

IRR 2019 Sch A-7 F.Z21.XLSM
09/11/2018

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2019 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I	J	K
Facility/Contractor Ref	Historical & Projected 1981-2030 Deliveries <Sch A-13>	Historical and Projected Deliveries								
		Storage <Sch A-13>	Conveyance <Sch A-13>	Corning PP <Sch A-13>	Jones PP <Sch A-13>	DMC Intertie '2014-2063 <Sch A-13>	Conveyance Pumping			
							O'Neill PG <Sch A-13>	Dos Amigos PP <Sch A-13>	Direct Pumping <Sch A-13>	San Luis Drain <Sch A-13>
Black Butte										
4-E WD	1,251	1,251								
Stony Creek WD	33,865	33,865								
Total Black Butte	35,117	35,117								
Buchanan Unit										
Chowchilla WD - BU	1,200,000	1,200,000								
Clear Creek Unit										
Clear Creek CSD	244,785	244,785	244,785							
Colusa Basin Drain										
Colusa Drain MWC	357,358	357,358								
Corning Canal										
Corning WD	620,407	620,407	620,407	620,407					620,407	
Proberta WD	132,340	132,340	132,340	132,340					132,340	
Thomes Creek WD	168,774	168,774	168,774	168,774					-	
Total Corning Canal	921,522	921,522	921,522	921,522					752,748	
Cow Creek Unit										
Bella Vista WD	414,995	414,995	414,995						414,995	
Cross Valley Canal										
County of Fresno	50,823	50,823						50,823	50,823	
County of Tulare	78,450	78,450						78,450	78,450	
Hills Valley ID	55,521	55,521						55,521	55,521	
Kern-Tulare WD	1,022,006	1,022,006						1,022,006	1,022,006	
Lower Tule River ID	596,776	596,776						596,776	596,776	
Pixley ID	603,035	603,035						603,035	603,035	
Tri-Valley WD	20,404	20,404						20,404	20,404	
Total Cross Valley Canal	2,427,015	2,427,015						2,427,015	2,427,015	

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		Historical and Projected Deliveries								
		Conveyance Pumping								
Facility/Contractor	Historical & Projected Deliveries 1981-2030	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	405,331	405,331	405,331		405,331	129,944				
Byron Bethany ID	469,678	469,678	469,678		469,678	161,851				
Del Puerto WD	3,530,484	3,530,484	3,530,484		3,530,484	1,512,920				
Eagle Field WD	127,585	127,585	127,585		127,585	69,186				
Mercy Springs WD	64,028	64,028	64,028		64,028	26,403				
Oro Loma WD	15,392	15,392	15,392		15,392	6,583				
Pacheco WD--DMC	43,810	43,810	43,810		43,810	6,571				
Panoche WD--DMC	655,467	655,467	655,467		655,467	271,257				
Patterson WD	391,914	391,914	391,914		391,914	151,547				
San Luis WD--DMC	712,350	712,350	712,350		712,350	259,921				
West Side ID	65,157	65,157	65,157		65,157	29,435				
West Stanislaus ID	1,209,372	1,209,372	1,209,372		1,209,372	332,554				
Total Delta-Mendota Canal	7,690,569	7,690,569	7,690,569		7,690,569	2,958,173				
<u>Delta-Mendota Pool</u>										
Coelho Trust	91,002	91,002	91,002		91,002	31,596				
Fresno Slough WD	99,317	99,317	99,317		99,317	33,007				
James ID	902,350	902,350	902,350		902,350	343,208				
Laguna WD	20,482	20,482	20,482		20,482	7,360				
Recl. Dist #1606	4,687	4,687	4,687		4,687	1,329				
Tranquillity ID	325,382	325,382	325,382		325,382	123,420				
Tranquillity PUD	1,581	1,581	1,581		1,581	460				
Westlands WD--DMP	348,880	348,880	348,880		348,880	164,307				
Total Delta-Mendota Pool	1,793,679	1,793,679	1,793,679		1,793,679	704,686				
<u>Friant Dam - Class 2</u>										
Gravelly Ford WD	208,005									
<u>Friant-Kern Canal - Class 1 ^{1/}</u>										
Arvin-Edison WSD	1,719,418	1,719,418	1,719,418							
Delano-Earlimart ID	4,403,699	4,403,699	4,403,699							
Exeter ID	446,383	446,383	446,383							
Garfield WD	131,483	131,483	131,483							
Hills Valley ID	5,429	5,429	5,429							
International WD	46,179	46,179	46,179							

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		Conveyance Pumping								
Facility/Contractor	Historical & Projected 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	262,227	262,227	262,227							
Kaweah Delta WCD	14,843	14,843	14,843							
Lewis Creek WD	43,594	43,594	43,594							
Lindmore ID	1,303,616	1,303,616	1,303,616							
Lindsay-Strathmore ID	1,112,635	1,112,635	1,112,635							
Lower Tule River ID - FKC	2,423,171	2,423,171	2,423,171							
Orange Cove ID	1,496,560	1,496,560	1,496,560							
Porterville ID	627,356	627,356	627,356							
Saucelito ID	864,335	864,335	864,335							
Shafter-Wasco ID	1,958,518	1,958,518	1,958,518							
So San Joaquin MUD	3,838,564	3,838,564	3,838,564							
Stone Corral ID	400,215	400,215	400,215							
Tea Pot Dome WD	284,011	284,011	284,011							
Terra Bella ID	1,112,588	1,112,588	1,112,588							
Tri-Valley ID	946	946	946							
Tulare ID	1,235,159	1,235,159	1,235,159							
Total Friant Kern Canal - Class 1	3/ 23,730,928	23,730,928	23,730,928							
<u>Friant-Kern Canal - Class 2</u>										
Arvin-Edison WSD	3,863,642		3,863,642							
Delano-Earlimart ID	1,111,206		1,111,206							
Exeter ID	185,053		185,053							
Fresno ID	647,341		647,341							
Ivanhoe ID	8,887		8,887							
Kaweah Delta WCD	51,194		51,194							
Kern-Tulare WD	26,169		26,169							
Lindmore ID	309,181		309,181							
Lower Tule River ID - FKC	3,104,721		3,104,721							
Porterville ID	345,683		345,683							
Saucelito ID	440,565		440,565							
Shafter-Wasco ID	593,803		593,803							
So San Joaquin MUD	757,333		757,333							
Tulare ID	1,581,540		1,581,540							
Total Friant Kern Canal - Class 2	13,026,316		13,026,316							
<u>Hidden Unit</u>										
Madera ID - HU	1,200,000	1,200,000								

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		Conveyance Pumping								
		Storage	Conveyance	Corning PP	Jones PP	DMC Intertie '2014-2063	O'Neill PG	Dos Amigos PP	Direct Pumping	San Luis Drain
		<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>										
Chowchilla WD - MC	2,214,278	2,214,278	2,214,278							
Madera ID - MC	3,305,530	3,305,530	3,305,530							
Total Madera Canal - Class 1	5,519,808	5,519,808	5,519,808							
<u>Madera Canal - Class 2</u>										
Chowchilla WD - MC	1,797,350		1,797,350							
Madera ID - MC	1,950,029		1,950,029							
Total Madera Canal - Class 2	3,747,378		3,747,378							
<u>New Melones D & R</u>										
Central San Joaquin WCD	863,835	863,835								
Stockton East WD	170,570	170,570								
Total New Melones D&R	1,034,405	1,034,405								
<u>Sacramento River - Shasta</u>										
Anderson-Cottonwood ID	296,761	296,761								
Daniell, H & B	127	127								
Driscoll Strawberry	5,380	5,380								
Gjermann, H	182	182								
Leviathan Inc.	12,166	12,166								
Redding Rancheria	1,174	1,174								
Total Sacramento River - Shasta	315,790	315,790								
<u>Sacramento River - Willows</u>										
Anderson, A/et al	298	298								
Anderson, R & J	4,233	4,233								
Andreotti, A/et al	59,467	59,467								
Baber, J/et al	112,332	112,332								
Butler, Diane	11,401	11,401								
Butte Creek Farms Inc	14,413	14,413								
Byrd, A & Osborne, J.	7,579	7,579								
Cachil Dehe Band of Wintun	4,511	4,511								
Canal Farms	12,198	12,198								
Carter MWC	27,536	27,536								
Charter, Mary	4,768	4,768								
Churkin, M Jr & C	1,572	1,572								

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		Conveyance Pumping								
Facility/Contractor	Historical & Projected 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	28,829	28,829								
County of Sacramento	3,554	3,554								
Cummings, W	4,182	4,182								
Driver, Gary/et al	293	293								
Driver, J & C Trustees	1,918	1,918								
Driver, Gregory	154	154								
Driver, W/et al	1,152	1,152								
Dyer, J & Wing, J	6,651	6,651								
Eastside MWC	24,489	24,489								
Ehrke, A & B	5,995	5,995								
E L H Sutter Properties	131	131								
Empire Group, LLC	1,075	1,075								
Feather WD	412,907	412,907								
Fedora, S/Taylor, W	484	484								
Gillaspy, W	3,073	3,073								
Giovannetti, B & M	2,175	2,175								
Giusti, R & S	30,332	30,332								
Glenn-Colusa ID	4,464,302	4,464,302								
* Green Valley Corp	8,037	8,037								
Griffin, J/Prater	45,057	45,057								
Hale, J/Marks, A	1,059	1,059								
Hatfield, R & B	638	638								
Heidrick, J Family Trust	811	811								
Heidrick, M	2,119	2,119								
Howald Farms Inc	53,940	53,940								
Jaeger, W & P	6,558	6,558								
Jansen, P & S	1,552	1,552								
Kary, C	11,427	11,427								
King, Ben	133	133								
King, L	336	336								
KLSY, LLC	1,394	1,394								
Knights Landing Investors	36,345	36,345								
Lauppe, B ET UX	3,826	3,826								
Lauppe, B & K	3,567	3,567								
Leiser, D	889	889								

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		Conveyance Pumping								
Facility/Contractor	Historical & Projected Deliveries 1981-2030	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	674	674								
Lockett, W&J	1,932	1,932								
Lomo CS & Micheli, J	28,589	28,589								
Lonon, M	16,120	16,120								
M C M Properties	24,372	24,372								
Maxwell ID	254,450	254,450								
McClatchy Partners	1,126	1,126								
Meridian Farms WC	487,495	487,495								
Micke, D & N	164	164								
Morehead, J/et ux	2,180	2,180								
Munson, J & D	1,252	1,252								
Natomas Basin Conserv	6,811	6,811								
Natomas Central MWC	984,752	984,752								
Nelson, T & H	3,844	3,844								
O'Brien, J & F	11,767	11,767								
Odysseus Farms	18,754	18,754								
Oji Brothers Farm Inc	79,990	79,990								
Oji, M/et al	50,110	50,110								
Pacific Realty Inc	46,082	46,082								
Pelger MWC	75,344	75,344								
Pelger Road 1700, LLC	85,797	85,797								
Penner, R & L	305	305								
Pleasant Grv-Vrna MWC	111,313	111,313								
Princeton-Codora-Glenn ID	640,330	640,330								
Provident ID	195,617	195,617								
Quad-H-Ranches Inc	13,041	13,041								
Recl Dist # 108	1,298,068	1,298,068								
Recl Dist #1000	1,352	1,352								
Recl Dist #1004	601,876	601,876								
Reische, E	999	999								
Reische, L	4,974	4,974								
Richter, H Jr/et al	35,098	35,098								
River Garden Farms Co	18,732	18,732								
Roberts Ditch Irr Co	13,350	13,350								
Rubio, E & E	171	171								
Saeed, F	27,604	27,604								
Seaver, C	1,408	1,408								
Sioux Creek Property LLC	898	898								

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		Conveyance Pumping								
Facility/Contractor	Historical & Projected Deliveries 1981-2030	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>
Sutter MWC	3,166,825	3,166,825								
* Swenson Farms	10,692	10,692								
Sycamore Family Trust	428,225	428,225								
T & P Farms	11,315	11,315								
Tarke, S	37,946	37,946								
Tisdale Irr & Drain Co	86,558	86,558								
Van Ruiten Brothers 1415L	7,166	7,166								
Van Ruiten Brothers 520XL	2,713	2,713								
Van Ruiten Brothers 880S	20,847	20,847								
Van Ruiten Brothers 880XR	8,920	8,920								
Wallace, J & J	3,398	3,398								
Wallace, K Trust	10,819	10,819								
Wisler, J	384	384								
Yockey, W	98	98								
Young, R/et al	230	230								
Total Sacramento River - Willows	14,372,570	14,372,570								
San Felipe Unit										
San Benito County WD	599,958	599,958	599,958		599,958	417,930	599,958		599,958	
Santa Clara Valley WD	553,751	553,751	553,751		553,751	407,136	553,751		553,751	
Total San Felipe Unit	1,153,710	1,153,710	1,153,710		1,153,710	825,066	1,153,710		1,153,710	
San Luis Canal--Fresno										
Westlands WD--SLC	33,497,603	33,497,603	33,497,603		33,497,603	17,872,737	33,497,603	33,497,603	33,497,603	33,497,603
Westlands WD--SLC (DD#2)	18,902	18,902	18,902		18,902	35,512	18,902	18,902	18,902	
Total San Luis Canal - Fresno	33,516,505	33,516,505	33,516,505		33,516,505	17,908,249	33,516,505	33,516,505	33,516,505	33,497,603
San Luis Canal--Tracy										
Pacheco WD--SLC	240,326	240,326	240,326		240,326	142,522	240,326	240,326		
Panoche WD--SLC	1,917,283	1,917,283	1,917,283		1,917,283	991,187	1,917,283	1,917,283	1,917,283	1,917,283
San Luis WD--SLC ^{2/}	2,695,978	2,695,978	2,695,978		2,695,978	1,506,920	2,695,978	2,548,597	2,695,978	2,695,978
Total San Luis Canal - Tracy	4,853,587	4,853,587	4,853,587		4,853,587	2,640,629	4,853,587	4,706,206	4,613,261	4,613,261
Tehama-Colusa Canal										
4-M WD	94,329	94,329	94,329							
Colusa County WD	1,761,634	1,761,634	1,761,634						1,761,634	
Cortina WD	43,649	43,649	43,649						43,649	
Davis WD--TCC	135,054	135,054	135,054						135,054	
Dunnigan WD	502,054	502,054	502,054						502,054	
Glenn Valley WD	43,702	43,702	43,702							

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Facility/Contractor	Historical & Projected Deliveries 1981-2030 <Sch A-13>	Storage <Sch A-13>	Conveyance <Sch A-13>	Corning PP <Sch A-13>	Jones PP <Sch A-13>	DMC Intertie '2014-2063 <Sch A-13>	O'Neill PG <Sch A-13>	Dos Amigos PP <Sch A-13>	Direct Pumping <Sch A-13>	San Luis Drain <Sch A-13>
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>
Glide WD	386,311	386,311	386,311							
Holthouse WD	52,153	52,153	52,153							
Kanawha WD	1,424,893	1,424,893	1,424,893						1,424,893	
Kirkwood WD	25,156	25,156	25,156							
La Grande WD	211,601	211,601	211,601							
Myers-Marsh MWC	7,340	7,340	7,340							
Orland-Artois WD	1,840,529	1,840,529	1,840,529						1,840,529	
Westside WD	1,805,737	1,805,737	1,805,737						1,805,737	
Total Tehama-Colusa Canal	8,334,144	8,334,144	8,334,144						7,513,550	
Delta-Mendota Exchange Water	29,289,252				29,289,252					
Subtotal	155,387,437	109,116,486	104,947,926	921,522	78,297,302	25,036,803	39,523,802	40,649,727	50,391,783	38,110,863
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					
West Side ID to City of Tracy (M&I)	44,885	44,885	44,885		44,885					
West Side 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/}	156,650,568	110,257,259	106,211,057	921,522	79,343,788	25,036,803	39,523,802	40,649,727	50,391,783	38,110,863

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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/ Sch. A-7 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	156,650,568	
Total with Exchange Water per Sch. A-13	156,814,001	
Variance - Fresno ID Class 1, Sch. A-13	<u>(163,433)</u>	Difference is "Fresno ID Class 1"

* Contractor name change - see Schedule A-13, page 36