

## Appendix D-Attachment 1

### Delivery Specifications: OCAP Study 7.0 (Today – Existing Conditions)

This attachment describes the State Water Project (SWP) and Central Valley Project (CVP) contract amounts and other water rights assumptions used in the OCAP Study 7.0 – Existing Conditions.

This document does not include CVP contract or water rights assumptions for the East San Joaquin River Region. Table 1 summarizes the SWP and CVP demands described in this document.

**Table 1 – Summary of SWP and CVP Demand/Contract Assumptions in the OCAP Study 7.0 – Existing Conditions (TAF/year)**

	North-of-the-Delta	South-of-the-Delta
CVP Contractors		
• Settlement/Exchange	2,194	840
Water Service Contracts		
• Agriculture	378	1,927
• M&I <sup>1</sup>	356	164
• Refuges	157	305
SWP Contractors		
• Feather River Service Area	796	0
Table A		
• Ag	0	1,048
• M&I	108	3,008

<sup>1</sup> North of Delta CVP M&I demands include Delta demands

## State Water Project

Table 2 shows the SWP Table A amounts and Article 21 demands for each North-of-the-Delta contractor. In addition, the table shows Feather River Service Area water rights.

Table 3 shows the SWP Table A amounts and Article 21 demands for each South-of-the-Delta contractor. In addition, the table shows assumed losses on the California Aqueduct.

## Central Valley Project

Table 4 shows the CVP contract amounts, Settlement Contractor and Exchange Contractor contract amounts, and firm Level 2 refuge water demands for the North-of-the-Delta region. The same type of information for the American River portion of the system is shown separately in Table 5.

Table 6 shows the CVP contract amounts, Settlement Contractor and Exchange Contractor contract amounts, other non-CVP water rights, firm Level 2 refuge water demands, and assumed losses for the South-of-the-Delta region.

Table 7 provides tables that list the CVP Settlement Contractors included in each Sacramento River miscellaneous users delivery arc. These provide additional detail for assumptions contained in Table 4.

**Table 2. SWP North-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

SWP CONTRACTOR	Geographic Location	CALSIM II Diversion	FRSA Amount (TAF)	Water Right (TAF/yr)	Table A Amount (TAF)		Article 21 Demand (TAF/mon)	Other (TAF/yr)
					Ag	M&I		
<b>Feather River</b>								
Palermo	FRSA	D6		17.6				
County of Butte	Feather River	D201				27.5		
Thermalito	FRSA	D202		8.0				
Western Canal	FRSA	D7A	150.0	145.0				
Joint Board	FRSA	D7B	550.0	5.0				
City of Yuba City	Feather River	D204				9.6		
Feather WD	FRSA	D206A	17.0					
Garden, Oswald, Joint Board	FRSA	D206B						
Garden	FRSA	D206BA	12.9	5.1				
Oswald	FRSA	D206BB	2.9					
Joint Board	FRSA	D206BC	50.0					
Plumas, Tudor	FRSA	D206C						
Plumas	FRSA	D206CA	8.0	6.0				
Tudor	FRSA	D206CB	5.1	0.2				
Total Feather River Area			795.8	186.9	0.0	37.1		
<b>Other</b>								
Yuba County Water Agency	Yuba River	D230						Variable 296.2
Camp Far West ID	Yuba River	D285						12.6
South Sutter WD	American R/DSA70	D283						Variable 99.2
Feather River Exports to American River (left bank to DSA70)	American R/DSA70	D223						11.0
<b>Delta</b>								
Napa County FC&WCD	North Bay Aqueduct	D403B				23.2	1.0	
Solano County WA	North Bay Aqueduct	D403C				47.4	1.0	
Fairfield, Vacaville and Benecia Agreement	North Bay Aqueduct	D403D		31.6				
Total North Bay Aqueduct						70.6	2.0	

**Table 3. SWP South-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

SWP CONTRACTOR	Geographic Location	CALSIM II Diversion	Table A Amount (TAF)		Article 21 Demand (TAF/mon)	Losses (TAF/yr)
			Ag	M&I		
Alameda Co. FC&WCD, Zone 7	SBA reaches 1-4	D810		47.60	1.00	
	SBA reaches 5-6	D813		33.00	None	
		Total		80.60	1.00	
Alameda County WD	SBA reaches 7-8	D814		42.00	1.00	
Santa Clara Valley WD	SBA reach 9	D815		100.00	4.00	
Oak Flat WD	CA reach 2A	D802	5.70		None	
County of Kings	CA reach 8C	D847	9.31		None	
Dudley Ridge WD	CA reach 8D	D849	57.34		1.00	
Empire West Side ID	CA reach 8C	D846	3.00		1.00	
Kern County Water Agency	CA reaches 3, 9-13B	D851	582.31	134.60	None	
	CA reaches 14A-C	D859	118.80		180.00	
	CA reaches 15A-16A	D863	66.42		None	
	CA reach 31A	D867	96.60		None	
		Total	864.13	134.60	None	
Tulare Lake Basin WSD	CA reaches 8C-8D	D848	95.92		15.00	
San Luis Obispo Co. FC&WCD	CA reaches 33A-35	D869		25.00	None	
Santa Barbara Co. FC&WCD	CA reach 35	D870		45.49	None	
Antelope Valley-East Kern WA	CA reaches 19-20B, 22A-B	D877		141.40	1.00	
Castaic Lake WA	CA reach 31A	D868	12.70		1.00	
	CA reach 30	D896		82.50	None	
		Total	12.70	82.50	1.00	
Coachella Valley WD	CA reach 26A	D883		121.10	2.00	
Crestline-Lake Arrowhead WA	CA reach 24	D25		5.80	None	
Desert WA	CA reach 26A	D884		50.00	5.00	
Littlerock Creek ID	CA reach 21	D879		2.30	None	
Mojave WA	CA reaches 19, 22B-23	D881		75.80	None	

**Table 3. SWP South-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

SWP CONTRACTOR	Geographic Location	CALSIM II Diversion	Table A Amount (TAF)		Article 21 Demand (TAF/mon)	Losses (TAF/yr)
			Ag	M&I		
Metropolitan WDSC	CA reach 26A	D885		148.67	45.35	
	CA reach 30	D895		756.69	37.40	
	CA reaches 28G-H	D899		102.71	13.80	
	CA reach 28J	D27		903.43	3.45	
	Total			1911.50	100.00	
Palmdale WD	CA reaches 20A-B	D878		21.30	None	
San Bernardino Valley MWD	CA reach 26A	D886		102.60	None	
San Gabriel Valley MWD	CA reach 26A	D887		28.80	None	
San Gorgonio Pass WA	CA reach 26A	D888		17.30	None	
Ventura County FCD	CA reach 29H	D28		3.15	None	
	CA reach 30	D29		16.85	None	
	Total			20.00		
SWP Losses	CA reaches 1-2	D803				7.70
	CA reach 3	D824				10.80
	CA reach 4	D826				2.60
	CA reach 5	D827				3.90
	CA reach 6	D828				1.20
	CA reach 7	D829				1.60
	CA reaches 8C-13B	D854				11.90
	Wheeler Ridge PP and CA reaches 14A-C	D862				3.60
	Chrisman PP and CA reaches 15A-18A	D864				1.80
	Pearblossom PP and CA reaches 17-21	D880				5.10
	Mojave PP and CA reaches 22A-23	D882				4.00
	REC and CA reaches 24-28J	D889				1.40
	CA reaches 29A-29F	D891				1.90
	Castaic PWP and CA reach 29H	D893				3.10
	REC and CA reach 30	D894				2.40
SBA reaches 1-9	D816				0.60	
Total						63.60
Total			1048.10	3008.09	312.00	63.60

**Table 4. CVP North-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Representation Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights/Non-CVP(TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)
			AG	M&I			
Anderson Cottonwood ID	Sacramento River Redding Subbasin	D104A			128.0		
Clear Creek CSD		D104B	13.8	1.5			
Bella Vista WD		D104C	22.1	2.4			
Shasta CSD		D104D		1.0			
Sac R. Misc. Users		D104F			3.4		
Redding, City of		D104G			21.0		
City of Shasta Lake		D104H	2.5	0.3			
Mountain Gate CSD		D104I		0.4			
Shasta County Water Agency		D104J	0.5	0.5			
Redding, City of/Buckeye		D104K		6.1			
Total		D104	38.9	12.2	152.4		0.0
Corning WD		Corning Canal	D171	23.0			
Proberta WD	D171		3.5				
Thomes Creek WD	D171		6.4				
Total			32.9	0.0	0.0		0.0
Kirkwood WD	Tehama-Colusa Canal	D172	2.1				
Glide WD		D174	10.5				
Kanawha WD		D174	45.0				
Orland-Artois WD		D174	53.0				
Colusa, County of		D178	20.0				
Colusa County WD		D178	62.2				
Davis WD		D178	4.0				
Dunnigan WD		D178	19.0				
La Grande WD		D178	5.0				
Westside WD		D178	65.0				
Total		285.8	0.0	0.0		0.0	
Sac. River Misc. Users	Sacramento River	D113A			1.5		
Glenn Colusa ID	Glenn-Colusa Canal	D143A			825.0		
		D145A					
Sacramento NWR		D143B					41.3
Delevan NWR		D145B					19.5
Colusa NWR	D145B					24.5	
Colusa Drain M.W.C.	Colusa Basin Drain	D180			70.0		
		D182A/ D18302					
Total			0.0	0.0	895.0		85.4

**Table 4. CVP North-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Representation Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights/Non-CVP(TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)
			AG	M&I			
Princeton-Cordova-Glenn ID	Sacramento River	D122A			67.8		
Provident ID		D122A			54.7		
Maxwell ID		D122A			18.0		
		D122B					
Sycamore Family Trust		D122B			31.8		
Roberts Ditch IC		D122B			4.4		
Sac R. Misc. Users		D122A			4.9		
		D122B			9.5		
<b>Total</b>			0.0	0.0	191.2		0.0
Reclamation District 108	Sacramento River	D122B			232.0		
		D129A					
River Garden Farms		D129A			29.8		
Meridian Farms WC		D128			35.0		
Pelger Mutual WC		D128			8.9		
Reclamation District 1004		D128			71.4		
Carter MWC		D128			4.7		
Sutter MWC		D128			<b>226.0</b>		
Tisdale Irrigation & Drainage Co.		D128			9.9		
Sac R. Misc. Users		D128			103.4		
		D129A			0.9		
Feather River WD export		D128	20.0				
<b>Total</b>				20.0	0.0	722.1	
Sutter NWR	Sutter bypass water for Sutter NWR	C136B					<b>14.0</b>
Gray Lodge WMA	Feather River	C216B					<b>41.4</b>
Butte Sink Duck Clubs		C221					15.9
<b>Total</b>			0.0	0.0	0.0		71.3

**Table 4. CVP North-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Representation Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights/Non-CVP(TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)
			AG	M&I			
Sac R. Misc. Users	Sacramento River	D163			56.8		
City of West Sacramento		D165			23.6		
Total				0.0	0.0	80.4	
Sac R. Misc. Users	Lower Sacramento River	D162A			4.8		
Natomas Central MWC		D162B			120.2		
Pleasant Grove-Verona MWC		D162C			26.3		
City of Sacramento (PCWA)		D162D				81.8	
Total					0.0	151.3	
City of Vallejo	City of Vallejo	D403A		16.0			
CCWD <sup>c</sup>	Contra Costa County	D408		140.0 <sup>c</sup>			
Total				211.0			
Total CVP North-of-Delta			377.6	223.2	2193.8	81.8	156.7

<sup>a</sup> Level 4 Refuge water needs are not included.

<sup>b</sup> Refer to Table 7 for more information

<sup>c</sup> The new Los Vaqueros module in CALSIM II is used to determine the range of demands that are met by CVP contracts or other water rights.



**Table 5. CVP and Water Rights for American River - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Diversion	CVP Water Service Contracts (TAF/yr)		Settlement/ Exchange Contractor (TAF/yr)	Water Rights/ Non-CVP (TAF/yr)	Folsom Unimpaired Inflow (FUI) (TAF/yr)			Foot-notes (on following page)	
			AG	M&I			If FUI (Mar-Nov Folsom Unimpaired Inflow - TAF/yr)				
							> 1600	> 950	< 400		
Placer County Water Agency	Auburn Dam Site	D300		0.0		8.5	8.5	8.5	8.5	1/2/3	
Northridge Water District	Folsom Reservoir	D8A				17.0	17.0	0.0	0.0	4/5/9	
City of Folsom (includes P.L. 101-514)		D8B		7.0		27.0	34.0	34.0	34.0	1/2/3	
Folsom Prison		D8C				2.0	2.0	2.0	2.0		
San Juan Water District (Placer County)		D8D				17.0	17.0	17.0	17.0	1/2/3/9	
San Juan Water District (Sac County) (includes P.L. 101-514)		D8E		11.2		33.0	44.2	38.7	38.7	1/2/3	
El Dorado Irrigation District		D8F		7.55		0.0	7.55	7.55	7.55	1/2/3	
El Dorado Irrigation District (P.L. 101-514)		D8F		4.00			4.00	4.00	4.00	1/2/3	
City of Roseville		D8G		32.0		5.0	37.0	37.0	37.0	1/2/3/9	
Placer County Water Agency		D8H		35.0			35.0	35.0	35.0		
El Dorado County (P.L. 101-514)		D8I		15.0			15.0	15.0	15.0		
<b>Total</b>				<b>0.0</b>	<b>111.8</b>	<b>0.0</b>	<b>101.0</b>	<b>212.8</b>	<b>190.3</b>	<b>190.3</b>	
So. Cal WC/ Arden Cordova WC		Folsom South Canal	D9AA				5.0	5.0	5.0	5.0	
California Parks and Recreation	D9AB			1.0			1.0	1.0	1.0		
SMUD (export)	D9B			5.0		15.0	20.0	20.0	20.0	1/2/3	
Canal Losses	D9A					1.0	1.0	1.0	1.0		
<b>Total</b>				<b>0.0</b>	<b>6.0</b>	<b>0.0</b>	<b>21.0</b>	<b>27.0</b>	<b>27.0</b>	<b>27.0</b>	
City of Sacramento	Lower American River	D302A & D167A				49.0	49.0	49.0	49.0	6/7/8	
Arcade Water District		D302B								12	
Carmichael Water District		D302C				12.0	12.0	12.0	12.0		
<b>Total</b>				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>61.0</b>	<b>61.0</b>	<b>61.0</b>	<b>61.0</b>	
Sacramento County Water Agency (SMUD transfer)	Lower Sacramento River	D167B/D168B		0.0			0.0	0.0	0.0	10	
Sacramento County Water Agency (P.L. 101-514)		D168B		15.0			15.0	15.0	15.0	10	
Sacramento County Water Agency - assumed Appropriated Water		D168B				0.0				10	
EBMUD (export)		D168C		0.0						11	
<b>Total</b>				<b>0.0</b>	<b>15.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.0</b>	<b>15.0</b>	<b>15.0</b>	
<b>Total</b>			<b>0.0</b>	<b>132.8</b>	<b>0.0</b>	<b>191.5</b>	<b>324.3</b>	<b>301.8</b>	<b>301.8</b>		

1/ Wet/average years for this diverter are defined as those years when the projected March through November unimpaired inflow to Folsom Reservoir is greater than 950 TAF

2/ Drier years for this diverter are defined as those years when the projected March through November unimpaired inflow to Folsom Reservoir is less than 950 TAF but greater than 400 TAF

3/ Driest years for this diverter are defined as those years when the projected March through November unimpaired inflow to Folsom Reservoir is less than 400 TAF

4/ Wet/average years for this diverter are defined as those years when the projected March through November unimpaired inflow to Folsom Reservoir is greater than 1,600,000 af.

5/ Drier years for this diverter are defined as those years when the projected March through November unimpaired inflow to Folsom Reservoir is less than 1,600 TAF

**Table 5. CVP and Water Rights for American River - OCAP Study 7.0 - Existing Conditions**

6/ Diversions for the City of Sacramento occur at the E. A. Fairbairn Water Treatment Plant if American River flows exceed the "Hodge flows H Street criteria" (Wet to Normal).

7/ Diversions for the City of Sacramento occur off the Sacramento River when American River flows do not exceed the "Hodge flows H Street criteria" (Dry to Critical).

8/ For modeling purposes, it is assumed that the City of Sacramento's total annual diversions from the American and Sacramento River would be 130.6 TAF

9/ Water Rights Water provided by releases from PCWA's Middle Fork Project; inputs into upper American River model must be consistent with these assumptions.

10/ SCWA targets 68 TAF of surface water supplies annually. The portion unmet by CVP contract water is assumed to come from two sources:

(1) Delta "excess" water- averages 14.9 TAF annually, but varies according to availability. SCWA is assumed to divert excess flow in the Delta when it is available, and when it has the available pumping capacity.

(2) "Other" water- derived from transfers and/or other appropriated water, averaging 14 TAF annually but varying according to availability of

11/ EBMUD CVP diversions are governed by the Amendatory Contract, stipulating:

(1) 133 TAF maximum diversion in any given year

(2) 165 TAF maximum diversion amount over any 3 year period

(3) Diversions allowed only when EBMUD total storage drops below 500 TAF

(4) 155 cfs maximum diversion rate

12/ Arcade WD demand was combined with the City of Sacramento demands.

**Table 6. CVP South-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights / Non-CVP (TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)	Losses (TAF/yr)
			AG	M&I				
Byron-Bethany ID	Upper DMC	D700	20.6					
Tracy, City of		D700		10.0				
		D700		5.0				
		D700		5.0				
Banta Carbona ID		D700	20.0					
Total	D700	40.6	20.0	0.0	0.0	0.0	0.0	
Del Puerto WD	Upper DMC	D701	12.1					
Davis WD		D701	5.4					
Foothill WD		D701	10.8					
Hospital WD		D701	34.1					
Kern Canon WD		D701	7.7					
Mustang WD		D701	14.7					
Orestimba WD		D701	15.9					
Quinto WD		D701	8.6					
Romero WD		D701	5.2					
Salado WD		D701	9.1					
Sunflower WD		D701	16.6					
West Stanislaus WD		D701	50.0					
Patterson WD		D701	16.5			6.0		
Westlands WD #1 (Centinella WD)		D701	0.0					
Total		D701	206.7	0.0	0.0	6.0	0.0	0.0
Upper DMC Loss	Upper DMC	D702						18.5
Panoche WD	Lower DMC Volta	D706	6.6					
San Luis WD		D706	65.0					
Broadview WD		D706	27.0					
Laguna WD		D706	0.8					
Eagle Field WD		D706	4.6					
Mercy Springs WD		D706	2.8					
Westlands WD #2		D708	0.0					
Oro Loma WD		D706	4.6					
Westlands WD #1 (Widren WD)		D706	0.0					
Total		D706	111.4	0.0	0.0	0.0	0.0	0.0
Upper DMC Exchange Contractors	Lower DMC Volta	D707						
Central California ID		D707			140.0			
Grasslands via CCID	Lower DMC Volta	D708					<b>81.8</b>	
Los Banos WMA		D708					<b>11.2</b>	

**Table 6. CVP South-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights / Non-CVP (TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)	Losses (TAF/yr)
			AG	M&I				
Kesterson NWR	Lower DMC Volta	D708					19.6	
Freitas - SJBAP		D708					6.9	
Salt Slough - SJBAP		D708					10.3	
China Island - SJBAP		D708					7.2	
Volta WMA		D708					15.9	
Grassland via Volta Wasteway		D708					23.2	
<b>Total</b>		D708	0.0	0.0	0.0	0.0	176.1	0.0
Westlands WD (incl. Barcellos)	Mendota Pool	D607A	0.0					
Fresno Slough WD		D607A/D607B	4.0			0.9		
James ID		D607A/D607B	35.3			9.7		
Coelho Family Trust		D607A/D607B	2.1			1.3		
Tranquillity ID		D607A/D607B	13.8			20.2		
Tranquillity PUD		D607A/D607B	0.1			0.1		
Reclamation District 1606		D607A/D607B	0.2			0.3		
Exchange Contractors		D607B						
Central California ID		D607B			392.4			
Columbia Canal Co.		D607B			59.0			
Firebaugh Canal Co.		D607B			85.0			
San Luis Canal Co.		D607B			163.6			
M.L. Dudley Company		D607B				2.3		
Grasslands WD		D607C					31.3	
Los Banos WMA		D607C					12.4	
San Luis NWR		D607C					23.8	
Mendota WMA		D607C					37.9	
West Bear Creek NWR		D607C					7.5	
East Bear Creek NWR		D607C					0.0	
Losses		D607D						101.5
<b>Total</b>	D607	55.5	0.0	700.0	34.8	112.9	101.5	
San Benito County WD (Ag)	San Felipe	D710	35.6					
Santa Clara Valley WD (Ag)		D710	33.1					
Pajaro Valley WD		D710	6.3					
San Benito County WD (M&I)		D711		8.3				
Santa Clara Valley WD (M&I)		D711		119.4				
<b>Total</b>		D710/D711	74.9	127.7	0.0	0.0	0.0	0.0



**Table 6. CVP South-of-the-Delta - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	Geographic Location	CALSIM II Diversion	CVP Water Service Contracts (TAF/yr)		Settlement / Exchange Contractor (TAF/yr)	Water Rights / Non-CVP (TAF/yr)	Level 2 Refuges <sup>a</sup> (TAF/yr)	Losses (TAF/yr)	
			AG	M&I					
Cross Valley Canal - CVP	CA reach 14								
Fresno, County of		D855	3.0						
Hills Valley ID-Amendatory		D855	3.3						
Kern-Tulare WD		D855	40.0						
Lower Tule River ID		D855	31.1						
Pixley ID		D855	31.1						
Rag Gulch WD		D855	13.3						
Tri-Valley WD		D855	1.1						
Tulare, County of		D855	5.3						
Kern NWR		D856					14.3		
Pixley NWR		D856					1.3		
Total				128.3	0.0	0.0	0.0	15.6	0.0
Total CVP South-of-Delta				1927.4	164.2	840.0	44.3	304.6	183.7

<sup>a</sup> Level 4 Refuge water needs are not included

**Table 7. Sacramento River Miscellaneous Users Breakdown by CALSIM II Arc location - OCAP Study 7.0 - Existing Conditions**

CVP CONTRACTOR	CALSIM II Representation			Geographic Location		Settlement Contractor Supply (AF/year)				
	Diversion	DSA	WBA	River Mile	Bank (Left, Right)	Base	Project	Total		
Riverview Golf & Country Club	D104F	58	3	240.8	L	255	25	280		
Daniell, Harry				240.3	L	13	7	20		
Redding Rancheria (Fmrly High-Low Nursery)				240.2	L	70	135	205		
Lake Cal. Property Owners Assn			2	221	R	580	200	780		
Leviathan, Inc.				221	R	355	345	700		
Driscoll Strawberry Associates, Inc.				207.5	L	330	490	820		
J. B. Unlimited, Inc.			3	197	L	220	290	510		
Micke, Daniel & Nina				196.6	L	81	19	100		
Gjermann, Hal				196.55	L	8	4	12		
<b>Total</b>			D104F					1,912	1,515	3,427
Meyer, Herbert (Fmrly Diamond Holdings, Inc.)	D113A	58	4	191.5	R	195	230	425		
Exchange Bank (The Nature Conservancy)				168.85	R	210	570	780		
Rubio, Exequiel (Fmrly Elliott&Hadracky)				166.8	R	11	5	16		
Penner, Roger & Leona				156.8	R	159	21	180		
Freeman, Vola				156.1	R	11	19	30		
Mclane, Robert				155.6	R	17	23	40		
Alexander, Thomas Et Ux				155.6	R	9	13	22		
<b>Total</b>				D113A					612	881
Green Valley Corp. (Fmrly Cannell, F.)	D122A	15	8NN	106	R	680	210	890		
Green Valley Corp. (Fmrly Stegeman Ranch)				106	R	555	325	880		
Tuttle, Charles W. - Trust				103.9	R	120	270	390		
Cachil Dehe Band Of Wintun Indians(Lee Farms)				103.7	R	80	100	180		
Seaver, Charles				99.3	R	200	260	460		
Odysseus Farms				93.15	R	1,920	150	2,070		
<b>Total</b>	D122A					3,555	1,315	4,870		
King, Ben And Laura (Fmrly Dommer, E.)	D122B	15	8NS	89.2	R	12	7	19		
King, Laura				89.2	R	13	13	26		
Wisler, John W. Jr. (Fmrly Cribari, E.)				88	R	8	27	35		
Mehrhof, Susan M.(fmrly.Swinford Tract)				87.7	R	164	16	180		
Steidlmayer, Anthony E., Et Al.				83	R	610	700	1,310		
Jansen, Peter & Sandy (Fmrly E. J. Ritchey)				70.4	R	150	40	190		
Gillaspy, William & Mary (Fmrly Fay Gillaspy)				70.4	R	120	90	210		
Beckley, Ralph, And Ophelia				70.4	R	165	135	300		
Driver, Gary, Et Al.				69.2	R	8	22	30		
Heidrick, Mildred M.				30.6	R	86	34	120		
Tenhunfeld, F. Wallace, Jack, Et Al.		65		29.7	R	2,680	960	3,640		
Heidrick, Mildred M.				29.2, 30.3	R	370	60	430		
Hershey Land Company				28.1	R	2,570	450	3,020		
<b>Total</b>				D122B					6,956	2,554

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	Diversion	DSA	WBA	River Mile	Bank (Left, Right)	Base	Project	Total
Pacific Realty Assoc., L.P. (M&T Chico Ranch)	D128	15	9	140.8, 141.5	L	16,980	976	17,956
Spence, Ruth Ann (Spence Farms)				104.8	L	630	100	730
Anderson, Arthur Et Al (Frmrly Westfall, Mary)				102.5	L	445	45	490
Forry, Laurie E.				99.8	L	2,285	0	2,285
Otterson, Mike (Frmrly Wells Joyce M.)				98.9	L	1,515	300	1,815
Nene Ranch, Llc (Frmrly Hollins, Mariette B.)				98.6	L	1,360	200	1,560
Griffin, Josphe, Et Al.				95.8	L	1,610	1,150	2,760
Baber, Jack Et Al.				95.6	L	3,630	2,630	6,260
Eastside Mwc (Frmrly A&F Boeger Corp.)				95.25	L	2,170	634	2,804
Zelmar Ranch, Inc. (Frmrly Martin, Andrew)				92.5	L	112	52	164
Gomes, Judith (Frmrly. Martin, Andrew)				92.5	L	168	78	246
Butte Creek Farms				89.26	L	20	16	36
Butte Creek Farms				89.24	L	40	55	95
Butte Creek Farms (Frmrly Mayfair Farms)				88.7	L	196	8	204
Butte Creek Farms(Area 1)				88.7	L	300	340	640
Howard, Theordore W. And Linda M.				88.7	L	74	2	76
Locvich, Paul				88.2	L	80	70	150
Ehrke, Allen A. Et Ux				86.8	L	220	160	380
Fedora, Sib Et Al.			82.7	L	190	20	210	
Reische, Laverne Et Ux			82.5	L	183	267	450	
Reische, Eric			82.5	L	37	53	90	
Tarke, Stephen & Debra			81.5	L	1,700	1,000	2,700	
Churkin, Michael, Et Al.			79.5	L	75	55	130	
Eggleston, Ronald Et Ux			79	L	53	12	65	
Hale, Judith Et Al.			79	L	117	13	130	
Hale, Judith Et Al.			79	L	58	17	75	
Pires, Lawrence And Beverly			77.9	L	185	95	280	
Davis, Ina M.			76.2	L	71	14	85	
Chesney, Adona (R & A, Bypass Trust)			76.15	L	310	390	700	
Andreotti, Beverly F., Et Al.			72.1	L	2,060	1,560	3,620	
Mclaughlin, Jack			72	L	430	220	650	
Lomo Cold Storage (& J. J. Micheli)			67.5	L	6,410	700	7,110	
Anderson, R And J, Prop.			67.1	L	149	88	237	
Lonon, Michael Et Al.			67.1	L	715	440	1,155	
Oji Brothers Farm, Inc.			63.9	L	1,340	1,860	3,200	
Young, Russell, Et Al.			63.3	L	2	8	10	
Sekhon, Arjinderpal & Daljit			62.3	L	350	470	820	
Butler, Leslie A., Et Ux			60.5, 61.8	L	180	280	460	
Howald Farms Inc.			60.4	L	1,350	1,410	2,760	
Kary, Carol			59.8	L	400	600	1,000	



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	Diversion	DSA	WBA	River Mile	Bank (Left, Right)	Base	Project	Total
Dennis Wilson Farms (Frmrly M&L Farms (Area 1))	D128	15	19	58.9	L	295	60	355
Lockett, William P. & Jean B.				58.3	L	370	47	417
O'brien, Janice				58.3	L	550	289	839
Wirth, Marilyn L. (Frmrly Davis, Marilyn)				57.75	L	180	340	520
Bardis, C. Et Al 9(Reynen/Broomieside Farms)				55.1	L	8,070	2,000	10,070
Wakida, Tomio				53.9	L	50	275	325
Wakida, Tomio				52.3	L	25	135	160
Nelson, Thomas L., Et Ux				52	L	38	98	136
Rauf, Abdul & Tahmina (Frmrly Forster, J.)				50	L	2,450	710	3,160
Hiatt, Thomas(Hiatt Family Trust)				49, 49.7	L	947	538	1,485
Hiatt, Thomas(Illerich, Phillip)				49	L	372	212	584
Oji, Mitsue Family Partnership				48.7	L	3,430	1,310	4,740
Henle, Thomas N.				46.5	L	935	0	935
Windswept Land&Livestock Co. (P. Burroughs)				44.2, 45.6, 46.45	L	4,040	0	4,040
Schreiner, Joe & Cleo				38.8	L	180	20	200
Munson, James T., Et Ux			37.75	L	70	85	155	
Klsy, Llc (Frmrly Mirbach-Harff Antonius)			37.2	L	80	90	170	
Driver, John A. & Clare M.			36.45	L	150	80	230	
Driver, John A. & Clare M.			36.45	L	6	10	16	
Quad-H Ranches, Inc.			36.2	L	190	310	500	
Giusti, Richard, Et Al.			36.2	L	850	760	1,610	
Drew, Jerry			35.85	L	24	12	36	
Jaeger, William, Et Al.					385	485	870	
Morehead, Joseph Et Ux					115	140	255	
Heidrick, Joe Jr.			33.75	L	360	200	560	
Leiser, Dorothy L.			33.75	L	36	24	60	
Mcm Properties Inc			33.75	L	860	610	1,470	
Richter, Henry D. (Richter Brothers, Et Al.)			33.2	L	1,750	1,030	2,780	
Furlan, Emile, Et Ux			32.5, 33.2	L	570	350	920	
Byrd, Anna C. And Osborne, Jane			26.8, 30.5	L	1,055	200	1,255	
Total	D128					76,633	26,808	103,441
Edson, Wallace L. & Mary O. *	D129A	65	8S	33.85	R	40	64	104
Driver, William A.(Frmrly Collier, T.)				32.5	R	54	106	160
Driver, Gregory E.(Frmrly Collier, T.)				32.5	R	54	106	160
Giovannetti, B.E. & Mary				31.5	R	470	50	520
Total	D129A					618	326	944

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	Diversion	DSA	WBA	River Mile	Bank (Left, Right)	Base	Project	Total
Odysseus Farms Prtnrshp.(Frmrly Leal, Robert)	D162A	70	N/A	19.6	L	220	410	630
Cummings, Wm. (Frmrly Verona Farming Prtnrshp)				18.7	L	180	120	300
Lauppe, Burton And Kathryn				18.45	L	720	230	950
Natomas Basin Conservancy				18.2	L	221	269	490
E.L.H. Sutter Properties, Inc.				18.2	L	12	28	40
Lauppe, Burton And Kathryn				18.2	L	153	197	350
Siddiqui, J.&A.T.				10.75	L	110	20	130
Willey, Edwin, Mr. And Mrs.				10.75	L	75	20	95
Siddiqui, Javed&Amna (Et Al.&Fmly.Partnshp.)				10.25	L	860	200	1,060
Sacramento, County Of				9.3	L	520	230	750
<b>Total</b>				D162A				
Sacramento River Ranches(Frmrly Deseret Farms)	D163	65	N/A	16.6, 17.0, 22.5	R	4,000	0	4,000
Knaggs Walnut Ranches Co. Lp				16.1	R	630	0	630
Conway Preservation Group				12	R	50,190	672	50,862
Wilson Ranch Partnership				11.1	R	370	0	370
Reclamation Dists. 900 And 1000 (Frm.Amen,H.)				9.35	R	281	123	404
Riverby Limited Partnership				5.25	R	470	30	500
<b>Total</b>	D163					55,941	825	56,766
<b>Total</b>						149,298	35,948	185,246

<sup>a</sup> Source: Settlement contractor data provided by Reclamation