculture (Dryland)	Agriculture (Irrigated)		pui
	URB	0	0	405	0	0	0	0	0	0	0	405			Agricult	Agricul	Barren	Grassland
	AG-I	0	1556	0	0	0	0	0	0	0	0	1556			AG-D	AG-I -	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of trojding of	ments are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This date is entitled to	change as refinements are made	to processes.		3/1/2004	
34			860	51	uį a	dK												

Bella Vista W.D. IDCON-203110

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	27
Natural to Urban	36
Natural to Unknown	0
Urban to Natural	0
No Change	33869
Total Acreage	33932

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Bella Vista Water District (IDCON-203110)

				04940					Y. 1				.52	ō			555		
	Total	0	2277	2256	46	0	243	5965	069	22456	0	33933	itat types in th	on groupings	cation (Meyer		Active Hobiton	iolicate nabitat ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	the WHR classification (Meyer	0.000, 1000).	1 - 4 - 5 - 14 - 15 - 15 - 15 - 15 - 15	note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	22420	0	22420	-	_	,		•	0	
	SHB	0	0	0	0	0	0	0	069	0	0	069	,			_	eas		рı
	GRS	0	0	0	0	0	0	5951	0	0	0	5951	00 (acres		-	UNKNOWN	Urban areas	Water	Woodland
and the second s	WAT	0	0	0	0	0	243	0	0	0	0	243	Habitat Totals Existing in 2000 (acres)			- YNO	URB -	WAT -	WDL -
246	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		1	land)	gated)		
	BAR	0	0	0	33	0	0	0	0	0	0	33	Habitat		ί	Agriculture (Dryland)	Agriculture (Irrigated)		pur
	URB	0	0	2256	0	0	0	0	0	36	0	2292				Agricum	Agricul	Barren	Grassland
	AG-I	0	2277	0	13	0	0	14	0	0	0	2304				- O-9A	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	o is subject to	ments are made					
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to	change as refinements are made	to processes.			3/1/2004	
			860	51	uį a	dX_{\perp}													

. Ishing	かん	143	143
nedill . leini		0	0
~	*		
Area (Acres) Area (Acres) WSA WSA WSA Ag.	W	0	0
	er er	0.40%	0.40%
90 100	3	18.67%	18.67%
Land by Water 1999 Story Natural Story Natur	8	292 18	292 18
DRAIN 1000)	•		
of Natural La	リシャ	143	143
JSA jours	67	947	947
O Tesm	1	798	798
mmary of 1993 - 20	M	37349	37349
		Drain M.W.C.	
2 JMAN AZ	M	Colusa Dr	
*No-		02875	

10/31/03

Colusa Drain MWC - 202875-IDCON

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	0
Agriculture to Unknown	83
Agriculture to Natural	298
Natural to Agriculture	6
Natural to Urban	0
Natural to Unknown	143
Urban to Natural	0
No Change	36820
Total Acreage	37350

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Colusa Drain MWC (IDCON-202875)

Habitat Type Existing in 2000

Г		0	2	36	0	0	0	26	0	က	0	6	this	gs of	ī,		ţ	ğ	
	Total		36515	က		509	230	വ				37349	oitat types in	d on grouping	ication (Me)		idoH opoipo	ange.	
	UNK	0	83	0	0	143	0	0	0	0	0	226	Note 2: The habitat types in this	matrix are based on groupings of	the work classification (Meyer et.al., 1988).		Note 3. Italian indicate Habitat	acres with no change.	
	WDL	0	0	0	0	0	0	0	0	3	0	3							
	SHB	0	0	0	0	0	0	0	0	0	0	0					eas		р
3	GRS	0	0	0	0	0	0	20	0	0	0	20	00 (acres,		Inknown		Jrban areas	Water	Woodland
וופרוים ואלני האוסווול ווו דססס	WAT	0	0	0	0	0	230	0	0	0	0	230	Habitat Totals Existing in 2000 (acres)		INK	-	1	WAT - \	WDL - \
at 17pc E	WET	0	298	0	0	396	0	0	0	0	0	664	Fotals Exis		(bue)		gated)		
Habit	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 1		Agriculture (Dryland)	() () () ()	Agriculture (Irrigated)		pui
	JRB	0	0	36	0	0	0	0	0	0	0	36			Agricult		Agricul	Barren	Grassland
	AG-I	0	36134	0	0	0	0	9	0	0	0	36140			4G-D	2 0	4G-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of the city of	nents are made					
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 4: This does is embised to	change as refinements are made	to processes.			3/1/2004	
_		_	THE RESERVE	51		-	_												

CROSS VALLEY CANAL

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

uno	0	0	0	2	0	0	0	0	LO.	P
Watural . Unknown				7					7	
- PN										
nedill . leimen	0	0	0	0	0	0	0	0	0	
· leim										
TEN										
Swell Ash Sellise	0	0	0	0	13	0	0	20	33	
Je Jelmp										
Der WSA Change										
Matural Change Landson Landson Mark Change	%0	%0	%00	-0.04%	%00	%00	%00	%00	0.61%	
10 SE TONEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	9.0	
07 4/p						•				
Jo Jungen	%00.0	%00	800	-0.89%	05%	%00	%00	72%	8.07%	
(a. od	0.	0	0	9	9	0	0	50.	89	
Ocher 2000)	0	0	0	0	10	0	0	4	4	
MeN . 661)					-			1814	182	
("0										
Natural . Other 2000)	0	0	0	45	13	0	0	20	8/	
· lesp								7		
OOO JEN										
TOMOS	3817	926	27	4987	6401	16	829	5331	84	
E661 Puel	38	6	10	49	64		80	53	23384	
£661 W										
See 1 1993 New 1993	3817	976	1027	5032	6404	16	829	3537	338	
IEIMIEN	38	3,	1	50	79		3	35	21638	
	- HORNESON									
WSA ACRES	3924	4557	21854	03743	69974	5998	2901	1686	637	
VSM	E.	4	21	103	69	5	2	71	28463	
1		_								
	Į	me		O.						
	tyo	D. A	8	iver		J.D.	D.	y of		
	nno	ey I.	are	Ile F		N Y	N.	ount	A	
JAM.	20-01	Valle	-Tul	ir Tu	V I.E	Guld	alle	e-C		
WSA MAME	Fresno-County of	202350 Hills Valley I.D. Amen	202385 Kern-Tulare WD	Lower Tule River I.D	202500 Pixley I.D.	202520 Rag Gulch W.D	Tri-Valley W.D	Fulare-County		
`	25 F	50 H	35 K	30 L	00 F	20 R	T 00	Louisi	1	2
*No	202325	3235	3238	202460	7250	1252	202600	204600		40/04/00
IDCON*	20	20	20	20	20	20	20	20	otal	101

10/31/03

Fresno, County of IDCON 202325

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		3924
Total Acreage		3924

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Fresno, County of (IDCON-202325)

1				_	_	_	~	10	10	~			is	s of				
	Total	0	0	107	0	0	ניז	1575	36	2203	0	3924	itat types in th	on groupings	afam) Hama		ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	2203	0	2203	_					
	SHB	0	0	0	0	0	0	0	36	0	0	36				as		_
2002	GRS S	0	0	0	0	0	0	1575	0	0	0	1575	Habitat Totals Existing in 2000 (acres)		Unknown	Jrban areas	Water	Woodland
Habitat Type Existing In ZUUU	WAT	0	0	0	0	0	က	0	0	0	0	3	ting in 20		UNK - L	URB - (WAT - \	WDL - I
tat Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		(land)	gated)		
Habli	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
	URB	0	0	107	0	0	0	0	0	0	0	107			Agricul	Agricul	Barren	Grassland
	AG-I	0	0	0	0	0	0	0	0	0	0	0			AG-D -	AG-I -	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	oi e cubiact to	ments are made		100		
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 1: This data is subject to	change as refinements are made	to processes.		3/1/2004	
			860	51	uį a	dX	[]E	njqu	PH									

Hills Valley I.D.-Amendatory - IDCON-202350

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	4558
Total Acreage	4558

Hills Valley Irrigation District-Amendatory (IDCON-202350) Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres)

abitat Type Existing in 2000

Γ		0	_	0	0	0	0	_	0	15	0	7	this	js of	5		FG .	
	Total		3581					961		-		4557	itat types in	on grouping	region (inc)		ioncare nabit ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		note 5: italics indicate habitat acres with no change.	
	MDI		0	0	0	0	0	0	0	15	0	15						
	SHB	0	0	0	0	0	0	0	0	0	0	0				eas		р
2000	GRS	0	0	0	0	0	0	196	0	0	0	961	Habitat Totals Existing in 2000 (acres)		Unknown	Urban areas	Water	Woodland
Habitat Type Existing in 2000	WAT		0	0	0	0	0	0	0	0	0	0	sting in 20		UNK -	URB -	WAT -	WDL -
tat Type I	WFT	0	0	0	0	0	0	0	0	0	0	0	Totals Exi		/land)	gated)		
Habii	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		pue
	URB	0	0	0	0	0	0	0	0	0	0	0			Agricul	Agricul	Barren	Grassland
	AG-I	0	3581	0	0	0	0	0	0	0	0	3581			AG-D	AG-I -	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	is subject to	ments are made				
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1: This data is subject to	change as refinements are made	to processes.		3/1/2004	
_			£60												20			

Kern-Tulare W.D. - 202385 IDCON

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	21853
Total Acreage	21853

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Kern-Tulare Water District (IDCON-202385)

Habitat Type Existing in 2000

AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK Total	Г		0	7		0	0	46	0	0	0	0	4	this	igs of	yer		1	ğ	
AG-D AG-I URB BAR WET WAT GRS SHB WDL 0 20827 0 0 0 0 0 0 0 0 20827 0 0 0 0 0 0 0 0 0 0		Total		20827	21			4	960				21854	bitat types in	d on groupin	ication (Me		1100	nulcate nabi	
AG-D AG-I URB BAR WET WAT GRS SHB WDL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The hat	matrix are based	the WHK classif	et.al., 1900).	7	acres with no ch	
AG-D AG-I URB BAR WET WAT GRS SHB 0		WDL	0	0	0	0	0	0	0	0	0	0	0							
AG-D AG-I URB BAR WET WAT GRS 0		SHB	0	0	0	0	0	0	0	0	0	0	0	1			_	eas		Р
AG-D AG-I URB BAR WET WAT AG-D AG-I URB BAR WET WAT 0	3		0	0	0	0	0	0	096	0	0	0	096	00 (acres,			JUKNOWE	Jrban ar	Water	Woodlan
AG-D AG-I URB F O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	III Sunsx		0	0	0	0	0	46	0	0	0	0	46	ting in 20		•		URB - 1	1	1
AG-D AG-I URB F O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ar rype E.		0	0	0	0	0	0	0	0	0	0	0	Fotals Exis		1	land)			
AG-D AG-I U 0 0 0 0 20827 0	IIGPLI		0	0	0	0	0	0	0	0	0	0	0	Habitat i		ģ	ture (Dry	ture (Irriç		pur
AG-D 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		URB	0	0	21	0	0	0	0	0	0	0	21				Agricul	Agricul	Barren	Grassla
AG-D 3-D 0 3-L 0 3-L 0 AR 0 ET 0 AT 0 AI RS 0 Otal 0 otal 0 ots as refinements are made occesses.		AG-I	0	20827	0	0	0	0	0	0	0	0	20827				AG-D	AG-I	BAR -	GRS -
3-D 3-D AR AT AT AT AT AB Otal Otal See as refine coesses.		AG-D	0	0	0	0	0	0	0	0	0	0	0	of positive of o	ments are made					
			AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	Note 1. This dot	change as refine	to processes.			3/1/2004	

Lower Tule River ID - 202460 IDCON

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	15
Agriculture to Unknown	0
Agriculture to Natural	0
Natural to Agriculture	0
Natural to Urban	0
No. 1 viii viii viii viii viii viii viii v	46
Natural to Unknown	45
Urban to Natural	0
orban to Matara	
No Change	103683
101	
Total Acrosso	103743
Total Acreage	

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Lower Tule River Irrigation District (IDCON-202460)

Habitat Type Existing in 2000

AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK Total AG-D 764 0 <				-	100	1.1			_			- 1	1
AG-D AG-I URB BAR WET WAT GRS SHB WDL UNK AG-I 164 0	Total	164	97009	1538	0	432	771	3793	0	36	0	103743	
AG-D AG-I URB BAR WET WAT GRS SHB WDL AG-D 164 0 </td <td>UNK</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45</td> <td></td>	UNK	0	0	0	0	0	45	0	0	0	0	45	
AG-D AG-I URB BAR WET WAT GRS SHB AG-D 164 0 <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>36</td> <td>0</td> <td>36</td> <td></td>		0	0	0	0	0	0	0	0	36	0	36	
AG-D AG-I URB BAR WET WAT GRS AG-D 164 0		0	0	0	0	0	0	0	0	0	0	0	
AG-D AG-I URB BAR WET WAT AG-D 164 0		0	0	0	0	0	0	3793	0	0	0	3793	
AG-D AG-I URB BAR WET AG-D 164 0 0 0 0 AG-I 707 96287 15 0 0 URB 0 0 0 0 0 URB 0 0 0 0 0 WET 0 0 0 0 0 WAT 0 0 0 0 0 GRS 0 0 0 0 0 SHB 0 0 0 0 0 WDL 0 0 0 0 0 UNK 0 0 0 0 0 Total 871 96287 1553 0 432		0	0	0	0	0	726	0	0	0	0	726	
AG-D AG-I URB BAR AG-D 4G-I URB BAR AG-I 707 96287 15 0 URB 0 0 1538 0 BAR 0 0 0 0 WET 0 0 0 0 WAT 0 0 0 0 GRS 0 0 0 0 SHB 0 0 0 0 WDL 0 0 0 0 UNK 0 0 0 0 Total 871 96287 1553 0		0	0	0	0	432	0	0	0	0	0	432	
AG-D AG-I URB AG-D AG-I URB AG-I 707 96287 15 URB 0 0 1538 BAR 0 0 0 WET 0 0 0 WAT 0 0 0 GRS 0 0 0 SHB 0 0 0 WDL 0 0 0 UNK 0 0 0 Total 871 96287 1553	64	0	0	0	0	0	0	0	0	0	0	0	
AG-D AG-I AG-D 764 0 AG-I AG-I 707 96287 URB 0 0 BAR 0 0 WET 0 0 WAT 0 0 0 GRS 0 0 SHB 0 0 0 UNK 0 0 0 Total 871 96287		0	15	1538	0	0	0	0	0	0	0	1553	
AG-D 164 AG-I 707 URB 0 BAR 0 WET 0 WAT 0 SHB 0 UNK 0 Total 871	_	0	96287	0	0	0	0	0	0	0	0	96287	
		164	707	0	0	0	0	0	0	0	0	1	
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total	
E991 ni sqyT sasidaH											_		4

Habitat Totals Existing in 2000 (acres)

Agriculture (Irrigated) URB - Urban areas

UNK - Unknown

- Agriculture (Dryland)

AG-D AG-I

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

WAT - Water WDL - Woodland

Barren Grassland

BAR GRS

3/2/2004

Note 3: Italics indicate Habitat acres with no change.

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

Pixley ID - 202500 IDCON

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	88
Agriculture to Unknown	0
Agriculture to Natural	10
Natural to Agriculture	13
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	69863
Total Acreage	69974

Note 3: Italics indicate Habitat acres with no change.

URB - Urban areas

Agriculture (Irrigated) - Agriculture (Dryland)

AG-D AG-I

WAT - Water

UNK - Unknown

Woodland

WDL

Grassland Barren

GRS BAR

3/1/2004

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Pixley Irrigation District (IDCON-202500)

Habitat Type Existing in 2000

					,					
AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	WDL	UNK	Total
26	0	0	0	0	0	0	0	0	0	6
240	62253	88	0	0	0	10	0	0	0	62591
0	0	882	0	0	0	0	0	0	0	882
0	0	0	99	0	0	0	0	0	0	26
0	0	0	0	2776	0	0	0	0	0	2776
0	0	0	0	0	128	0	0	0	0	128
0	13	0	0	0	0	5427	0	0	0	5440
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	4	0	4
0	0	0	0	0	0	0	0	0	0	0
337	62266	970	56	2176	128	5437	0	4	0	69974
of booking of other			Habitat	Totals Exi	sting in 20	000 (acre	ss)		Note 2: The hat	Note 2: The habitat types in this
ements are made	ø								matrix are base	matrix are based on groupings of
ements are mad	ø								the WHR classification (Meyer	fication (Me
	AG-D AG-D 97 AG-I 240 URB 0 BAR 0 WET 0 WAT 0 SHB 0 SHB 0 UNK 0 Total 337	8	AG-I URB 0 88 0 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AG-I URB E 62253 88 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AG-I URB E 62253 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AG-I URB E 62253 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AG-I URB E 62253 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AG-I URB BAR WET WAT GRS SHB 0	AG-I URB BAR WET WAT GRS SHB WDL 0	AG-I URB BAR WET WAT GRS SHB WDL 0

Rag Gulch W.D. - 202520 IDCON

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	5998
Total Acreage	5998

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Rag Gulch Water District (IDCON-202520)

Habitat Type Existing in 2000

	_	0	5968	4	0	0	16	0	0	0	0	5998	in this	ings of	leyel		abrtat	
	Total		29									29	itat types	on group	ication (iv		ndicate Ha ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).		Note 3: Italics indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	0	0	0						
	SHB	0	0	0	0	0	0	0	0	0	0	0				sas		0
3	GRS 8	0	0	0	0	0	0	0	0	0	0	0	O (acres)		Unknown	Jrban areas	Water	Woodland
Habitat Type Existing in 2000	WAT	0	0	0	0	0	16	0	0	0	0	16	ing in 200		UNK - L	URB - L	WAT - V	WDL - V
at Type Ex	WET	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		1,000			
Пари	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat 7		Agriculture (Dryland)	Agriculture (Irrigated)		pu
	URB	0	0	14	0	0	0	0	0	0	0	14			Agricult	Agricult	Barren	Grassland
	AG-I	0	2968	0	0	0	0	0	0	0	0	5968			AG-D -	AG-I -	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of facilities of	nerits are made	3			
		AG-D	AG-I	URB	BAR	WET	WAT	GRS	SHB	MDL	UNK	Total	Note 4: This date is embined to	change as refinements are made	to processes.		3/1/2004	

Tri-Valley W.D. - IDCON-202600

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	2901
Total Acreage	2901

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Tri-Valley Water District (IDCON-202600)

Habitat Type Existing in 2000

I	_	0	02	7	0	0	0	707	0	122	0	71	in this	ings of	i d	1	offat	
	Total		2070					7		17		2901	itat types i	I on groupi	in land		ndicate nar ange.	
	UNK	0	0	0	0	0	0	0	0	0	0	0	Note 2: The habitat types in this	matrix are based on groupings of	et.al.,1988).	7 T T T T T T T T T T T T T T T T T T T	Note 3: Italics Indicate Habitat acres with no change.	
	WDL	0	0	0	0	0	0	0	0	122	0	122						
	SHB	0	0	0	0	0	0	0	0	0	0	0	_		_	eas		р
2000	GRS	0	0	0	0	0	0	707	0	0	0	707	00 (acres,		Unknown	Urban areas	Water	Woodland
Habitat Type Existing In ZUUU	WAT	0	0	0	0	0	0	0	0	0	0	0	Habitat Totals Existing in 2000 (acres)		UNK -	URB - I	WAT -	WDL -
tat Iype E	WET	0	0	0	0	0	0	0	0	0	0	0	Totals Exis		/land)	gated)		
Habi	BAR	0	0	0	0	0	0	0	0	0	0	0	Habitat		Agriculture (Dryland)	Agriculture (Irrigated)		and
	URB	0	0	2	0	0	0	0	0	0	0	2			- Agricul	Agricu	Barren	Grassland
	AG-I	0	2070	0	0	0	0	0	0	0	0	2070			AG-D	AG-I	BAR -	GRS -
	AG-D	0	0	0	0	0	0	0	0	0	0	0	of tooidus si c	change as refinements are made				
		AG-D	AG-I	URB	100			GRS		WDL	UNK	Total	Note 4: This data is subject to	change as refine	to processes.		3/1/2004	
			860	51	uį a	dX]]E	njql	PH									

County of Tulare IDCON - 204600

DESCRIPTION	TOTAL ACRES
Agriculture to Urban	267
Agriculture to Unknown	0
Agriculture to Natural	1814
Natural to Agriculture	20
Natural to Urban	0
Natural to Unknown	0
Urban to Natural	0
No Change	69585
Total Acreage	71686

Note 3: Italics indicate Habitat acres with no change.

WAT - Water WDL - Woodland

Barren Grassland

BAR GRS

3/1/2004

Central Valley Habitat Monitoring (CVHM), Habitat Change From 1993 To 2000 (acres) Tulare, County of (IDCON-204600)

Habitat Type Existing in 2000

					Нарі	tat Type t	Habitat Type Existing In 2000	2007			ļ	
		,										
		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
860	AG-I	23	51404	267	0	12	9	1796	0	0	0	53508
51		0	0	14641	0	0	0	0	0	0	0	14641
uļ a		0	0	0	110	0	0	0	0	0	0	110
dX_{\perp}		0	0	0	0	196	0	0	0	0	0	196
]] [0	0	0	0	0	308	0	0	0	0	308
npit		0	20	0	0	9	0	2634	0	0	0	2660
PH		0	0	0	0	0	0	0	142	0	0	142
	WDL	0	0	0	0	0	0	0	0	121	0	121
	UNK	0	0	0	0	0	0	0	0	0	0	0
	Total	23	51424	14908	110	214	314	4430	142	121	0	71686
	Note 1: This data is subject to	ita is subject to			Habitat	Totals Exi	Habitat Totals Existing in 2000 (acres)	000 (acres	(:		Note 2: The hal	Note 2: The habitat types in this
	change as refine	change as refinements are made	ø,								matrix are based on groupings the WHR classification (Mever	matrix are based on groupings of the WHR classification (Mever
	to processes.		AG-D	- Agricul	Agriculture (Dryland)	/land)	UNK -	Unknown	_		et.al.,1988).	
			AG-I	Agricu	Agriculture (Irrigated)	gated)	URB -	Urban areas	eas		Note 3: Italics indicate Habitat	dicate Habitat

APPENDIX F

SUMMARY STATUS REPORT ON THE CONSERVATION ACTIONS INCLUDED IN THE 2000 INTERIM RENEWAL BIOLOGICAL OPINION

Appendix F. Updated Status Report on the Conservation Actions and the RPMs included in the February 29, 2000 Biological Opinion on CVP Interim Renewal Contracts.

Topi mail) =0 = 0 = 0 = 0 = 0 = 0	TO TO TO		Internal Newsylai Court acts.
Proposed Action/Conservation Measures	Responsibility	Due Date/ Time Period	Status/Remarks
 Reclamation will develop and implement programs with the water districts (Districts) to ensure that land use changes associated with project water will be addressed pursuant to ESA. 	FWS/USBR		
a. Notify Districts regarding ESA requirements of the Interim Opinion	FWS/USBR	Done	1a. Completed. Notice sent week of July 3, 2000
b. Synthesize existing and new information on distribution and potential habitat of federally listed, proposed, and candidate species within the Districts.	FWS/USBR	Ongoing	1b, c, d: Ongoing. Cooperative GIS teams from both agencies working on Central Valley Habitat Monitoring Program mapping efforts. Data for all CVP service areas is being made available to the Service. Data for the 2004 IRC service areas is presented in Attachment 6 of this memo.
c. Map (hard copy and digitized) habitat and potential distribution of listed, proposed, and candidate species, and provide information to the Districts, the Service and the California Department of Fish and Game.	FWS/USBR	Ongoing	c. Ongoing. Cooperative GIS teams from both agencies working on Central Valley Habitat Monitoring Program mapping efforts. Data for the 2004 IRC service areas is presented in Attachment 6 of this memo. Data for all CVP service areas will be made available to the CVP contractors and the California Department of Fish and Game.
d. Monitor land use changes and ongoing activities in the Districts to ensure that project water is not used in a manner that adversely affects listed, proposed, and candidate species.	FWS/USBR	Ongoing	d. Ongoing Cooperative GIS teams from both agencies working on Central Valley Habitat Monitoring Program mapping efforts. Landuse/landcover Trend Analysis is available. Data for the 2004 IRC service areas is presented in Attachment 6 of this memo.
 Reclamation will ensure that its operation and maintenance activities as well as activities of other associated with the use of CVP water within the Districts will not adversely affect listed, proposed and candidate species. 	FWS/USBR		
a. Work with the California Department of Pesticide Regulation to develop guidelines and information addressing the effects of the application of pesticides to listed, proposed, and candidate species.	FWS/USBR	Done	2a. Completed. Memo to Service documenting the pesticide information related to candidate species that Reclamation contributed to CDPR.
 b. Develop and distribute to the Districts and landowners guidance on construction and maintenance activities that are most beneficial to listed, proposed, and candidate species. 	FWS/USBR	Done	2b. Completed. Draft Field Operations Manuals, O&M Manuals, and IPMs were completed for each Reclamation Area Office and reviewed by FWS. Final Field Operations Manuals, O&M Manuals, and IPMs were sent to the Service in 2003.
c. Review water conservation plans for the Districts prior to implementation to ensure they do not adversely affect listed, proposed or candidate species.	USBR	Completed	2c. Completed. Completed for Reclamation Area Offices.
d. Amend the criteria for water conservation plans to ensure consistency with the ESA. 1) Status Report Update 2) Revise Criteria	USBR	Ongoing	2d. Ongoing. The criteria for water conservation plans are amended every 3 years, consistent with the CVPIA. The criteria were amended in 2002, so will not be amended again until 2005. Reclamation informally consults with the Service by forming an interagency team that to ensure that the criteria is in compliance with the ESA. Reclamation will sends memos to the Service and NMFS requesting their review of criteria and participation on interagency teams.

Proposed Action/Conservation Measures	Responsibility	Due Date/ Time Period	Status/Remarks
 Reclamation, working with the Service, will implement critically needed action to assure the continued existence of listed and proposed species and their habitats that have been affected by the CVP. 	FWS/USBR	Ongoing	3. Ongoing. CVP conservation program (CP) and b(1) other projects.
a. Identify lands that are critical to the continued survival of listed species and proposed species.	USBR	Ongoing. Continue updating	3a. Ongoing. Last update of high priority species provided to CP from FWS on 1/27/00. Historic trend analysis completed and mapping program discussed in 1bcd above to help identify and prioritize land for conservation easements or acquisition.
b. Implement critical needs plan.	FWS/USBR	Implementing ongoing	3b. Ongoing
4. Develop a long-term program to address overall effect of the CVP and implementation of the CVPIA.	FWS/USBR	Pursue adequate funding and partners	Pursue adequate 4. Ongoing. CVP consultations, CVP conservation program and b(1) "other" projects/programs. funding and partners
Reasonable and Prudent Measures	Responsibility	Due Date/Time Period	Due Date/Time Status/Remarks Period
 Develop and implement programs with the Districts in Attachment 1 of this opinion to ensure that land use activities associated with project water will be addressed pursuant to the ESA. 			
A. Work with CDPR to develop guidelines that provide an update on work that has been completed on this measure. In addition, provide information to CDPR generated from mapping efforts described in Conservation Measure 1(c).	FWS/USBR	Done	A. Completed. Memo to Service describing Reclamation's contribution of ESA information to the CDPR.
II. Identify land and water use techniques or measures within CVP service areas which are critically impacting listed and proposed species or their habitats.			
A. Prepare a study plan to identify the sources of selenium contamination in the Grasslands, San Joaquin River, and south Delta estuary.	USBR	Ongoing	A. Ongoing. This requirement is already handled through the existing Grassland Bypass Project (GBP) monitoring program. USGS conducted a sources of selenium study for the GBP was completed in 2003. The BA for the Delta Mendota Canal Long Term Contract Renewal, and the BA for the South Central California Area Office O&M Manual used the sources of selenium study.
B. Develop and implement an approved monitoring program to assess the effects of sclenium loading within the San Joaquin River on aquatic listed species or their surrogates using the lower San Joaquin River and southern Sacramento-San Joaquin Delta.	USBR	Ongoing	B. Initiated and ongoing. The BA/BO Proposed Action for the Grassland Bypass Project has commitments for supporting Se studies and monitoring to assess the effects of selenium loading within the San Joaquin River on aquatic listed species or their surrogates.
C. Provide quarterly reports on locations of monitoring and monitoring results. If concentration exceeds 2 ug/1 monthly mean standard for wetland water supplies in the Grasslands, and is a result either directly or indirectly from Reclamation actions, will identify and implement corrective actions and initiate separate formal consultation.	USBR	Ongoing	C. See IIA - the reporting measure is handled with the existing GBP monitoring program and existing quarterly reports. Corrective actions were made in previous years and continue to be monitored through the GBP monitoring program, which includes Service biologists, who receive the monthly averages at the same time as Reclamation. All inlets from the Grasslands Project Area to the wetland channels have been plugged since April 21, 1998 and monthly selenium averages have only exceeded 2 ppb occasionally since then and the exceedences have been less than 1 ppb.

Reasonable and Prudent Measures	Responsibility	Due Date/	Status/Remarks
III. Identify, analyze and compensate for past effects since 1991 for Friant and 1995 for Interim contractors. (Note: Friant is not a 2004 interim contractor)			
A. Identify and analyze the impacts of changes to contract service area boundarics since 1991 for any Friant contracts that have not undergone section 7 consultation. Fully compensate for any impacts associated with past water assignments of Interim or Friant Div. water allocations.	USBR	Prior to LTCR consultations.	A. Information and analysis ongoing, and will be presented in the BA's for Long-Term contract renewals (LTCRs). Note: Friant is not a 2004 interim contractor. All Friant contract service area boundary changes have been consulted on separately.
B. Identify and analyze the impacts of changes to contract service area boundaries since 1995 for interim contractors and provide this information and associated GIS data layers. Fully compensate for any impacts associated with past changes to contract service area boundaries for interim contracts.	USBR	Prior to LTCR consultations	B. Information and analysis ongoing. Maps for interim contract service areas are provided in Attachment 6 of this memo. Summary of changes to IRC contract service area boundaries since the 2002 consultation are presented in Attachment 2 of this memo. Additional boundary change information will be provided in BA's for Long-Term contract renewal. Analysis of impacts associated with past changes to boundaries since 1995 will be discussed in the BAs for the LTCRs. Note: Friant is not a 2004 interim contractor
C. Identify and analyze the impacts of changes in purpose of use since 1991 for Friant contractors and 1995 for Interim contractors and provide this information and analysis. Provide an analysis on how changes in purpose of use will affect shortages to districts, and how these changes in allocations will affect CVP-wide water supplies under drought conditions	USBR	Prior to LTCR consultations	C. No Change. The 1995 Interim contract renewal consultation included change of purpose of use from Agriculture to M&I. In general the Ag. shortage provisions remain even if purpose of use converted to M&I, so these changes in allocations will not affect CVP-wide supplies under drought conditions. The CVP M&I water shortage policy is currently under going NEPA and ESA review. Note: Friant is not a 2004 interim contractor
D. Identify and analyze the impacts of all water assignments executed since 1991 for Friant contractors and 1995 for interim contractors and provide this information. Fully compensate for any impacts associated with past water assignments of Interim or Friant Division water allocations.	USBR	Prior to LTCR consultations	 D. Interim renewal contractors with an Assignment action are indicted in Attachment 2. There have been four assignments since the 2002 IRC consultation. Some assignments are simple name change actions, usually as a result of deaths in a family. - Assignment actions are separate discretionary actions, and not part of the proposed IRC actions included in this memo. Assignment actions are analyzed in separate NEPA and ESA documents for that action. - Note: Friant is not a 2004 interim contractor.
IV. Consult on future actions including changes in purpose of use of contracts, transfers involving interim for Friant Div. contractors, assignments, and inclusions, annexations and exclusions to contract service area boundaries.	USBR	Due Date Not Applicable	IV. Will occur when applicable Note: Friant is not a 2004 interim contractor
A. Consult on future changes in water contracts from agriculture only to agriculture/M&I purposes.	USBR	Due Date Not Applicable	A. Will occur when applicable
B. Provide an analysis of how future changes in purpose of use will affect shortages to districts and how this change in allocations will affect CVP-wide water supplies under drought conditions.	USBR	Due Date Not Applicable	B. No Change. June 9, 1997 joint letter on CVPIA administrative proposal on urban water supply reliability stated that Ag. shortage provisions remain even if converted to M&I. M&I water in the districts up for renewal that are granted M&I priority has not changed since the OCAP consultation (1992). See remarks under III.C above
C. No execution of future changes in purpose of use unless it can be shown that such changes will not reduce under drought condition water supplies for proposed or listed species.	USBR	Due Date Not Applicable	C. See B above.
D. Informal consultation for assignments of inferim and Friant Divisions that may affect listed species. Consult formally for those contracts or actions with direct or indirect effects that are likely to adversely affect listed species, or result in take. Consult informally if an action will not affect listed species prior to signing of the FONSI or ROD	USBR		D. Will occur when applicable. Please see remarks to III D. above. Note: Friant is not a 2004 interim contractor

	~
5	7
	\preceq
è	$\stackrel{\sim}{\sim}$
	•
	_
	-
	0
٠	9
	8
	22
	5
	0
	7
-	_
	O
	0
-	픙
٧	ö
	ā
1	5
1	_

Reasonable and Prudent Measures	Responsibility	Due Date/ Time Period	Status/Remarks
E. Informal consultation for inclusions or annexations involving the interim and Friant contractors in this opinion that may affect listed species. Formally consult for those inclusions with direct or indirect effects that are likely to adversely affect listed species, or result in take. Informal consultation will determine if the inclusions or annexations will not affect listed species prior to signing of the FONSI or ROD.	USBR		E. Will occur when applicable. Please see Attachment 2 for inclusion and exclusion information for these interim renewal contractors. Inclusion and Exclusion actions are separate actions, and not part of the proposed IRC actions included in this memo. Inclusion and Exclusion action are analyzed in NEPA and ESA documents on that action. Note: Friant is not a 2004 interim contractor
F. Apply specific criteria to all transfers involving interim or Friant Divisions contracts that have not already under gone section 7 consultation.	USBR		F. Will occur when applicable. Transfer approvals are separate actions, and not part of the proposed IRC actions included in this memo. Transfer actions are analyzed in NEPA and ESA documents for that action. Note: Friant is not a 2004 interim contractor
A. Establish a contingency plan that would develop and implement a program to compensate for losses of listed species habitat that occur as a result of delivery of CVP water to the Interim & Friant Div. Contract service area. A. Establish a contingency plan that would develop and implement a process to identify impacts and then address those	USBR/CONTR	Pending	 V. Pending. Reclamation agrees to work with the Service to develop such a contingency guideline program. This program would incorporate the following criteria: Use of monitoring and mapping actions to identify land-use changes that result in losses of listed species habitat. Notification to, and the education of districts about their need to comply with requirements of the Endangered Species Act. Reporting to the Service of any activities that may have resulted in unauthorized losses of listed species habitat. Development of habitat compensation plans for any land-use changes that result in loss of listed species resulting from Reclamation's discretionary actions. Continued coordination between the Service and Reclamation to ensure existing conservation programs continue to address listed species that have been affected by use of CVP water. We commit to work with the Service to develop such a program that recognizes Reclamation's authorities. Reclamation would provide a draft of such a contingency guideline program within 90 days of receipt of the biological opinion on these proposed interim contracts. Note: Friant is not a 2004 interim contractor Pending. See response to V.
impacts to listed species or their habitats within the interim and Friant Division's contract service area that occur as a result delivering CVP water to contractors.		;	Note: Friant is not a 2004 interim contractor
B. Ensure implementation of the contingency plan to address impacts to species or their habitats within the interim and Friant Division's contract service area that occur without a FWS incidental take authorization.	USBR/CONTR	Pending	B. Pending. Once the contingency criteria are finalized, steps will be made to ensure that contingency plans are developed, and that all contractors are made aware of the plans. Note: Friant is not a 2004 interim contractor
C. The contingency plan for impacts to listed species or their habitat will be reviewed in a section 7 consultation with the FWS and will incorporate compensation for temporal and other habitat losses. Losses of listed species habitat within the interim and Friant contract service areas will be compensated at ratios consistent with the recovery needs for those listed species.	USBR/FWS	Pending	C. The contingency plans will be coordinated with the FWS and the appropriate Section 7 consultation will occur after finalization. Note: Friant is not a 2004 interim contractor

APPENDIX G

COMMENT LETTERS RECEIVED AND RECLAMATION RESPONSES TO PUBLIC COMMENTS

APPENDIX G - CONTINUED

Introduction to Appendix G

The Draft Supplemental EA for the 2004 Renewal of Interim Water Service Contracts was circulated for public and agency review in a 30-day review period that began on December 23, 2003 and ended January 23, 2003. Three written comments were received during the public review period. This final Supplemental EA for the 2004 Renewal of Interim Water Service Contracts provides responses to the comments received on the draft.

This appendix includes a list of the comment letters (Table 1), the comment letters, and the responses to the substantive environmental issues raised in the comment letters.

No new impacts were identified in the public comments, nor was there an increase in the severity of previously identified impacts.

Table 1. List of Comment Letters Received.

Letter Reference	Commenter
USEPA	Lisa B. Hanf, Manager, Federal Activities Office U.S. Environmental Protection Agency Region IX
SCVWD	Kellye Kennedy, Senior Project Manager, Santa Clara Valley Water District
СН	Terry Roberts, Director, State of California, Governor's Office of Planning and Research, State Clearinghouse and Planning Unit



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street San Francisco, CA 94105-3901 FEB 0 2 2004

GODE ACTION SURNAME
2/3

January 27, 2004

Frank Michny Regional Environmental Officer Bureau of Reclamation Mid-Pacific Regional Office 2800 Cottage Way Sacramento, California 95825

Subject:

2004 Renewal of Interim Water Service Contracts Supplemental Draft

Environmental Assessment (SEA)

Dear Mr. Michny:

The Environmental Protection Agency (EPA) has reviewed the Draft Supplemental Environmental Assessment for the 2004 Renewal of Interim Water Service Contracts through February 29, 2006 - Central Valley Project, California. Our review is pursuant to the National Environmental Policy Act (NEPA), Council on Environmental Quality (CEQ) regulations (40 CFR Parts 1500-1508), and Section 309 of the Clean Air Act.

USEPA 1

EPA provided comments on the 1994 draft guidelines for interim renewal of long-term CVP contracts, the 1994 EA for interim renewal of 67 CVP water service contracts, and the 2002 EA for interim renewal of 42 CVP water service contracts. Since our earlier comments are still relevant to the proposed contracts and current SEA, these letters are hereby incorporated by reference. A copy of our 2002 letter is attached.

The current management of the contract water supplies constitutes an irretrievable commitment of resources which should be fully evaluated pursuant to NEPA. The present SEA is the fifth "roll-over" since 1994. Section 3404(c) of Central Valley Project Improvement Act (CVPIA) states that the interim period may not exceed three years and that successive interim periods may not exceed two years prior to execution of new long-term contracts. Therefore, EPA urges Reclamation to pursue execution of long-term contracts based on a sound NEPA process, supporting an environmentally-responsive contract design.

USEPA 2

EPA acknowledges the significant efforts made by Reclamation staff over the past several years in developing an approach to CVP contracts that is fair to the districts involved and implements the reforms envisioned by the CVPIA. We continue to offerour support on working

USEPA

Project
Control No. 1001638
Folder I.D. 7194

Printed on Recycled Paper

through the issues raised in our comments or on other issues raised during the comment period. If you have questions, please contact Summer Allen, the lead reviewer for this project, at 415-972-3847.

Sincerely,

Lisa B. Hanf, Manager Federal Activities Office

Main ID# 002218

Enclosures:

EPA Comments on 2002 Interim Renewal EA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IX

75 Hawthorne Street San Francisco, CA 94105

January 4, 2002

Frank Michny
Regional Environmental Officer
Bureau of Reclamation
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, California 95825

Dear Mr. Michny:

The Environmental Protection Agency (EPA) has reviewed the **Draft Supplemental** Environmental Assessment for the 2002 Renewal of Interim Water Service Contracts through February 29, 2004 - Central Valley Project, California. Our review is pursuant to the National Environmental Policy Act (NEPA), Council on Environmental Quality (CEQ) regulations (40 CFR Parts 1500-1508), and Section 309 of the Clean Air Act.

The Bureau of Reclamation (Bureau) proposes to execute 42 interim renewal water service contracts for up to two years between March 1, 2002 and February 29, 2004. Execution of interim contracts is needed to continue delivery of Central Valley Project (CVP) water until long-term contracts can be executed.

The renewal of interim water service contracts was first evaluated in a 1994 environmental assessment (EA) with supplemental EAs (SEAs) issued in 1998, 2000, and 2001 for subsequent interim renewals (i.e., "roll-overs"). The current SEA is tiered to these previous EAs and relies on the evaluation of environmental consequences provided in the 2000 and 2001 SEAs. The proposed interim contracts include the same terms as those executed in 1994, and renewed in 1998, 2000, and 2001. If long-term contracts are not executed by March 1, 2003, a one-year extension of these interim contracts (March 1, 2003 through February 29, 2004) may be executed. Prior to a second year extension, the Bureau will determine if additional NEPA analysis is necessary.

As you know, EPA has had a long institutional interest in the Bureau's renewal of interim and long-term contracts. We provided comments on the 1994 draft guidelines for interim renewal of long-term CVP contracts and on the 1994 EA for interim renewal of 67 CVP water service contracts. In that many of our earlier comments are still relevant to the proposed contracts and current SEA, these letters are hereby incorporated by reference. Copies are attached.

EPA continues to be concerned that the "roll-overs" of the interim contracts have compromised the Bureau's NEPA process for the following reasons:

USEPA

The present SEA is the fourth "roll-over" since 1994. In effect, many of these interim renewal contracts have been continued for 7 years. The current renewal would extend these interim renewal contracts to a period of 10 years. Therefore, the premise that the contracts are of a limited duration with minor environmental impacts, is no longer valid.

usepa 5

The status quo perpetuates and aggravates environmental degradation and constitutes an irretrievable commitment of resources which should be fully evaluated pursuant to NEPA. We note that the Central Valley Project Improvement Act Programmatic Environmental Impact Statement did not evaluate water quality impacts at any level, nor did it evaluate other environmental impacts at the district level. We continue to believe there is a compelling need for detailed evaluation of long-term and cumulative impacts of district-level water quality, groundwater, and water supply reliability effects of the continuing action.

6

USEPA

USEPA 7

We urge the Bureau to stop continual "roll-overs" of the interim contracts and to pursue execution of long-term contracts based on a sound NEPA process which informs environmentally responsive contract design. To do so would be in the best interests of California, the public, and sound water supply management. We believe an adequate NEPA process for district-level contracts should include evaluation of the long-term and cumulative impacts of the status quo and continual roll-over of interim renewal contracts. We also urge the Bureau to create strong incentives to move contractors from interim renewal contracts to long-term contracts. We consider these NEPA compliance issues to be significant and we will work with you to resolve our concerns to avoid elevation of these issues.

USEPA 8

USEPA

EPA wishes to acknowledge the significant efforts made by Bureau staff over the past several years in developing an approach to CVP contracts that is fair to the districts involved and implements the reforms envisioned by the CVPIA. Our detailed comments (attached) discuss a number of issues which we believe should be considered in the environmental documentation for interim renewal of water service contracts. We stand ready to offer our support on working through the issues raised in our comments or on other issues raised during the comment period. If you have any questions about these comments, please call Lisa Hanf at (415) 972-3854 or Laura Fujii at (415) 972-3852.

Yours truly,

Joshua Baylson,

Acting Deputy Director Cross Media Division Attachments: Detailed comments (3 pages)

EPA Comments on 1994 Draft Guidelines for Interim Renewal of CVP

Contracts

EPA Comments on 1994 Interim Renewal EA

MI002218

Filename: interimcvpcontracts.wpd

cc: Donna Tegelman, BOR, MP-400

Gary Stern, National Marine Fisheries Service, Santa Rosa

Michael Aceituno, National Marine Fisheries Service, Sacramento

US Army Corps of Engineers, San Francisco & Sacramento

Pat Port, Department of the Interior

Wayne White and David Wright, US Fish and Wildlife Service

Jim White, Department of Fish and Game

Victoria Whitney, State Water Resources Control Board

Mary Nichols, California Resources Agency

Patrick Wright, CALFED

DETAILED COMMENTS

Impact of No Action (Status Quo)

The 1994 Environmental Assessment (EA) and subsequent Supplemental Environmental Assessments (SEAs) measure impacts of the proposed action relative to the status quo scenario, or "no action." However, the Bureau has failed to place the status quo in the context of historical biological resource losses or actual on-the-ground environmental conditions associated with CVP water delivery (e.g., reduced flows in the San Joaquin River). Thus, the conclusion that there are no significant impacts since the proposed action represents a continuation of the existing action is flawed.

USEPA 10

Recommendation:

We urge the Bureau to evaluate potential impacts of the continuing action in comparison to existing environmental conditions and trends. As we have stated before, "no action" does not equate with "no impact." Therefore, the Bureau should determine whether the continuation of the action will contribute to a declining, stable, or improving environmental condition.

Environmental Consequences

An underlying assumption of the SEA appears to be that there are no changes in land use, canal maintenance procedures, cropping patterns, or other agricultural and irrigation practices because the contracts are of a limited duration, represent a continuation of existing conditions, and will not provide for additional water supplies that could lead to shifts in agricultural practices or land use (draft Finding Of No Significant Impacts (FONSI), pg. 3). However, changes in existing conditions have occurred which could affect agricultural practices. These changes should be taken into account.

USEPA

Recommendations:

We recommend the Bureau reevaluate the assumption of no change in agricultural or irrigation practices that occur with market and other economic shifts, regulatory reform, and environmental dynamics. In examining the incremental impacts of roll-overs, the Bureau should consider the cumulative impacts from changed agricultural conditions. Conditions to consider include changes in herbicide use for aquatic plant control in irrigation canals, the increased focus on invasive species control, new air quality standards (e.g., PM2.5), new water quality actions (e.g., California Regional Water Quality Control Board waste discharge requirements), and projected growth and development within the Central Valley.

The 2000 SEA (pg. 3-4) states that the Bureau has undertaken a number of commitments to monitor and address any impacts from the previous interim contracts. We urge the Bureau to include the most recent monitoring results in the final environmental documentation.

USEPA

Alternatives

1. It appears that Alternative 2, as presented in the 2000 SEA, is no longer being evaluated as an alternative. Therefore, only Alternative 1, the No Action alternative, is considered in the 2001 and 2002 SEAs (2002 SEA, pg. 2-2).

USEPA 13

Recommendation:

Given the fact that many of the interim contracts have been in place for 7 years and may be continued into the indefinite future, we strongly believe the Bureau should consider evaluation of other reasonable alternatives as required by NEPA [40 CFR Section 1502.14(a) and (c)].

2. As presented in the 2000 SEA, Alternative 2 would specify water quantities using two water supply categories. The first, more reliable water category, would be the quantity of water that would be reasonably likely to be available during a year for delivery and would be the "contract total." The second category of water would be any additional water that may be delivered to contractors in excess of the first category of water.

EPA has frequently expressed our concern that the contract quantities included in the current contracts do not accurately reflect the delivery capability of the CVP, especially after regulatory actions under the Clean Water Act, the CVPIA and the Endangered Species Act are considered. In many years — and for some districts, in most years — the CVP is unable to deliver the entire amount of water called for in the current contracts. EPA is concerned that this "over commitment" of CVP supplies has the potential to adversely affect the Bureau's ability to effectively assist in addressing California water and environmental needs.

USEPA

Recommendation:

We urge the Bureau to consider including the dual water category approach in their interim contract renewals, especially since these contracts may continue into the indefinite future. We suggest that the Bureau develop a consistent process for determining, on a contract by contract basis, the proper allocations of "base" and "supplemental" quantities. We believe the "base" amount should reflect recent historical realities but also factor in the anticipated future limitations on CVP supplies noted and evaluated in the CVPIA Programmatic EIS.

3. Alternative 2 also included the concept of tiered water pricing for the first category of water (contract total) where the first 80 percent of the contract total would be priced at the contract rate. Subsequent 10 percent increments would be priced at higher rates. The second category of water would be priced at the full cost rate.

USEPA

Recommendation:

EPA has often expressed our support for the concept of tiered pricing as a mechanism for encouraging economically efficient water uses in both the agricultural and urban sectors. EPA appreciates that implementing tiered pricing in the real world is difficult, given the vastly different circumstances of irrigation districts and the various approaches to managing water supplies in diverse hydrologies. Nevertheless, we urge the Bureau to reconsider including tiered water pricing in interim renewal contracts and to develop carefully tailored, district or unit level approaches to tiered pricing.

General Comments

1. We recommend the Bureau clearly state in the environmental documentation the most realistic schedule for execution of long-term contract renewals. We ask that the Bureau confirm that interim contract renewals will not be continued into the indefinite future. We also strongly urge the Bureau to include language in each interim contract stating a specific schedule and date for finalizing and executing the long-term contract.

USEPA

2. We are concerned that NEPA review of the major environmental issues involved in water delivery under these contracts is being carried out in an increasingly fragmented way through different NEPA processes. We urge the Bureau to more explicitly articulate (a) how the various long-term contract EISs (e.g., American River Unit) will tier from the CVPIA PEIS, (b) how these interim contract SEAs will tier from the CVPIA PEIS (now that there is a final Record Of Decision on the PEIS), and (c) how the many local efforts, such as the San Luis Drain EIS and the Westside Integrated Resource Plan (WIRP), will tier from the CVPIA PEIS and relate to the various contract renewal evaluations.

USEPA

3. The final environmental documentation should include updated information on the status of current water transfers and assignments; implementation of CVPIA requirements of Section 3405, as already incorporated into the interim contract provisions (e.g., installation of water measurement devices, conservation plans, meeting water quality standards, payment provisions); US Fish and Wildlife and National Marine Fisheries Service concurrence letters on meeting Endangered Species Act requirements; and status of Interim Contracts Renewal Biological Opinion commitments.

USEPA

APPENDIX G - CONTINUED

Response to Comments by US Environmental Protection Agency (USEPA)

USEPA-1 Comment Noted.

USEPA-2 Comment Noted. See section 1.1, fourth paragraph, of this environmental assessment which explains our environmental analysis approach. Reclamation believes the NEPA analysis is appropriate for the action at hand.

USEPA-3 Comment Noted.

USEPA-4 Comment Noted

USEPA-5

Reclamation anticipates completing the environmental compliance and the execution of long-term water service contract within this interim period. The complexity of the analysis associated with the Programmatic Environmental Impact Statement (PEIS) extended its completion until October 1999 with the Record of Decision approved on January 9, 2001. The CVPIA PEIS evaluated CVP-wide impacts of long-term contract renewal. Long-term contract environmental compliance documents tiered from the CVPIS PEIS are at various stages of completion. Friant Division, Hidden Unit, and Buchanan Unit long-term contract have been executed. Interim contracts are necessary until completion of the contract negotiation and environmental compliance processes. The interim renewal of these contracts essentially maintains the status quo.

USEPA-6 See Response to USEPA-2

USEPA-7 The final CVPIA PEIS, partly based on comments on the draft CVPIA PEIS, did evaluate impacts to Delta water quality in Technical Appendix Volume Ten, October 1999, and habitat and water quality conditions that affect fish in the Central Valley streams in Attachment B of the Fish Habitat Water Quality Technical Information, September 1997. Regional and district level water quality impacts as they may relate to the approval of long-term water service contracts have or will be evaluated in the long-term contract renewal NEPA documents tiered from the PEIS.

USEPA-8 See USEPA-5 and 2. Reclamation and the contractors have made and will continue efforts to complete the appropriate environmental compliance process for long-term contracts.

Response to Comments by US Environmental Protection Agency (USEPA)

- USEPA-9 Section 3404 (c)(3) of the CVPIA provides the incentives to renew interim and "encourage early renewal" of all CVP water service contracts. Reclamation intent is to aggressively pursue completion of long-term contract renewals.
- USEPA-10 See section 1.1, fourth paragraph, of this final EA. The EA and the scope of analysis were developed consistent with NEPA regulations and guidance for the Council on Environmental Quality. The proposed action is the continuation of the existing interim contracts with only minor, administrative changes to the contract provisions. Only minor change in actions, circumstances, or information has occurred. See response to comment USEPA-2.
- USEPA-11 With interim contract renewal, the continuation of providing the same amount of water to the same lands for the existing/ongoing purpose does not result in a significant new impact. Other activities may be affecting agricultural practices, but the renewal of existing interim water service contracts for up to 2 years will not shift agricultural practices or land use. For the renewal of interim contracts, we believe it would be a unproductive exercise to analyze impacts on natural resources from activities such as changes in herbicide use for aquatic plant control or increased focus on invasive species control which interim water service contracts have little if any relationship to the action at hand.
- USEPA-12 Monitoring results of previous interim contracts have shown no significant affects from Reclamation's discretionary actions related to interim contract renewals. Appendix H of this Supplemental EA provide the latest report on the interim contract renewal US Fish and Wildlife Service's biological opinion.
- USEPA-13 Other alternatives are being evaluated as part of the long-term contract renewal process. So far, twenty-seven long-term contracts have been renewed. Unless unforeseen complications arise, Reclamation and the interim contractors will execute long-term contracts, which will include completing all environmental compliance, within the next two years.
- USEPA-14 The Reclamation Project Act of 1956 and Reclamation Project Act of 1963 mandate renewal of existing contract amounts when beneficially used. Needs analysis have been completed to identify the amount or water that could be beneficially used by each water service contractor. The contract amounts were constrained to not exceed the beneficial use or the existing contract amount, whichever is less.

CVPIA required CVP to institute environmental management as part of the CVP operations, such as allocation of 800,000 acre-feet for fish and wildlife

Response to Comments by US Environmental Protection Agency (USEPA)

purposes, refuge water supply, and acquisition of water from willing sellers. These requirements in addition to existing Federal and State requirements of CVP operations constrain the actual delivery amounts. These existing legal constraints provide regulatory/environmental use of CVP water.

- USEPA-15 Alternatives, including tiered pricing, are being addressed through the negotiations process for long-term contracts. Appropriate alternatives will be evaluated as part of the environmental compliance process for long-term water-service contract renewals.
- USEPA-16 See response USEPA-5 and 9. Various unforeseen circumstances have delayed the execution of long-term contracts for the interim contractors.
- USEPA-17 With the completion the CVPIA PEIS and the ROD (1/9/01), Reclamation has continued with the process to complete the contract negotiations and tiered regional environmental documents necessary to executed long-term water service contracts, many of which are also interim contracts. The environmental process is complete for the 25 of the 28 Friant Division contracts, the Hidden Unit contract, and the Buchanan Unit contract and also near completion for the Cross Valley Canal Unit contracts.
- USEPA-18 No water transfers or assignments of water are part of the proposed action.

 They are separate independent actions. Appropriate environmental compliance and documentation will be completed for any request from interim contractors for Reclamation approval of water transfers or water assignments.

This Supplemental EA provides the US Fish and Wildlife Service biological opinion (Appendix H), the National Marine Fisheries Service concurrence letter (Appendix I), and the summary status report on the conservation actions included in the US Fish and Wildlife Service's 2000 biological opinion on interim renewals (Appendix F).



JAN 3 0 2004

EA CODE ACTION SURINAME
& DAYE

1/30

JAN 3 0 2004

57,50 ALMADEN EXPWY SAN JOSE, CA 95118-3686 TELEPHONE (408) 265-2600 FACSIMILE (408) 266-0271 www.scvwd.dst.ca.us an egual opportunity employer

January 23, 2004

Frank Michny, Environmental Officer Bureau of Reclamation (MP-150) 2800 Cottage Way Sacramento, CA 95825-1898

Subject:

Draft Supplemental Environmental Assessment and Finding of No Significant Impact for the 2004 Interim Water Service Contracts through

February 28, 2006.

Dear Mr. Michny:

The Santa Clara Valley Water District (District) is pleased to provide comments on the subject Draft Supplemental Environmental Assessment (DSEA) and Finding of No Significant Impact (FONSI). We agree with the conclusion reached in the Draft FONSI that interim renewal of the proposed water service contracts for an additional term of two years will not have a significant impact on the human environment. Therefore we support that a FONSI for the proposed action is appropriate.

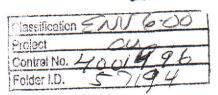
With respect to Threatened and endangered species as discussed in Chapter 3 of the Draft SEA, we support Reclamation's commitment to undertake activities described in the referenced 2002 Biological Opinion. However, we believe clarification is necessary in Reclamation's addition to Chapter 3 Biological Resources. In section 3.3.1, the Bureau has included a paragraph that states the following:

"The FWS Biological Opinion for 2002 interim contracts is incorporated by reference in the 2004 Supplemental EA and presents the commitments that Reclamation will undertake during the proposed 2004 interim renewal period."

The 2002 Biological Opinion included statements with respect to the District's activities and the impacts of the interim contract renewal that the District has disputed. We understand that these portions of the 2002 Biological Opinion will be revised when the new Biological Opinion for 2004 Interim Renewal Contracts is issued. In order to clarify this point, we request that Reclamation add a sentence explaining that a new biological opinion will be issued for the proposed action. It is our understanding the new biological opinion will supercede the 2002 biological opinion.

SCUWD

SCUMD



Mr. Frank Michny Page 2 January 23, 2004

Thank you for considering these comments. If you have any questions, you may contact me at (916) 447-1534.

Sincerely,

Kellye Kennedy

Senior Project Manager Imported Water Unit

CC:

Karen Donovan, Duane Morris

kk:kk

APPENDIX G - CONTINUED

Response to Comments by Santa Clara Valley Water District (SCVWD)

SCVWD-1 Comment noted.

SCVWD-2 Text revised as suggested.



Arnold Schwarzenegger Governor

STATE OF CALIFORNIA

Governor's Office of Planning and Research

State Clearinghouse and Planning Unit

EA 2/23

BURLAU OF RECLAMATION OF HIGH THE GOPY
THE CETYLED

FEB 2 0 2004

cting Deputy Director

Jan Boel

EB S 0 2004

O CRE 2 3/04

Bob Eckart U.S. Bureau of Reclamation 2800 Cottage Way Sacramento, CA 95825

Subject: 2004 Renewal of Interim Water Service Contracts Through February 28, 2006, CVP, CA

SCH#: 2004014004

Dear Bob Eckart:

February 19, 2004

The State Clearinghouse submitted the above named Joint Document to selected state agencies for review. The review period closed on February 18, 2004, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Terry Roberts

Director, State Clearinghouse

Terry Roberts

NOTICE: IF YOU DETACH ENCLOSURE PLEASE INSERT CODE NO.

DATE

DATE

Project 4602363
Folder LS 5180

Document Details Report State Clearinghouse Data Base

SCH#

2004014004

Project Title

2004 Renewal of Interim Water Service Contracts Through February 28, 2006, CVP, CA

Lead Agency

U.S. Bureau of Reclamation

Type

JD Joint Document

Description

Execute up to 59 interim Water Service Contracts with Central Valley Project water contractors for a period of up to two years, from March 1, 2004 through February 28, 2006. Interim Contract Renewals are executed under the authority of the CVPIA to provide a bridge between the expiration of existing long-term water service contracts and the execution of new long-term water contracts.

Lead Agency Contact

Name

Bob Eckart

Agency

U.S. Bureau of Reclamation

Phone

916.978-5051

email

Address 2800 Cottage Way

City S

Sacramento

Fax

State CA Zip 95825

Project Location

County

City

Region

Cross Streets Parcel No.

Township

Range

Section

Base

Proximity to:

Highways

Airports

Railways

Waterways

Sacramento River, San Joaquin River, American River, Feather River

Schools

Land Use

Agricultural and Municipal / Industrial

Project Issues Agricultural Land

Agricultural Land; Vegetation; Wildlife; Growth Inducing; Cumulative Effects

Reviewing Agencies Resources Agency; Department of Fish and Game, Region 2; Department of Fish and Game, Headquarters; Delta Protection Commission; Department of Parks and Recreation; Reclamation Board; Department of Water Resources; Native American Heritage Commission; State Lands Commission; Regional Water Quality Control Bd., Region 5 (Sacramento); State Water Resources Control Board, Clean Water Program; State Water Resources Control Board, Division of Water

Quality; State Water Resources Control Board, Division of Water Rights

Date Received

01/20/2004

Start of Review 01/20/2004

End of Review 02/18/2004

CH

APPENDIX G - CONTINUED

Response to Comments by State of California State Clearinghouse and Planning Unit

CH-1 Comment noted.

CH-2 Comment noted.