

IRR 2017 Sch A-7 F.Z19.XLSM
09/26/2016

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2017 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I	J	K
	Historical & Projected 1981-2030 Deliveries	Historical and Projected Deliveries								
				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>
Black Butte										
4-E WD	1,257	1,257								
Stony Creek WD	36,786	36,786								
Total Black Butte	38,042	38,042								
Buchanan Unit										
Chowchilla WD - BU	1,200,000	1,200,000								
Clear Creek Unit										
Clear Creek CSD	254,520	254,520	254,520							
Colusa Basin Drain										
Colusa Drain MWC	377,358	377,358								
Corning Canal										
Corning WD	630,773	630,773	630,773	630,773					630,773	
Proberta WD	141,108	141,108	141,108	141,108					141,108	
Thomes Creek WD	182,405	182,405	182,405	182,405					-	
Total Corning Canal	954,287	954,287	954,287	954,287					771,882	
Cow Creek Unit										
Bella Vista WD	426,841	426,841	426,841						426,841	
Cross Valley Canal										
County of Fresno	54,445	54,445						54,445	54,445	
County of Tulare	87,177	87,177						87,177	87,177	
Hills Valley ID	60,212	60,212						60,212	60,212	
Kern-Tulare WD	1,072,381	1,072,381						1,072,381	1,072,381	
Lower Tule River ID	636,970	636,970						636,970	636,970	
Pixley ID	643,229	643,229						643,229	643,229	
Tri-Valley WD	20,430	20,430						20,430	20,430	
Total Cross Valley Canal	2,574,843	2,574,843						2,574,843	2,574,843	

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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	420,089	420,089	420,089		420,089	172,413				
Byron Bethany ID	481,466	481,466	481,466		481,466	192,463				
Del Puerto WD	3,607,466	3,607,466	3,607,466		3,607,466	1,705,482				
Eagle Field WD	126,300	126,300	126,300		126,300	63,527				
Mercy Springs WD	65,862	65,862	65,862		65,862	31,066				
Oro Loma WD	15,830	15,830	15,830		15,830	7,760				
Pacheco WD--DMC	44,096	44,096	44,096		44,096	6,857				
Panoche WD--DMC	627,284	627,284	627,284		627,284	189,327				
Patterson WD	408,354	408,354	408,354		408,354	198,470				
San Luis WD--DMC	723,126	723,126	723,126		723,126	279,994				
West Side ID	67,871	67,871	67,871		67,871	35,611				
West Stanislaus ID	1,262,166	1,262,166	1,262,166		1,262,166	470,719				
Total Delta-Mendota Canal	7,849,911	7,849,911	7,849,911		7,849,911	3,353,688				
<u>Delta-Mendota Pool</u>										
Coelho Trust	91,401	91,401	91,401		91,401	33,399				
Fresno Slough WD	96,487	96,487	96,487		96,487	26,208				
James ID	947,918	947,918	947,918		947,918	472,049				
Laguna WD	21,745	21,745	21,745		21,745	10,697				
Recl. Dist #1606	5,043	5,043	5,043		5,043	2,346				
Tranquillity ID	343,029	343,029	343,029		343,029	173,143				
Tranquillity PUD	1,601	1,601	1,601		1,601	480				
Westlands WD--DMP	356,001	356,001	356,001		356,001	171,429				
Total Delta-Mendota Pool	1,863,225	1,863,225	1,863,225		1,863,225	889,751				
<u>Friant Dam - Class 2</u>										
Gravelly Ford WD	229,091									
<u>Friant-Kern Canal - Class 1 ^u</u>										
Arvin-Edison WSD	1,812,696	1,812,696	1,812,696							
Delano-Earlimart ID	4,438,176	4,438,176	4,438,176							
Exeter ID	452,213	452,213	452,213							
Garfield WD	141,124	141,124	141,124							
Hills Valley ID	3,414	3,414	3,414							
International WD	48,594	48,594	48,594							

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	Historical & Projected 1981-2030 Deliveries	Storage	Conveyance	Historical and Projected Deliveries						
				Conveyance Pumping						
Facility/Contractor				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	267,973	267,973	267,973							
Kaweah Delta WCD	13,310	13,310	13,310							
Lewis Creek WD	43,869	43,869	43,869							
Lindmore ID	1,351,259	1,351,259	1,351,259							
Lindsay-Strathmore ID	1,133,870	1,133,870	1,133,870							
Lower Tule River ID - FKC	2,503,024	2,503,024	2,503,024							
Orange Cove ID	1,557,529	1,557,529	1,557,529							
Porterville ID	653,420	653,420	653,420							
Saucelito ID	900,373	900,373	900,373							
Shafter-Wasco ID	2,022,417	2,022,417	2,022,417							
So San Joaquin MUD	3,957,532	3,957,532	3,957,532							
Stone Corral ID	405,231	405,231	405,231							
Tea Pot Dome WD	291,943	291,943	291,943							
Terra Bella ID	1,145,598	1,145,598	1,145,598							
Tri-Valley ID	866	866	866							
Tulare ID	1,311,177	1,311,177	1,311,177							
Total Friant Kern Canal - Class 1	3/ 24,455,608	24,455,608	24,455,608							
<u>Friant-Kern Canal - Class 2</u>										
Arvin-Edison WSD	4,207,704		4,207,704							
Delano-Earlimart ID	1,161,439		1,161,439							
Exeter ID	189,103		189,103							
Fresno ID	740,933		740,933							
Ivanhoe ID	10,497		10,497							
Kaweah Delta WCD	46,514		46,514							
Kern-Tulare WD	10,714		10,714							
Lindmore ID	283,514		283,514							
Lower Tule River ID - FKC	3,093,729		3,093,729							
Porterville ID	345,613		345,613							
Saucelito ID	446,866		446,866							
Shafter-Wasco ID	520,583		520,583							
So San Joaquin MUD	720,746		720,746							
Tulare ID	1,790,152		1,790,152							
Total Friant Kern Canal - Class 2	13,568,106		13,568,106							
<u>Hidden Unit</u>										
Madera ID - HU	1,200,000	1,200,000								

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				Conveyance Pumping						
Facility/Contractor				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	2,203,401	2,203,401	2,203,401							
Madera ID - MC	3,340,835	3,340,835	3,340,835							
Total Madera Canal - Class 1	5,544,236	5,544,236	5,544,236							
<u>Madera Canal - Class 2</u>										
Chowchilla WD - MC	1,987,091		1,987,091							
Madera ID - MC	2,146,582		2,146,582							
Total Madera Canal - Class 2	4,133,674		4,133,674							
<u>New Melones D & R</u>										
Central San Joaquin WCD	952,075	952,075								
Stockton East WD	196,692	196,692								
Total New Melones D&R	1,148,766	1,148,766								
<u>Sacramento River - Shasta</u>										
Anderson-Cottonwood ID	290,018	290,018								
Daniell, H & B	129	129								
Driscoll Strawberry	5,551	5,551								
Gjermann, H	180	180								
Leviathan Inc.	11,235	11,235								
Redding Rancheria	1,212	1,212								
Total Sacramento River - Shasta	308,325	308,325								
<u>Sacramento River - Willows</u>										
Anderson, A/et al	310	310								
Anderson, R & J	4,211	4,211								
Andreotti, A/et al	62,017	62,017								
Baber, J/et al	115,477	115,477								
Butler, Diane	11,362	11,362								
Butte Creek Farms Inc	14,191	14,191								
Byrd, A & Osborne, J.	8,216	8,216								
Cachil Dehe Band of Wintun	4,497	4,497								
* Canal Farms	12,887	12,887								
Carter MWC	28,496	28,496								
* Charter, Mary	4,684	4,684								
Churkin, M Jr & C	1,551	1,551								

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				Conveyance Pumping						
Facility/Contractor				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 Consrv Grp	31,530	31,530								
County of Sacramento	3,620	3,620								
Cummings, W	4,150	4,150								
Driver, Gary/et al	299	299								
Driver, J & C Trustees	1,690	1,690								
Driver, Gregory	158	158								
Driver, W/et al	1,190	1,190								
Dyer, J & Wing, J	7,243	7,243								
Eastside MWC	24,662	24,662								
Ehrke, A & B	5,874	5,874								
E L H Sutter Properties	133	133								
* Empire Group, LLC	1,132	1,132								
Feather WD	419,617	419,617								
Fedora, S/Taylor, W	522	522								
Gillaspy, W	2,997	2,997								
Giovannetti, B & M	2,157	2,157								
Giusti, R & S	32,912	32,912								
Glenn-Colusa ID	4,560,078	4,560,078								
Green Valley Corp	19,253	19,253								
Griffin, J/Prater	47,329	47,329								
Hale, J/Marks, A	1,213	1,213								
Hatfield, R & B	634	634								
Heidrick, J Family Trust	869	869								
Heidrick, M	2,280	2,280								
Hiatt, T/Ilerich, P	9,616	9,616								
Howald Farms Inc	58,346	58,346								
Jaeger, W & P	6,696	6,696								
Jansen, P & S	1,461	1,461								
Kary, C	12,971	12,971								
King, Ben	135	135								
King, L	340	340								
KLSY, LLC	1,677	1,677								
Knights Landing Investors	38,693	38,693								
Lauppe, B ET UX	3,871	3,871								
Lauppe, B & K	3,594	3,594								
Leiser, D	879	879								

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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>
* Leonard, James	747	747								
Lockett, W&J	1,919	1,919								
Lomo CS & Micheli, J	28,993	28,993								
Lonon, M	15,343	15,343								
M C M Properties	24,697	24,697								
Maxwell ID	251,039	251,039								
Meridian Farms WC	491,101	491,101								
* Mesquite Investor LLC	1,098	1,098								
Micke, D & N	170	170								
Morehead, J/et ux	2,460	2,460								
Munson, J & D	1,074	1,074								
Natomas Basin Conserv	7,252	7,252								
Natomas Central MWC	999,035	999,035								
Nelson, T & H	3,830	3,830								
O'Brien, J & F	11,465	11,465								
Odysseus Farms	19,867	19,867								
Oji Brothers Farm Inc	79,184	79,184								
Oji, M/et al	51,910	51,910								
Pacific Realty Inc	45,901	45,901								
Pelger MWC	76,120	76,120								
* Pelger Road 1700, LLC	91,722	91,722								
Penner, R & L	311	311								
Pleasant Grv-Vrna MWC	115,649	115,649								
Princeton-Codora-Glenn ID	640,665	640,665								
Provident ID	199,425	199,425								
Quad-H-Ranches Inc	13,709	13,709								
Recl Dist # 108	1,294,487	1,294,487								
Recl Dist #1000	1,388	1,388								
Recl Dist #1004	616,749	616,749								
Reische, E	1,014	1,014								
Reische, L	5,297	5,297								
Richter, H Jr/et al	36,592	36,592								
River Garden Farms Co	19,161	19,161								
Roberts Ditch Irr Co	13,310	13,310								
Rubio, E & E	171	171								
Saeed, F	29,053	29,053								
Seaver, C	1,486	1,486								
Sioux Creek Property LLC	887	887								

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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>
Sutter MWC	3,216,973	3,216,973								
Sycamore Family Trust	427,077	427,077								
T & P Farms	11,654	11,654								
Tarke, S	39,188	39,188								
Tisdale Irr & Drain Co	84,390	84,390								
Van Ruiten Brothers 1415L	7,672	7,672								
Van Ruiten Brothers 520XL	2,658	2,658								
* Van Ruiten Brothers 880S	21,696	21,696								
Wallace, J & J	3,477	3,477								
Wallace, K Trust	11,383	11,383								
Wisler, J	392	392								
Yockey, W	102	102								
Young, R/et al	230	230								
Total Sacramento River - Willows	14,598,888	14,598,888								
San Felipe Unit										
San Benito County WD	620,671	620,671	620,671		620,671	468,502	620,671		620,671	
Santa Clara Valley WD	599,973	599,973	599,973		599,973	520,573	599,973		599,973	
Total San Felipe Unit	1,220,643	1,220,643	1,220,643		1,220,643	989,076	1,220,643		1,220,643	
San Luis Canal--Fresno										
Westlands WD--SLC	33,195,159	33,195,159	33,195,159		33,195,159	16,962,881	33,195,159	33,195,159	33,195,159	33,195,159
Westlands WD--SLC (DD#2)	24,241	24,241	24,241		24,241	49,757	24,241	24,241	24,241	
Total San Luis Canal - Fresno	33,219,400	33,219,400	33,219,400		33,219,400	17,012,638	33,219,400	33,219,400	33,219,400	33,195,159
San Luis Canal--Tracy										
Pacheco WD--SLC	242,589	242,589	242,589		242,589	148,886	242,589	242,589		
Panoche WD--SLC	1,969,129	1,969,129	1,969,129		1,969,129	1,118,197	1,969,129	1,969,129	1,969,129	1,969,129
San Luis WD--SLC ^{2/}	2,647,345	2,647,345	2,647,345		2,647,345	1,340,354	2,647,345	2,478,959	2,647,345	2,647,345
Total San Luis Canal - Tracy	4,859,062	4,859,062	4,859,062		4,859,062	2,607,438	4,859,062	4,690,677	4,616,473	4,616,473
Tehama-Colusa Canal										
4-M WD	96,743	96,743	96,743							
Colusa County WD	1,774,753	1,774,753	1,774,753						1,774,753	
Cortina WD	42,217	42,217	42,217						42,217	
Davis WD--TCC	129,999	129,999	129,999						129,999	
Dunnigan WD	487,430	487,430	487,430						487,430	
Glenn Valley WD	44,062	44,062	44,062							

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Glide WD	380,822	380,822	380,822							
Holthouse WD	56,483	56,483	56,483							
Kanawha WD	1,389,878	1,389,878	1,389,878						1,389,878	
Kirkwood WD	27,401	27,401	27,401							
La Grande WD	212,374	212,374	212,374							
Myers-Marsh MWC	7,633	7,633	7,633							
Orland-Artois WD	1,852,616	1,852,616	1,852,616						1,852,616	
Westside WD	1,777,434	1,777,434	1,777,434						1,777,434	
Total Tehama-Colusa Canal	8,279,843	8,279,843	8,279,843						7,454,326	
Delta-Mendota Exchange Water	29,330,846				29,330,846					
Subtotal	157,635,515	110,373,799	106,629,356	954,287	78,343,088	24,852,591	39,299,106	40,484,919	50,284,408	37,811,632
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 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/}	158,898,647	111,514,573	107,892,487	954,287	79,389,574	24,852,591	39,299,106	40,484,919	50,284,408	37,811,632

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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/ 163,435 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.

Total with Exchange Water per Sch. A-7	158,898,647	
Total with Exchange Water per Sch. A-13 Page 24	159,062,069	
Variance - Fresno ID Class 1, Sch. A-13 Page 8	<u>(163,422)</u>	Difference is "Fresno ID Class 1"