

IRR 2018 Sch A-7 F.Z20.XLSM
09/22/2017

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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	1,254	1,254								
Stony Creek WD	35,336	35,336								
Total Black Butte	36,590	36,590								
Buchanan Unit										
Chowchilla WD - BU	1,200,000	1,200,000								
Clear Creek Unit										
Clear Creek CSD	247,890	247,890	247,890							
Colusa Basin Drain										
Colusa Drain MWC	367,358	367,358								
Corning Canal										
Corning WD	625,802	625,802	625,802	625,802					625,802	
Proberta WD	137,633	137,633	137,633	137,633					137,633	
Thomes Creek WD	176,335	176,335	176,335	176,335					-	
Total Corning Canal	939,770	939,770	939,770	939,770					763,435	
Cow Creek Unit										
Bella Vista WD	420,381	420,381	420,381						420,381	
Cross Valley Canal										
County of Fresno	53,352	53,352						53,352	53,352	
County of Tulare	83,254	83,254						83,254	83,254	
Hills Valley ID	58,906	58,906						58,906	58,906	
Kern-Tulare WD	1,041,565	1,041,565						1,041,565	1,041,565	
Lower Tule River ID	614,789	614,789						614,789	614,789	
Pixley ID	621,048	621,048						621,048	621,048	
Tri-Valley WD	20,267	20,267						20,267	20,267	
Total Cross Valley Canal	2,493,181	2,493,181						2,493,181	2,493,181	

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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>	
<u>Delta-Mendota Canal</u>											
Banta-Carbona ID	420,293	420,293	420,293		420,293		174,144				
Byron Bethany ID	473,413	473,413	473,413		473,413		173,746				
Del Puerto WD	3,516,987	3,516,987	3,516,987		3,516,987		1,475,483				
Eagle Field WD	125,668	125,668	125,668		125,668		63,969				
Mercy Springs WD	63,676	63,676	63,676		63,676		24,986				
Oro Loma WD	15,548	15,548	15,548		15,548		7,194				
Pacheco WD--DMC	43,953	43,953	43,953		43,953		6,714				
Panoche WD--DMC	616,613	616,613	616,613		616,613		162,797				
Patterson WD	399,001	399,001	399,001		399,001		174,856				
San Luis WD--DMC	711,576	711,576	711,576		711,576		253,099				
West Side ID	67,243	67,243	67,243		67,243		34,945				
West Stanislaus ID	1,244,505	1,244,505	1,244,505		1,244,505		433,956				
Total Delta-Mendota Canal	7,698,476	7,698,476	7,698,476		7,698,476		2,985,890				
<u>Delta-Mendota Pool</u>											
Coelho Trust	88,628	88,628	88,628		88,628		25,724				
Fresno Slough WD	93,317	93,317	93,317		93,317		16,853				
James ID	922,850	922,850	922,850		922,850		408,593				
Laguna WD	21,362	21,362	21,362		21,362		9,937				
Recl. Dist #1606	4,891	4,891	4,891		4,891		1,948				
Tranquillity ID	335,846	335,846	335,846		335,846		155,928				
Tranquillity PUD	1,591	1,591	1,591		1,591		470				
Westlands WD--DMP	352,430	352,430	352,430		352,430		167,857				
Total Delta-Mendota Pool	1,820,915	1,820,915	1,820,915		1,820,915		787,310				
<u>Friant Dam - Class 2</u>											
Gravelly Ford WD	224,945										
<u>Friant-Kern Canal - Class 1 ^{1/}</u>											
Arvin-Edison WSD	1,751,967	1,751,967	1,751,967								
Delano-Earlimart ID	4,385,586	4,385,586	4,385,586								
Exeter ID	436,668	436,668	436,668								
Garfield WD	138,073	138,073	138,073								
Hills Valley ID	3,676	3,676	3,676								
International WD	46,837	46,837	46,837								

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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	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	263,106	263,106	263,106								
Kaweah Delta WCD	15,405	15,405	15,405								
Lewis Creek WD	43,798	43,798	43,798								
Lindmore ID	1,333,203	1,333,203	1,333,203								
Lindsay-Strathmore ID	1,112,200	1,112,200	1,112,200								
Lower Tule River ID - FKC	2,469,809	2,469,809	2,469,809								
Orange Cove ID	1,534,765	1,534,765	1,534,765								
Porterville ID	642,572	642,572	642,572								
Saucelito ID	878,935	878,935	878,935								
Shafter-Wasco ID	1,996,719	1,996,719	1,996,719								
So San Joaquin MUD	3,851,533	3,851,533	3,851,533								
Stone Corral ID	396,736	396,736	396,736								
Tea Pot Dome WD	286,187	286,187	286,187								
Terra Bella ID	1,115,401	1,115,401	1,115,401								
Tri-Valley ID	884	884	884								
Tulare ID	1,301,478	1,301,478	1,301,478								
Total Friant Kern Canal - Class 1	3/ 24,005,538	24,005,538	24,005,538								
<u>Friant-Kern Canal - Class 2</u>											
Arvin-Edison WSD	4,114,355		4,114,355								
Delano-Earlimart ID	1,119,975		1,119,975								
Exeter ID	189,176		189,176								
Fresno ID	704,238		704,238								
Ivanhoe ID	10,255		10,255								
Kaweah Delta WCD	45,984		45,984								
Kern-Tulare WD	10,357		10,357								
Lindmore ID	279,933		279,933								
Lower Tule River ID - FKC	2,995,563		2,995,563								
Porterville ID	330,610		330,610								
Saucelito ID	427,564		427,564								
Shafter-Wasco ID	506,651		506,651								
So San Joaquin MUD	687,127		687,127								
Tulare ID	1,720,972		1,720,972								
Total Friant Kern Canal - Class 2	13,142,760		13,142,760								
<u>Hidden Unit</u>											
Madera ID - HU	1,200,000	1,200,000									

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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	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	2,191,914	2,191,914	2,191,914								
Madera ID - MC	3,336,951	3,336,951	3,336,951								
Total Madera Canal - Class 1	5,528,865	5,528,865	5,528,865								
<u>Madera Canal - Class 2</u>											
Chowchilla WD - MC	1,915,588		1,915,588								
Madera ID - MC	2,093,387		2,093,387								
Total Madera Canal - Class 2	4,008,975		4,008,975								
<u>New Melones D & R</u>											
Central San Joaquin WCD	862,764	862,764									
Stockton East WD	185,849	185,849									
Total New Melones D&R	1,048,613	1,048,613									
<u>Sacramento River - Shasta</u>											
Anderson-Cottonwood ID	290,499	290,499									
Daniell, H & B	128	128									
Driscoll Strawberry	5,506	5,506									
Gjermann, H	181	181									
Leviathan Inc.	11,726	11,726									
Redding Rancheria	1,193	1,193									
Total Sacramento River - Shasta	309,233	309,233									
<u>Sacramento River - Willows</u>											
Anderson, A/et al	304	304									
Anderson, R & J	4,223	4,223									
Andreotti, A/et al	60,515	60,515									
Baber, J/et al	115,646	115,646									
Butler, Diane	11,363	11,363									
Butte Creek Farms Inc	14,302	14,302									
Byrd, A & Osborne, J.	7,890	7,890									
Cachil Dehe Band of Wintun	4,504	4,504									
Canal Farms	12,115	12,115									
Carter MWC	27,231	27,231									
Charter, Mary	4,748	4,748									
Churkin, M Jr & C	1,561	1,561									

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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	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	29,081	29,081									
County of Sacramento	3,587	3,587									
Cummings, W	4,171	4,171									
Driver, Gary/et al	296	296									
Driver, J & C Trustees	1,752	1,752									
Driver, Gregory	156	156									
Driver, W/et al	1,167	1,167									
Dyer, J & Wing, J	7,000	7,000									
Eastside MWC	24,854	24,854									
Ehrke, A & B	5,982	5,982									
E L H Sutter Properties	132	132									
Empire Group, LLC	1,099	1,099									
Feather WD	415,050	415,050									
Fedora, S/Taylor, W	487	487									
Gillaspy, W	3,067	3,067									
Giovannetti, B & M	2,166	2,166									
Giusti, R & S	31,556	31,556									
Glenn-Colusa ID	4,488,063	4,488,063									
Griffin, J/Prater	43,965	43,965									
Hale, J/Marks, A	1,132	1,132									
Hatfield, R & B	636	636									
Heidrick, J Family Trust	840	840									
Heidrick, M	2,231	2,231									
Howald Farms Inc	55,523	55,523									
Jaeger, W & P	6,627	6,627									
Jansen, P & S	1,547	1,547									
Kary, C	11,942	11,942									
King, Ben	134	134									
King, L	338	338									
KLSY, LLC	1,619	1,619									
Knights Landing Investors	36,416	36,416									
Lauppe, B ET UX	3,826	3,826									
Lauppe, B & K	3,655	3,655									
Leiser, D	884	884									

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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											
Leonard, James	678	678									
Lockett, W&J	1,925	1,925									
Lomo CS & Micheli, J	28,327	28,327									
Lonon, M	15,631	15,631									
M C M Properties	24,321	24,321									
Maxwell ID	254,877	254,877									
* McClatchy Partners	1,112	1,112									
Meridian Farms WC	490,897	490,897									
Micke, D & N	167	167									
Morehead, J/et ux	2,100	2,100									
Munson, J & D	1,147	1,147									
Natomas Basin Conserv	6,862	6,862									
Natomas Central MWC	988,035	988,035									
Nelson, T & H	3,837	3,837									
O'Brien, J & F	11,256	11,256									
Odysseus Farms	19,896	19,896									
Oji Brothers Farm Inc	79,730	79,730									
Oji, M/et al	52,939	52,939									
Pacific Realty Inc	46,012	46,012									
Pelger MWC	79,006	79,006									
Pelger Road 1700, LLC	88,951	88,951									
Penner, R & L	308	308									
Pleasant Grv-Vrna MWC	113,487	113,487									
Princeton-Codora-Glenn ID	636,706	636,706									
Provident ID	188,469	188,469									
Quad-H-Ranches Inc	12,841	12,841									
Recl Dist # 108	1,285,565	1,285,565									
Recl Dist #1000	1,370	1,370									
Recl Dist #1004	608,173	608,173									
Reische, E	1,007	1,007									
Reische, L	5,250	5,250									
Richter, H Jr/et al	35,225	35,225									
River Garden Farms Co	17,875	17,875									
Roberts Ditch Irr Co	12,825	12,825									
Rubio, E & E	171	171									
Saeed, F	27,215	27,215									
Seaver, C	1,447	1,447									
Sioux Creek Property LLC	894	894									

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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>	
Sutter MWC	3,164,349	3,164,349									
* Swenson Farms	18,891	18,891									
Sycamore Family Trust	418,449	418,449									
T & P Farms	11,529	11,529									
Tarke, S	37,496	37,496									
Tisdale Irr & Drain Co	85,348	85,348									
Van Ruiten Brothers 1415L	7,812	7,812									
Van Ruiten Brothers 520XL	2,673	2,673									
Van Ruiten Brothers 880S	20,157	20,157									
* Van Ruiten Brothers 880XR	9,092	9,092									
Wallace, J & J	3,543	3,543									
Wallace, K Trust	11,218	11,218									
Wisler, J	388	388									
Yockey, W	100	100									
Young, R/et al	230	230									
Total Sacramento River - Willows	14,393,191	14,393,191									
San Felipe Unit											
San Benito County WD	609,716	609,716	609,716		609,716	445,861	609,716		609,716		
Santa Clara Valley WD	580,316	580,316	580,316		580,316	479,802	580,316		580,316		
Total San Felipe Unit	1,190,032	1,190,032	1,190,032		1,190,032	925,663	1,190,032		1,190,032		
San Luis Canal--Fresno											
Westlands WD--SLC	32,621,842	32,621,842	32,621,842		32,621,842	15,678,235	32,621,842	32,621,842	32,621,842	32,621,842	
Westlands WD--SLC (DD#2)	20,493	20,493	20,493		20,493	39,083	20,493	20,493	20,493	20,493	
Total San Luis Canal - Fresno	32,642,335	32,642,335	32,642,335		32,642,335	15,717,318	32,642,335	32,642,335	32,642,335	32,621,842	
San Luis Canal--Tracy											
Pacheco WD--SLC	234,422	234,422	234,422		234,422	128,764	234,422	234,422			
Panoche WD--SLC	1,920,644	1,920,644	1,920,644		1,920,644	996,226	1,920,644	1,920,644	1,920,644	1,920,644	
San Luis WD--SLC ^{2/}	2,603,950	2,603,950	2,603,950		2,603,950	1,229,800	2,603,950	2,461,600	2,603,950	2,603,950	
Total San Luis Canal - Tracy	4,759,016	4,759,016	4,759,016		4,759,016	2,354,790	4,759,016	4,616,666	4,524,594	4,524,594	
Tehama-Colusa Canal											
4-M WD	95,794	95,794	95,794								
Colusa County WD	1,813,025	1,813,025	1,813,025						1,813,025		
Cortina WD	43,310	43,310	43,310						43,310		
Davis WD--TCC	134,527	134,527	134,527						134,527		
Dunnigan WD	495,130	495,130	495,130						495,130		
Glenn Valley WD	45,551	45,551	45,551								

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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>
Glide WD	392,482	392,482	392,482							
Holthouse WD	55,453	55,453	55,453							
Kanawha WD	1,431,312	1,431,312	1,431,312						1,431,312	
Kirkwood WD	26,159	26,159	26,159							
La Grande WD	217,943	217,943	217,943							
Myers-Marsh MWC	7,444	7,444	7,444							
Orland-Artois WD	1,867,261	1,867,261	1,867,261						1,867,261	
Westside WD	1,828,888	1,828,888	1,828,888						1,828,888	
Total Tehama-Colusa Canal	8,454,278	8,454,278	8,454,278						7,613,453	
Delta-Mendota Exchange Water	29,196,019				29,196,019					
Subtotal	155,328,361	108,755,662	104,859,231	939,770	77,306,793	22,770,971	38,591,383	39,752,182	49,647,411	37,146,436
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/}	156,591,492	109,896,436	106,122,362	939,770	78,353,279	22,770,971	38,591,383	39,752,182	49,647,411	37,146,436

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION HISTORICAL AND PROJECTED DELIVERIES
BY CONSTRUCTION COST COMPONENT AND CONTRACTOR 1981 THROUGH 2030
2018 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	156,591,492	
Total with Exchange Water per Sch. A-13	156,754,929	
Variance - Fresno ID Class 1, Sch. A-13	<u>(163,437)</u>	Difference is "Fresno ID Class 1"