

IRR 2016 Sch A-7 F.Z18.XLSM
11/27/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2016 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I	J	K
	Historical & Projected	Historical and Projected Deliveries								
				Conveyance Pumping						
Facility/Contractor	1981-2030 Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
<u>Black Butte</u>										
4-E WD	1,260	1,260								
Stony Creek WD	38,442	38,442								
Total Black Butte	39,702	39,702								
<u>Buchanan Unit</u>										
Chowchilla WD - BU	1,200,000	1,200,000								
<u>Clear Creek Unit</u>										
Clear Creek CSD	260,419	260,419	260,419							
<u>Colusa Basin Drain</u>										
Colusa Drain MWC	302,025	302,025								
<u>Corning Canal</u>										
Corning WD	664,247	664,247	664,247	664,247					664,247	
Proberta WD	146,187	146,187	146,187	146,187					146,187	
Thomes Creek WD	190,784	190,784	190,784	190,784					-	
Total Corning Canal	1,001,218	1,001,218	1,001,218	1,001,218					810,434	
<u>Cow Creek Unit</u>										
Bella Vista WD	446,176	446,176	446,176						446,176	
<u>Cross Valley Canal</u>										
County of Fresno	57,681	57,681						57,681	57,681	
County of Tulare	90,913	90,913						90,913	90,913	
Hills Valley ID	63,906	63,906						63,906	63,906	
Kern-Tulare WD	1,109,618	1,109,618						1,109,618	1,109,618	
Lower Tule River ID	659,717	659,717						659,717	659,717	
Pixley ID	665,319	665,319						665,319	665,319	
Tri-Valley WD	21,508	21,508						21,508	21,508	
Total Cross Valley Canal	2,668,660	2,668,660						2,668,660	2,668,660	

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		Conveyance Pumping								
Facility/Contractor		Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
<u>Delta-Mendota Canal</u>										
Banta-Carbona ID	440,969	440,969	440,969		440,969	229,909				
Byron Bethany ID	497,948	497,948	497,948		497,948	235,960				
Del Puerto WD	3,724,411	3,724,411	3,724,411		3,724,411	1,998,510				
Eagle Field WD	131,380	131,380	131,380		131,380	76,715				
Mercy Springs WD	67,323	67,323	67,323		67,323	34,229				
Oro Loma WD	16,540	16,540	16,540		16,540	9,600				
Pacheco WD--DMC	44,239	44,239	44,239		44,239	7,000				
Panoche WD--DMC	636,130	636,130	636,130		636,130	208,285				
Patterson WD	429,580	429,580	429,580		429,580	254,958				
San Luis WD--DMC	741,301	741,301	741,301		741,301	327,558				
West Side ID	70,590	70,590	70,590		70,590	42,418				
West Stanislaus ID	1,288,346	1,288,346	1,288,346		1,288,346	546,135				
Total Delta-Mendota Canal	8,088,758	8,088,758	8,088,758		8,088,758	3,971,277				
<u>Delta-Mendota Pool</u>										
Coelho Trust	90,855	90,855	90,855		90,855	31,076				
Fresno Slough WD	99,328	99,328	99,328		99,328	33,782				
James ID	968,381	968,381	968,381		968,381	517,055				
Laguna WD	22,699	22,699	22,699		22,699	13,160				
Recl. Dist #1606	5,487	5,487	5,487		5,487	3,605				
Tranquillity ID	359,300	359,300	359,300		359,300	215,578				
Tranquillity PUD	1,709	1,709	1,709		1,709	791				
Westlands WD--DMP	359,573	359,573	359,573		359,573	3,836				
Total Delta-Mendota Pool	1,907,332	1,907,332	1,907,332		1,907,332	818,883				
<u>Friant Dam - Class 2</u>										
Gravelly Ford WD	250,938									
<u>Friant-Kern Canal - Class 1 ^{1/}</u>										
Arvin-Edison WSD	1,918,372	1,918,372	1,918,372							
Delano-Earlimart ID	4,708,544	4,708,544	4,708,544							
Exeter ID	479,765	479,765	479,765							
Garfield WD	149,896	149,896	149,896							
Hills Valley ID	1,998	1,998	1,998							
International WD	51,496	51,496	51,496							

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	Historical & Projected	Historical and Projected Deliveries								
	1981-2030	Conveyance Pumping								
Facility/Contractor	Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
Ivanhoe ID	282,818	282,818	282,818							
Kaweah Delta WCD	13,915	13,915	13,915							
Lewis Creek WD	46,220	46,220	46,220							
Lindmore ID	1,445,767	1,445,767	1,445,767							
Lindsay-Strathmore ID	1,210,380	1,210,380	1,210,380							
Lower Tule River ID - FKC	2,674,985	2,674,985	2,674,985							
Orange Cove ID	1,654,442	1,654,442	1,654,442							
Porterville ID	694,273	694,273	694,273							
Saucelito ID	962,674	962,674	962,674							
Shafter-Wasco ID	2,162,241	2,162,241	2,162,241							
So San Joaquin MUD	4,212,404	4,212,404	4,212,404							
Stone Corral ID	432,362	432,362	432,362							
Tea Pot Dome WD	312,060	312,060	312,060							
Terra Bella ID	1,225,311	1,225,311	1,225,311							
Tri-Valley ID	914	914	914							
Tulare ID	1,407,164	1,407,164	1,407,164							
Total Friant Kern Canal - Class 1	3/ 26,048,001	26,048,001	26,048,001							
<u>Friant-Kern Canal - Class 2</u>										
Arvin-Edison WSD	4,302,409		4,302,409							
Delano-Earlimart ID	1,189,190		1,189,190							
Exeter ID	193,279		193,279							
Fresno ID	757,720		757,720							
Ivanhoe ID	10,826		10,826							
Kaweah Delta WCD	48,629		48,629							
Kern-Tulare WD	11,429		11,429							
Lindmore ID	289,993		289,993							
Lower Tule River ID - FKC	3,155,063		3,155,063							
Porterville ID	352,325		352,325							
Saucelito ID	456,390		456,390							
Shafter-Wasco ID	531,308		531,308							
So San Joaquin MUD	741,080		741,080							
Tulare ID	1,825,868		1,825,868							
Total Friant Kern Canal - Class 2	13,865,507		13,865,507							
<u>Hidden Unit</u>										
Madera ID - HU	1,200,000	1,200,000								

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	1981-2030 Deliveries	Conveyance Pumping								
Facility/Contractor	Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
<u>Madera Canal - Class 1</u> ^{1/}										
Chowchilla WD - MC	2,362,726	2,362,726	2,362,726							
Madera ID - MC	3,580,354	3,580,354	3,580,354							
Total Madera Canal - Class 1	5,943,080	5,943,080	5,943,080							
<u>Madera Canal - Class 2</u>										
Chowchilla WD - MC	2,031,151		2,031,151							
Madera ID - MC	2,193,929		2,193,929							
Total Madera Canal - Class 2	4,225,080		4,225,080							
<u>New Melones D & R</u>										
Central San Joaquin WCD	1,059,934	1,059,934								
Stockton East WD	198,316	198,316								
Total New Melones D&R	1,258,251	1,258,251								
<u>Sacramento River - Shasta</u>										
Anderson-Cottonwood ID	305,664	305,664								
Daniell, H & B	130	130								
Driscoll Strawberry	5,589	5,589								
Gjermann, H	192	192								
Leviathan Inc.	11,222	11,222								
Redding Rancheria	1,232	1,232								
Total Sacramento River - Shasta	324,029	324,029								
<u>Sacramento River - Willows</u>										
* Alexander, T & K (Yockey, W)	101	101								
Anderson, A/et al	317	317								
Anderson, R & J	4,339	4,339								
Andreotti, A/et al	65,158	65,158								
Baber, J/et al	116,957	116,957								
Beckley, R & O	4,599	4,599								
Butler, Diane	11,552	11,552								
Butte Creek Farms Inc	15,224	15,224								
Byrd, A & Osborne, J.	8,452	8,452								
Cachil Dehe Band of Wintun	4,572	4,572								
Carter MWC	28,792	28,792								
Churkin, M Jr & C	1,591	1,591								

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Facility/Contractor	Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
Conaway Consv Grp	32,203	32,203								
County of Sacramento	3,372	3,372								
Cranmore Farms LLC	94,422	94,422								
Cummings, W	4,322	4,322								
Driver, Gary/et al	302	302								
Driver, J & C Trustees	1,712	1,712								
Driver, Gregory	160	160								
Driver, W/et al	1,197	1,197								
Dyer, J & Wing, J	7,201	7,201								
Eastside MWC	25,539	25,539								
Ehrke, A & B	6,256	6,256								
E L H Sutter Properties	133	133								
Feather WD	439,433	439,433								
Fedora, S/Taylor, W	527	527								
Furlan, E & S	824	824								
Gillaspy, W	2,837	2,837								
Giovannetti, B & M	2,188	2,188								
Giusti, R & S	33,227	33,227								
Glenn-Colusa ID	4,695,726	4,695,726								
Green Valley Corp	19,683	19,683								
Griffin, J/Prater	48,879	48,879								
Hale, J/Marks, A	1,303	1,303								
Hatfield, R & B	642	642								
Heidrick, J Family Trust	723	723								
Heidrick, M	2,340	2,340								
Hiatt, T	22,965	22,965								
Hiatt, T/Illicher, P	9,864	9,864								
Howald Farms Inc	60,041	60,041								
Jaeger, W & P	6,766	6,766								
Jansen, P & S	1,485	1,485								
Kary, C	14,229	14,229								
King, Ben	163	163								
King, L	342	342								
KLSY, LLC	1,681	1,681								
Knights Landing Investors	40,956	40,956								
Lauppe, B ET UX	3,874	3,874								
Lauppe, B & K	3,576	3,576								
Leiser, D	893	893								

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Facility/Contractor	Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
Ref	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>	<Sch A-13>
Lockett, W & J	1,953	1,953								
Lomo CS & Micheli, J	30,517	30,517								
Lonon, M	15,371	15,371								
M C M Properties	26,221	26,221								
Maxwell ID	261,130	261,130								
* Mehrhof & Montgomery (Empire Group, LLC) ^{5/}	1,173	1,173								
Meridian Farms WC	520,209	520,209								
Micke, D & N	172	172								
Morehead, J/et ux	1,940	1,940								
Munson, J & D	1,023	1,023								
Natomas Basin Conserv	7,694	7,694								
Natomas Central MWC	1,012,637	1,012,637								
Nelson, T & H	3,902	3,902								
O'Brien, J & F	12,314	12,314								
Odysseus Farms	20,173	20,173								
Oji Brothers Farm Inc	80,075	80,075								
Oji, M/et al	54,936	54,936								
* Otterson, M (Canal Farms)	12,792	12,792								
Pacific Realty Inc	46,392	46,392								
Pelger MWC	75,087	75,087								
Penner, R & L	314	314								
Pleasant Grv-Vrna MWC	118,087	118,087								
Princeton-Codora-Glenn ID	664,518	664,518								
Provident ID	209,529	209,529								
Quad-H-Ranches Inc	14,665	14,665								
Recl Dist # 108	1,385,654	1,385,654								
Recl Dist #1000	1,405	1,405								
Recl Dist #1004	635,577	635,577								
Reische, E	983	983								
Reische, L	4,686	4,686								
Richter, H Jr/et al	39,497	39,497								
River Garden Farms Co	21,398	21,398								
* Riverby Limited (Mesquite Investors, LLC)	1,183	1,183								
Roberts Ditch Irr Co	13,864	13,864								
Rubio, E & E	171	171								
Saeed, F	31,046	31,046								
Seaver, C	1,241	1,241								
Sioux Creek Property LLC	899	899								

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Sutter MWC	3,271,070	3,271,070								
Sycamore Family Trust	430,515	430,515								
T & P Farms	11,850	11,850								
Tarke, S	41,937	41,937								
Tisdale Irr & Drain Co	87,747	87,747								
Van Ruiten Brothers 1415L	8,178	8,178								
Van Ruiten Brothers 520XL	2,731	2,731								
Wallace, J & J	3,596	3,596								
Wallace, K Trust	11,575	11,575								
Wisler, J	396	396								
Young, R/et al	230	230								
Total Sacramento River - Willows	15,053,896	15,053,896								
San Felipe Unit										
San Benito County WD	645,158	645,158	645,158		645,158	530,756	645,158		645,158	
Santa Clara Valley WD	635,224	635,224	635,224		635,224	606,466	635,224		635,224	
Total San Felipe Unit	1,280,382	1,280,382	1,280,382		1,280,382	1,137,222	1,280,382		1,280,382	
San Luis Canal--Fresno										
Westlands WD--SLC	34,198,652	34,198,652	34,198,652		34,198,652	19,459,026	34,198,652	34,198,652	34,198,652	34,198,652
Westlands WD--SLC (DD#2)	25,262	25,262	25,262		25,262	50,777	25,262	25,262	25,262	
Total San Luis Canal - Fresno	34,223,914	34,223,914	34,223,914		34,223,914	19,509,803	34,223,914	34,223,914	34,223,914	34,198,652
San Luis Canal--Tracy										
Pacheco WD--SLC	250,657	250,657	250,657		250,657	167,213	250,657	250,657		
Panoche WD--SLC	2,048,840	2,048,840	2,048,840		2,048,840	1,317,397	2,048,840	2,048,840	2,048,840	2,048,840
San Luis WD--SLC ^{2/}	2,708,102	2,708,102	2,708,102		2,708,102	1,501,022	2,708,102	2,517,135	2,708,102	2,708,102
Total San Luis Canal - Tracy	5,007,600	5,007,600	5,007,600		5,007,600	2,985,632	5,007,600	4,816,632	4,756,942	4,756,942
Tehama-Colusa Canal										
4-M WD	101,583	101,583	101,583							
Colusa County WD	1,840,712	1,840,712	1,840,712						1,840,712	
Cortina WD	44,268	44,268	44,268						44,268	
Davis WD--TCC	128,064	128,064	128,064						128,064	
Dunnigan WD	507,540	507,540	507,540						507,540	
Glenn Valley WD	44,326	44,326	44,326							

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Facility/Contractor	1981-2030 Deliveries	Storage	Conveyance	Corning PP	Jones PP	DMC Intertie 2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
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Glide WD	394,351	394,351	394,351							
Holthouse WD	61,410	61,410	61,410							
Kanawha WD	1,446,853	1,446,853	1,446,853						1,446,853	
Kirkwood WD	29,789	29,789	29,789							
La Grande WD	222,599	222,599	222,599							
Myers-Marsh MWC	7,899	7,899	7,899							
Orland-Artois WD	1,925,652	1,925,652	1,925,652						1,925,652	
Westside WD	1,834,296	1,834,296	1,834,296						1,834,296	
Total Tehama-Colusa Canal	8,589,342	8,589,342	8,589,342						7,727,386	
Delta-Mendota Exchange Water	29,996,341				29,996,341					
Subtotal	163,180,650	114,842,784	110,886,809	1,001,218	80,504,327	28,422,817	40,511,896	41,709,206	51,913,895	38,955,595
Assignments of Historical Costs										
Banta-Carbona ID to City of Tracy (M&I)	102,857	102,857	102,857		102,857					
Broadview WD to Westlands WD - SLC	503,647	503,647	503,647		503,647					
Centinella WD to Westlands WD - SLC	44,302	44,302	44,302		44,302					
Exeter ID to Tri-Valley ID Class 1 ^{1/}	12,274	12,274	12,274		-					
Ivanhoe ID to Kaweah Delta WCD - Class 1 ^{1/}	33,275	33,275	33,275		-					
Ivanhoe ID to Kaweah Delta WCD - Class 2	67,594	-	67,594		-					
Lewis Creek WD to Hills Valley ID Class 1 ^{1/}	6,957	6,957	6,957		-					
Porterville ID to Hills Valley ID Class 1 ^{1/}	32,371	32,371	32,371		-					
So San Joaquin MUD to Kern-Tulare WD lass Class 2	54,764	-	54,764		-					
Tea Pot Dome WD to Saucelito ID Class 1 ^{1/}	9,410	9,410	9,410		-					
Mercy Springs WD to Westlands WD - SLC	64,794	64,794	64,794		64,794					
Mercy Springs WD to Westlands WD - SLC DD#2	67,533	67,533	67,533		67,533					
Oro Loma WD to Westlands WD - SLC	87,220	87,220	87,220		87,220					
Mercy Springs WD to Santa Clara Valley WD	21,598	21,598	21,598		21,598					
Westside ID to City of Tracy (M&I)	44,885	44,885	44,885		44,885					
Westside ID to City of Tracy (M&I)	56,600	56,600	56,600		56,600					
Widren WD to Westlands WD - SLC	53,050	53,050	53,050		53,050					
Total Assignments of Historical Costs	1,263,131	1,140,774	1,263,131		1,046,486					
Grand Total ^{3/}	164,443,781	115,983,558	112,149,941	1,001,218	81,550,813	28,422,817	40,511,896	41,709,206	51,913,895	38,955,595

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2016 IRRIGATION WATER RATES

FOOTNOTES

- 1/ These contractors are responsible for that portion of the Jones Pumping Plant costs applicable to pumping the Delta-Mendota Exchange Water.
- 2/ San Luis WD's projected deliveries for Dos Amigos PP is reduced as a significant amount of water is not pumped through the pumping plant.
- 3/ 163,433 AF difference vs. Sch. A-13 total is due to Fresno ID (Class1) historical deliveries not being allocated. The contractor is no longer a Class 1 Contractor.

* Contractor Name Changes - see Schedule A-13, Page 39

Total with Exchange Water per Sch. A-7	164,443,781	
Total with Exchange Water per Sch. A-13 Page 35	164,607,214	
Variance - Fresno ID Class 1, Sch. A-13 Page 8	<u>(163,433)</u>	Difference is "Fresno ID Class 1"