

IRR 2019 Sch A-13 F.Z21.XLSM

09/12/2018

CENTRAL VALLEY PROJECT

SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET) FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

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FACILITIES

Black Butte D&R

Buchanan Unit

Clear Creek Unit

Colusa Basin Drain

Corning Canal

Cow Creek Unit

Cross Valley Canal

Delta-Mendota Canal

Delta-Mendota Pool

Friant Dam

Friant-Kern Canal

Hidden Unit

Madera Canal

New Melones D&R

Sacramento River - Shasta

Sacramento River - Willows

San Felipe Unit

San Luis Canal - Tracy

San Luis Canal - Fresno

Tehama-Colusa Canal

Delta-Mendota Exchange

Summary by Service Area

Assignments of Historical Water

Footnotes

09/12/2018

CENTRAL VALLEY PROJECT

SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)

FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	BLACK BUTTE D&R			BUCHANAN UNIT	CLEAR CREEK UNIT	COLUSA BASIN DRAIN
	4-E WD	STONY CREEK WD	TOTAL	CHOWCHILLA WD-BU	CLEAR CREEK CSD	COLUSA DRAIN MWC
1981	-	129	129	24,000	4,240	-
1982	-	-	-	24,000	4,826	-
1983	-	-	-	24,000	13,499	-
1984	-	-	-	24,000	14,436	-
1985	80	963	1,043	24,000	13,813	-
1986	40	989	1,029	24,000	13,944	-
1987	40	570	610	24,000	19,123	1,027
1988	0	1,296	1,296	24,000	7,880	2,259
1989	80	775	855	24,000	6,812	62,054
1990	73	800	873	24,000	12,010	25,976
1991	17	1,003	1,020	24,000	6,060	25,701
1992	82	735	817	24,000	3,838	16,852
1993	-	757	757	24,000	3,702	37,024
1994	105	1,247	1,352	24,000	13,494	10,581
1995	76	614	690	24,000	4,345	19,364
1996	80	3,327	3,407	24,000	2,332	31,710
1997	73	2,739	2,812	24,000	6,520	-
1998	76	2,549	2,625	24,000	3,161	-
1999	83	916	999	24,000	3,724	1,108
2000	80	1,292	1,372	24,000	4,513	-
2001	51	1,043	1,094	24,000	7,223	23,039
2002	109	1,013	1,122	24,000	3,735	(19,049)
2003	7	680	687	24,000	4,655	(10,288)
2004	20	805	825	24,000	4,721	-
2005	40	356	396	24,000	3,313	-
2006	1	513	514	24,000	4,170	-
2007	1	829	830	24,000	7,090	-
2008	-	867	867	24,000	1,470	-
2009	-	753	753	24,000	2,414	-
2010	-	694	694	24,000	2,465	-
2011	-	660	660	24,000	2,335	-
2012	-	197	197	24,000	2,570	-
2013	-	286	286	24,000	7,002	-
2014	-	348	348	24,000	991	-
2015	-	237	237	24,000	-	-
2016	-	170	170	24,000	246	-
2017	-	66	66	24,000	1,296	-
2018	3	281	283	24,000	2,063	10,000
2019	3	281	283	24,000	2,063	10,000
2020	3	281	283	24,000	2,063	10,000
2021	3	281	283	24,000	2,063	10,000
2022	3	281	283	24,000	2,063	10,000
2023	3	281	283	24,000	2,063	10,000
2024	3	281	283	24,000	2,063	10,000
2025	3	281	283	24,000	2,063	10,000
2026	3	281	283	24,000	2,063	10,000
2027	3	281	283	24,000	2,063	10,000
2028	3	281	283	24,000	2,063	10,000
2029	3	281	283	24,000	2,063	10,000
2030	3	281	283	24,000	2,063	10,000
H&P/T	1,251	33,865	35,117	1,200,000	244,785	357,358
7 - Year Hist Avg (A-12)	3	281	283	24,000	2,063	10,000
Projected Del. (A-2ba)	34	3,367	3,401	288,000	24,754	120,000

CENTRAL VALLEY PROJECT
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YEAR	CORNING CANAL				COW CREEK UNIT	CROSS VALLEY CANAL		
	CORNING WD	PROBERTA WD	THOMES CREEK WD	TOTAL	BELLA VISTA WD	COUNTY OF FRESNO	COUNTY OF TULARE	HILLS VALLEY ID
1981	24,639	6,771	9,246	40,656	13,064	5,884	6,112	4,594
1982	24,587	5,175	6,827	36,589	10,148	122	224	104
1983	22,615	6,777	5,118	34,510	11,614	2,997	4,001	2,543
1984	32,418	6,513	6,196	45,127	14,226	5,871	7,892	5,081
1985	26,415	5,720	8,119	40,254	12,967	3,088	4,093	2,335
1986	22,710	5,419	8,296	36,425	16,942	207	697	222
1987	31,447	5,090	8,886	45,423	17,343	5,667	8,948	5,265
1988	26,160	6,935	9,238	42,333	14,432	2,919	5,861	2,888
1989	22,850	5,590	8,111	36,551	14,310	2,737	4,841	2,627
1990	14,657	3,122	5,026	22,805	18,326	1,615	3,554	3,477
1991	21,596	1,129	2,477	25,202	6,340	285	1,325	836
1992	-5,209	1,492	1,861	-1,856	5,944	465	1,315	836
1993	14,848	4,324	5,172	24,344	6,987	562	994	1,673
1994	13,536	2,628	3,566	19,730	18,829	1,050	2,018	1,421
1995	11,971	2,107	4,404	18,482	6,918	-	29	-
1996	12,227	2,312	3,106	17,645	9,632	-	-	-
1997	9,261	2,452	1,235	12,948	9,725	-	-	-
1998	5,741	1,731	1,545	9,017	8,591	49	-	348
1999	10,484	3,690	3,518	17,692	9,764	-49	-	-348
2000	12,019	3,500	3,813	19,332	9,757	2,100	-	0
2001	11,607	2,100	3,397	17,104	11,316	1,350	2,418	1,506
2002	9,908	2,441	4,098	16,447	11,354	87	4,138	97
2003	9,257	3,289	3,488	16,034	13,706	1,946	-14	3,612
2004	10,056	3,649	3,068	16,773	14,476	1,567	2,036	2,633
2005	9,519	2,862	3,681	16,062	8,487	383	742	1,465
2006	8,759	2,800	3,003	14,562	8,616	-	-	-
2007	16,919	2,800	3,405	23,124	9,087	1,500	2,654	1,673
2008	11,623	1,482	2,675	15,780	7,699	1,200	1,195	1,338
2009	8,732	1,276	2,144	12,152	4,576	300	1,459	335
2010	8,881	2,493	3,161	14,535	4,733	1,350	2,389	1,506
2011	10,811	2,375	2,779	15,965	4,874	-	6	641
2012	13,916	2,897	2,795	19,608	5,781	-	-6	0
2013	13,625	2,756	3,149	19,530	12,311	1,800	3,185	1,968
2014	3,401	42	1,827	5,270	588	-	-	-
2015	501	-	-	501	941	-	-	-
2016	7,015	256	161	7,432	2,507	-	-	-
2017	6,792	309	102	7,203	2,778	150	150.00	-
2018	8,009	1,234	1,545	10,787	4,254	279	476	373
2019	8,009	1,234	1,545	10,787	4,254	279	476	373
2020	8,009	1,234	1,545	10,787	4,254	279	476	373
2021	8,009	1,234	1,545	10,787	4,254	279	476	373
2022	8,009	1,234	1,545	10,787	4,254	279	476	373
2023	8,009	1,234	1,545	10,787	4,254	279	476	373
2024	8,009	1,234	1,545	10,787	4,254	279	476	373
2025	8,009	1,234	1,545	10,787	4,254	279	476	373
2026	8,009	1,234	1,545	10,787	4,254	279	476	373
2027	8,009	1,234	1,545	10,787	4,254	279	476	373
2028	8,009	1,234	1,545	10,787	4,254	279	476	373
2029	8,009	1,234	1,545	10,787	4,254	279	476	373
2030	8,009	1,234	1,545	10,787	4,254	279	476	373
H&P/T	620,407	132,340	168,774	921,522	414,995	50,823	78,450	55,521
7 - Year Hist Avg (A-12)	8,009	1,234	1,545	10,787	4,254	279	476	373
Projected Del. (A-2ba)	96,105	14,803	18,537	129,444	51,051	3,343	5,717	4,473

CENTRAL VALLEY PROJECT
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YEAR	CROSS VALLEY CANAL					DELTA-MENDOTA CANAL		
	KERN-TULARE WD	LOWER TULE RIVER ID - CVC	PIXLEY ID	TRI-VALLEY WD	TOTAL	BANTA-CARBONA ID	BYRON BETHANY ID	DEL PUERTO WD
1981	102,024	61,004	61,004	2,080	242,702	18,173	20,461	154,344
1982	4,688	1,264	2,081	48	8,531	9,290	15,399	105,131
1983	55,744	31,070	31,070	1,140	128,565	16,091	20,752	135,903
1984	78,747	47,882	60,868	2,236	208,577	20,165	26,333	190,619
1985	56,999	45,002	32,016	1,091	144,624	12,321	19,448	143,872
1986	29,233	2,118	1,534	99	34,110	19,859	16,106	125,581
1987	88,623	58,777	58,777	2,221	228,278	19,137	24,014	152,810
1988	58,673	30,266	30,266	836	131,709	13,099	22,111	153,789
1989	48,275	26,023	36,296	895	121,694	17,741	18,675	119,827
1990	35,900	23,197	24,824	1,187	93,754	10,727	13,219	87,692
1991	14,744	7,728	6,737	285	31,940	6,062	5,420	45,772
1992	14,574	7,824	8,915	285	34,214	5,849	5,167	40,834
1993	10,649	5,822	5,822	571	26,093	7,816	9,264	62,632
1994	19,934	10,074	10,186	428	45,111	8,327	9,932	74,003
1995	-1,279	312	4,894	266	4,222	5,529	16,557	108,456
1996	-	-	-	-	-	4,877	15,906	107,381
1997	-	21,250	21,250	0	42,500	18,054	12,745	106,009
1998	-	8,613	8,613	0	17,623	11,897	9,642	88,329
1999	-	3,375	-3,375	0	-397	12,581	12,456	89,632
2000	38,229	25,489	17,358	9	83,185	8,940	10,049	66,102
2001	56,066	24,111	32,542	514	118,507	7,012	10,374	93,404
2002	8,048	26,024	21,524	823	60,741	12,947	10,275	90,693
2003	39,966	6,273	1,773	64	53,620	17,439	10,897	99,167
2004	21,219	9,453	10,094	438	47,440	13,573	17,853	111,975
2005	9,664	6,650	10,791	354	30,049	11,273	14,545	85,094
2006	-	2,469	2,469	-	4,938	17,260	11,256	77,075
2007	26,650	15,551	15,551	571	64,150	7,020	9,383	74,071
2008	11,845	7,236	7,236	457	30,507	8,230	6,302	41,062
2009	9,475	8,315	8,315	114	28,313	2,814	2,684	33,588
2010	5,330	7,350	7,350	514	25,789	6,386	4,839	30,043
2011	30,315	4,528	4,528	-	40,018	7,394	8,492	74,697
2012	-	4,712	4,712	-	9,418	6,403	7,136	63,708
2013	29,916	10,241	10,241	457	57,809	1,600	1,699	33,000
2014	2,064	3,908	3,708	-	9,680	15	2,237	8,228
2015	271	-200	-	-	71	462	571	3,711
2016	-271	-	-	-	-271	3,138	422	3,993
2017	-	-	-	300	600	184	3,108	35,121
2018	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2019	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2020	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2021	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2022	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2023	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2024	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2025	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2026	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2027	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2028	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2029	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
2030	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
H&P/T	1,022,006	596,776	603,035	20,404	2,427,016	405,331	469,678	3,530,484
7 - Year Hist Avg (A-12)	8,899	3,313	3,313	163	16,816	2,742	3,381	31,780
Projected Del. (A-2ba)	106,791	39,753	39,753	1,958	201,787	32,907	40,569	381,357

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YEAR	DELTA-MENDOTA CANAL							
	EAGLE FIELD WD	MERCY SPRINGS WD 1/	ORO LOMA WD 1/	PACHECO WD - DMC	PANOCHÉ WD - DMC	PATTERSON WD	SAN LUIS WD - DMC	WEST SIDE ID 1/
1981	4,311	2,792	650	4,868	62,885	13,687	55,964	4,889
1982	5,420	2,517	670	2,013	45,305	2,242	36,832	2,503
1983	3,717	2,072	600	2,610	35,311	10,062	56,820	2,500
1984	4,931	4,041	682	3,109	65,979	22,456	63,588	3,348
1985	5,065	2,614	599	2,713	58,298	16,975	37,806	2,599
1986	4,717	2,097	568	3,535	38,741	13,464	23,382	2,625
1987	3,903	3,751	633	6,633	40,912	17,651	29,071	2,374
1988	4,738	2,261	592	3,265	39,531	17,217	31,488	2,466
1989	3,179	2,535	564	4,164	32,156	13,558	25,376	2,533
1990	3,539	2,189	343	2,982	21,511	10,377	7,085	1,345
1991	2,305	852	146	1,760	9,031	5,700	8,172	402
1992	929	430	129	1,502	4,276	4,346	8,237	811
1993	2,217	1,563	354	446	4,123	11,398	8,442	918
1994	2,794	1,569	270	2,263	4,928	4,179	7,425	1,549
1995	2,660	1,582	550	90	4,644	18,073	15,000	1,250
1996	4,379	1,234	550	-	4,020	9,319	14,971	997
1997	4,821	2,561	414	-	3,874	17,629	13,234	2,887
1998	3,016	1,821	619	-	3,939	4,160	7,720	972
1999	3,526	1,840	419	-	5,025	11,687	14,662	1,371
2000	3,224	1,874	385	-	6,527	10,500	8,893	1,410
2001	810	1,656	220	-	4,796	7,650	8,935	1,546
2002	2,634	1,615	407	-	5,941	11,299	7,803	1,794
2003	4,073	1,146	485	-	2,955	9,961	22,274	1,795
2004	4,094	3,340	309	-	4,184	14,050	21,209	2,113
2005	2,295	-	579	-	7,832	13,200	13,401	933
2006	3,884	-	-	-	12,951	10,850	9,796	1,598
2007	4,270	1,550	297	-	8,715	8,362	30,289	1,250
2008	1,888	361	240	-	2,145	7,480	8,088	867
2009	-	929	60	-	3,364	3,850	3,995	133
2010	1,266	224	274	-	131	6,441	2,423	727
2011	4,167	944	476	-	16,999	8,395	13,075	1,399
2012	2,671	1,232	203	-	6,393	6,600	17,432	2,013
2013	773	601	119	-	659	3,300	989	684
2014	170	524	-	-	56	312	693	208
2015	168	-	-	-	-	-	1,854	-
2016	228	103	-	-	-	825	740	125
2017	1,966	450	177	-	14,896	3,000	3,706	-
2018	1,449	551	139	143	5,572	3,205	5,498	633
2019	1,449	551	139	143	5,572	3,205	5,498	633
2020	1,449	551	139	143	5,572	3,205	5,498	633
2021	1,449	551	139	143	5,572	3,205	5,498	633
2022	1,449	551	139	143	5,572	3,205	5,498	633
2023	1,449	551	139	143	5,572	3,205	5,498	633
2024	1,449	551	139	143	5,572	3,205	5,498	633
2025	1,449	551	139	143	5,572	3,205	5,498	633
2026	1,449	551	139	143	5,572	3,205	5,498	633
2027	1,449	551	139	143	5,572	3,205	5,498	633
2028	1,449	551	139	143	5,572	3,205	5,498	633
2029	1,449	551	139	143	5,572	3,205	5,498	633
2030	1,449	551	139	143	5,572	3,205	5,498	633
H&P/T	127,585	64,028	15,392	43,810	655,467	391,914	712,350	65,157
7 - Year Hist Avg (A-12)	1,449	551	139	143	5,572	3,205	5,498	633
Projected Del. (A-2ba)	17,388	6,607	1,671	1,714	66,862	38,455	65,981	7,592

CENTRAL VALLEY PROJECT
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FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS

YEAR	DELTA-MENDOTA CANAL		DELTA-MENDOTA POOL					
	WEST STANISLAUS ID	TOTAL	COELHO TRUST	FRESNO SLOUGH WD	JAMES ID	LAGUNA WD	RECL DIST #1606	TRANQUILLITY ID
1981	56,252	399,275	7,079	4,417	50,834	1,100	228	14,335
1982	45,088	272,410	4,030	4,651	31,039	800	228	10,734
1983	51,579	338,016	3,939	1,782	6,285	684	228	7,148
1984	68,772	474,024	7,773	5,889	68,576	916	228	22,256
1985	55,148	357,457	4,033	4,152	34,318	800	228	15,346
1986	51,734	302,408	3,718	2,291	21,718	800	228	11,458
1987	56,650	357,539	4,660	5,533	49,236	1,600	228	14,675
1988	52,723	343,280	2,197	3,498	35,504	800	99	15,893
1989	49,379	289,687	5,311	3,524	30,778	800	252	9,474
1990	25,361	186,370	4,779	3,462	21,680	400	100	11,922
1991	12,071	97,694	1,471	559	8,808	200	95	2,829
1992	13,400	85,910	1,198	1,472	9,201	200	57	3,450
1993	24,898	134,070	3,731	1,314	17,309	400	12	6,875
1994	29,905	147,143	2,745	2,021	14,807	333	230	5,893
1995	25,000	199,391	62	2,458	8,658	635	-	6,009
1996	39,811	203,445	1,768	6,795	46,806	1,090	32	15,205
1997	48,599	230,828	2,080	3,144	31,995	400	30	10,515
1998	29,300	161,415	2,416	2,316	11,628	800	175	8,912
1999	30,484	183,683	1,120	3,840	35,262	-	14	4,131
2000	27,763	145,667	1,352	3,179	23,542	1,080	250	11,334
2001	28,133	164,536	1,014	2,209	16,318	360	44	9,331
2002	37,520	182,927	1,435	1,884	23,503	622	236	8,591
2003	38,351	208,543	1,664	4,303	28,646	600	-	11,774
2004	35,812	228,511	1,352	2,413	25,626	520	329	9,654
2005	30,928	180,079	1,076	2,331	29,148	40	35	2,184
2006	37,327	181,997	2,238	2,144	24,153	-	156	1,957
2007	30,598	175,805	1,920	1,890	20,550	542	66	5,985
2008	17,764	94,427	-	1,004	6,440	320	173	5,582
2009	4,123	55,540	1,040	1,312	9,159	80	52	2,818
2010	14,079	66,832	798	204	15,337	360	88	6,209
2011	16,611	152,649	1,527	-94	14,774	640	17	5,550
2012	14,493	128,284	1,107	400	19,562	320	130	5,507
2013	9,515	52,939	228	2,000	7,993	160	23	5,716
2014	1,255	13,698	-228	-	525	-	28	-512
2015	7,320	14,086	377	-	1,234	-	-	32
2016	71	9,645	-	-	1,016	-	-	690
2017	22	62,630	1,540	2,358	5,816	-	-	1,533
2018	7,041	62,133	650	666	7,274	160	28	2,645
2019	7,041	62,133	650	666	7,274	160	28	2,645
2020	7,041	62,133	650	666	7,274	160	28	2,645
2021	7,041	62,133	650	666	7,274	160	28	2,645
2022	7,041	62,133	650	666	7,274	160	28	2,645
2023	7,041	62,133	650	666	7,274	160	28	2,645
2024	7,041	62,133	650	666	7,274	160	28	2,645
2025	7,041	62,133	650	666	7,274	160	28	2,645
2026	7,041	62,133	650	666	7,274	160	28	2,645
2027	7,041	62,133	650	666	7,274	160	28	2,645
2028	7,041	62,133	650	666	7,274	160	28	2,645
2029	7,041	62,133	650	666	7,274	160	28	2,645
2030	7,041	62,133	650	666	7,274	160	28	2,645
H&P/T	1,209,372	7,690,569	91,002	99,317	902,350	20,482	4,687	325,382
7 - Year Hist Avg (A-12)	7,041	62,133	650	666	7,274	160	28	2,645
Projected Del. (A-2ba)	84,492	745,595	7,802	7,995	87,291	1,920	339	31,742

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	DELTA-MENDOTA POOL			FRIANT DAM	FRIANT-KERN CANAL		
	TRANQUILLITY PUD	WESTLANDS WD - DMP	TOTAL	GRAVELLY FORD WD	ARVIN-EDISON WSD CLASS 1	ARVIN-EDISON WSD CLASS 2	ARVIN-EDISON WSD TOTAL
1981	140	50,954	129,087	0	63,616	20,516	84,132
1982	44	21,444	72,970	14,000	10,656	386,858	397,514
1983	44	59,269	79,379	14,000	56,006	308,377	364,383
1984	116	26,593	132,347	5,740	23,994	140,052	164,046
1985	24	17,472	76,373	2,660	77,698	32,153	109,851
1986	68	15,106	55,387	14,280	2,302	320,641	322,943
1987	54	7,956	83,942	-	60,617	8,987	69,604
1988	88	20,492	78,571	-	44,855	-	44,855
1989	68	24,326	74,533	-	34,479	-	34,479
1990	54	1,506	43,903	-	25,096	-	25,096
1991	57	-	14,019	-	40,599	-	40,599
1992	19	-	15,597	-	47,829	-	47,829
1993	19	-	29,660	12,600	16,578	259,020	275,598
1994	21	3,240	29,290	-	93,658	23,390	117,048
1995	20	-	17,842	11,394	10,801	239,834	250,635
1996	70	25,984	97,750	12,830	45,022	252,916	297,938
1997	75	3,185	51,424	12,416	36,512	175,901	212,413
1998	28	5,563	31,838	2,659	59,232	56,131	115,363
1999	27	7,624	52,018	7,458	26,583	70,024	96,607
2000	22	2,716	43,475	4,430	80,774	117,688	198,462
2001	19	3,270	32,565	3,586	61,846	10,740	72,586
2002	19	856	37,146	8,285	26,930	33,394	60,324
2003	30	4,313	51,330	8,018	39,102	48,147	87,249
2004	98	13	40,005	11,596	70,270	6,377	76,647
2005	67	-	34,881	7,367	48,436	261,317	309,753
2006	41	-	30,689	7,503	26,847	109,472	136,319
2007	6	-	30,959	8,193	42,118	10,334	52,452
2008	49	102	13,670	8,533	34,181	15,584	49,765
2009	-	0	14,461	2,400	35,726	50,428	86,154
2010	20	446	23,462	7,968	25,829	174,078	199,907
2011	23	-	22,437	6,032	36,391	176,681	213,072
2012	21	-	27,047	-	57,012	12,402	69,414
2013	-	-	16,120	-	32,440	-	32,440
2014	-	-	-187	-	5,439	-	5,439
2015	-	-	1,643	-	-	-	-
2016	-	-	1,706	999	12,757	22,197	34,954
2017	-	21	11,268	-	13,890	44,669	58,559
2018	10	3,571	15,006	1,004	22,561	36,564	59,125
2019	10	3,571	15,006	1,004	22,561	36,564	59,125
2020	10	3,571	15,006	1,004	22,561	36,564	59,125
2021	10	3,571	15,006	1,004	22,561	36,564	59,125
2022	10	3,571	15,006	1,004	22,561	36,564	59,125
2023	10	3,571	15,006	1,004	22,561	36,564	59,125
2024	10	3,571	15,006	1,004	22,561	36,564	59,125
2025	10	3,571	15,006	1,004	22,561	36,564	59,125
2026	10	3,571	15,006	1,004	22,561	36,564	59,125
2027	10	3,571	15,006	1,004	22,561	36,564	59,125
2028	10	3,571	15,006	1,004	22,561	36,564	59,125
2029	10	3,571	15,006	1,004	22,561	36,564	59,125
2030	10	3,571	15,006	1,004	22,561	36,564	59,125
H&P/T	1,581	348,880	1,793,679	208,005	1,719,418	3,863,642	5,583,060
7 - Year Hist Avg (A-12)	10	3,571	15,006	1,004	22,561	36,564	59,125
Projected Del. (A-2ba)	120	42,857	180,067	12,053	270,735	438,770	709,505

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL								
	DELANO- EARLIMART ID CLASS 1	DELANO- EARLIMART ID CLASS 2	DELANO- EARLIMART ID TOTAL	EXETER ID CLASS 1	EXETER ID CLASS 2	EXETER ID TOTAL	FRESNO ID CLASS 1	FRESNO ID CLASS 2	FRESNO ID TOTAL
1981	145,778	4,470	150,248	11,866	1,399	13,265	25,209	4,245	29,454
1982	74,556	84,930	159,486	8,920	22,040	30,960	23,000	85,211	108,211
1983	107,765	74,500	182,265	12,273	7,283	19,556	661	75,000	75,661
1984	136,305	35,760	172,065	11,466	9,120	20,586	39,339	30,750	70,089
1985	120,890	9,126	130,016	11,520	2,280	13,800	16,785	10,946	27,731
1986	88,435	84,429	172,864	9,499	19,380	28,879	215	79,703	79,918
1987	111,205	49	111,254	10,564	380	10,944	20,406	1,601	22,007
1988	97,543	-	97,543	10,110	-	10,110	14,260	-	14,260
1989	94,873	-	94,873	10,396	-	10,396	9,322	-	9,322
1990	85,194	-	85,194	7,869	-	7,869	2,934	-	2,934
1991	99,320	-	99,320	11,520	-	11,520	7,238	-	7,238
1992	100,028	-	100,028	9,166	-	9,166	2,049	-	2,049
1993	92,059	67,050	159,109	10,947	17,100	28,047	505	67,500	68,005
1994	104,223	-	104,223	9,708	-	9,708	10,886	-	10,886
1995	34,195	39,811	74,006	8,359	19,000	27,359	-9,376	8,014	-1,362
1996	144,493	71,960	216,453	12,487	11,020	23,507	-	101,874	101,874
1997	103,534	47,815	151,349	10,942	5,700	16,642	-	41,038	41,038
1998	39,775	5,382	45,157	9,941	3,586	13,527	-	-333	-333
1999	71,929	2,068	73,997	11,364	3,800	15,164	-	27,021	27,021
2000	206,775	42,597	249,372	11,819	4,639	16,458	-	-3,362	-3,362
2001	105,740	6,230	111,970	11,747	1,330	13,077	-	3,335	3,335
2002	119,156	6,000	125,156	10,438	1,737	12,175	-	6,503	6,503
2003	97,541	30,595	128,136	10,460	2,075	12,535	-	3,884	3,884
2004	107,320	5,960	113,280	10,578	1,520	12,098	-	5,450	5,450
2005	110,388	54,300	164,688	13,439	5,401	18,840	-	728	728
2006	82,140	60,459	142,599	7,241	5,259	12,500	-	2,870	2,870
2007	99,774	996	100,770	8,590	0	8,590	-	4,462	4,462
2008	99,953	3,725	103,678	9,509	950	10,459	-	3,750	3,750
2009	104,131	19,087	123,218	13,133	995	14,128	-	24,150	24,150
2010	93,758	63,441	157,199	7,543	10,776	18,319	-	28,652	28,652
2011	85,858	49,240	135,098	11,902	2,240	14,142	-	4,571	4,571
2012	111,209	2,895	114,104	7,551	22	7,573	-	136	136
2013	72,122	-	72,122	7,740	-	7,740	-	-	-
2014	19,633	-	19,633	2,437	-	2,437	-	-	-
2015	8,790	-	8,790	436	-	436	-	-	-
2016	75,486	5,316	80,802	5,990	1,356	7,346	-	6607	6,607
2017	90,625	44,212	134,837	10,483	6,281	16,764	-	708	708
2018	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2019	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2020	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2021	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2022	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2023	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2024	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2025	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2026	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2027	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2028	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2029	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
2030	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
H&P/T	4,403,699	1,111,206	5,514,905	446,383	185,053	631,435	163,433	647,341	810,774
7 - Year Hist Avg (A-12)	66,246	14,523	80,769	6,648	1,414	8,063	-	1,717	1,717
Projected Del. (A-2ba)	794,954	174,279	969,233	79,781	16,970	96,751	-	20,609	20,609

09/12/2018

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL								
	GARFIELD WD	HILLS VALLEY ID	INTERNATIONAL WD	IVANHOE ID 1/	IVANHOE ID 1/	IVANHOE ID 1/	KAWEAH DELTA WCD 1/	KAWEAH DELTA WCD 1/	KAWEAH DELTA WCD 1/
	CLASS 1	CLASS 1	CLASS 1	CLASS 1	CLASS 2	TOTAL	CLASS 1	CLASS 2	TOTAL
1981	3,988		1,367	9,157	30	9,187	-	-	-
1982	2,695		1,689	5,726	530	6,256	-	-	-
1983	3,696		1,547	7,413	500	7,913	-	-	-
1984	4,530		1,350	5,960	240	6,200	-	-	-
1985	3,162		1,093	7,224	60	7,284	-	-	-
1986	3,038		1,204	6,114	520	6,634	-	-	-
1987	3,761		1,033	5,793	-	5,793	-	-	-
1988	2,369		982	6,543	-	6,543	-	-	-
1989	3,427		1,244	4,953	-	4,953	-	-	-
1990	3,662		909	5,325	-	5,325	-	-	-
1991	2,382		1,199	6,082	-	6,082	-	-	-
1992	4,178		785	6,213	-	6,213	-	-	-
1993	4,077		1,266	5,371	450	5,821	-	-	-
1994	3,168		901	6,042	-	6,042	-	-	-
1995	1,685		836	4,220	439	4,659	-	-	-
1996	4,319		1,416	6,957	351	7,308	-	-	-
1997	3,306		1,189	6,286	201	6,486	-	-	-
1998	1,117		283	6,064	69	6,133	-	-	-
1999	5,484		1,502	7,774	100	7,874	-	-	-
2000	3,228		1,198	5,696	121	5,817	-	-	-
2001	3,180		1,413	6,702	25	6,727	-	-	-
2002	3,855		1,156	6,647	46	6,693	-	-	-
2003	3,413		1,276	6,695	264	6,959	-	-	-
2004	4,077		1,084	5,839	40	5,879	-	-	-
2005	3,304		1,057	8,209	237	8,445	-	-	-
2006	3,521		1,071	4,304	280	4,583	-	-	-
2007	1,747		1,091	5,884	-	5,884	-	-	-
2008	2,886	-	1,038	5,083	25	5,108	-	-	-
2009	2,200	-	1,359	5,966	39	6,006	-	-	-
2010	4,542	-	964	7,216	1,360	8,576	-	7,400	7,400
2011	1,778	-	1,080	5,165	200	5,365	1,200	7,400	8,600
2012	2,783	-	906	4,011	300	4,311	2,019	-	2,019
2013	3,097	-	817	7,141	-	7,141	780	-	780
2014	831	608	31	-	-	-	236	-	236
2015	-	127	66	314	-	314	-	-	-
2016	1,175	441	569	3,775	36	3,811	900	528	1,428
2017	1,356	724	618	5,764	500	6,264	60	7,400	7,460
2018	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2019	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2020	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2021	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2022	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2023	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2024	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2025	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2026	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2027	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2028	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2029	1,574	271	584	3,739	148	3,887	742	2,190	2,932
2030	1,574	271	584	3,739	148	3,887	742	2,190	2,932
H&P/T	131,483	5,429	46,179	262,227	8,887	271,115	14,843	51,194	66,037
7 - Year Hist Avg (A-12)	1,574	271	584	3,739	148	3,887	742	2,190	2,932
Projected Del. (A-2ba)	18,891	3,257	7,006	44,863	1,776	46,639	8,906	26,277	35,182

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL								
	KERN TULARE WD 1/ CLASS 2	LEWIS CREEK WD 1/ CLASS 1	LINDMORE ID CLASS 1	LINDMORE ID CLASS 2	LINDMORE ID TOTAL	LINDSAY- STRATHMORE ID CLASS 1	LOWER TULE RIVER ID - FKC CLASS 1	LOWER TULE RIVER ID - FKC CLASS 2	LOWER TULE RIVER ID - FKC TOTAL
1981	-	1,250	34,882	1,620	36,502	28,744	89,142	12,400	101,542
1982	-	1,200	32,747	25,520	58,267	27,915	25,644	288,724	314,368
1983	-	899	23,514	22,278	45,792	20,346	37,829	244,302	282,131
1984	-	1,442	46,266	10,560	56,826	45,088	100,527	111,754	212,281
1985	-	1,200	31,531	2,640	34,171	26,777	80,838	25,805	106,643
1986	-	1,200	32,321	22,880	55,201	26,985	14,482	248,879	263,361
1987	-	1,083	27,644	-	27,644	28,555	95,804	4,760	100,564
1988	-	945	35,548	-	35,548	27,195	49,578	-	49,578
1989	-	1,074	32,121	-	32,121	28,217	59,265	-	59,265
1990	-	947	23,917	-	23,917	19,730	48,069	-	48,069
1991	-	1,041	29,570	-	29,570	23,916	61,014	-	61,014
1992	-	1,155	31,047	-	31,047	35,335	46,787	-	46,787
1993	-	1,200	34,712	19,800	54,512	18,462	61,564	214,200	275,764
1994	-	960	26,329	-	26,329	33,984	52,678	-	52,678
1995	-	1,313	25,302	22,000	47,302	17,116	11,725	164,462	176,187
1996	-	1,087	34,169	12,760	46,929	32,403	107,632	211,263	318,895
1997	-	1,882	31,112	12,142	43,254	31,115	63,700	136,963	200,663
1998	-	445	28,692	3,500	32,192	7,517	17,689	43,608	61,297
1999	-	1,165	37,417	4,400	41,817	35,447	87,194	48,346	135,540
2000	-	144	32,183	9,688	41,871	28,321	59,591	140,157	199,748
2001	-	-	37,773	1,100	38,873	28,841	71,199	10,684	81,883
2002	-	-	30,345	2,011	32,356	26,873	58,967	27,736	86,703
2003	-	-	32,315	5,480	37,795	26,187	42,965	61,135	104,100
2004	-	3,249	33,559	1,760	35,319	29,033	76,682	30,819	107,501
2005	-	479	29,152	6,620	35,772	25,070	58,860	156,377	215,237
2006	-	2,246	30,603	8,156	38,759	24,692	53,641	148,510	202,151
2007	-	397	24,849	275	25,124	19,967	45,430	0	45,430
2008	-	727	32,008	1,100	33,108	25,891	61,465	11,900	73,365
2009	-	924	27,273	2,163	29,436	25,083	61,416	57,489	118,905
2010	-	1,638	39,175	12,679	51,854	29,730	60,268	148,714	208,982
2011	-	1,032	20,355	12,346	32,701	20,451	13,573	28,690	42,263
2012	-	448	30,288	565	30,853	24,708	89,018	2,450	91,468
2013	-	622	25,942	-	25,942	18,759	46,471	1,594	48,065
2014	-	153	6,395	-	6,395	3,458	1,503	-	1,503
2015	-	-	-	-	-	40	2,362	-	2,362
2016	357	822	19,279	1,570	20,849	15,319	42,949	16,982	59,931
2017	8,802	1,229	22,180	19,836	42,016	25,100	35,658	144,791	180,449
2018	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2019	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2020	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2021	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2022	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2023	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2024	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2025	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2026	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2027	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2028	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2029	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
2030	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
H&P/T	26,169	43,594	1,303,616	309,181	1,612,797	1,112,635	2,423,171	3,104,721	5,527,892
7 - Year Hist Avg (A-12)	1,308	615	17,777	4,902	22,679	15,405	33,076	27,787	60,863
Projected Del. (A-2ba)	15,701	7,380	213,324	58,829	272,153	184,860	396,915	333,441	730,356

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL						
	ORANGE COVE ID CLASS 1	PORTERVILLE ID CLASS 1	PORTERVILLE ID CLASS 2	PORTERVILLE ID TOTAL	SAUCELITO ID CLASS 1	SAUCELITO ID CLASS 2	SAUCELITO ID TOTAL
1981	39,040	21,892	2,132	24,024	22,921	2,078	24,999
1982	34,100	11,956	34,851	46,807	21,600	37,562	59,162
1983	35,093	11,027	30,000	41,027	24,506	32,800	57,306
1984	47,525	18,166	14,400	32,566	12,870	15,303	28,173
1985	37,841	18,956	2,358	21,314	27,543	1,753	29,296
1986	38,600	11,464	31,555	43,019	18,403	37,408	55,811
1987	30,768	16,746	600	17,346	23,215	656	23,871
1988	37,046	12,250	-	12,250	18,465	-	18,465
1989	36,142	14,396	-	14,396	23,202	-	23,202
1990	26,716	10,910	-	10,910	17,203	-	17,203
1991	35,815	13,104	-	13,104	22,495	-	22,495
1992	48,563	16,274	-	16,274	24,096	-	24,096
1993	34,285	12,520	27,000	39,520	17,080	29,520	46,600
1994	36,537	16,685	-	16,685	24,808	-	24,808
1995	23,416	4,960	29,589	34,549	14,734	22,820	37,554
1996	43,215	24,325	17,811	42,136	25,343	27,957	53,300
1997	30,390	12,958	17,460	30,418	18,340	21,568	39,908
1998	28,992	12,370	3,000	15,370	12,358	3,280	15,638
1999	37,039	18,385	6,000	24,385	28,678	6,560	35,238
2000	51,537	14,693	8,154	22,847	20,712	19,337	40,049
2001	37,124	14,548	2,100	16,648	22,367	1,640	24,007
2002	37,731	16,241	2,743	18,984	21,188	2,999	24,187
2003	35,039	15,671	10,704	26,375	21,651	9,497	31,148
2004	49,042	15,129	1,500	16,629	21,822	2,624	24,446
2005	32,162	15,870	15,914	31,784	21,294	22,610	43,904
2006	34,213	14,642	14,010	28,652	22,828	20,191	43,019
2007	26,652	10,110	-	10,110	11,770	-	11,770
2008	37,027	13,018	1,500	14,518	21,201	1,640	22,841
2009	32,059	16,645	9,010	25,655	20,290	10,207	30,497
2010	40,628	25,535	7,918	33,453	24,935	16,026	40,961
2011	38,060	11,455	3,487	14,942	18,820	14,158	32,978
2012	20,489	11,904	2,568	14,472	17,995	38	18,033
2013	30,705	10,757	-	10,757	13,587	-	13,587
2014	4,890	1,388	-	1,388	5,271	-	5,271
2015	3,676	-	-	-	182	-	182
2016	21,904	11,180	2,100	13,280	11,194	2,296	13,490
2017	21,054	14,883	11,226	26,109	15,697	16,593	32,290
2018	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2019	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2020	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2021	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2022	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2023	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2024	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2025	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2026	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2027	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2028	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2029	20,111	8,795	2,769	11,564	11,821	4,726	16,547
2030	20,111	8,795	2,769	11,564	11,821	4,726	16,547
H&P/T	1,496,560	627,356	345,683	973,039	864,335	440,565	1,304,900
7 - Year Hist Avg (A-12)	20,111	8,795	2,769	11,564	11,821	4,726	16,547
Projected Del. (A-2ba)	241,334	105,544	33,225	138,769	141,850	56,717	198,567

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL								
	SHAFTER- WASCO ID CLASS 1	SHAFTER- WASCO ID CLASS 2	SHAFTER- WASCO ID TOTAL	SO SAN JOAQUIN MUD 1/ CLASS 1	SO SAN JOAQUIN MUD 1/ CLASS 2	SO SAN JOAQUIN MUD 1/ TOTAL	STONE CORRAL ID CLASS 1	TEA POT DOME WD CLASS 1	TERRA BELLA ID CLASS 1
1981	63,709	2,917	66,626	110,326	2,700	113,026	10,647	9,972	29,415
1982	31,594	45,936	77,530	77,645	50,400	128,045	8,667	3,990	29,036
1983	54,680	39,600	94,280	85,147	45,000	130,147	9,347	6,855	10,256
1984	60,792	19,008	79,800	128,302	21,600	149,902	12,662	11,363	49,430
1985	59,602	2,696	62,298	101,545	2,345	103,890	9,974	6,582	27,732
1986	33,016	43,767	76,783	80,970	50,469	131,439	10,189	7,732	29,689
1987	54,379	-	54,379	91,239	-	91,239	6,668	5,553	22,176
1988	43,351	-	43,351	91,277	-	91,277	10,812	6,801	26,648
1989	49,900	-	49,900	93,592	-	93,592	9,019	6,505	28,085
1990	32,445	-	32,445	71,559	-	71,559	7,368	5,945	19,976
1991	44,297	-	44,297	83,273	-	83,273	9,208	6,060	28,257
1992	56,534	-	56,534	112,028	-	112,028	10,266	7,956	29,794
1993	56,306	36,090	92,396	89,746	40,500	130,246	9,463	6,689	26,363
1994	43,581	-	43,581	98,675	-	98,675	6,835	7,200	23,832
1995	26,702	37,254	63,956	44,312	45,000	89,312	8,763	6,300	28,641
1996	48,755	29,000	77,755	123,086	26,100	149,186	8,300	7,551	28,649
1997	37,935	30,896	68,831	95,959	27,000	122,959	10,099	6,998	27,252
1998	18,502	3,966	22,468	56,362	12,406	68,768	3,897	4,710	20,845
1999	64,577	7,834	72,411	116,775	9,000	125,775	9,707	9,804	31,422
2000	57,545	14,189	71,734	121,599	10,544	132,143	13,147	6,670	28,290
2001	55,149	1,493	56,642	96,037	2,250	98,287	9,493	7,648	28,670
2002	47,322	3,617	50,939	100,978	4,114	105,092	9,452	7,059	28,624
2003	43,719	15,043	58,762	99,641	19,406	119,047	11,568	6,013	25,321
2004	60,474	2,752	63,226	101,470	3,600	105,070	10,741	7,745	27,375
2005	42,087	23,272	65,359	72,935	5,225	78,160	8,590	7,122	28,686
2006	47,145	22,226	69,371	105,434	6,625	112,059	8,362	6,342	30,598
2007	35,119	650	35,769	74,371	-	74,371	6,790	6,108	17,280
2008	47,132	1,980	49,112	85,111	2,250	87,361	10,428	6,897	27,197
2009	40,704	8,105	48,809	103,423	14,030	117,453	8,972	6,772	29,726
2010	57,425	17,103	74,528	93,773	24,080	117,853	10,844	7,386	27,043
2011	42,769	15,541	58,310	67,095	68,231	135,326	10,791	6,863	26,390
2012	36,697	145	36,842	90,874	-	90,874	5,377	4,486	19,257
2013	38,300	-	38,300	63,588	-	63,588	7,103	4,171	16,568
2014	8,763	2,505	11,268	9,912	-	9,912	1,976	795	3,853
2015	-	-	-	288	-	288	1,000	-	-
2016	29,268	2,826	32,094	54,042	3,211	57,253	5,343	4,047	15,601
2017	34,617	43,526	78,143	75,392	45,000	120,392	10,388	5,427	22,029
2018	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2019	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2020	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2021	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2022	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2023	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2024	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2025	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2026	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2027	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2028	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2029	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
2030	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
H&P/T	1,958,518	593,803	2,552,321	3,838,564	757,333	4,595,898	400,215	284,011	1,112,588
7 - Year Hist Avg (A-12)	27,202	9,220	36,422	51,599	16,635	68,233	5,997	3,684	14,814
Projected Del. (A-2ba)	326,424	110,645	437,069	619,185	199,614	818,799	71,962	44,210	177,768

09/12/2018

CENTRAL VALLEY PROJECT

SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	FRIANT-KERN CANAL FRIANT (FKC)							HIDDEN UNIT
	TRI-VALLEY WD CLASS 1	TULARE ID CLASS 1	TULARE ID CLASS 2	TULARE ID TOTAL	FKC TOTAL CLASS 1	FKC TOTAL CLASS 2	FKC TOTAL	MADERA ID -HU
1981		59,218	5,596	64,814	782,139	60,103	842,242	24,000
1982		6,147	169,422	175,569	439,482	1,231,984	1,671,466	24,000
1983		24,469	141,000	165,469	533,329	1,020,640	1,553,969	24,000
1984		34,569	57,810	92,379	791,945	466,357	1,258,302	24,000
1985		33,553	15,820	49,373	702,046	107,982	810,028	24,000
1986		24,552	148,224	172,776	440,410	1,087,855	1,528,265	24,000
1987		25,114	2,820	27,934	642,322	19,853	662,175	24,000
1988		35,860	-	35,860	572,438	-	572,438	24,000
1989		29,659	-	29,659	569,871	-	569,871	24,000
1990		21,435	-	21,435	437,209	-	437,209	24,000
1991		36,827	-	36,827	563,217	-	563,217	24,000
1992		23,337	-	23,337	613,420	-	613,420	24,000
1993		16,621	126,900	143,521	515,815	905,130	1,420,945	24,000
1994		53,569	-	53,569	654,259	23,390	677,649	24,000
1995		891	63,463	64,354	264,894	691,686	956,580	24,000
1996		40,640	163,006	203,646	739,850	926,018	1,665,868	24,000
1997		8,137	75,946	84,083	537,646	592,630	1,130,276	24,000
1998		21,297	24,316	45,613	350,089	158,910	508,999	24,000
1999		30,566	-	30,566	632,812	185,153	817,965	24,000
2000		73,323	85,594	158,917	817,245	449,347	1,266,592	24,000
2001		28,038	6,464	34,502	627,515	47,391	674,906	24,000
2002		40,906	8,921	49,827	593,868	99,821	693,688	24,000
2003		31,334	40,206	71,540	549,912	246,436	796,348	24,000
2004		34,213	30,931	65,144	669,703	93,333	763,036	24,000
2005		19,507	115,677	135,184	546,647	667,677	1,214,324	24,000
2006		26,506	69,755	96,261	532,375	467,813	1,000,188	24,000
2007		19,088	-	19,088	457,136	16,717	473,853	24,000
2008		32,462	7,050	39,512	553,214	51,454	604,668	24,000
2009		28,094	39,881	67,975	563,897	235,584	799,481	24,000
2010		57,564	71,829	129,393	615,796	584,056	1,199,851	24,000
2011		5,088	18,289	23,377	426,116	401,074	827,190	24,000
2012		33,341	7,211	40,552	570,373	28,732	599,105	24,000
2013		21,975	-	21,975	422,685	1,594	424,279	24,000
2014	-	6,455	-	6,455	84,027	2,505	86,532	24,000
2015	9	-	-	-	17,290	-	17,290	24,000
2016	75	22,759	10,061	32,820	354,875	75,443	430,318	24,000
2017	119	21,564	3,257	24,821	428,857	396,801	825,658	24,000
2018	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2019	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2020	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2021	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2022	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2023	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2024	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2025	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2026	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2027	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2028	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2029	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
2030	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
H&P/T	946	1,235,159	1,581,540	2,816,698	23,894,361	13,026,316	36,920,677	1,200,000
7 - Year Hist Avg (A-12)	57	15,883	5,545	21,429	329,203	129,450	458,653	24,000
Projected Del. (A-2ba)	686	190,598	66,545	257,143	3,950,435	1,553,398	5,503,833	288,000

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	MADERA CANAL (MC)								
	CHOWCHILLA	CHOWCHILLA	CHOWCHILLA	MADERA	MADERA	MADERA	MC	MC	MC
	WD - MC CLASS 1	WD - MC CLASS 2	WD - MC TOTAL	ID - MC CLASS 1	ID - MC CLASS 2	ID - MC TOTAL	TOTAL CLASS 1	TOTAL CLASS 2	TOTAL
1981	71,804	9,638	81,442	116,315	13,344	129,659	188,119	22,982	211,101
1982	36,013	184,000	220,013	55,599	215,760	271,359	91,612	399,760	491,372
1983	73,720	160,000	233,720	78,499	186,000	264,499	152,219	346,000	498,219
1984	47,144	76,800	123,944	116,115	89,222	205,337	163,259	166,022	329,281
1985	63,123	12,966	76,089	90,717	46,310	137,027	153,840	59,276	213,116
1986	33,718	174,400	208,118	65,782	196,219	262,001	99,500	370,619	470,119
1987	76,475	-	76,475	98,481	-	98,481	174,956	-	174,956
1988	43,020	-	43,020	78,357	-	78,357	121,377	-	121,377
1989	54,002	-	54,002	89,770	-	89,770	143,772	-	143,772
1990	38,739	-	38,739	60,084	-	60,084	98,823	-	98,823
1991	55,044	-	55,044	85,089	-	85,089	140,133	-	140,133
1992	45,650	-	45,650	70,549	-	70,549	116,199	-	116,199
1993	33,664	144,000	177,664	43,800	167,400	211,200	77,464	311,400	388,864
1994	73,117	-	73,117	124,760	-	124,760	197,877	-	197,877
1995	-	44,314	44,314	12,447	158,253	170,700	12,447	202,567	215,014
1996	65,924	207,719	273,643	118,420	134,506	252,926	184,344	342,225	526,569
1997	61,669	82,288	143,957	69,107	102,217	171,324	130,776	184,505	315,281
1998	47,154	14,865	62,019	74,834	18,500	93,334	121,988	33,365	155,353
1999	76,220	34,574	110,794	89,171	37,947	127,118	165,391	72,521	237,912
2000	51,612	64,814	116,426	70,571	60,789	131,360	122,183	125,603	247,786
2001	58,953	4,800	63,753	104,397	16,092	120,489	163,350	20,892	184,242
2002	55,073	14,538	69,611	89,142	17,012	106,154	144,215	31,550	175,765
2003	54,511	33,812	88,323	69,821	44,612	114,433	124,332	78,424	202,756
2004	55,000	13,991	68,991	103,932	14,880	118,812	158,932	28,871	187,803
2005	49,731	73,057	122,788	38,955	24,318	63,273	88,686	97,375	186,061
2006	45,211	61,481	106,692	35,788	19,937	55,725	80,999	81,418	162,417
2007	50,514	-	50,514	115,033	-	115,033	165,547	0	165,547
2008	55,159	8,000	63,159	85,282	9,300	94,582	140,441	17,300	157,741
2009	55,135	39,990	95,125	72,794	33,461	106,255	127,929	73,451	201,380
2010	42,899	98,674	141,573	78,616	92,501	171,117	121,515	191,175	312,690
2011	43,251	38,547	81,798	40,579	56,434	97,013	83,830	94,981	178,811
2012	52,185	3,209	55,394	95,509	229	95,738	147,694	3,438	151,132
2013	37,184	-	37,184	43,059	-	43,059	80,243	-	80,243
2014	2,076	-	2,076	14,758	-	14,758	16,834	-	16,834
2015	-	-	-	1,509	-	1,509	1,509	-	1,509
2016	44,010	11,417	55,427	63,750	13,272	77,022	107,760	24,689	132,449
2017	46,792	30,347	77,139	56,992	18,072	75,064	103,784	48,419	152,203
2018	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2019	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2020	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2021	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2022	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2023	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2024	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2025	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2026	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2027	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2028	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2029	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
2030	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
H&P/T	2,214,278	1,797,350	4,011,628	3,305,530	1,950,029	5,255,558	5,519,808	3,747,378	9,267,186
7 - Year Hist Avg (A-12)	32,214	11,931	44,145	45,165	12,572	57,738	77,379	24,504	101,883
Projected Del. (A-2ba)	386,568	143,177	529,745	541,982	150,869	692,851	928,550	294,046	1,222,596

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	NEW MELONES D&R			SACRAMENTO RIVER - SHASTA						
	CENTRAL SAN JOAQUIN WCD	STOCKTON- EAST WD	TOTAL	ANDERSON- COTTONWOOD ID	DANIELL, H & B	DRISCOLL STRAWBERRY	GJERMANN, H	LEVIATHAN INC	REDDING RANCHERIA	TOTAL
1981	-	-	-	10,000	5	490	4	-	84	10,583
1982	-	-	-	10,000	6	160	4	-	40	10,210
1983	1,500	-	1,500	10,000	13	490	10	3,105	128	13,746
1984	86	-	86	10,000	7	490	4	345	-	10,846
1985	-	-	-	10,000	7	490	4	345	-	10,846
1986	-	-	-	10,000	5	490	4	345	37	10,881
1987	-	-	-	10,000	6	160	5	160	-	10,331
1988	-	-	-	10,000	4	160	5	160	40	10,369
1989	-	-	-	-	6	490	4	345	102	947
1990	-	-	-	11,448	20	820	12	-	172	12,472
1991	-	-	-	16,052	4	105	-	604	74	16,839
1992	-	-	-	7,500	2	308	1	259	29	8,099
1993	-	-	-	10,000	2	323	2	345	26	10,698
1994	-	-	-	-	8	-	8	345	191	552
1995	4,659	4,031	8,690	7,500	5	-	4	283	-	7,792
1996	17,288	3,752	21,040	10,000	4	-	4	283	-	10,291
1997	24,155	4,385	28,540	10,000	5	31	4	116	-	10,156
1998	18,812	2,970	21,782	10,000	5	-	4	116	-	10,125
1999	40,418	5,662	46,080	10,000	-	-	4	116	-	10,120
2000	29,041	4,623	33,664	10,997	-	28	4	116	-	11,145
2001	26,272	2,326	28,598	17,733	-	0	4	116	-	17,853
2002	7,504	1,080	8,584	2,169	-	12	4	345	-	2,530
2003	11,501	850	12,351	10,034	-	12	0	116	-	10,162
2004	13,605	757	14,362	10,000	-	-	4	116	-	10,120
2005	27,224	3,456	30,680	2,599	-	25	4	116	-	2,744
2006	34,531	5,030	39,561	2,386	-	31	2	116	-	2,535
2007	44,933	4,923	49,856	525	-	93	4	116	-	738
2008	36,554	330	36,884	9,510	-	10	4	116	-	9,640
2009	30,701	1,955	32,656	1,385	-	15	4	121	-	1,525
2010	31,508	10,263	41,771	-	-	61	4	123	-	188
2011	28,111	12,536	40,647	2,800	-	15	4	122	-	2,941
2012	33,529	6,846	40,375	2,900	-	15	4	123	-	3,042
2013	34,724	6,381	41,105	5,264	-	-	4	123	-	5,391
2014	35,692	8,702	44,394	1,491	-	-	-	122	-	1,613
2015	1,096	1,845	2,941	2,567	-	-	-	122	-	2,689
2016	-	-	-	1,865	-	-	4	285	-	2,154
2017	29,088	3,652	32,740	3,036	-	-	4	285	-	3,325
2018	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2019	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2020	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2021	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2022	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2023	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2024	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2025	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2026	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2027	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2028	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2029	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
2030	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
H&P/T	863,835	170,570	1,034,405	296,761	127	5,380	182	12,166	1,174	315,790
7 - Year Hist Avg (A-12)	23,177	5,709	28,886	2,846	1	4	3	169	19	3,042
Projected Del. (A-2ba)	278,126	68,506	346,632	34,154	12	51	34	2,026	231	36,509

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS										
	ANDERSON, A	ANDERSON, R & J	ANDREOTTI, A/ET AL	BABER, J/ET AL	BUTLER, DIANE	BUTTE CREEK FARMS INC	BYRD, A & OSBORNE, J	CACHIL DEHE BAND OF WINTUN	CANAL FARMS	CARTER MWC	CHARTER, M
1981	13	75	2,684	2,680	251	81	207	100	300	592	122
1982	13	75	1,864	2,031	194	80	233	100	300	672	406
1983	13	75	367	3,120	124	83	178	-	300	80	63
1984	13	75	1,851	2,614	224	81	93	100	287	1,264	-
1985	14	-	1,611	2,646	199	61	256	100	313	752	117
1986	13	851	948	1,810	199	27	197	100	300	599	-
1987	14	74	2,068	2,346	199	81	147	-	300	745	29
1988	14	81	1,719	-	199	81	200	100	300	672	-
1989	14	76	1,148	4,287	232	81	200	57	300	672	125
1990	14	74	1,972	1,157	159	63	200	74	300	592	123
1991	3	70	1,045	3,359	366	94	200	322	-	524	107
1992	11	60	1,295	1,337	-13	-137	150	-174	225	678	67
1993	24	75	604	1,578	238	89	150	100	285	478	44
1994	24	77	956	2,630	234	989	200	75	212	323	-
1995	-	75	2,324	1,934	234	431	150	100	283	347	117
1996	-	75	858	2,756	206	421	200	100	79	650	66
1997	-	74	1,108	2,329	232	421	200	100	429	818	117
1998	-	76	1,703	2,920	234	256	200	100	137	1,104	-
1999	-	75	2,208	2,413	264	419	200	100	330	640	120
2000	-	75	1,329	2,259	234	427	200	100	270	672	117
2001	-	75	2,380	4,102	234	419	200	100	508	-	117
2002	-	75	266	630	205	419	200	100	257	892	-
2003	-	75	2,479	2,630	234	419	200	100	201	610	-
2004	-	75	1,556	2,958	264	418	200	100	234	956	117
2005	17	75	984	2,461	264	348	275	100	471	993	119
2006	-	75	1,258	1,814	264	419	75	100	54	458	-
2007	-	75	1,815	2,655	264	419	176	100	277	368	117
2008	-	74	1,317	1,955	264	419	124	100	173	728	60
2009	-	74	783	3,546	260	419	150	100	262	604	81
2010	-	75	1,396	2,278	248	419	287	100	188	216	120
2011	-	75	1,532	1,874	252	411	24	100	225	489	120
2012	-	75	427	2,015	244	419	193	100	225	804	135
2013	-	75	1,298	3,286	252	419	96	100	225	255	110
2014	-	47	782	1,329	189	-	150	75	388	447	101
2015	-	32	241	1,602	197	71	56	75	225	563	101
2016	-	75	329	3,179	252	419	37	100	-	142	112
2017	-	75	841	1,099	256	419	120	100	225	393	125
2018	6	65	779	2,055	235	308	97	93	216	442	115
2019	6	65	779	2,055	235	308	97	93	216	442	115
2020	6	65	779	2,055	235	308	97	93	216	442	115
2021	6	65	779	2,055	235	308	97	93	216	442	115
2022	6	65	779	2,055	235	308	97	93	216	442	115
2023	6	65	779	2,055	235	308	97	93	216	442	115
2024	6	65	779	2,055	235	308	97	93	216	442	115
2025	6	65	779	2,055	235	308	97	93	216	442	115
2026	6	65	779	2,055	235	308	97	93	216	442	115
2027	6	65	779	2,055	235	308	97	93	216	442	115
2028	6	65	779	2,055	235	308	97	93	216	442	115
2029	6	65	779	2,055	235	308	97	93	216	442	115
2030	6	65	779	2,055	235	308	97	93	216	442	115
H&P/T	298	4,233	59,467	112,332	11,401	14,413	7,579	4,511	12,198	27,536	4,768
7 - Year Hist Avg (A-12)	6	65	779	2,055	235	308	97	93	216	442	115
Projected Del. (A-2ba)	77	778	9,343	24,658	2,815	3,699	1,159	1,114	2,594	5,302	1,378

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FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED										
	CHURKIN, M JR & C	CONAWAY CONSV GRP	COUNTY OF SACRAMENTO	CUMMINGS, W	DRIVER, GARY/ET AL	DRIVER, J & C TRUSTEES	DRIVER, GREGORY	DRIVER, W/ ET AL	DYER, J & WING, J	EASTSIDE MWC	EHRKE A & B
1981	-	671	230	48	22	35	14	106	198	829	131
1982	-	673	230	106	-	80	14	106	198	934	130
1983	-	676	133	120	22	66	14	106	-	334	0
1984	54	588	280	55	22	66	-	-	113	634	131
1985	109	672	230	120	22	35	28	212	-	624	146
1986	55	857	230	111	22	35	-	-	-	644	131
1987	55	567	230	111	22	35	28	212	170	634	116
1988	55	1,010	219	63	22	35	-	-	-	634	146
1989	55	309	202	6	22	80	14	106	-	626	131
1990	55	697	173	91	18	60	-	-	-	218	120
1991	-	-	148	20	40	34	-	-	-	788	116
1992	42	504	133	83	17	37	-	-	255	611	124
1993	-1	1,102	138	111	1	-	-	-	-	-135	-
1994	11	576	156	47	-	37	-	-	-	744	119
1995	-	2	-	60	-	80	-	-	-	-	131
1996	-	672	285	60	-	17	-	-	340	1,318	131
1997	-	672	92	111	-	10	-	-	-	634	-
1998	-	672	-	61	-	77	-	-	-	634	276
1999	-	672	18	61	-	90	-	-	113	430	147
2000	-	672	-	61	-	42	-	-	-	466	131
2001	-	672	-	181	-	42	-	-	-	420	-
2002	-	672	-	47	-	46	-	-	-	611	262
2003	-	672	-	61	-	46	-	-	-	656	160
2004	-	672	-	108	-	90	-	-	113	398	131
2005	48	1,264	-	113	-	138	14	106	-	629	169
2006	49	385	-	47	-	-	-	-	60	579	131
2007	48	711	-	58	-	90	-	-	111	499	-
2008	49	12	-	109	-	86	2	1	204	632	131
2009	49	1,332	-	99	-	-	-	-	337	471	160
2010	48	670	-	104	-	-	-	-	196	487	131
2011	48	958	-	102	-	-	-	-	249	72	131
2012	48	384	-	103	-	-	-	-	340	603	131
2013	49	592	-	103	-	-	-	-	340	739	131
2014	-	584	-	50	-	8	-	-	17	84	112
2015	34	-	-	50	-	8	-	-	229	292	10
2016	49	287	-	102	-	67	-	-	225	509	181
2017	49	521	-	102	-	67	-	-	85	328	131
2018	40	475	33	87	3	21	2	15	212	375	118
2019	40	475	33	87	3	21	2	15	212	375	118
2020	40	475	33	87	3	21	2	15	212	375	118
2021	40	475	33	87	3	21	2	15	212	375	118
2022	40	475	33	87	3	21	2	15	212	375	118
2023	40	475	33	87	3	21	2	15	212	375	118
2024	40	475	33	87	3	21	2	15	212	375	118
2025	40	475	33	87	3	21	2	15	212	375	118
2026	40	475	33	87	3	21	2	15	212	375	118
2027	40	475	33	87	3	21	2	15	212	375	118
2028	40	475	33	87	3	21	2	15	212	375	118
2029	40	475	33	87	3	21	2	15	212	375	118
2030	40	475	33	87	3	21	2	15	212	375	118
H&P/T	1,572	28,829	3,554	4,182	293	1,918	154	1,152	6,651	24,489	5,995
7 - Year Hist Avg (A-12)	40	475	33	87	3	21	2	15	212	375	118
Projected Del. (A-2ba)	475	5,702	394	1,049	38	257	24	182	2,546	4,503	1,418

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YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED											
	E L H SUTTER PROPERTIES	EMPIRE GROUP, LLC	FEATHER WD	FEDORA, S/ TAYLOR, W	GILLASPY, W	GIOVANNETTI, B & M	GIUSTI, R & S	GLENN- COLUSA ID	GREEN VALLEY CORP *	GRIFFIN, J/ PRATER	HALE, J/ MARKS, A	
1981	-		36	24,446	7	87	50	760	119,073	135	1,150	28
1982	-		47	21,356	20	87	-	760	107,131	298	701	27
1983	-		18	15,153	20	63	50	760	106,300	184	1,509	28
1984	-		62	27,298	20	62	50	760	106,500	196	1,240	28
1985	-		36	15,228	20	87	50	310	106,460	220	840	0
1986	-		24	17,585	1	13	41	760	164,343	240	1,253	28
1987	-		56	17,263	20	-	50	760	101,277	37	1,069	15
1988	-		32	14,522	-	87	25	760	106,201	370	1,378	28
1989	-		52	14,238	20	80	50	760	105,163	136	1,056	28
1990	-		28	8,902	15	65	37	760	80,000	233	1,166	26
1991	-		38	18,997	3	91	12	1,188	103,750	222	936	10
1992	-		34	4,868	25	39	63	-210	87,017	90	825	36
1993	-	-		14,447	20	65	37	500	16,801	278	553	28
1994	-		40	8,613	15	65	37	500	44,953	192	160	28
1995	-		20	9,417	-	-	50	760	105,000	118	1,150	28
1996	-		40	8,004	20	87	50	678	110,764	210	1,651	28
1997	23		40	9,245	20	87	50	678	111,552	58	913	28
1998	21		40	9,081	20	90	50	500	125,889	396	1,220	28
1999	2		40	11,679	20	90	50	675	126,340	170	1,172	28
2000	19		40	11,438	20	77	50	575	99,826	324	635	28
2001	19		40	8,438	20	77	50	760	112,536	210	1,650	28
2002	19		40	9,640	20	0	50	760	90,207	210	1,378	28
2003	-		40	8,414	40	35	50	760	129,764	-	426	30
2004	14		40	3,510	20	-	50	760	75,505	227	1,145	30
2005	-		54	6,789	6	84	50	655	140,154	-	1,333	30
2006	-		53	2,847	-	-	50	675	77,144	368	1,450	30
2007	-		14	11,870	-	77	50	683	54,058	86	151	30
2008	-		16	7,094	-	-	50	675	112,387	72	1,185	30
2009	-		14	5,179	20	59	50	675	95,578	226	1,488	30
2010	-		11	4,886	-	90	50	675	94,275	214	874	30
2011	-	-		5,385	-	0	50	675	79,778	296	691	30
2012	-		-	4,871	-	77	50	675	90,271	0	973	30
2013	-		11	4,890	-	84	50	675	73,298	186	820	30
2014	5	-	-	-	15	68	-	570	57,636	130	290	-
2015	-	-	-	-	-	68	38	570	60,886	42	602	-
2016	-	-		3,131	-	84	50	213	65,986	69	144	-
2017	-	-	-	3,584	-	84	50	213	79,069	88	1,170	-
2018	1	2		3,123	3	66	41	513	72,418	116	670	13
2019	1	2		3,123	3	66	41	513	72,418	116	670	13
2020	1	2		3,123	3	66	41	513	72,418	116	670	13
2021	1	2		3,123	3	66	41	513	72,418	116	670	13
2022	1	2		3,123	3	66	41	513	72,418	116	670	13
2023	1	2		3,123	3	66	41	513	72,418	116	670	13
2024	1	2		3,123	3	66	41	513	72,418	116	670	13
2025	1	2		3,123	3	66	41	513	72,418	116	670	13
2026	1	2		3,123	3	66	41	513	72,418	116	670	13
2027	1	2		3,123	3	66	41	513	72,418	116	670	13
2028	1	2		3,123	3	66	41	513	72,418	116	670	13
2029	1	2		3,123	3	66	41	513	72,418	116	670	13
2030	1	2		3,123	3	66	41	513	72,418	116	670	13
H&P/T	131	1,075		412,907	484	3,073	2,175	30,332	4,464,302	8,037	45,057	1,059
7 - Year Hist Avg (A-12)	1	2		3,123	3	66	41	513	72,418	116	670	13
Projected Del. (A-2ba)	9	18		37,476	34	797	494	6,156	869,013	1,390	8,040	154

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FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED									
	HATFIELD, R & B	HEIDRICK, J FAMILY TRUST	HEIDRICK, M	HOWALD FARMS INC	JAEGER, W & P	JANSEN, P & S	KARY, C	KING, BEN	KING, L	KLSY, LLC
1981	15	-	94	1,322	433	36	469	7	13	35
1982	12	-	94	1,144	433	36	460	6	11	71
1983	8	-	15	1,605	203	36	-	2	3	-
1984	14	-	94	1,249	320	36	-	10	18	71
1985	12	-	39	1,897	281	-	-	6	11	150
1986	12	-	76	-	281	-	-	11	21	-
1987	12	-	47	1,433	281	33	378	7	13	-
1988	12	-	28	1,133	320	38	267	7	13	-
1989	14	-	56	1,408	320	-	176	-	-	-
1990	10	-	27	1,166	342	-	240	7	13	-
1991	22	-	29	1,972	1,498	20	748	8	15	-
1992	-1	-	66	969	-793	40	-77	2	3	-
1993	14	-	94	941	346	39	239	3	6	-
1994	14	-	71	228	346	39	317	7	13	-
1995	14	-	22	1,410	267	39	300	5	10	-
1996	13	-	76	1,589	433	39	276	8	15	-
1997	14	-	94	1,250	346	39	184	6	7	-
1998	14	-	16	1,661	-	39	442	6	8	-
1999	16	-	94	1,204	-	39	224	6	6	-
2000	14	-	94	1,450	-	39	402	-	2	-
2001	14	158	78	1,934	-	-	222	-	-	-
2002	12	-	78	1,009	-	40	458	-	1	-
2003	14	158	61	1,197	-	33	224	3	15	-
2004	16	-	34	1,665	-	36	780	1	53	-
2005	16	-	-	2,121	-	-	188	-	12	-
2006	16	-	41	1,170	-	40	210	-	-	-
2007	16	-	43	361	-	-	402	1	15	-
2008	16	-	12	1,025	-	40	451	-	13	74
2009	14	39	94	1,683	-	-	401	-	-	-
2010	14	-	46	1,578	-	39	186	-	-	90
2011	-	85	-	443	-	39	307	-	-	90
2012	28	-	61	1,392	-	40	171	-	-	-
2013	14	-	24	886	-	40	178	-	-	90
2014	-	-	-	770	-	30	345	-	-	68
2015	12	-	-	513	-	30	-	-	-	68
2016	14	-	57	527	-	39	-	-	-	-
2017	14	-	-	777	-	40	-	-	-	-
2018	12	29	20	758	69	37	143	1	2	45
2019	12	29	20	758	69	37	143	1	2	45
2020	12	29	20	758	69	37	143	1	2	45
2021	12	29	20	758	69	37	143	1	2	45
2022	12	29	20	758	69	37	143	1	2	45
2023	12	29	20	758	69	37	143	1	2	45
2024	12	29	20	758	69	37	143	1	2	45
2025	12	29	20	758	69	37	143	1	2	45
2026	12	29	20	758	69	37	143	1	2	45
2027	12	29	20	758	69	37	143	1	2	45
2028	12	29	20	758	69	37	143	1	2	45
2029	12	29	20	758	69	37	143	1	2	45
2030	12	29	20	758	69	37	143	1	2	45
H&P/T	638	811	2,119	53,940	6,558	1,552	11,427	133	336	1,394
7 - Year Hist Avg (A-12)	12	29	20	758	69	37	143	1	2	45
Projected Del. (A-2ba)	141	343	243	9,099	831	442	1,716	12	22	542

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED											
	KNIGHTS LANDING INVESTORS	LAUPPE, B ET UX	LAUPPE B B & K (ATP)	LEISER, D	LEONARD, JAMES	LOCKETT, W & J	LOMO CS & MICHELI, J	LONON, M	M C M PROPERTIES	MAXWELL ID	MCCLATCHY' PARTNERS	MERIDIAN FARMS WC
1981	1,296	61	52	48	30	56	239	439	623	6,148	45	12,000
1982	392	56	48	-	30	38	1,007	439	631	6,000	30	12,000
1983	903	61	52	-	22	60	1,507	253	297	5,770	30	11,723
1984	1,580	61	52	22	12	45	1,766	439	859	5,342	36	11,116
1985	611	95	82	-	30	35	242	220	645	4,888	22	11,810
1986	1,478	95	82	-	29	59	630	-	639	5,000	16	12,602
1987	232	47	40	-	10	51	809	85	475	3,000	-	12,688
1988	752	47	40	22	19	47	664	203	255	8,000	27	12,023
1989	1,175	71	60	22	25	28	633	338	685	4,000	28	11,509
1990	745	52	44	22	30	47	1,029	85	585	6,000	23	7,959
1991	1,144	57	49	34	40	48	291	172	670	9,357	4	12,070
1992	1,368	9	8	8	5	42	973	167	286	2,743	39	10,334
1993	-	52	44	-2	15	17	221	433	398	8,900	24	7,683
1994	960	47	40	24	23	5	507	228	610	4,500	23	12,681
1995	720	108	92	24	4	11	384	198	458	10,201	30	5,861
1996	960	47	40	-	4	40	318	232	610	6,299	30	11,034
1997	960	104	90	24	29	75	698	-	610	5,773	30	11,859
1998	960	143	123	24	14	88	700	668	697	5,447	30	15,002
1999	1,498	86	74	-	18	-242	1,116	-	597	7,415	30	12,137
2000	452	95	82	24	30	84	853	638	539	5,525	30	13,155
2001	1,890	88	76	-	5	10	569	440	607	6,479	30	13,369
2002	-	95	82	24	12	47	262	440	612	1,361	30	8,915
2003	960	88	76	24	5	47	1,219	169	608	6,000	30	12,799
2004	1,051	88	76	24	9	47	181	440	770	5,999	30	12,395
2005	869	81	69	24	19	92	784	208	567	8,056	30	13,933
2006	720	81	69	24	30	47	966	440	746	3,747	30	9,374
2007	720	95	82	24	30	47	55	95	161	8,966	-	5,130
2008	720	78	99	24	30	47	470	337	930	4,857	30	12,449
2009	929	99	78	24	30	47	555	322	375	5,143	30	8,958
2010	1,063	78	99	24	30	47	555	198	336	5,000	30	9,490
2011	501	78	99	24	-	47	596	338	433	5,000	8	10,463
2012	723	78	-	-	-	47	445	440	501	4,500	17	10,000
2013	793	78	99	24	-	47	474	440	415	6,000	30	10,655
2014	311	78	90	18	-	16	525	330	352	-	-	4,043
2015	-	78	99	18	-	35	-	330	301	1,487	-	2,229
2016	66	78	99	24	-	47	298	425	254	6,000	30	8,563
2017	839	78	63	24	-	47	597	425	366	4,500	30	7,750
2018	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2019	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2020	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2021	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2022	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2023	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2024	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2025	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2026	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2027	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2028	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2029	462	78	78	19	4	41	419	390	375	3,927	16	7,672
2030	462	78	78	19	4	41	419	390	375	3,927	16	7,672
H&P/T	36,345	3,826	3,567	889	674	1,932	28,589	16,120	24,372	254,450	1,126	487,495
7 - Year Hist Avg (A-12)	462	78	78	19	4	41	419	390	375	3,927	16	7,672
Projected Del. (A-2ba)	5,542	936	941	226	51	490	5,031	4,677	4,495	47,121	197	92,062

CENTRAL VALLEY PROJECT
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FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED									
	MICKE, D & N	MOREHEAD, J/ ET UX	MUNSON, J & D	NATOMAS BASIN CONSERV	NATOMAS CENTRAL MWC	NELSON, T & H	O'BRIEN, J & F	ODYSSEUS FARMS PRTNRSH	OJI BROS FARM INC.	OJI, M/ET AL
1981	19		70	66	22,000	98	346	407	2,603	1,667
1982	19		76	70	34,943	-	232	117	1,709	890
1983	20		75	71	10,100	98	370	410	1,808	1,730
1984	20		76	71	22,000	-	280	407	1,587	1,310
1985	20		76	130	22,000	98	218	410	1,998	1,059
1986	20		76	130	22,000	57	365	-	1,722	1,561
1987	10		76	177	22,000	-	311	820	2,242	751
1988	-		76	212	22,000	68	287	1,741	1,422	1,515
1989	-		76	248	22,000	91	172	410	1,206	354
1990	-		76	186	10,337	73	289	-	2,078	1,400
1991	-		-	329	28,163	-	296	1,044	1,639	1,669
1992	1		-	55	16,500	-	259	-428	1,534	1,041
1993	-		76	195	13,288	91	105	410	1,038	476
1994	-		-	133	25,212	73	32	410	2,663	1,429
1995	-		-	177	10,267	98	71	410	443	364
1996	-		-	177	31,385	98	249	410	1,482	1,310
1997	-		-	145	6,554	98	462	410	2,050	1,310
1998	-		-	177	26,347	98	543	-	2,475	1,310
1999	-		-	86	35,447	98	35	410	1,784	1,310
2000	-		-	196	7,385	-	532	410	2,024	1,310
2001	-		-	145	16,884	98	335	410	1,727	1,310
2002	-		-	145	29,634	-	109	410	2,140	1,310
2003	-	280	-	100	31,437	98	337	410	1,946	1,310
2004	-	140	-	269	16,055	98	421	410	2,346	2,466
2005	-	-	-	269	30,524	-	183	410	1,591	1,304
2006	-	-	-	269	43,694	98	322	410	1,751	1,395
2007	-	140	-	269	13,808	98	63	410	1,600	1,276
2008	-	140	-	269	21,329	98	293	410	1,567	990
2009	-	140	-	269	22,755	98	165	410	1,184	694
2010	-	140	-	87	11,707	98	242	410	1,454	1,420
2011	-	-	-	87	14,038	98	244	410	1,918	1,149
2012	-	-	-	87	21,775	98	238	410	1,211	996
2013	-	-	-	87	19,824	98	239	410	1,631	1,081
2014	-	-	-	87	16,603	74	129	308	612	-
2015	-	280	63	87	16,034	74	-	308	1,220	-
2016	-	-	85	87	17,348	98	100	410	1,411	1,060
2017	-	140	-	69	12,327	98	396	-	1,509	218
2018	3	60	21	84	16,850	91	192	322	1,359	643
2019	3	60	21	84	16,850	91	192	322	1,359	643
2020	3	60	21	84	16,850	91	192	322	1,359	643
2021	3	60	21	84	16,850	91	192	322	1,359	643
2022	3	60	21	84	16,850	91	192	322	1,359	643
2023	3	60	21	84	16,850	91	192	322	1,359	643
2024	3	60	21	84	16,850	91	192	322	1,359	643
2025	3	60	21	84	16,850	91	192	322	1,359	643
2026	3	60	21	84	16,850	91	192	322	1,359	643
2027	3	60	21	84	16,850	91	192	322	1,359	643
2028	3	60	21	84	16,850	91	192	322	1,359	643
2029	3	60	21	84	16,850	91	192	322	1,359	643
2030	3	60	21	84	16,850	91	192	322	1,359	643
H&P/T	164	2,180	1,252	6,811	984,752	3,844	11,767	18,754	79,990	50,110
7 - Year Hist Avg (A-12)	3	60	21	84	16,850	91	192	322	1,359	643
Projected Del. (A-2ba)	33	720	254	1,013	202,198	1,094	2,307	3,867	16,306	7,721

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED										
	PACIFIC REALTY INC	PELGER MWC	PELGER ROAD 1700, LLC	PENNER, R & L	PLEASANT GRV VRNA MWC	PRINCETON- CODORA- GLENN ID	PROVIDENT ID	QUAD-H- RANCHES INC	RECL DIST # 108	RECL DIST #1000	RECL DIST #1004
1981	1,033	1,770	2,000	21	2,500	18,719	5,000	310	33,000	103	15,000
1982	1,056	1,750	3,817	21	2,500	11,281	5,000	310	33,000	199	14,400
1983	118	-	183	22	2,500	15,000	5,000	310	33,000	57	15,600
1984	1,562	3,500	2,000	21	2,500	15,000	5,000	310	33,000	200	13,711
1985	1,248	1,736	2,000	21	2,500	15,000	5,787	760	33,000	92	16,289
1986	545	1,769	2,000	21	2,500	15,000	5,000	310	15,000	-1	15,000
1987	1,407	1,454	2,000	21	2,500	15,000	5,000	310	33,000	74	15,000
1988	976	2,041	2,000	21	2,500	15,000	5,000	310	43,829	200	15,000
1989	976	500	2,000	21	2,500	15,000	5,000	-	27,171	200	15,000
1990	896	1,538	848	16	2,500	12,600	2,000	235	13,000	-	15,000
1991	812	2,347	1,362	6	1,622	13,500	6,375	897	47,750	-	15,134
1992	1,088	1,387	2,790	25	2,128	11,400	4,125	-450	34,750	-	11,250
1993	620	1,951	1,626	21	2,000	11,697	4,500	-	26,326	-	7,984
1994	-	1,273	1,757	8	570	6,899	2,395	310	24,849	-	18,266
1995	-	1,821	2,207	-	1,805	13,796	-	310	18,167	-	5,046
1996	976	492	754	-	2,539	14,380	8,992	310	21,567	-	13,992
1997	976	1,384	1,246	-	2,522	11,753	4,830	310	29,851	-	14,305
1998	976	3,195	2,915	-	2,931	17,272	5,492	310	35,497	-	20,522
1999	976	847	2,590	-	3,798	21,168	5,556	310	49,569	-	16,166
2000	996	2,832	1,410	-	2,610	11,008	4,130	310	16,711	-	13,555
2001	1,932	683	2,000	-	725	14,313	3,250	310	39,827	-	21,414
2002	10	2,051	2,000	-	2,375	17,481	2,752	310	21,244	-	10,772
2003	966	2,055	2,113	-	2,977	11,931	8,791	310	39,107	-	18,374
2004	1,652	2,017	1,887	-	2,023	13,499	1,210	310	25,535	-	5,738
2005	1,279	1,001	2,079	-	4,277	22,401	10,337	310	56,212	-	15,942
2006	976	1,819	2,921	-	2,227	13,541	4,580	310	34,423	-	13,497
2007	976	1,461	-	-	1,533	14,800	3,385	310	4,640	-	9,973
2008	976	1,265	3,500	-	2,217	15,000	3,071	310	49,499	-	11,038
2009	976	238	2,000	-	2,500	14,540	5,725	310	20,917	-	13,659
2010	976	2,873	1,806	-	2,500	14,428	4,500	260	24,078	-	15,000
2011	976	1,273	2,000	-	2,500	12,485	3,372	310	13,865	-	10,639
2012	976	1,386	1,744	-	2,500	13,000	3,756	310	26,677	-	10,659
2013	976	859	2,216	-	1,501	11,782	4,201	310	31,430	-	11,585
2014	646	1,362	100	-	2,846	2,789	40	233	4,769	-	4,617
2015	805	1,612	2,135	-	1,489	6,457	-	-	12,525	-	5,044
2016	989	1,578	981	-	1,700	11,968	1,193	-	17,364	-	9,638
2017	976	1,133	619	-	1,616	14,292	6,280	310	26,562	-	10,905
2018	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2019	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2020	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2021	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2022	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2023	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2024	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2025	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2026	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2027	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2028	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2029	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
2030	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
H&P/T	46,082	75,344	85,797	305	111,313	640,330	195,617	13,041	1,298,068	1,352	601,876
7 - Year Hist Avg (A-12)	906	1,315	1,399	3	2,022	10,396	2,692	210	19,027	18	9,012
Projected Del. (A-2ba)	10,875	15,777	16,791	36	24,261	124,754	32,301	2,525	228,329	211	108,149

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED											
	REISCHE, E	REISCHE, L	RICHTER, H JR/ET AL	RIVER GARDEN FARMS CO.	ROBERTS DITCH IRR CO	RUBIO, E & E	SAEED F	SEAUER, C	SIOUX CREEK PROPERTY LLC	SUTTER MWC	SWENSON FARMS *	SYCAMORE FAMILY TRUST
1981	46	231	980	500	300	5	710	-	20	9,500	-	9,756
1982	47	238	882	500	300	5	710	77	20	97,640	-	10,052
1983	47	239	820	500	300	5	710	-	20	84,533	-	9,648
1984	51	256	966	500	300	5	810	81	20	87,306	-	8,183
1985	45	229	704	500	300	5	507	37	20	110,521	-	9,788
1986	48	244	830	500	300	5	996	-	20	88,843	-	10,598
1987	50	251	965	500	300	5	710	-	18	92,737	235	6,468
1988	51	257	953	500	300	5	710	77	-	100,034	101	11,162
1989	51	257	965	224	300	5	710	39	18	90,512	242	10,179
1990	53	267	801	776	300	4	330	39	20	75,874	162	8,923
1991	122	616	801	-	-	3	912	66	3	83,284	221	9,884
1992	-43	-215	107	375	225	5	515	12	27	82,484	70	8,560
1993	41	205	1,049	200	-	5	17	-	20	69,813	141	9,800
1994	3	14	486	675	461	4	1,236	-	15	95,998	155	6,596
1995	43	219	966	-	364	4	7	270	20	68,243	-	4,197
1996	37	188	705	500	-	3	710	-196	20	76,490	148	10,149
1997	41	205	966	1,000	364	4	1,390	37	20	92,595	242	11,012
1998	-	-	716	500	307	-	30	37	20	104,259	-	11,226
1999	2	13	966	-	464	-	710	37	20	107,131	64	10,079
2000	2	13	716	924	153	-	710	0	20	102,464	79	8,404
2001	2	13	977	76	212	5	1,093	37	40	32,945	325	9,388
2002	2	13	495	500	600	3	1,009	37	40	105,391	325	10,828
2003	2	13	977	500	300	5	30	37	20	119,879	187	7,412
2004	53	267	977	500	-	3	1,390	37	11	110,532	325	12,684
2005	47	235	423	500	600	3	455	-	14	65,431	325	11,899
2006	-	14	1,130	750	600	3	618	-	20	56,500	325	9,134
2007	15	-	490	21	300	3	579	-	18	56,467	325	8,983
2008	-	-	1,032	854	300	3	672	36	20	33,650	325	6,837
2009	-	-	1,022	500	300	3	690	36	20	45,658	325	10,109
2010	-	124	691	-	300	3	417	37	20	61,942	325	3,476
2011	-	-	366	536	300	3	826	37	20	56,500	325	12,139
2012	-	-	1,134	214	300	3	690	-	-	47,314	-	8,785
2013	-	-	411	375	300	3	580	-	20	39,373	650	5,348
2014	-	-	726	375	-	3	-	-	15	21,026	139	6,726
2015	39	200	24	-	110	3	-	-	15	19,615	238	5,996
2016	-	-	434	-	115	3	-	-	20	26,775	325	6,367
2017	-	-	594	375	450	3	533	-	20	54,756	325	8,123
2018	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2019	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2020	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2021	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2022	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2023	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2024	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2025	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2026	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2027	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2028	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2029	8	29	527	268	225	3	376	39	16	37,908	286	7,641
2030	8	29	527	268	225	3	376	39	16	37,908	286	7,641
H&P/T	999	4,974	35,098	18,732	13,350	171	27,604	1,408	898	3,166,825	10,692	428,225
7 - Year Hist Avg (A-12)	8	29	527	268	225	3	376	39	16	37,908	286	7,641
Projected Del. (A-2ba)	91	343	6,324	3,214	2,700	36	4,507	463	189	454,901	3,432	91,687

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SACRAMENTO RIVER - WILLOWS CONTINUED												TOTAL
	T & P FARMS	TARKE, S	TISDALE IRR & DRAIN CO	VAN RUITEN BROS. 1415L	VAN RUITEN BROS. 520XL	VAN RUITEN BROS. 0880S	VAN RUITEN BROS. 880XR	WALLACE J & J	WALLACE, K TRUST	WISLER, J	YOCKEY, W	YOUNG, TROY	
1981	608	1,105	2,000	-		765	301	195	320	27	-	-	312,723
1982	504	1,272	2,000	275		538	212	195	320	27	-	-	389,007
1983	541	629	2,000	275		538	212	26	229	27	-	16	340,296
1984	462	959	2,000	275		538	212	195	123	27	-	8	373,735
1985	425	1,309	1,633	208		448	176	60	320	27	-	8	384,307
1986	452	762	2,367	-		625	246	60	312	27	-	8	402,767
1987	469	954	2,000	243		454	179	195	107	27	-	-	357,391
1988	474	602	2,094	275		626	246	180	204	27	13	-	385,959
1989	200	1,407	1,906	268		-	-	180	271	27	13	8	351,581
1990	415	969	2,000	-		702	276	45	320	27	10	-	271,203
1991	314	883	1,500	-		489	193	17	430	27	26	16	383,483
1992	201	719	1,500	-		310	122	28	49	10	-7	-2	296,790
1993	191	560	500	-		382	150	56	164	27	13	8	212,824
1994	167	917	2,165	206		404	159	143	240	-	-	8	279,027
1995	200	691	2,556	-		538	212	166	41	-	-	4	276,692
1996	35	1,169	1,052	275		538	212	-	41	-	-	8	343,027
1997	297	831	1,670	-		538	212	195	312	-	-	8	342,378
1998	101	1,000	2,347	252		538	212	11	146	-	-	-	413,629
1999	200	1,000	2,326	275		538	212	60	187	-	-	8	437,326
2000	200	1,000	2,202	275		538	212	165	320	-	-	-	327,411
2001	333	1,000	1,875	0		538	212	26	58	-	-	-	313,765
2002	167	1,000	2,141	275		538	212	135	123	-	-	-	337,089
2003	125	1,400	2,073	257		584	230	28	49	-	-	8	428,490
2004	175	1,600	1,661	275	135	494	194	30	99	-	-	8	320,912
2005	200	301	2,861	275	135	667	263	57	207	-	-	8	417,837
2006	49	1,139	2,000	-	135	808	159	58	75	-	-	4	301,890
2007	93	301	2,000	275	-	-	32	58	225	-	-	4	215,976
2008	200	949	2,000	243	135	404	147	58	314	-	-	4	309,806
2009	200	556	1,840	275	135	596	351	30	319	-	-	4	280,416
2010	200	642	1,526	275	135	254	124	55	79	-	-	4	279,579
2011	200	628	1,416	275	135	656	196	55	320	-	-	4	252,419
2012	200	767	1,860	18	-	501	212	55	320	-	-	4	269,836
2013	200	754	2,000	23	135	47	212	55	320	-	-	4	247,441
2014	94	713	107	23	33	370	159	6	240	-	3	4	136,030
2015	133	-	784	56	101	-	85	16	240	-	3	4	146,987
2016	150	-	2,000	275	127	-	123	55	245	-	-	4	195,291
2017	114	750	1,900	-	135	498	76	-	-	-	-	4	250,850
2018	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2019	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2020	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2021	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2022	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2023	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2024	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2025	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2026	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2027	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2028	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2029	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
2030	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
H&P/T	11,315	37,946	86,558	7,166	2,713	20,847	8,920	3,398	10,819	384	98	230	14,372,570
7 - Year Hist Avg (A-12)	156	516	1,438	96	95	296	152	35	241	4	2	4	214,339
Projected Del. (A-2ba)	1,870	6,192	17,258	1,149	1,142	3,552	1,822	415	2,889	46	22	48	2,572,062

CENTRAL VALLEY PROJECT
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YEAR	SAN FELIPE UNIT			SAN LUIS CANAL-TRACY			
	SAN BENITO COUNTY WD	SANTA CLARA VALLEY WD 1/	TOTAL	PACHECO WD	PANOCHÉ WD	SAN LUIS WD	TOTAL
1981	-	-	-	8,018	34,389	90,461	132,868
1982	-	-	-	8,245	42,094	56,957	107,296
1983	-	-	-	7,033	41,384	64,278	112,695
1984	-	-	-	8,381	56,216	105,441	170,038
1985	-	-	-	6,293	53,180	98,358	157,831
1986	-	-	-	6,501	46,686	91,538	144,725
1987	3,071	-	3,071	4,613	55,690	99,663	159,966
1988	7,376	4,000	11,376	7,037	57,623	100,958	165,618
1989	16,379	8,000	24,379	5,649	56,423	86,260	148,332
1990	19,273	7,500	26,773	4,661	47,983	72,886	125,530
1991	14,309	3,500	17,809	3,002	28,335	43,108	74,445
1992	12,279	7,080	19,359	1,055	23,422	31,694	56,171
1993	22,851	2,375	25,226	2,478	43,446	54,850	100,774
1994	11,287	32,605	43,892	4,319	49,306	74,397	128,022
1995	9,740	33,523	43,263	6,527	64,195	60,107	130,829
1996	15,496	53,009	68,505	9,885	87,765	99,040	196,690
1997	35,401	41,037	76,438	8,809	60,980	71,233	141,022
1998	21,036	43,605	64,641	4,824	58,203	59,384	122,411
1999	15,606	-49,840	-34,234	5,284	67,504	74,681	147,469
2000	27,641	17,797	45,438	6,038	39,555	62,658	108,251
2001	24,660	-4,434	20,226	7,438	50,118	94,263	151,819
2002	31,424	-3,964	27,460	6,270	57,696	49,541	113,507
2003	22,737	16,811	39,548	8,752	63,993	73,343	146,088
2004	22,818	39,771	62,589	7,225	57,995	92,501	157,721
2005	22,316	29,776	52,092	5,173	59,154	71,130	135,457
2006	21,235	48,196	69,431	8,855	71,703	76,316	156,874
2007	19,156	23,515	42,671	9,961	59,597	50,357	119,915
2008	11,519	10,742	22,261	2,176	26,652	36,401	65,229
2009	6,167	4,479	10,646	2,536	21,363	26,868	50,767
2010	10,587	11,434	22,021	3,877	18,513	5,340	27,730
2011	7,023	8,881	15,904	6,202	53,115	60,133	119,450
2012	28,612	26,480	55,092	5,291	39,779	55,921	100,991
2013	11,760	16,574	28,334	3,425	18,637	25,235	47,297
2014	135	7,042	7,177	333	8,873	3,967	13,173
2015	3,508	-	3,508	-	1,306	15,208	16,514
2016	3,688	-	3,688	-	5,775	12,622	18,397
2017	6,732	1,655	8,387	5,543	18,157	44,602	68,302
2018	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2019	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2020	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2021	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2022	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2023	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2024	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2025	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2026	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2027	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2028	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2029	8,780	8,662	17,441	2,971	20,806	31,098	54,875
2030	8,780	8,662	17,441	2,971	20,806	31,098	54,875
H&P/T	599,958	553,751	1,153,710	240,326	1,917,283	2,695,978	4,853,587
7 - Year Hist Avg (A-12)	8,780	8,662	17,441	2,971	20,806	31,098	54,875
Projected Del. (A-2ba)	105,357	103,941	209,297	35,647	249,672	373,179	658,498

CENTRAL VALLEY PROJECT
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YEAR	SAN LUIS CANAL -FRESNO			TEHAMA-COLUSA CANAL					
	WESTLANDS WD-SLC 1	WESTLANDS WD- DD#2 1/	TOTAL	4M WD	COLUSA COUNTY WD	CORTINA WD	DAVIS WD	DUNNIGAN WD	GLENN VALLEY WD
1981	1,186,158		1,186,158	(1,930)	32,164	0	5,383	565	0
1982	1,173,839		1,173,839	2,872	22,729	1,461	4,324	296	892
1983	1,019,470		1,019,470	2,611	18,409	1,113	2,138	5,850	440
1984	1,440,790		1,440,790	3,451	30,772	1,918	4,804	15,522	841
1985	1,295,076		1,295,076	3,228	37,899	1,669	5,373	13,331	375
1986	1,149,370		1,149,370	2,099	40,093	1,478	5,267	10,918	796
1987	1,268,146		1,268,146	2,686	63,708	1,889	4,539	14,848	800
1988	1,290,229		1,290,229	2,556	62,230	1,784	5,742	15,732	1,266
1989	1,116,309		1,116,309	2,631	64,278	1,755	4,319	14,002	1,209
1990	819,689		819,689	2,526	28,254	885	1,971	8,597	822
1991	323,058		323,058	1,516	31,601	573	898	5,271	518
1992	331,386		331,386	1,541	24,997	258	1,248	4,846	368
1993	535,138		535,138	1,993	47,028	959	1,202	11,978	713
1994	706,444		706,444	1,840	44,699	1,306	1,692	11,405	483
1995	745,039		745,039	3,075	47,250	1,275	3,000	14,250	1,298
1996	1,186,593		1,186,593	2,342	41,872	1,209	1,531	10,235	936
1997	1,013,778		1,013,778	2,323	49,572	1,595	2,352	17,143	431
1998	904,867		904,867	1,713	18,016	673	2,130	9,433	763
1999	1,111,200		1,111,200	2,232	29,505	628	1,721	14,601	688
2000	480,768		480,768	2,278	37,657	824	1,891	14,445	972
2001	781,658		781,658	2,819	38,853	925	1,722	11,825	968
2002	720,402		720,402	2,375	43,384	815	1,853	15,962	761
2003	860,608		860,608	1,654	38,488	912	2,006	13,806	1,917
2004	906,707		906,707	2,057	39,467	1,151	2,560	14,429	977
2005	795,789		795,789	1,642	39,689	923	1,291	15,202	678
2006	1,066,037		1,066,037	1,834	45,740	876	2,429	14,841	1,384
2007	884,605	1,792	886,397	3,752	56,258	1,292	3,165	18,907	1,384
2008	386,629	-	386,629	2,006	21,306	725	1,352	5,893	410
2009	229,137	1,679	230,816	1,270	20,903	496	1,724	5,688	795
2010	404,758	420	405,178	2,426	41,044	1,122	2,764	7,779	1,403
2011	805,820	1,889	807,709	1,798	33,362	692	1,895	10,009	816
2012	590,161	700	590,861	1,663	47,339	650	2,803	12,797	1,385
2013	245,685	1,679	247,364	2,298	44,182	430	3,188	12,085	1,280
2014	102,962	776	103,738	1,281	25,025	183	1,952	3,362	499
2015	70,006	-	70,006	407	4,138	37	2,250	238	495
2016	78,249	210	78,459	1,061	36,978	867	3,448	8,833	1,344
2017	684,491	-	684,491	1,611	20,295	1,047	2,896	10,235	626
2018	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2019	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2020	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2021	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2022	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2023	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2024	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2025	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2026	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2027	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2028	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2029	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
2030	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
H&P/T	33,497,603	18,902	33,516,505	94,329	1,761,634	43,649	135,054	502,054	43,702
7 - Year Hist Avg (A-12)	368,196	751	368,947	1,446	30,188	558	2,633	8,223	921
Projected Del. (A-2ba)	4,418,355	9,007	4,427,362	17,347	362,261	6,696	31,598	98,673	11,049

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YEAR	TEHAMA-COLUSA CANAL								
	GLIDE WD	HOLTHOUSE WD	KANAWHA WD	KIRKWOOD WD	LA GRANDE WD	MYERS-MARSH MWC	ORLAND-ARTOIS WD	WESTSIDE WD	TOTAL
1981	14,535	-	36,544	105	4,549	-	48,108	25,381	165,404
1982	7,951	1,363	33,288	294	7,490	209	46,521	24,423	154,113
1983	5,127	1,440	26,308	427	4,239	49	47,822	21,766	137,739
1984	13,362	1,937	39,394	470	6,663	353	75,318	36,382	231,187
1985	14,663	2,293	41,517	380	6,705	686	70,756	33,795	232,670
1986	10,645	1,939	39,697	546	6,388	652	64,009	33,612	218,139
1987	11,353	2,420	39,858	520	6,384	414	72,339	39,882	261,640
1988	10,177	2,583	42,650	737	6,704	365	70,695	36,150	259,371
1989	10,633	1,364	37,286	684	5,789	255	57,562	34,286	236,053
1990	4,680	2,087	25,682	797	4,689	128	20,580	32,372	134,070
1991	3,439	745	10,981	616	2,480	-	23,555	18,315	100,508
1992	2,861	479	11,742	706	2,138	64	16,289	15,755	83,292
1993	10,598	1,217	28,518	539	3,505	94	46,102	38,166	192,612
1994	10,606	774	25,553	742	2,379	210	34,654	33,937	170,280
1995	7,875	1,838	33,750	610	4,704	246	51,897	31,588	202,655
1996	10,500	897	37,002	802	5,176	264	54,693	47,721	215,180
1997	9,450	1,977	40,260	834	4,731	148	46,410	56,388	233,614
1998	10,500	1,198	19,492	328	4,468	51	38,385	48,679	155,829
1999	10,500	1,608	31,290	620	4,973	107	50,560	60,930	209,963
2000	10,500	1,281	38,352	881	5,744	255	57,972	61,412	234,464
2001	6,161	1,618	28,959	890	4,533	153	26,080	36,758	162,264
2002	10,639	1,342	41,490	1,380	5,383	121	53,712	48,779	227,996
2003	10,500	2,115	27,984	393	5,769	255	45,533	46,313	197,645
2004	10,500	1,780	36,977	716	5,971	255	42,858	47,349	207,047
2005	8,400	1,832	33,867	709	5,486	204	48,148	47,622	205,693
2006	8,400	1,788	37,829	695	5,370	204	42,389	45,400	209,179
2007	9,450	795	39,186	1,014	5,680	204	37,373	56,114	234,574
2008	3,466	1,879	18,426	864	3,057	46	21,791	25,036	106,257
2009	4,052	201	14,157	414	1,595	57	13,869	16,192	81,413
2010	9,394	1,578	31,737	349	7,068	20	37,178	52,528	196,390
2011	8,400	337	30,580	333	3,383	0	36,959	35,850	164,414
2012	8,410	1,020	34,842	355	5,215	255	47,063	40,870	204,667
2013	7,539	1,256	32,495	1,416	5,402	190	32,337	43,002	187,100
2014	1,453	29	8,623	29	-	-	4,165	22,398	68,999
2015	-	-	2,201	-	-	-	408	9,699	19,873
2016	8,457	1	30,613	-	3,999	-	22,317	38,448	156,366
2017	6,129	82	26,937	-	3,628	-	23,831	38,180	135,497
2018	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2019	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2020	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2021	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2022	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2023	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2024	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2025	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2026	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2027	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2028	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2029	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
2030	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
H&P/T	386,311	52,153	1,424,893	25,156	211,601	7,340	1,840,529	1,805,737	8,334,144
7 - Year Hist Avg (A-12)	5,770	389	23,756	305	3,090	64	23,869	32,635	133,845
Projected Del. (A-2ba)	69,237	4,671	285,070	3,657	37,075	763	286,423	391,623	1,606,142

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	DELTA-MENDOTA EXCHANGE WATER			
	CONTRACTORS	ALL OTHERS	TOTAL	IRRIGATION
1981	777,535	33,796	811,331	770,501
1982	761,359	46,180	807,539	781,530
1983	684,499	43,891	728,390	677,512
1984	776,992	43,310	820,302	771,358
1985	699,869	43,366	743,235	692,612
1986	685,755	43,404	729,159	681,039
1987	631,466	42,072	673,538	630,413
1988	580,657	42,043	622,700	584,609
1989	611,832	42,053	653,885	603,057
1990	625,571	42,041	667,612	611,195
1991	549,220	32,645	581,865	538,515
1992	480,471	32,500	512,971	473,245
1993	569,805	42,279	612,084	565,523
1994	520,175	41,724	561,899	517,721
1995	642,899	24,920	667,819	611,782
1996	730,360	49,647	780,007	714,238
1997	359,929	37,699	397,628	361,240
1998	590,678	12,455	603,133	545,749
1999	655,805	36,801	692,606	636,420
2000	686,333	38,660	724,993	651,993
2001	640,819	38,826	679,645	615,707
2002	638,207	38,120	676,327	618,223
2003	657,943	39,235	697,178	637,543
2004	658,593	38,834	697,427	632,235
2005	692,488	34,190	726,678	666,919
2006	658,229	37,418	695,647	636,436
2007	631,822	37,188	669,010	613,993
2008	595,692	37,710	633,402	582,190
2009	587,073	28,072	615,145	565,567
2010	612,866	33,089	645,955	594,332
2011	648,350	27,184	675,534	619,009
2012	652,015	38,784	690,799	630,496
2013	621,825	40,573	662,398	606,166
2014	413,937	28,083	442,020	405,945
2015	376,937	22,794	399,731	367,186
2016	522,646	32,318	554,964	512,517
2017	622,798	35,129	657,927	605,730
2018	551,215	32,124	583,339	535,293
2019	551,215	32,124	583,339	535,293
2020	551,215	32,124	583,339	535,293
2021	551,215	32,124	583,339	535,293
2022	551,215	32,124	583,339	535,293
2023	551,215	32,124	583,339	535,293
2024	551,215	32,124	583,339	535,293
2025	551,215	32,124	583,339	535,293
2026	551,215	32,124	583,339	535,293
2027	551,215	32,124	583,339	535,293
2028	551,215	32,124	583,339	535,293
2029	551,215	32,124	583,339	535,293
2030	551,215	32,124	583,339	535,293
H&P/T	30,019,251	1,776,639	31,795,890	29,289,252
7 - Year Hist Avg (A-12)	551,215	32,124	583,339	535,293
Projected Del. (A-2ba)	6,614,585	385,483	7,000,068	6,423,513

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS

YEAR	BLACK BUTTE D&R	BUCHANAN UNIT	CLEAR CREEK UNIT	COLUSA BASIN DRAIN DRAIN	CORNING CANAL CANAL	COW CREEK UNIT	CROSS VALLEY CANAL
1981	129	24,000	4,240	-	40,656	13,064	242,702
1982	-	24,000	4,826	-	36,589	10,148	8,531
1983	-	24,000	13,499	-	34,510	11,614	128,565
1984	-	24,000	14,436	-	45,127	14,226	208,577
1985	1,043	24,000	13,813	-	40,254	12,967	144,624
1986	1,029	24,000	13,944	-	36,425	16,942	34,110
1987	610	24,000	19,123	1,027	45,423	17,343	228,278
1988	1,296	24,000	7,880	2,259	42,333	14,432	131,709
1989	855	24,000	6,812	62,054	36,551	14,310	121,694
1990	873	24,000	12,010	25,976	22,805	18,326	93,754
1991	1,020	24,000	6,060	25,701	25,202	6,340	31,940
1992	817	24,000	3,838	16,852	-1,856	5,944	34,214
1993	757	24,000	3,702	37,024	24,344	6,987	26,093
1994	1,352	24,000	13,494	10,581	19,730	18,829	45,111
1995	690	24,000	4,345	19,364	18,482	6,918	4,222
1996	3,407	24,000	2,332	31,710	17,645	9,632	-
1997	2,812	24,000	6,520	-	12,948	9,725	42,500
1998	2,625	24,000	3,161	-	9,017	8,591	17,623
1999	999	24,000	3,724	1,108	17,692	9,764	-397
2000	1,372	24,000	4,513	-	19,332	9,757	83,185
2001	1,094	24,000	7,223	23,039	17,104	11,316	118,507
2002	1,122	24,000	3,735	-19,049	16,447	11,354	60,741
2003	687	24,000	4,655	-10,288	16,034	13,706	53,620
2004	825	24,000	4,721	-	16,773	14,476	47,440
2005	396	24,000	3,313	-	16,062	8,487	30,049
2006	514	24,000	4,170	-	14,562	8,616	4,938
2007	830	24,000	7,090	-	23,124	9,087	64,150
2008	867	24,000	1,470	-	15,780	7,699	30,507
2009	753	24,000	2,414	-	12,152	4,576	28,313
2010	694	24,000	2,465	-	14,535	4,733	25,789
2011	660	24,000	2,335	-	15,965	4,874	40,018
2012	197	24,000	2,570	-	19,608	5,781	9,418
2013	286	24,000	7,002	-	19,530	12,311	57,809
2014	348	24,000	991	-	5,270	588	9,680
2015	237	24,000	-	-	501	941	71
2016	170	24,000	246	-	7,432	2,507	-271
2017	66	24,000	1,296	-	7,203	2,778	600
2018	283	24,000	2,063	10,000	10,787	4,254	16,816
2019	283	24,000	2,063	10,000	10,787	4,254	16,816
2020	283	24,000	2,063	10,000	10,787	4,254	16,816
2021	283	24,000	2,063	10,000	10,787	4,254	16,816
2022	283	24,000	2,063	10,000	10,787	4,254	16,816
2023	283	24,000	2,063	10,000	10,787	4,254	16,816
2024	283	24,000	2,063	10,000	10,787	4,254	16,816
2025	283	24,000	2,063	10,000	10,787	4,254	16,816
2026	283	24,000	2,063	10,000	10,787	4,254	16,816
2027	283	24,000	2,063	10,000	10,787	4,254	16,816
2028	283	24,000	2,063	10,000	10,787	4,254	16,816
2029	283	24,000	2,063	10,000	10,787	4,254	16,816
2030	283	24,000	2,063	10,000	10,787	4,254	16,816
H&P/T	35,117	1,200,000	244,785	357,358	921,522	414,995	2,427,016
7 - Year Hist Avg (A-12)	283	24,000	2,063	10,000	10,787	4,254	16,816
Projected Del. (A-2ba)	3,401	288,000	24,754	120,000	129,444	51,051	201,787

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS

YEAR	DELTA-MENDOTA CANAL	DELTA-MENDOTA POOL	FRIANT DAM	FRIANT-KERN CANAL CLASS 1	FRIANT-KERN CANAL CLASS 2	FRIANT-KERN CANAL TOTAL	HIDDEN UNIT
1981	399,275	129,087	-	782,139	60,103	842,242	24,000
1982	272,410	72,970	14,000	439,482	1,231,984	1,671,466	24,000
1983	338,016	79,379	14,000	533,329	1,020,640	1,553,969	24,000
1984	474,024	132,347	5,740	791,945	466,357	1,258,302	24,000
1985	357,457	76,373	2,660	702,046	107,982	810,028	24,000
1986	302,408	55,387	14,280	440,410	1,087,855	1,528,265	24,000
1987	357,539	83,942	-	642,322	19,853	662,175	24,000
1988	343,280	78,571	-	572,438	-	572,438	24,000
1989	289,687	74,533	-	569,871	-	569,871	24,000
1990	186,370	43,903	-	437,209	-	437,209	24,000
1991	97,694	14,019	-	563,217	-	563,217	24,000
1992	85,910	15,597	-	613,420	-	613,420	24,000
1993	134,070	29,660	12,600	515,815	905,130	1,420,945	24,000
1994	147,143	29,290	-	654,259	23,390	677,649	24,000
1995	199,391	17,842	11,394	264,894	691,686	956,580	24,000
1996	203,445	97,750	12,830	739,850	926,018	1,665,868	24,000
1997	230,828	51,424	12,416	537,646	592,630	1,130,276	24,000
1998	161,415	31,838	2,659	350,089	158,910	508,999	24,000
1999	183,683	52,018	7,458	632,812	185,153	817,965	24,000
2000	145,667	43,475	4,430	817,245	449,347	1,266,592	24,000
2001	164,536	32,565	3,586	627,515	47,391	674,906	24,000
2002	182,927	37,146	8,285	593,868	99,821	693,688	24,000
2003	208,543	51,330	8,018	549,912	246,436	796,348	24,000
2004	228,511	40,005	11,596	669,703	93,333	763,036	24,000
2005	180,079	34,881	7,367	546,647	667,677	1,214,324	24,000
2006	181,997	30,689	7,503	532,375	467,813	1,000,188	24,000
2007	175,805	30,959	8,193	457,136	16,717	473,853	24,000
2008	94,427	13,670	8,533	553,214	51,454	604,668	24,000
2009	55,540	14,461	2,400	563,897	235,584	799,481	24,000
2010	66,832	23,462	7,968	615,796	584,056	1,199,851	24,000
2011	152,649	22,437	6,032	426,116	401,074	827,190	24,000
2012	128,284	27,047	-	570,373	28,732	599,105	24,000
2013	52,939	16,120	-	422,685	1,594	424,279	24,000
2014	13,698	-187	-	84,027	2,505	86,532	24,000
2015	14,086	1,643	-	17,290	-	17,290	24,000
2016	9,645	1,706	999	354,875	75,443	430,318	24,000
2017	62,630	11,268	-	428,857	396,801	825,658	24,000
2018	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2019	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2020	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2021	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2022	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2023	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2024	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2025	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2026	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2027	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2028	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2029	62,133	15,006	1,004	329,203	129,450	458,653	24,000
2030	62,133	15,006	1,004	329,203	129,450	458,653	24,000
H&P/T	7,690,569	1,793,679	208,005	23,894,361	13,026,316	36,920,677	1,200,000
7 - Year Hist Avg (A-12)	62,133	15,006	1,004	329,203	129,450	458,653	24,000
Projected Del. (A-2ba)	745,595	180,067	12,053	3,950,435	1,553,398	5,503,833	288,000

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS

YEAR	MADERA CANAL CLASS 1	MADERA CANAL CLASS 2	MADERA CANAL TOTAL	NEW MELONES D&R	SACRAMENTO RIVER SHASTA	SACRAMENTO RIVER WILLOWS	SACRAMENTO RIVER TOTAL	SAN FELIPE UNIT
1981	188,119	22,982	211,101	-	10,583	312,723	323,306	-
1982	91,612	399,760	491,372	-	10,210	389,007	399,217	-
1983	152,219	346,000	498,219	1,500	13,746	340,296	354,042	-
1984	163,259	166,022	329,281	86	10,846	373,735	384,581	-
1985	153,840	59,276	213,116	-	10,846	384,307	395,153	-
1986	99,500	370,619	470,119	-	10,881	402,767	413,648	-
1987	174,956	-	174,956	-	10,331	357,391	367,722	3,071
1988	121,377	-	121,377	-	10,369	385,959	396,328	11,376
1989	143,772	-	143,772	-	947	351,581	352,528	24,379
1990	98,823	-	98,823	-	12,472	271,203	283,675	26,773
1991	140,133	-	140,133	-	16,839	383,483	400,322	17,809
1992	116,199	-	116,199	-	8,099	296,790	304,889	19,359
1993	77,464	311,400	388,864	-	10,698	212,824	223,522	25,226
1994	197,877	-	197,877	-	552	279,027	279,579	43,892
1995	12,447	202,567	215,014	8,690	7,792	276,692	284,484	43,263
1996	184,344	342,225	526,569	21,040	10,291	343,027	353,318	68,505
1997	130,776	184,505	315,281	28,540	10,156	342,378	352,534	76,438
1998	121,988	33,365	155,353	21,782	10,125	413,629	423,754	64,641
1999	165,391	72,521	237,912	46,080	10,120	437,326	447,446	-34,234
2000	122,183	125,603	247,786	33,664	11,145	327,411	338,556	45,438
2001	163,350	20,892	184,242	28,598	17,853	313,765	331,618	20,226
2002	144,215	31,550	175,765	8,584	2,530	337,089	339,619	27,460
2003	124,332	78,424	202,756	12,351	10,162	428,490	438,652	39,548
2004	158,932	28,871	187,803	14,362	10,120	320,912	331,032	62,589
2005	88,686	97,375	186,061	30,680	2,744	417,837	420,581	52,092
2006	80,999	81,418	162,417	39,561	2,535	301,890	304,425	69,431
2007	165,547	-	165,547	49,856	738	215,976	216,714	42,671
2008	140,441	17,300	157,741	36,884	9,640	309,806	319,446	22,261
2009	127,929	73,451	201,380	32,656	1,525	280,416	281,941	10,646
2010	121,515	191,175	312,690	41,771	188	279,579	279,767	22,021
2011	83,830	94,981	178,811	40,647	2,941	252,419	255,360	15,904
2012	147,694	3,438	151,132	40,375	3,042	269,836	272,878	55,092
2013	80,243	-	80,243	41,105	5,391	247,441	252,832	28,334
2014	16,834	-	16,834	44,394	1,613	136,030	137,643	7,177
2015	1,509	-	1,509	2,941	2,689	146,987	149,676	3,508
2016	107,760	24,689	132,449	-	2,154	195,291	197,445	3,688
2017	103,784	48,419	152,203	32,740	3,325	250,850	254,175	8,387
2018	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2019	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2020	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2021	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2022	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2023	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2024	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2025	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2026	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2027	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2028	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2029	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
2030	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
H&P/T	5,519,808	3,747,378	9,267,186	1,034,405	315,790	14,372,570	14,688,359	1,153,710
7 - Year Hist Avg (A-12)	77,379	24,504	101,883	28,886	3,042	214,339	217,381	17,441
Projected Del. (A-2ba)	928,550	294,046	1,222,596	346,632	36,509	2,572,062	2,608,571	209,297

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	SAN LUIS CANAL TRACY	SAN LUIS CANAL FRESNO	SAN LUIS CANAL TOTAL	TEHAMA-COLUSA CANAL	ASSIGNED WATER (Pg 33-35)	TOTAL W/O EXCHANGE	DELTA-MENDOTA EXCHANGE WATER	GRAND TOTAL
1981	132,868	1,186,158	1,319,026	165,404	65,597	3,803,830	770,501	4,574,331
1982	107,296	1,173,839	1,281,135	154,113	71,945	4,536,723	781,530	5,318,253
1983	112,695	1,019,470	1,132,165	137,739	64,736	4,409,954	677,512	5,087,466
1984	170,038	1,440,790	1,610,828	231,187	81,622	4,838,363	771,358	5,609,721
1985	157,831	1,295,076	1,452,907	232,670	71,446	3,872,511	692,612	4,565,123
1986	144,725	1,149,370	1,294,095	218,139	67,277	4,514,068	681,039	5,195,107
1987	159,966	1,268,146	1,428,112	261,640	61,119	3,760,081	630,413	4,390,494
1988	165,618	1,290,229	1,455,847	259,371	55,995	3,542,491	584,609	4,127,100
1989	148,332	1,116,309	1,264,641	236,053	64,442	3,310,182	603,057	3,913,239
1990	125,530	819,689	945,219	134,070	42,023	2,419,809	611,195	3,031,004
1991	74,445	323,058	397,503	100,508	21,300	1,896,768	538,515	2,435,283
1992	56,171	331,386	387,557	83,292	15,459	1,749,491	473,245	2,222,736
1993	100,774	535,138	635,912	192,612	41,505	3,251,823	565,523	3,817,346
1994	128,022	706,444	834,466	170,280	35,707	2,572,980	517,721	3,090,701
1995	130,829	745,039	875,868	202,655	43,913	2,961,115	611,782	3,572,897
1996	196,690	1,186,593	1,383,283	215,180	46,333	4,706,847	714,238	5,421,085
1997	141,022	1,013,778	1,154,800	233,614	54,703	3,763,358	361,240	4,124,598
1998	122,411	904,867	1,027,278	155,829	35,909	2,678,474	545,749	3,224,223
1999	147,469	1,111,200	1,258,669	209,963	39,750	3,347,600	636,420	3,984,020
2000	108,251	480,768	589,019	234,464	40,144	3,155,394	651,993	3,807,387
2001	151,819	781,658	933,477	162,264	32,008	2,794,309	615,707	3,410,016
2002	113,507	720,402	833,909	227,996	36,549	2,694,279	618,223	3,312,502
2003	146,088	860,608	1,006,696	197,645	45,652	3,133,953	637,543	3,771,496
2004	157,721	906,707	1,064,428	207,047	34,203	3,076,847	632,235	3,709,082
2005	135,457	795,789	931,246	205,693	40,450	3,409,761	666,919	4,076,680
2006	156,874	1,066,037	1,222,911	209,179	9,161	3,318,262	636,436	3,954,698
2007	119,915	886,397	1,006,312	234,574	5,637	2,562,402	613,993	3,176,395
2008	65,229	386,629	451,858	106,257	5,673	1,925,741	582,190	2,507,931
2009	50,767	230,816	281,583	81,413	5,835	1,863,545	565,567	2,429,112
2010	27,730	405,178	432,908	196,390	7,849	2,687,726	594,332	3,282,058
2011	119,450	807,709	927,159	164,414	13,846	2,716,301	619,009	3,335,310
2012	100,991	590,861	691,852	204,667	3,359	2,259,365	630,496	2,889,861
2013	47,297	247,364	294,661	187,100	1,983	1,524,533	606,166	2,130,699
2014	13,173	103,738	116,911	68,999	-	556,878	405,945	962,823
2015	16,514	70,006	86,520	19,873	-	346,796	367,186	713,982
2016	18,397	78,459	96,856	156,366	-	1,087,556	512,517	1,600,073
2017	68,302	684,491	752,793	135,497	-	2,295,294	605,730	2,901,024
2018	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2019	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2020	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2021	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2022	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2023	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2024	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2025	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2026	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2027	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2028	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2029	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
2030	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
H&P/T	4,853,587	33,516,505	38,370,092	8,334,144	1,263,131	127,524,750	29,289,252	156,814,002
7 - Year Hist Avg (A-12)	54,875	368,947	423,822	133,845	-	1,552,257	535,293	2,087,550
Projected Del. (A-2ba)	658,498	4,427,362	5,085,861	1,606,142	-	18,627,084	6,423,513	25,050,597

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

YEAR	ASSIGNMENTS OF HISTORICAL WATER WHEN THERE ARE FEWER OR MORE SERVICES (I=IRRIGATION; M=M&I)						
	BANTA-CARBONA ID (I) TO CITY OF TRACY (M)	BROADVIEW WD (I) TO WESTLANDS WD-SLC (I)	CENTINELLA WD (I) TO WESTLANDS WD-SLC (I)	EXETER ID (I) TO TRI-VALLEY ID (I) C1	IVANHOE WD (I) TO KAWEAH DELTA WCD (I) CLASS 1	IVANHOE WD (I) TO KAWEAH DELTA WCD (I) CLASS 2	LEWIS CREEK WD (I) TO HILLS VALLEY ID (I) C1
1981	6,058	23,244	3,313	428	1,691	444	260
1982	3,097	29,187	2,185	321	1,057	7,844	250
1983	5,364	23,061	2,404	442	1,369	7,400	187
1984	6,722	31,752	3,290	413	1,100	3,552	300
1985	12,321	29,692	2,557	415	1,334	888	250
1986	6,620	23,831	2,145	342	1,129	7,696	250
1987	6,379	23,187	2,211	381	1,069	0	226
1988	4,366	25,335	3,319	364	1,208	0	197
1989	5,914	32,985	2,129	375	914	0	224
1990	3,576	18,823	1,673	284	983	0	197
1991	2,021	9,583	994	415	1,123	0	217
1992	1,950	4,830	573	330	1,147	0	241
1993	2,605	12,442	1,260	395	991	6,660	250
1994	2,776	15,393	1,147	350	1,116	0	200
1995	1,843	13,880	1,276	301	779	6,496	273
1996	1,626	18,989	1,823	450	1,284	5,196	227
1997	6,018	18,091	1,177	394	1,160	2,973	392
1998	3,966	12,750	762	358	1,120	1,016	93
1999	4,194	17,611	1,072	410	1,435	1,480	243
2000	2,980	18,215	2,493	426	1,051	1,797	30
2001	2,337	15,622	1,218	423	1,237	370	0
2002	4,316	17,776	1,656	376	1,227	676	0
2003	5,813	19,633	1,875	377	1,236	3,913	0
2004		21,663	1,750	381	1,078	592	677
2005		26,150		484	1,515	3,506	100
2006		(78)		261	794	4,142	468
2007				310	1,086	0	83
2008				343	938	370	152
2009				473	1,102	583	193
2010				272			341
2011				429			215
2012				272			93
2013				279			129
Historical Total:	102,857	503,647	44,302	12,274	33,275	67,594	6,957

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
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YEAR	ASSIGNMENTS OF HISTORICAL WATER WHEN THERE ARE FEWER OR MORE SERVICES (I=IRRIGATION; M=M&I)						
	PORTERVILLE ID (I) TO HILLS VALLEY ID (I) C1	SO SAN JOAQUIN MUD (I) TO KERN TULARE WD (I) C2	TEA POT DOME WD (I) TO SAUCELITO ID (I) C1	MERCY SPRINGS WD (I) TO WESTLANDS WD-SLC (I)	MERCY SPRINGS WD (I) TO WESTLANDS WD-SLC (I)	ORO LOMA WD (I) TO WESTLANDS WD (I)	MERCY SPRINGS WD (I) TO SANTA CLARA VALLEY WD (I)
1981	1,459	300	416	4,600	4,124	4,330	1,533
1982	797	5,600	166	4,148	3,719	4,467	1,383
1983	735	5,000	286	3,414	3,061	4,000	1,138
1984	1,211	2,400	473	6,658	5,969	4,548	2,219
1985	1,264	261	274	4,307	3,861	3,994	1,436
1986	764	5,608	322	3,455	3,097	3,785	1,152
1987	1,116	0	231	6,180	5,541	4,221	2,060
1988	817	0	283	3,726	3,340	3,946	1,242
1989	960	0	271	4,177	3,745	3,761	1,392
1990	727	0	248	3,607	3,234	2,284	1,202
1991	874	0	252	1,404	1,258	975	468
1992	1,085	0	331	709	636	862	236
1993	835	4,500	279	2,574	2,308	2,357	858
1994	1,112	0	300	2,585	2,318	1,798	862
1995	331	5,000	262	2,606	2,336	3,665	869
1996	1,622	2,900	315	2,033	1,822	3,663	678
1997	864	3,000	292	4,220	3,783	2,763	1,407
1998	825	1,378	196	3,000	2,690	4,126	1,000
1999	1,226	1,000	408	1,394	2,718	2,791	465
2000	980	1,172	278		2,767	2,570	
2001	970	250	319		2,445	1,469	
2002	1,083	457	294		2,385	2,716	
2003	1,045	2,156	251		375	3,236	
2004	1,009	400	323			2,058	
2005	1,058	581	297			3,858	
2006	976	736	264			0	
2007	674	0	255			1,980	
2008	868	250	287			1,598	
2009	1,110	1,559	282			402	
2010	1,702	2,676	308			1,824	
2011	764	7,581	286			3,172	
2012	794		187				
2013	717		174				
Historical Total:	32,371	54,764	9,410	64,794	67,533	87,220	21,598

CENTRAL VALLEY PROJECT
SCHEDULE OF HISTORICAL (1981-2017) & PROJECTED (2018-2030) IRRIGATION WATER DELIVERIES (IN ACRE FEET)
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YEAR	ASSIGNMENTS OF HISTORICAL WATER WHEN THERE ARE FEWER OR MORE SERVICES (I=IRRIGATION; M=M&I)			
	WEST SIDE ID (I) TO CITY OF TRACY (M)	WEST SIDE ID (I) TO CITY OF TRACY (M)	WIDREN WD (I) TO WESTLANDS WD - SLC (I)	TOTAL
1981	4,889	4,889	3,619	65,597
1982	2,503	2,503	2,719	71,945
1983	2,500	2,500	1,877	64,736
1984	3,348	3,348	4,318	81,622
1985	2,599	2,599	3,396	71,446
1986	2,625	2,625	1,831	67,277
1987	2,374	2,374	3,569	61,119
1988	2,466	2,466	2,920	55,995
1989	2,533	2,533	2,530	64,442
1990	1,345	1,345	2,495	42,023
1991	402	402	912	21,300
1992	811	811	908	15,459
1993	918	918	1,354	41,505
1994	1,549	1,549	2,654	35,707
1995	1,250	1,250	1,495	43,913
1996	997	997	1,712	46,333
1997	2,887	2,887	2,395	54,703
1998	972	972	684	35,909
1999	1,371	1,371	561	39,750
2000	1,410	1,410	2,566	40,144
2001	1,546	1,546	2,255	32,008
2002	1,794	1,794	0	36,549
2003	1,795	1,795	2,152	45,652
2004		2,113	2,160	34,203
2005		933	1,968	40,450
2006		1,598		9,161
2007		1,250		5,637
2008		867		5,673
2009		133		5,835
2010		727		7,849
2011		1,399		13,846
2012		2,013		3,359
2013		684		1,983
Historical Total:	44,885	56,600	53,050	1,263,131

CENTRAL VALLEY PROJECT
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FOR CALCULATION OF INDIVIDUAL CONTRACTOR PRORATED CONSTRUCTION COSTS AND RATE

Footnotes:

1/ Assignments:

Assignor	Assignee	A/F	Effective Date
Mercy Springs WD	Westlands WD	4,695	May 14, 1999
Mercy Springs WD	Santa Clara Valley WD	1,565	May 14, 1999
Mercy Springs WD	Westlands WD (DD #2)	4,198	March 1, 2003
Oro Loma WD	Westlands WD	4,000	March 1, 2012
Ivanhoe ID Class 1	Kaweah Delta WCD Class 1	1,200	March 1, 2010
Ivanhoe ID Class 2	Kaweah Delta WCD Class 2	7,400	March 1, 2010
So. San Joaquin MUD Class 2	Kern Tulare WD Class 2	5,000	March 1, 2012
West Side ID	City of Tracy (M&I)	2,500	Feb. 27, 2004
West Side ID	City of Tracy (M&I)	2,500	Dec. 3, 2013
Banta-Carbona ID	City of Tracy (M&I)	5,000	Feb. 27, 2004
Exeter ID	Tri-Valley ID	400	Apr. 5, 2013
Lewis Creek WD	Hills Valley ID	250	Apr. 12, 2013
Porterville ID Class 1	Hills Valley ID	1,000	Apr. 14, 2013
Tea Pot Dome WD	Saucelito ID	300	Apr. 14, 2013

* Contractor Name Changes

From	To
Green Valley Corp 5210A-R-1	Not yet assigned to Swenson Farms
Green Valley Corp 5211A-R-1	Swenson Farms