

IRR 2020 Sch A-7 F.Z22.XLSM
08/30/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2020 IRRIGATION WATER RATES

A	B	C	D	E	F	G	H	I	J	K
		Historical and Projected Deliveries								
		Conveyance Pumping								
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>
Black Butte										
4-E WD	1,248	1,248								
Stony Creek WD	32,638	32,638								
Total Black Butte	33,886	33,886								
Buchanan Unit										
Chowchilla WD - BU	1,200,000	1,200,000								
Clear Creek Unit										
Clear Creek CSD	243,054	243,054	243,054							
Colusa Basin Drain										
Colusa Drain MWC	347,358	347,358								
Corning Canal										
Corning WD	614,024	614,024	614,024	614,024					614,024	
Proberta WD	128,493	128,493	128,493	128,493					128,493	
Thomes Creek WD	162,756	162,756	162,756	162,756					-	
Total Corning Canal	905,273	905,273	905,273	905,273					742,517	
Cow Creek Unit										
Bella Vista WD	410,349	410,349	410,349						410,349	
Cross Valley Canal										
County of Fresno	52,673	52,673						52,673	52,673	
County of Tulare	81,592	81,592						81,592	81,592	
Hills Valley ID	56,419	56,419						56,419	56,419	
Kern-Tulare WD	1,006,513	1,006,513						1,006,513	1,006,513	
Lower Tule River ID	615,159	615,159						615,159	615,159	
Pixley ID	617,917	617,917						617,917	617,917	
Tri-Valley WD	20,539	20,539						20,539	20,539	
Total Cross Valley Canal	2,450,812	2,450,812						2,450,812	2,450,812	

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		Historical and Projected Deliveries									
		Conveyance Pumping									
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>	
<u>Delta-Mendota Canal</u>											
Banta-Carbona ID	437,066	437,066	437,066		437,066	208,718					
Byron Bethany ID	469,033	469,033	469,033		469,033	151,206					
Del Puerto WD	3,619,308	3,619,308	3,619,308		3,619,308	1,681,477					
Eagle Field WD	127,429	127,429	127,429		127,429	64,037					
Mercy Springs WD	69,147	69,147	69,147		69,147	39,730					
Oro Loma WD	14,538	14,538	14,538		14,538	3,660					
Pacheco WD--DMC	43,667	43,667	43,667		43,667	6,429					
Panoche WD--DMC	650,191	650,191	650,191		650,191	236,969					
Patterson WD	426,270	426,270	426,270		426,270	236,558					
San Luis WD--DMC	693,546	693,546	693,546		693,546	195,299					
West Side ID	65,413	65,413	65,413		65,413	28,804					
West Stanislaus ID	1,190,651	1,190,651	1,190,651		1,190,651	264,696					
Total Delta-Mendota Canal	7,806,258	7,806,258	7,806,258		7,806,258	3,117,582					
<u>Delta-Mendota Pool</u>											
Coelho Trust	91,417	91,417	91,417		91,417	31,210					
Fresno Slough WD	108,697	108,697	108,697		108,697	60,000					
James ID	977,327	977,327	977,327		977,327	535,382					
Laguna WD	20,311	20,311	20,311		20,311	6,057					
Recl. Dist #1606	4,738	4,738	4,738		4,738	1,489					
Tranquillity ID	331,270	331,270	331,270		331,270	134,488					
Tranquillity PUD	1,586	1,586	1,586		1,586	465					
Westlands WD--DMP	345,308	345,308	345,308		345,308	160,735					
Total Delta-Mendota Pool	1,880,653	1,880,653	1,880,653		1,880,653	929,826					
<u>Friant Dam - Class 2</u>											
Gravelly Ford WD	198,465										
<u>Friant-Kern Canal - Class 1 ^{1/}</u>											
Arvin-Edison WSD	1,779,021	1,779,021	1,779,021								
Delano-Earlimart ID	4,472,423	4,472,423	4,472,423								
Exeter ID	445,993	445,993	445,993								
Garfield WD	135,790	135,790	135,790								
Hills Valley ID	9,391	9,391	9,391								
International WD	46,941	46,941	46,941								

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		Historical and Projected Deliveries								
		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	266,110	266,110	266,110							
Kaweah Delta WCD	18,004	18,004	18,004							
Lewis Creek WD	41,962	41,962	41,962							
Lindmore ID	1,355,469	1,355,469	1,355,469							
Lindsay-Strathmore ID	1,134,900	1,134,900	1,134,900							
Lower Tule River ID - FKC	2,570,772	2,570,772	2,570,772							
Orange Cove ID	1,569,823	1,569,823	1,569,823							
Porterville ID	625,645	625,645	625,645							
Saucelito ID	872,436	872,436	872,436							
Shafter-Wasco ID	1,994,787	1,994,787	1,994,787							
So San Joaquin MUD	3,937,400	3,937,400	3,937,400							
Stone Corral ID	402,482	402,482	402,482							
Tea Pot Dome WD	285,651	285,651	285,651							
Terra Bella ID	1,123,157	1,123,157	1,123,157							
Tri-Valley ID	1,493	1,493	1,493							
Tulare ID	1,303,284	1,303,284	1,303,284							
Total Friant Kern Canal - Class 1	3/ 24,392,937	24,392,937	24,392,937							
<u>Friant-Kern Canal - Class 2</u>										
Arvin-Edison WSD	3,628,047		3,628,047							
Delano-Earlimart ID	1,042,744		1,042,744							
Exeter ID	197,697		197,697							
Fresno ID	658,747		658,747							
Ivanhoe ID	8,529		8,529							
Kaweah Delta WCD	38,181		38,181							
Kern-Tulare WD	26,527		26,527							
Lindmore ID	290,445		290,445							
Lower Tule River ID - FKC	3,125,015		3,125,015							
Porterville ID	346,765		346,765							
Saucelito ID	424,987		424,987							
Shafter-Wasco ID	574,047		574,047							
So San Joaquin MUD	638,468		638,468							
Tulare ID	1,594,655		1,594,655							
Total Friant Kern Canal - Class 2	12,594,854		12,594,854							
<u>Hidden Unit</u>										
Madera ID - HU	1,200,000	1,200,000								

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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>	
<u>Madera Canal - Class 1</u>											
Chowchilla WD - MC	2,261,833	2,261,833		2,261,833							
Madera ID - MC	3,461,947	3,461,947		3,461,947							
Total Madera Canal - Class 1	5,723,780	5,723,780		5,723,780							
<u>Madera Canal - Class 2</u>											
Chowchilla WD - MC	1,759,563			1,759,563							
Madera ID - MC	1,907,215			1,907,215							
Total Madera Canal - Class 2	3,666,778			3,666,778							
<u>New Melones D & R</u>											
Central San Joaquin WCD	795,404	795,404									
Stockton East WD	168,627	168,627									
Total New Melones D&R	964,032	964,032									
<u>Sacramento River - Shasta</u>											
Anderson-Cottonwood ID	297,638	297,638									
Daniell, H & B	126	126									
Driscoll Strawberry	5,350	5,350									
Gjermann, H	172	172									
Leviathan Inc.	12,562	12,562									
Redding Rancheria	1,154	1,154									
Total Sacramento River - Shasta	317,002	317,002									
<u>Sacramento River - Willows</u>											
Anderson, A/et al	291	291									
Anderson, R & J	4,040	4,040									
Andreotti, A/et al	62,292	62,292									
* B & D Family Partnership	894	894									
Baber, J/et al	116,494	116,494									
Butler, Diane	11,418	11,418									
Butte Creek Farms Inc	14,537	14,537									
Byrd, A & Osborne, J.	7,830	7,830									
Cachil Dehe Band of Wintun	4,518	4,518									
Canal Farms	12,207	12,207									
Carter MWC	28,685	28,685									
Charter, Mary	4,787	4,787									

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		Conveyance Pumping									
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											
Churkin, M Jr & C	1,581	1,581									
Conaway Consv Grp	28,079	28,079									
County of Sacramento	3,521	3,521									
Cummings, W	4,199	4,199									
Driver, Gary/et al	290	290									
Driver, J & C Trustees	2,078	2,078									
Driver, Gregory	152	152									
Driver, W/et al	1,137	1,137									
Dyer, J & Wing, J	6,549	6,549									
Eastside MWC	25,388	25,388									
Ehrke, A & B	6,008	6,008									
Empire Group, LLC	1,074	1,074									
Feather WD	410,777	410,777									
Fedora, S/Taylor, W	481	481									
Gillaspy, W	3,229	3,229									
Giovannetti, B & M	2,184	2,184									
Giusti, R & S	30,027	30,027									
Glenn-Colusa ID	4,427,925	4,427,925									
Green Valley Corp	7,843	7,843									
Griffin, J/Prater	44,823	44,823									
Hale, J/Marks, A	995	995									
Hatfield, R & B	664	664									
* Heidrick & McGinnis Properties	783	783									
Heidrick, M	2,283	2,283									
Howald Farms Inc	55,796	55,796									
Jaeger, W & P	6,488	6,488									
Jansen, P & S	1,557	1,557									
Kary, C	10,758	10,758									
King, Ben	132	132									
King, L	334	334									
KLSY, LLC	1,439	1,439									
Knights Landing Investors	37,421	37,421									
* Knights Landing Properties	903	903									
* Lauppe Alan, Johnson J, & Lauppe W	131	131									
Lauppe, B ET UX	3,851	3,851									

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		Historical and Projected Deliveries									
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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											
Lauppe, B & K	3,563	3,563									
Leonard, James	670	670									
Lockett, W & J	1,938	1,938									
Lomo CS & Micheli, J	28,828	28,828									
Lonon, M	16,305	16,305									
M C M Properties	25,164	25,164									
Maxwell ID	254,166	254,166									
McClatchy Partners	1,177	1,177									
Meridian Farms WC	486,758	486,758									
Micke, D & N	162	162									
Morehead, J/et ux	2,120	2,120									
Munson, J & D	1,252	1,252									
Natomas Basin Conserv	6,764	6,764									
Natomas Central MWC	997,930	997,930									
Nelson, T & H	3,851	3,851									
O'Brien, J & F	11,941	11,941									
Odysseus Farms	18,841	18,841									
Oji Brothers Farm Inc	79,075	79,075									
Oji, M/et al	49,573	49,573									
Pacific Realty Inc	46,151	46,151									
Pelger MWC	75,085	75,085									
Pelger Road 1700, LLC	85,855	85,855									
Penner, R & L	302	302									
Pleasant Grv-Vrna MWC	112,503	112,503									
Princeton-Codora-Glenn ID	638,190	638,190									
Provident ID	194,541	194,541									
Quad-H-Ranches Inc	12,467	12,467									
Recl Dist # 108	1,326,201	1,326,201									
Recl Dist #1000	1,335	1,335									
Recl Dist #1004	603,442	603,442									
Reische, E	991	991									
Reische, L	4,945	4,945									
Richter, H Jr/et al	36,503	36,503									
River Garden Farms Co	18,827	18,827									
Roberts Ditch Irr Co	13,425	13,425									
Rubio, E & E	171	171									
Saeed, F	27,260	27,260									
Seaver, C	1,370	1,370									

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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	3,106,990	3,106,990									
Swenson Farms	10,731	10,731									
* Sycamore Mutual Water Company	421,869	421,869									
T & P Farms	11,126	11,126									
Tarke, S	38,389	38,389									
Tisdale Irr & Drain Co	83,927	83,927									
Van Ruiten Brothers 1415L	6,662	6,662									
Van Ruiten Brothers 520XL	2,753	2,753									
Van Ruiten Brothers 0880S	20,268	20,268									
Van Ruiten Brothers 0880XR	8,755	8,755									
Wallace, J & J	3,270	3,270									
Wallace, K Trust	10,898	10,898									
Wisler, J	380	380									
Yockey, W	96	96									
Young, R/et al	230	230									
Total Sacramento River - Willows	14,314,858	14,314,858									
San Felipe Unit											
San Benito County WD	619,050	619,050	619,050		619,050	473,232	619,050		619,050		
Santa Clara Valley WD	619,966	619,966	619,966		619,966	587,973	619,966		619,966		
Total San Felipe Unit	1,239,016	1,239,016	1,239,016		1,239,016	1,061,205	1,239,016		1,239,016		
San Luis Canal--Fresno											
Westlands WD--SLC	33,696,923	33,696,923	33,696,923		33,696,923	17,658,162	33,696,923	33,696,923	33,696,923	33,696,923	
Westlands WD--SLC (DD#2)	20,611	20,611	20,611		20,611	38,211	20,611	20,611	20,611	20,611	
Total San Luis Canal - Fresno	33,717,534	33,717,534	33,717,534		33,717,534	17,696,373	33,717,534	33,717,534	33,717,534	33,696,923	
San Luis Canal--Tracy											
Pacheco WD--SLC	243,205	243,205	243,205		243,205	144,788	243,205	243,205			
Panoche WD--SLC	1,878,847	1,878,847	1,878,847		1,878,847	829,878	1,878,847	1,878,847	1,878,847	1,878,847	
San Luis WD--SLC ^{2/}	2,702,913	2,702,913	2,702,913		2,702,913	1,475,471	2,702,913	2,556,149	2,702,913	2,702,913	
Total San Luis Canal - Tracy	4,824,965	4,824,965	4,824,965		4,824,965	2,450,137	4,824,965	4,678,200	4,581,760	4,581,760	
Tehama-Colusa Canal											
4-M WD	94,087	94,087	94,087								
Colusa County WD	1,776,134	1,776,134	1,776,134						1,776,134		
Cortina WD	45,547	45,547	45,547						45,547		
Davis WD--TCC	139,139	139,139	139,139						139,139		
Dunnigan WD	502,554	502,554	502,554						502,554		
Glenn Valley WD	45,359	45,359	45,359								

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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>	
Glide WD	391,246	391,246	391,246								
Holthouse WD	51,621	51,621	51,621								
Kanawha WD	1,439,097	1,439,097	1,439,097						1,439,097		
Kirkwood WD	24,281	24,281	24,281								
La Grande WD	214,631	214,631	214,631								
Myers-Marsh MWC	7,277	7,277	7,277								
Orland-Artois WD	1,831,659	1,831,659	1,831,659						1,831,659		
Westside WD	1,821,896	1,821,896	1,821,896						1,821,896		
Total Tehama-Colusa Canal	8,384,527	8,384,527	8,384,527						7,556,026		
Delta-Mendota Exchange Water	29,319,656				29,319,656						
Subtotal	156,136,045	110,356,292	105,789,977	905,273	78,788,081	25,255,124	39,781,514	40,846,546	50,698,013	38,278,683	
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/}	157,399,176	111,497,066	107,053,108	905,273	79,834,567	25,255,124	39,781,514	40,846,546	50,698,013	38,278,683	

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2020 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/ 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	157,399,176	
Total with Exchange Water per Sch. A-13	157,562,609	
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