

CVP M&I Water Shortage Policy Environmental Impact Statement

Contractor Data Summary

DRAFT - PRELIMINARY DATA - SUBJECT TO REVISION - 7/10/12

Contractor ⁽¹⁾	Contract No.	Maximum Contract Amount (AF) Data provided by Reclamation	CVP M&I Historical Use (AF) ⁽²⁾ Based on last 3 years of deliveries unconstrained by availability of CVP water; unadjusted	Estimated 2010 Public Health & Safety Value (AF) Based on Reclamation's formula: (Population * 55 gpd) + (80% of Commercial & Instit.) + (90% of Indust.) + (10% for losses); unless otherwise noted	2010 Non-CVP Supplies (AF)			Projected CVP M&I Demand in 2030 (AF) Assumed to be full contract amount for M&I Contractors; see notes for Ag contractors	Estimated 2030 Public Health & Safety Value (AF) Based on Reclamation's formula: (Population * 55 gpd) + (80% of Commercial & Instit.) + (90% of Indust.) + (10% for losses); unless otherwise noted	2030 Non-CVP Supplies (AF)			Data Sources and Assumptions	Changes Since Workshop 6	
					Normal Year	Dry Year	Critical Year			Normal Year	Dry Year	Critical Year			
M&I Contractors															
Redding Basin															
Bella Vista Water District	14-06-200-851A-LTR1	24,578	6,899	2,705	0	0	0	24,578	3,625	0	0	0	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.		
Centerville Community Services District	14-06-200-3367X-LTR1	2,900	978	489	900	900	900	2,900	1,450	900	900	900	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies provided by Centerville CSD.	Centerville CSD acquired 900 AF of pre-1914 water rights for "Exchange water". 2/24/12.	
City of Redding	14-06-200-5272A-LTR1	6,140	5,382	16,206	40,000	40,000	37,314	6,140	22,388	40,000	40,000	37,314	Based on data from 2005 UWMP.		
City of Shasta Lake	4-07-20-W1134-LTR1	4,400	2,867	1,236	2,000	2,000	2,000	4,400	1,656	2,000	2,000	2,000	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.		
Clear Creek Community Services District	14-06-200-489-A-LTR1	15,300	2,016	680	30	30	30	15,300	911	30	30	30	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.		
Mountain Gate Community Services District	14-06-200-6998-LTR1	1,350	832	416	0	0	0	1,350	675	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.		
Shasta Community Services District	14-06-200-862A-LTR1	1,000	782	391	0	0	0	1,000	500	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.		
Shasta County Water Agency	14-06-200-3367A-LTR1	1,022	393	355	0	0	0	1,022	601	0	0	0	Based on 2004 USBR water needs assessment.		
U.S. Forest Service (Shasta)	14-06-200-3464A-LTR1	10	-	0	0	0	0	10	5	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.		
American River															
City of Roseville	14-06-200-3474A-IR1	32,000	30,913	10,997	14,000	30,000	30,000	32,000	20,499	34,000	30,000	30,000	Based on data from 2010 UWMP and clarifications from City of Roseville.	Corrected contract number; questioned appropriateness of PH&S formula; provided corrections to non-CVP supplies - removed a wet year supply that was applied to dry years and removed groundwater supplies. 2/23/12 For 2030 non-CVP supplies, please see spreadsheet provided by Roseville, 4/26/12. Updated historical use for 2006, 2007, 2010. 7/10/12	
East Bay Municipal Utility District	14-06-200-5183A-LTR1	133,000	133,000	148,714	242,000	153,000	130,000	133,000	166,131	257,000	165,000	136,000	Based on data from 2010 UWMP and clarifications from EBMUD. EBMUD historical use defined in contract with Reclamation.	EBMUD provided time series of non-CVP supplies and dry & critical dry values for use in this data summary (EBMUD values higher than what we had shown). 2/24/12 EBMUD provided revised critical dry values for non-CVP supplies and revised time series of non-CVP supplies. 5/8/12	
El Dorado Irrigation District	14-06-200-1357A-LTR1	7,550	5,728	9,636	59,640	57,080	57,080	7,550	14,715	107,140	57,080	57,080	Based on data from 2010 UWMP.	Updated historical use for 2006, 2007, 2010. 7/10/12	
Placer County Water Agency	14-06-200-5082A	35,000	0	27,855	248,972	216,575	172,725	35,000	34,732	256,494	225,664	172,725	Based on data from 2010 UWMP.		
Sacramento County Water Agency	6-07-20-W1372	22,000	4,877	14,360	41,000	42,232	45,930	22,000	28,242	70,498	65,198	92,498	Based on data from 2010 UWMP.	Updated historical use for 2006, 2007, 2010. 7/10/12	
	assignment from SMUD	30,000	-					30,000							
Sacramento Municipal Utility District	14-06-200-5198A	30,000	6,021	26,685	18,024	18,024	18,024	30,000	37,637	18,024	18,024	18,024	Demand and non-CVP supplies based on 2004 USBR water needs assessment. Historical use provided by SMUD.	Updated historical use for 2006, 2007, 2010. 7/10/12	
San Juan Water District	6-07-20-W1373-LTR1	24,200	6,558	14,813	58,000	58,000	58,000	24,200	16,194	58,000	58,000	58,000	Based on data from 2010 UWMP.	Updated historical use for 2006, 2007, 2010. 7/10/12	
Delta Division															
City of Tracy	14-06-200-7858A	10,000	10,000	8,399	14,333	18,833	13,833	10,000	16,045	25,000	30,700	24,200	Based on data from 2010 UWMP. Historical use provided by City of Tracy.	City of Tracy sent documentation that their historical use for 2003, 2005, 2006 was adjusted by Reclamation in 2011 to 10,000 AF. 2/20/12	
	(Westside)	7-07-20-W0045-IR11-B						2,500							2,500
	(Banta-Carbona)	14-06-200-4305A-IR11-B						5,000							5,000
Contra Costa Water District	175r-3401A-LTR1	195,000	170,000	70,827	28,500	23,000	23,000	195,000	115,127	30,700	28,300	28,300	Based on data from 2010 UWMP. Historical use provided by CCWD.	CCWD provided documentation from Reclamation that the two agencies agreed to historical use of 170,000 AF, not 83,289 AF. CCWD said to exclude conservation savings from non-CVP supplies - revised values. 2/24/12.	
U.S. Department of Veteran Affairs	3-07-20-W1124-LTR1	850	70	35	0	0	0	850	425	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.		

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					Normal Year	Dry Year	Critical Year			Normal Year	Dry Year	Critical Year		
Export Area/SOD														
City of Avenal	14-06-200-4619A	3,500	2,820	2,810	0	0	0	3,500	4,271	0	0	0	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.	
City of Coalinga	14-06-200-4173A	10,000	7,189	3,011	0	0	0	10,000	3,245	1,500	1,500	1,500	Based on data from 2005 UWMP.	
City of Huron	14-06-200-7081A	3,000	1,120	708	0	0	0	3,000	1,076	0	0	0	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.	
San Benito County Water District	8-07-20-W0130	43,800	4,026	3,358	9,950	4,004	4,004	43,800	7,419	9,950	7,608	7,608	Based on data from 2010 UWMP.	
Santa Clara Valley Water District	7-07-20-W0023	152,500	152,500	224,572	320,700	216,200	287,840	152,500	280,921	319,050	216,200	310,990	Based on data from 2010 UWMP.	SCVWD provided changes to historical use and an adjusted historical use, which maxes out at their contract amount for both the working draft WSP alternative and the redline/strikeout alternative. 4/5/12
State of California	14-06-200-8033A	10	8	3	0	0	0	10	4	0	0	0	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.	
Agriculture Contractors With Small Amount of M&I Deliveries														
Sacramento River														
Colusa County Water District	14-06-200-304-A-LTR1	68,164	201	101	22,000	22,000	22,000	285	143	22,000	22,000	22,000	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	
Corning Water District	14-06-200-6575-LTR1	23,000	6	3	5,800	5,800	5,800	9	4	5,800	5,800	5,800	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	
Dunnigan Water District	14-06-200-399-A-LTR1	19,000	136	68	6,500	6,500	6,500	193	97	6,500	6,500	6,500	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	
Kanawha Water District	14-06-200-466-A-LTR1	45,000	5	3	174	174	174	7	4	174	174	174	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	
Orland-Artois Water District	14-06-200-8382A-LTR1	53,000	10	5	13,700	13,700	13,700	14	7	13,700	13,700	13,700	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	
Delta Division														
Byron-Bethany Irrigation District	14-06-200-785-LTR1	20,600	800	400	0	0	0	1,112	556	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.	Updated historical use value to 800 AF based on Reclamation documentation during contract renewal. 2010 PH&S value, 2030 demand, and 2030 PH&S value recalculated as a result of that change. 3/22/12
Del Puerto Water District	14-06-200-922-LTR1	140,210	27	14	3,000	3,000	3,000	38	19	3,000	3,000	3,000	Supply data based on 2004 USBR water needs assessment. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	

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					Normal Year	Dry Year	Critical Year			Normal Year	Dry Year	Critical Year		
Export Area/SOD														
Pacheco Water District	6-07-20-W0469 (SLC/DMC)	10,080	12	6	4,597	4,597	4,597	18	9	4,597	4,597	4,597	Supply data based on 2009 Water Management Plan. No data available on demand or population. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand.	Corrected reference for supplies to the 2009 PH&S calculations sheet, not the 2004 water needs assessment. Revised non-CVP supply based on 2009 Water Management Plan, provided by Reclamation. 3/2/12.
Panoche Water District	14-06-200-7864A (SLC/DMC)	94,000	88	44	0	0	0	134	67	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.	
San Luis Water District	14-06-200-7773A (SLC/DMC)	125,080	1,085	543	0	0	0	1,649	825	0	0	0	No data available on population, demand, or supplies. 2010 PH&S assumed to be half of historical use. 2030 demand estimate based on extrapolation of historical use using area growth rate. 2030 PH&S assumed to be half of 2030 demand. Non-CVP supplies assumed to be 0.	
Westlands Water District ⁽³⁾	14-06-200-495A-IR1	1,186,688	4,015	1,131	130,000	130,000	130,000	6,103	3,051	130,000	130,000	130,000	Based on extrapolation from 2009 USBR PH&S calculations using area growth rate.	Erma Leal (USBR) provided data on Westlands' other assignments and M&I historical use for the Broadview assignment.

Notes:

(1) The following contractors are mixed use, but considered "Primarily M&I" for the purposes of this table: Bella Vista Water District; Clear Creek CSD; City of Tracy; Santa Clara Valley Water District; and San Benito County Water District.

(2) Unconstrained years for historical use calculations: North of Delta - 2006, 2007, 2010; American River - 2006, 2007, 2010; South of Delta - 2003, 2005, 2006

(3) Westlands contract amount includes contract for 1,150,000 AF and the following assignments: Broadview WD assignment = 27,000 AF, Centinella WD = 2,500 AF, Mercy Springs WD = 4,198 AF, Widren WD = 2,990 AF. Only assignment with M&I water use is Broadview WD.