

M&I 2016 Sch A-8 F.Z18.XLSM
12/16/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF PROJECTED M&I DELIVERIES BY O&M COST COMPONENT AND CONTRACTOR
AND O&M COSTS PER ACRE-FOOT BY COST COMPONENT
2016 M&I WATER RATES

A	B	C	D	E	F	G	H
2016 Projected Deliveries							
Facility/Contractor	Water Marketing	Storage	Conveyance 3/	Conveyance Pumping		Jones PP	Direct Pumping
				Dos Amigos PP	O'Neill PG		
Ref	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>
Black Butte D&R							
County of Colusa	8	8					
Elk Creek CSD	23	23					
US Forest Service - BB	15	15					
Whitney Const.	3	3					
Total Black Butte D&R	49	49					
Clear Creek Unit							
Clear Creek CSD	1,443	1,443	1,443				
Contra Costa Canal							
Contra Costa WD	76,770	76,770					76,770
Cow Creek Unit							
Bella Vista WD	3,683	3,683	3,683				3,683
Cross Valley Canal 1/							
County of Fresno	69	69					69
County of Tulare	154	154					154
Total Cross Valley Canal	223	223					223
Delta-Mendota Canal							
Byron Bethany ID	637	637	637			637	
City of Tracy	6,364	6,364	6,364			6,364	
Del Puerto WD	12	12	12			12	
Department of VA	174	174	174			174	
Panoche WD - DMC	19	19	19			19	
San Luis WD - DMC	72	72	72			72	
Total Delta Mendota Canal	7,278	7,278	7,278			7,278	

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				Conveyance Pumping			
Facility/Contractor	Water			Dos Amigos	O'Neill		Direct
Ref	Marketing	Storage	Conveyance 3/	PP	PG	Jones PP	Pumping
	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>
<u>Folsom D & R</u>							
City of Roseville	22,570	22,570					
El Dorado ID - FD&R	3,140	3,140					
Placer County WA	10	10					
Sacramento County WA	2,318	2,318					
San Juan WD	2,383	2,383					
Total Folsom D & R	30,421	30,421					
<u>Folsom-South Canal</u>							
East Bay MUD	2,367	2,367	2,367				
Sacramento County WA-FSC	3,429	3,429	3,429				
Sacramento MUD	17,308	17,308	17,308				
Total Folsom-South Canal	23,104	23,104	23,104				
<u>Friant Dam (Mill Lake)</u>							
County of Madera	24	24					
Fresno County WW #18	87	87					
Total Friant Dam	111	111					
<u>Friant-Kern Canal</u>							
Arvin Edison WSD	389	389	389				
City of Fresno	35,689	35,689	35,689				
City of Lindsay	1,376	1,376	1,376				
City of Orange Cove	864	864	864				
Delano-Earlimart ID	229	229	229				
Lindsay-Strathmore ID	312	312	312				
Shafter-Wasco ID	366	366	366				
Terra Bella ID	898	898	898				
Total Friant-Kern Canal	40,123	40,123	40,123				

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				Conveyance Pumping			
Facility/Contractor	Water			Dos Amigos	O'Neill		Direct
Ref	Marketing	Storage	Conveyance 3/	PP	PG	Jones PP	Pumping
	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>
<u>New Melones D & R</u>							
Stockton-East WD	23,905	23,905					
<u>Sacramento River</u>							
City of Redding - SR	1,901	1,901					
City of West Sacramento	6,010	6,010					
Lake California P.O.A.	154	154					
Meyer Crest Ltd.	158	158					
Riverview Golf & CC	17	17					
Total Sacramento River	8,240	8,240					
<u>San Felipe Unit</u>							
SB County WD - IB	3,372	3,372	3,372		3,372	3,372	3,372
SC Valley WD - IB	71,998	71,998	71,998		71,998	71,998	71,998
Total San Felipe Unit	75,370	75,370	75,370		75,370	75,370	75,370
<u>San Luis Canal-Fresno</u>							
City of Avenal	1,816	1,816	1,816	1,816	1,816	1,816	
City of Coalinga	4,268	4,268	4,268	4,268	4,268	4,268	4,268
City of Huron	873	873	873	873	873	873	
State of CA	6	6	6	6	6	6	
Westlands WD	2,138	2,138	2,138	2,138	2,138	2,138	2,138
Total San Luis Canal - Fresno	9,101	9,101	9,101	9,101	9,101	9,101	6,406
<u>San Luis Canal-Tracy</u>							
Pacheco WD - SLC	9	9	9	9	9	9	
Panoche WD - SLC	47	47	47	47	47	47	
San Luis WD - SLC 2/	1,576	1,576	1,576	106	1,576	1,576	1,576
Total San Luis Canal - Tracy	1,632	1,632	1,632	162	1,632	1,632	1,576

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				Conveyance Pumping			
Facility/Contractor	Water Marketing	Storage	Conveyance 3/	Dos Amigos PP	O'Neill PG	Jones PP	Direct Pumping
Ref	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>
Shasta D & R							
Centerville CSD	646	646					
Mountain Gate CSD	515	515					
Shasta CWA	133	133					
Total Shasta D & R	1,294	1,294					
Spring Creek Conduit							
City of Redding - SCC	3,582	3,582					
Shasta CWA - SCC	112	112					
Shasta CSD	447	447					
Total Spring Creek Conduit	4,141	4,141					
Tehama Colusa Canal							
Colusa County WD	126	126	126				126
Kanawha WD	6	6	6				6
Total Tehama Colusa Canal	132	132	132				132
Toyon Pipeline							
City of Redding - TP	21	21	21				
City of Shasta Lake	1,354	1,354	1,354				1,354
US Forest Service - TP	1	1	1				
Total Toyon Pipeline	1,376	1,376	1,376				1,354
Delta-Mendota Exchange Water						41,320	
Grand Total	308,396	308,396	163,242	9,263	86,103	134,701	165,514

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				Dos Amigos PP	O'Neill PG	Jones PP	
Ref	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>	<Sch A-12>
Projected 2016 O&M Costs (Sch A-9)	\$ 2,266,853	\$ 4,113,131	\$ 77,857	\$ 42,263	\$ 300,932	\$ 1,486,667	
Direct Billed (Sch A-9)	\$ -	\$ -	\$ (12,257)	\$ (42,263)	\$ (300,932)	\$ (1,486,667)	
Projected 2016 Non-Recurring O&M Costs		\$ 1,705,800	\$ -	\$ -	\$ -	\$ -	
Projected 2016 O&M Costs for Ratesetting Purposes	<u>\$ 2,266,853</u>	<u>\$ 5,818,931</u>	<u>\$ 65,600</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
Cost Per A/F	<u>\$ 7.35</u>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
Cost Per A/F - Folsom South Canal			<u>\$ 2.84</u>				
San Felipe Unit (Sch A-9)		<u>\$ 18.72</u>					
All Other Contractors (Sch A-9)		<u>\$ 18.92</u>					

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FOOTNOTES:

1/ Contractors not allocated Conveyance & Conveyance Pumping O&M costs due to the variability of deliveries between State and Federal joint use facilities.

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/

	O&M Cost	A/F	Cost Per A/F
Folsom South Canal	\$ 65,600	23,104	\$ 2.84