

AGRICULTURAL CONTRACT

5/25/00

AMENDMENT NO. 6 TO THE WATER SUPPLY CONTRACT
BETWEEN KERN COUNTY WATER AGENCY
AND BERRENDA MESA WATER DISTRICT

This contract amendment is made this 2nd day of JUNE, 2000, by and between the Kern County Water Agency, hereinafter referred to as the "Agency" and Berrenda Mesa Water District, hereinafter referred to as the "Member Unit".

W I T N E S S E T H:

WHEREAS, on March 9, 1967 the Agency and the Member Unit executed a Water Supply Contract ("The Water Supply Contract") which is subject to the November 15, 1963 Water Supply Contract between the Agency and the State of California ("The Master Contract") and any revisions or amendments thereto approved by the Member Unit; and

WHEREAS, in accordance with Article 32 of The Water Supply Contract, the Member Unit and Western Hills Water District ("Western Hills") have entered into an Agreement dated June 10, 1998 providing for the sale of 8,000 acre-feet of the Member Unit's annual entitlement with the Agency to Western Hills; and

WHEREAS, the Agency has entered into an agreement with Western Hills dated JUNE 5, 2000 providing for the sale of up to 8,000 acre-feet per year of the Agency's banked non-State Water Project supply from the Pioneer Project in substitution for the 8,000 acre-feet of the Member Unit's annual entitlement with the Agency that was to be sold to Western Hills; and

WHEREAS, Western Hills has agreed to pay the Member Unit the balance of the purchase price pursuant to the above mentioned June 10, 1998 agreement; and

WHEREAS, Western Hills has agreed to assign the 8,000 acre-feet of the Member Unit's annual entitlement to the Agency; and

WHEREAS, the Agency and the Member Unit desire to amend the Water Supply Contract to reduce the Member Unit's entitlement to be delivered through Reach 10A and Reach 31A of the California Aqueduct and its payments to the Agency;

NOW THEREFORE, it is hereby mutually agreed by the parties hereto as follows:

1. Article 7 is amended as follows:

(c) The maximum amount of water to be delivered in any month through each reach of the State's transportation facilities as defined in Bulletin 132-65 shall be:

<u>Reach</u>	<u>Maximum Monthly Delivery in Acre Feet</u>
10A	6,679
31A	17,080

(d) The maximum instantaneous flow capacity to be provided in each such reach shall be:

<u>Reach</u>	<u>Maximum Instantaneous Flow Capacity in Cubic Feet per Second</u>
10A	111
31A	283

2. Article 7(g) is added to read:

(g) Notwithstanding the transfer of entitlement to the Agency, the Member Unit will retain the right to use a maximum instantaneous flow capacity of 283 cubic feet per second in Reach 31A.

3. Table 1 is amended to read as shown on Table 1 attached

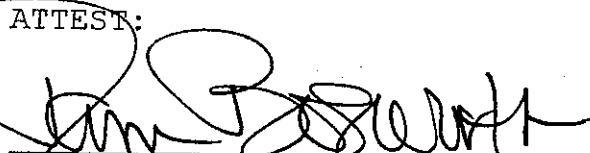
3. Table 1 is amended to read as shown on Table 1 attached hereto and incorporated herein by reference.

4. This amendment shall be effective January 1, 2001.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment No. 6 to the Water Supply Contract on the date first above written.

ATTEST:

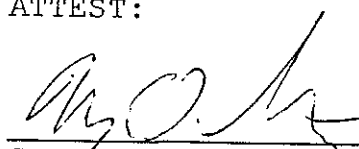
KERN COUNTY WATER AGENCY


Secretary
Kern County Water Agency
P. O. Box 58
Bakersfield, California 93302

By: 
President

ATTEST:

BERRENDA MESA WATER DISTRICT


Secretary
Berrenda Mesa Water District
2100 F St, Suite 100
Bakersfield, California 93301

By: 
President

TABLE 1
BERRENDA MESA WATER DISTRICT

	(1)	(2)	(3)	(4)
	Entitlements for deliveries from Reach 31A* of the California Aqueduct in thousands of Acre-Feet			
<u>Year</u>	<u>Total Contract Entitlement</u>	<u>Surplus</u>	<u>Former Table 1 Entitlement (Col 1+2)</u>	<u>Annual Obligation in % of Total State Charges</u>
1964	-	-	-	-
1965	-	-	-	-
1966	-	-	-	-
1967	-	-	-	0.8614
1968	12.400	-	12.400	11.1484
1969	25.500	-	25.500	14.2911
1970	30.600	-	30.600	13.7193
1971	35.534	16.472	52.006	14.6080
1972	56.100	33.800	89.900	15.9897
1973	57.900	37.700	95.600	15.9524
1974	64.300	46.400	110.700	17.8992
1975	70.500	44.600	115.100	18.1305
1976	77.800	42.100	119.900	17.2529
1977	84.800	39.300	124.100	16.3823
1978	91.800	37.100	128.900	14.6624
1979	98.200	35.200	133.400	14.1161
1980	104.500	33.000	137.500	14.0307
1981	111.400	30.500	141.900	13.5064
1982	117.200	28.600	145.800	13.0470
1983	123.600	25.300	148.900	13.2484
1984	129.400	23.200	152.600	12.8315
1985	134.600	20.600	155.200	13.1008
1986	139.600	18.600	158.200	12.9563
1987	144.500	15.800	160.300	12.8562
1988	148.800	13.100	161.900	12.4427
1989	151.700	11.100	162.800	12.4354
1990	155.100	8.100	163.200	12.0926
1991	155.100	8.100	163.200	13.0467
1992	155.100	8.100	163.200	13.0471
1993	155.100	8.100	163.200	13.0479
1994	155.100	8.100	163.200	13.0480
1995	155.100	8.100	163.200	13.0480
1996	155.100	8.100	163.200	13.0482
1997	155.100	8.100	163.200	13.0488
1998	130.100	6.976	137.076	10.9552
1999	130.100	6.976	137.076	10.9552
2000	123.100	6.661	129.761	10.3689
2001-2014	115.100	6.301	121.401	9.6990
2015	115.100	6.301	121.401	9.7385
2016	115.100	6.301	121.401	9.7794
2017	115.100	6.301	121.401	9.8291
2018	115.100	6.301	121.401	9.8704
2019	115.100	6.301	121.401	9.8850
2020	115.100	6.301	121.401	9.8963
2021	115.100	6.301	121.401	9.9036
2022	115.100	6.301	121.401	9.9057
2023	115.100	6.301	121.401	9.9059
2024	115.100	6.301	121.401	9.9074
2025	115.100	6.301	121.401	9.9100
2026	115.100	6.301	121.401	9.9108
2027-2039	115.100	6.301	121.401	9.9109

* As designated in Bulletin 132-65.

5/22/00

Kern County Water Agency
Adjustment of Capacity for Entitlement Transfers

11/20/2000

A. Original Contract Capacity - Berrenda Mesa WD

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Capacity (CFS)	(6) Total Capacity (CFS)	(7) Mainline Monthly Peaking (%)
1-8D	155,100	155,100	26,080	433	433	16.81%
9,10A	50,000	50,000	9,000	150	150	18.00%
31A	105,100	105,100	17,080	283	283	16.25%
	155,100					

B. Transfer to Mojave WA (25,000 AF)

(For purpose of MWA rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	25,000	25,000	4,204	70	70	16.81%
9,10A	8,059	8,059	1,451	24	24	18.00%
31A	16,941	-	-	-	-	0.00%
	25,000					

C. Transfer to Mojave WA (25,000 AF)

(For purpose of MWA repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	25,000	25,000	4,204	70	70	16.81%
9,10A	8,059	8,059	1,451	24	24	18.00%
31A	16,941	16,941	2,753	46	46	16.25%
	25,000					

D. BMWD Amended Contract Capacity - After Entitlement Sold to Mojave WA (25,000 AF)

Amendment #4 (For purpose of BMWD repayment to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	130,100	130,100	21,875	363	363	16.81%
9,10A	41,941	41,941	7,549	126	126	18.00%
31A	88,159	88,159	14,326	237	237	16.25%
	130,100					

Kern County Water Agency
Adjustment of Capacity for Entitlement Transfers

11/20/2000

E. BMWD Amended Contract Capacity - After Entitlement Sold to Mojave WA (25,000 AF)

Amendment #4 (For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	130,100	130,100	21,875	363	363	16.81%
9,10A	41,941	41,941	7,549	126	126	18.00%
31A	88,159	105,100	17,079	283	283	16.25%
	130,100					

F. Transfer to Alameda-Zone 7 (7,000 AF)

(For purpose of Alameda repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	7,000	7,000	1,177	20	20	16.81%
9,10A	2,257	2,257	406	7	7	18.00%
31A	4,743	4,743	771	13	13	16.25%
	7,000					

G. BMWD Amended Contract Capacity - After Entitlement Sold to Alameda-Zone 7 (7,000 AF)

Amendment #5 (For purpose of BMWD repayment to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	123,100	123,100	20,698	343	343	16.81%
9,10A	39,684	39,684	7,143	119	119	18.00%
31A	83,416	83,416	13,555	224	224	16.25%
	123,100					

H. BMWD Amended Contract Capacity - After Entitlement Sold to Alameda-Zone 7 (7,000 AF)

Amendment #5 (For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	123,100	123,100	20,698	343	343	16.81%
9,10A	39,684	39,684	7,143	119	119	18.00%
31A	83,416	105,100	17,080	283	283	16.25%
	123,100					

Kern County Water Agency
Adjustment of Capacity for Entitlement Transfers

11/20/2000

I. Transfer to KCWA - Western Hills Agreement (8,000 AF)

BMWD Amendment #6

(For purpose of Western Hills repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	8,000	8,000	1,345	23	23	16.81%
9,10A	2,579	2,579	464	8	8	18.00%
31A	5,421	5,421	881	15	15	16.25%
	8,000					

J. Remaining Capacity After Transfer to KCWA - Western Hills (8,000 AF)

BMWD Amendment #6

(For purpose of Western Hills repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	115,100	115,100	19,353	321	321	16.81%
9,10A	37,105	37,105	6,679	111	111	18.00%
31A	77,995	77,995	12,674	210	210	16.25%
	115,100					

K. Remaining Capacity After Transfer to KCWA - Western Hills (8,000 AF)

BMWD Amendment #6

(For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	115,100	115,100	19,353	321	321	16.81%
9,10A	37,105	37,105	6,679	111	111	18.00%
31A	77,995	105,100	17,080	283	283	16.25%
	115,100					

(1) Monthly peaking % = Col 5 / (Col 3 / 60.32706 af/mo).

(2) CFS = Col 5 / 60.32706 af/mo.

Kern County Water Agency

05/12/00

Adjustment of Capacity for Entitlement Transfers

Revised?

A. Original Contract Capacity - Berrenda Mesa WD

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Capacity (CFS)	(6) Total Capacity (CFS)	(7) Mainline Monthly Peaking (%)
1-8D	155,100	155,100	26,080	433	433	16.81%
9,10A	50,000	50,000	9,000	150	150	18.00%
31A	105,100	105,100	17,080	283	283	16.25%
	155,100					

16.84

B. Transfer to Mojave WA (25,000 AF)

(For purpose of MWA rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	25,000	25,000	4,204	70	70	16.81%
9,10A	8,059	8,059	1,451	24	24	18.00%
31A	16,941	-	-	-	-	0.00%
	25,000					

16.89

C. Transfer to Mojave WA (25,000 AF)

(For purpose of MWA repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	25,000	25,000	4,204	70	70	16.81%
9,10A	8,059	8,059	1,451	24	24	18.00%
31A	16,941	16,941	2,753	46	46	16.25%
	25,000					

16.87

D. BMWD Amended Contract Capacity - After Entitlement Sold to Mojave WA (25,000 AF)

Amendment #4 (For purpose of BMWD repayment to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	130,100	130,100	21,875	363	363	16.81%
9,10A	41,941	41,941	7,549	126	126	18.00%
31A	88,159	88,159	14,326	237	237	16.25%
	130,100					

16.83

Kern County Water Agency

05/12/00

Adjustment of Capacity for Entitlement Transfers

E. BMWD Amended Contract Capacity - After Entitlement Sold to Mojave WA (25,000 AF)

Amendment #4 (For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	130,100	147,041	24,628	409	409	16.81%
9,10A	41,941	41,941	7,549	126	126	18.00%
31A	88,159	105,100	17,079	283	283	16.25%
	130,100					

R-31 only
409
-363
46
18.97

F. Transfer to Alameda-Zone 7 (7,000 AF)

(For purpose of Alameda repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	7,000	7,000	1,177	20	20	16.81%
9,10A	2,257	2,257	406	7	7	18.00%
31A	4,743	4,743	771	13	13	16.25%
	7,000					

17.24

G. BMWD Amended Contract Capacity - After Entitlement Sold to Alameda-Zone 7 (7,000 AF)

Amendment #5 (For purpose of BMWD repayment to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	123,100	123,100	20,698	343	343	16.81%
9,10A	39,684	39,684	7,143	119	119	18.00%
31A	83,416	83,416	13,555	224	224	16.25%
	123,100					

16.81

H. BMWD Amended Contract Capacity - After Entitlement Sold to Alameda-Zone 7 (7,000 AF)

Amendment #5 (For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	123,100	144,784	24,223	402	402	16.81%
9,10A	39,684	39,684	7,143	119	119	18.00%
31A	83,416	105,100	17,080	283	283	16.25%
	123,100					

R-31 only
402
-343
59
19.70

Kern County Water Agency
Adjustment of Capacity for Entitlement Transfers

05/12/00

I. Transfer to KCWA - Western Hills Agreement (8,000 AF)

BMWD Amendment #6

(For purpose of Western Hills repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	8,000	8,000	1,345	23	23	16.81%
9,10A	2,579	2,579	464	8	8	18.00%
31A	5,421	5,421	881	15	15	16.25%
	8,000					

17.35 - rounding
18.71
16.69

J. Remaining Capacity After Transfer to KCWA - Western Hills (8,000 AF)

BMWD Amendment #6

(For purpose of Western Hills repayment of costs to DWR & decrease in costs to KCWA)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	115,100	115,100	19,353	321	321	16.81%
9,10A	37,105	37,105	6,679	111	111	18.00%
31A	77,995	77,995	12,674	210	210	16.25%
	115,100					

16.83
18.05
16.24

K. Remaining Capacity After Transfer to KCWA - Western Hills (8,000 AF)

BMWD Amendment #6

(For purpose of BMWD rights to use capacity)

(1) Reach	(2) Contract Firm Entitlement (AF)	(3) Maximum Annual Delivery (AF)	(4) Maximum Monthly Delivery (AF)	(5) Mainline ⁽¹⁾ Monthly Peaking (CFS)	(6) Total Capacity (CFS)	(7) Mainline ⁽²⁾ Monthly Peaking (%)
1-8D	115,100	115,100	23,759	394	394	16.81%
9,10A	37,105	37,105	6,679	111	111	18.00%
31A	77,995	105,100	17,080	283	283	16.25%
	115,100					

R-31 only
46 283 394
13 210 321
15 73
74

20.65

(1) Monthly peaking % = Col 5 / (Col 3 / 60.32706 af/mo).

(2) CFS = Col 5 / 60.32706 af/mo.

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB	
	Firm (AF)	Option (AF)	Surplus (AF)	Total (AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)	Support (%)		
1964				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1965				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1966				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1967				-	-	8.00	-	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1968	8.600	3.800		12.400	118.68	118.10	-	236.78	13.80	31.08	13.80	19.09	91.00	307.00	-	398.00	-	-	-	-	30.92	2,124.00	5.5876	5.5608	0.8614	0.8614	97.9899
1969	17.600	7.900		25.500	242.88	178.78	-	421.66	13.80	22.63	13.80	16.54	265.40	118.10	-	383.50	30.86	31.08	-	-	22.65	2,951.00	8.2304	6.0607	11.1484	38.2581	
1970	21.100	9.500		30.600	291.18	223.82	-	515.00	13.80	23.56	13.80	16.83	399.00	179.00	-	578.00	22.66	22.63	-	-	23.59	3,754.00	7.7565	5.9628	14.2911	27.0484	
1971	21.600	9.600		31.200	298.08	231.94	-	530.02	13.80	24.16	13.80	16.99	498.00	224.00	-	722.00	23.61	23.56	-	-	24.11	4,568.00	6.5254	5.0766	13.7193	28.6704	
1972	22.000	9.800		31.800	303.60	234.12	-	537.72	13.80	23.89	13.80	16.91	520.00	232.00	-	752.00	24.09	24.16	-	-	23.86	5,761.00	5.2699	4.0637	11.6020	29.5186	
1973	25.900	11.600		37.500	357.42	257.06	-	614.48	13.80	22.16	13.80	16.39	574.00	257.00	-	831.00	22.17	22.16	-	-	22.17	6,256.00	5.7132	4.1096	9.8228	26.0554	
1974	36.300	16.300		52.600	500.94	329.91	-	830.85	13.80	20.24	13.80	15.80	735.00	330.00	-	1,065.00	20.25	20.24	-	-	20.25	6,784.00	7.3841	4.8627	12.2468	21.9859	
1975	39.400	17.600		57.000	563.42	349.71	-	913.13	14.30	19.87	14.30	16.02	782.00	350.00	-	1,132.00	19.86	19.81	-	-	19.86	7,311.00	7.7065	4.7819	12.4884	19.3348	
1976	42.700	19.100		61.800	610.61	378.37	-	988.98	14.30	19.81	14.30	16.00	845.00	378.00	-	1,224.00	19.81	19.81	-	-	19.81	8,123.00	7.5171	4.6576	12.1747	19.2010	
1977	45.600	20.400		66.000	652.08	401.88	-	1,053.96	14.30	19.70	14.30	15.97	898.00	402.00	-	1,300.00	19.70	19.70	-	-	19.70	8,952.00	7.2842	4.4899	11.7741	18.9262	
1978	48.900	21.900		70.800	699.27	468.44	-	1,167.71	14.30	21.39	14.30	16.49	1,046.00	468.00	-	1,514.00	21.39	21.39	-	-	21.39	10,777.00	6.4885	4.3461	10.8346	22.8725	
1979	52.000	23.300		75.300	743.60	495.36	-	1,238.96	14.30	21.26	14.30	16.45	1,106.00	495.00	-	1,601.00	21.26	21.26	-	-	21.26	11,698.00	6.3566	4.2334	10.5900	22.6134	
1980	54.800	24.600		79.400	811.04	521.03	-	1,332.07	14.80	21.18	14.80	16.78	1,161.00	521.00	-	1,682.00	21.19	21.18	-	-	21.19	12,641.00	6.4159	4.1217	10.5376	20.8044	
1981	57.900	25.900		83.800	856.92	543.90	-	1,400.82	14.80	21.00	14.80	16.71	1,216.00	544.00	-	1,760.00	20.99	21.00	-	-	20.99	13,640.00	6.2824	3.9868	10.2692	20.4080	
1982	60.600	27.100		87.700	896.88	565.04	-	1,461.92	14.80	20.85	14.80	16.67	1,264.00	565.00	-	1,829.00	20.85	20.85	-	-	20.85	14,590.00	6.1472	3.8734	10.0206	20.0700	
1983	62.700	28.100		90.800	990.66	582.79	-	1,573.45	15.80	20.74	15.80	17.33	1,300.00	583.00	-	1,883.00	20.74	20.74	-	-	20.74	15,647.00	6.3313	3.7237	10.0550	16.4392	
1984	65.300	29.200		94.500	1,031.74	602.10	-	1,633.84	15.80	20.62	15.80	17.29	1,346.00	602.00	-	1,948.00	20.62	20.62	-	-	20.62	16,627.00	6.2052	3.6212	9.8264	16.1273	
1985	67.100	30.000		97.100	1,127.28	615.90	-	1,743.18	16.80	20.53	16.80	17.95	1,377.00	616.00	-	1,993.00	20.52	20.53	-	-	20.53	17,563.00	6.4185	3.5065	9.9250	12.5349	
1986	69.100	31.000		100.100	1,160.88	619.38	-	1,780.26	16.80	19.98	16.80	17.78	1,381.00	619.00	-	2,000.00	19.98	19.98	-	-	19.98	18,045.00	6.4333	3.4321	9.8654	10.9870	
1987	70.600	31.600		102.200	1,221.38	628.52	-	1,849.90	17.30	19.89	17.30	18.10	1,404.00	629.00	-	2,033.00	19.89	19.89	-	-	19.89	18,953.00	6.4443	3.3158	9.7601	9.0064	
1988	71.700	32.100		103.800	1,240.41	635.90	-	1,876.31	17.30	19.81	17.30	18.08	1,421.00	636.00	-	2,057.00	19.81	19.81	-	-	19.81	19,796.00	6.2660	3.2124	9.4784	8.7842	
1989	72.300	32.400		104.700	1,286.84	641.52	-	1,928.46	17.80	19.80	17.80	18.42	1,432.00	642.00	-	2,074.00	19.81	19.81	-	-	19.81	20,461.00	6.2897	3.1358	9.4255	7.0174	
1990	72.600	32.500		105.100	1,292.28	641.23	-	1,933.51	17.80	19.73	17.80	18.40	1,433.00	641.00	-	2,074.00	19.73	19.73	-	-	19.73	21,083.00	6.1295	3.0419	9.1714	6.7739	
1991	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,132.00	6.8711	3.0413	9.9124	(0.7955)	
1992	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,131.00	6.8714	3.0412	9.9126	(0.7955)	
1993	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,130.00	6.8717	3.0415	9.9132	(0.7955)	
1994	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,129.00	6.8721	3.0412	9.9133	(0.7955)	
1995	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,129.00	6.8721	3.0412	9.9133	(0.7955)	
1996	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,129.00	6.8721	3.0412	9.9133	(0.7955)	
1997	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,129.00	6.8721	3.0413	9.9134	(0.7955)	
1998	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,127.00	6.8727	3.0412	9.9139	(0.7955)	
1999	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,127.00	6.8727	3.0412	9.9139	(0.7955)	
2000	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,127.00	6.8727	3.0412	9.9139	(0.7955)	
2001-2014	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-	2,078.00	19.77	19.77	-	-	19.77	21,127.00	6.8727	3.0412	9.9139	(0.7955)	
2015	72.600	32.500		105.100	1,452.00	642.53	-	2,094.53	20.00	19.77	20.00	19.93	1,435.00	643.00	-												

Berrenda Mesa WD
 Reach 10 (11)
 Entitlement Purchased from BWID/PPID (Amendment #1)

	ENTITLEMENT FROM BWID, PPID				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB
	Firm (AF)	Option (AF)	Surplus (AF)	Total (AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)	Support (%)	
1964																										
1965																					2,124.00					
1966																					2,951.00					
1967																					3,754.00					
1968																										
1969																										
1970																										
1971	4.334		16.472	20.806	28.60	-	108.72	137.32	6.60			6.60	110.39	-	49.75	160.13	25.47		3.02	7.68	4,568.00	3.0060	-	3.0060	14.2462	
1972	24.300		33.800	58.100	160.38	-	223.08	383.46	6.60		6.60	6.60	443.96	-	87.88	531.84	18.27		2.60	9.09	5,761.00	6.6561	-	6.6561	27.8995	
1973	20.400		37.700	58.100	134.64	-	248.82	393.46	6.60		6.60	6.60	368.02	-	95.76	463.77	18.04		2.54	8.07	6,256.00	6.1296	-	6.1296	17.3175	
1974	11.700		46.400	58.100	77.22	-	306.24	383.46	6.60		6.60	6.60	248.98	-	132.70	381.68	21.28		2.86	6.63	6,784.00	5.6524	-	5.6524	(0.4664)	
1975	13.500		44.600	58.100	95.85	-	316.66	412.51	7.10		7.10	7.10	268.38	-	128.00	396.38	19.88		2.87	6.83	7,311.00	5.6421	-	5.6421	(4.0688)	
1976	16.000		42.100	58.100	113.60	-	298.91	412.51	7.10		7.10	7.10	302.72	-	133.46	436.18	18.92		3.17	7.49	8,123.00	5.0782	-	5.0782	5.4260	
1977	18.800		39.300	58.100	133.48	-	279.03	412.51	7.10		7.10	7.10	340.66	-	131.26	471.92	18.12		3.34	8.12	8,952.00	4.6082	-	4.6082	12.5886	
1978	21.000		37.100	58.100	149.10	-	263.41	412.51	7.10		7.10	7.10	408.66	-	126.88	535.54	19.46		3.42	9.22	10,777.00	3.8278	-	3.8278	22.9734	
1979	22.900		35.200	58.100	162.59	-	249.92	412.51	7.10		7.10	7.10	437.62	-	123.90	561.52	19.11		3.52	9.68	11,698.00	3.5261	-	3.5261	26.5373	
1980	25.100		33.000	58.100	190.76	-	250.80	441.56	7.60		7.60	7.60	473.14	-	118.47	591.61	18.85		3.59	10.18	12,641.00	3.4931	-	3.4931	25.3624	
1981	27.600		30.500	58.100	209.76	-	231.80	441.56	7.60		7.60	7.60	514.19	-	109.80	623.99	18.63		3.60	10.73	13,640.00	3.2372	-	3.2372	29.2358	
1982	29.500		28.600	58.100	224.20	-	217.36	441.56	7.60		7.60	7.60	545.16	-	103.25	648.41	18.48		3.61	11.19	14,590.00	3.0264	-	3.0264	31.9007	
1983	32.800		25.300	58.100	282.08	-	217.58	499.66	8.60		8.60	8.60	599.26	-	91.33	690.59	18.27		3.61	11.91	15,647.00	3.1934	-	3.1934	27.6473	
1984	34.900		23.200	58.100	300.14	-	199.52	499.66	8.60		8.60	8.60	633.78	-	83.98	717.77	18.16		3.62	12.37	16,627.00	3.0051	-	3.0051	30.3870	
1985	37.500		20.600	58.100	360.00	-	197.76	557.76	9.60		9.60	9.60	676.50	-	74.37	750.87	18.04		3.61	12.90	17,563.00	3.1758	-	3.1758	25.7178	
1986	39.500		18.600	58.100	379.20	-	178.56	557.76	9.60		9.60	9.60	690.46	-	58.96	749.42	17.48		3.17	12.92	18,045.00	3.0909	-	3.0909	25.0554	
1987	42.300		15.800	58.100	427.23	-	159.58	586.81	10.10		10.10	10.10	733.48	-	49.61	783.09	17.34		3.14	13.47	18,953.00	3.0961	-	3.0961	26.0552	
1988	45.000		13.100	58.100	454.50	-	132.31	586.81	10.10		10.10	10.10	774.90	-	40.74	815.64	17.22		3.11	14.84	19,796.00	2.9643	-	2.9643	28.0554	
1989	47.000		11.100	58.100	498.20	-	117.66	615.86	10.60		10.60	10.60	807.93	-	34.74	842.67	17.19		3.13	14.50	20,461.00	3.0099	-	3.0099	26.9159	
1990	50.000		8.100	58.100	530.00	-	85.86	615.86	10.60		10.60	10.60	852.00	-	24.87	876.87	17.04		3.07	15.14	21,083.00	2.9212	-	2.9212	29.7659	
1991	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,132.00	3.1343	-	3.1343	24.6648	
1992	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,132.00	3.1343	-	3.1343	24.6648	
1993	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,131.00	3.1345	-	3.1345	24.6648	
1994	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,130.00	3.1347	-	3.1347	24.6648	
1995	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,129.00	3.1347	-	3.1347	24.6648	
1996	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,129.00	3.1347	-	3.1347	24.6648	
1997	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,129.00	3.1348	-	3.1348	24.6648	
1998	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,127.00	3.1349	-	3.1349	24.6648	
1999	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,127.00	3.1349	-	3.1349	24.6648	
2000	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,127.00	3.1349	-	3.1349	24.6648	
2001-2014	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,127.00	3.1349	-	3.1349	24.6648	
2015	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,127.00	3.1349	-	3.1349	24.6648	
2016	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	21,042.00	3.1476	-	3.1476	24.6648	
2017	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,954.00	3.1609	-	3.1609	24.6648	
2018	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,848.00	3.1769	-	3.1769	24.6648	
2019	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,761.00	3.1903	-	3.1903	24.6648	
2020	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,730.00	3.1950	-	3.1950	24.6648	
2021	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,706.00	3.1987	-	3.1987	24.6648	
2022	50.000		8.100	58.100	570.00	-	92.34	662.34	11.40		11.40	11.40	854.00	-	25.19	879.19	17.08		3.11	15.18	20,692.00	3.2010	-	3.2010	24.6648	

Berrenda Mesa WD
 Reach 10 (11)
 Entitlement Sale to Mojave WA (Amendment #4)

ENTITLEMENT FROM BWID, PPID				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB
	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)	Support (%)
1964				-	-	-	-	-					-	-	-	-					-	-	-	-	-
1965				-	-	-	-	-					-	-	-	-					-	-	-	-	-
1966				-	-	-	-	-					-	-	-	-					-	-	-	-	-
1967				-	-	-	-	-					-	-	-	-					-	-	-	-	-
1968				-	-	-	-	-					-	-	-	-					-	-	-	-	-
1969				-	-	-	-	-					-	-	-	-					2,124.00	-	-	-	-
1970				-	-	-	-	-					-	-	-	-					2,951.00	-	-	-	-
1971				-	-	-	-	-					-	-	-	-					3,754.00	-	-	-	-
1972				-	-	-	-	-	6.60		6.60	6.60					25.47		3.02	7.68	4,568.00	-	-	-	-
1973				-	-	-	-	-	6.60		6.60	6.60					18.27		2.60	9.09	5,761.00	-	-	-	-
1974				-	-	-	-	-	6.60		6.60	6.60					18.04		2.54	8.07	6,256.00	-	-	-	-
1975				-	-	-	-	-	6.60		6.60	6.60					21.28		2.86	6.63	6,784.00	-	-	-	-
1976				-	-	-	-	-	7.10		7.10	7.10					19.88		2.87	6.83	7,311.00	-	-	-	-
1977				-	-	-	-	-	7.10		7.10	7.10					18.92		3.17	7.49	8,123.00	-	-	-	-
1978				-	-	-	-	-	7.10		7.10	7.10					18.12		3.34	8.12	8,952.00	-	-	-	-
1979				-	-	-	-	-	7.10		7.10	7.10					19.46		3.42	9.22	10,777.00	-	-	-	-
1980				-	-	-	-	-	7.10		7.10	7.10					19.11		3.62	9.68	11,698.00	-	-	-	-
1981				-	-	-	-	-	7.60		7.60	7.60					18.85		3.59	10.18	12,641.00	-	-	-	-
1982				-	-	-	-	-	7.60		7.60	7.60					18.63		3.60	10.73	13,640.00	-	-	-	-
1983				-	-	-	-	-	7.60		7.60	7.60					18.48		3.61	11.19	14,590.00	-	-	-	-
1984				-	-	-	-	-	8.60		8.60	8.60					18.27		3.61	11.91	15,647.00	-	-	-	-
1985				-	-	-	-	-	8.60		8.60	8.60					18.16		3.62	12.37	16,627.00	-	-	-	-
1986				-	-	-	-	-	9.60		9.60	9.60					18.04		3.61	12.90	17,563.00	-	-	-	-
1987				-	-	-	-	-	9.60		9.60	9.60					17.48		3.17	12.92	18,045.00	-	-	-	-
1988				-	-	-	-	-	10.10		10.10	10.10					17.34		3.14	13.47	18,953.00	-	-	-	-
1989				-	-	-	-	-	10.10		10.10	10.10					17.22		3.11	14.84	19,796.00	-	-	-	-
1990				-	-	-	-	-	10.60		10.60	10.60					17.19		3.13	14.50	20,461.00	-	-	-	-
1991				-	-	-	-	-	10.60		10.60	10.60					17.04		3.07	15.14	21,083.00	-	-	-	-
1992				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,132.00	-	-	-	-
1993				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,131.00	-	-	-	-
1994				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,130.00	-	-	-	-
1995				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,129.00	-	-	-	-
1996				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,129.00	-	-	-	-
1997				-	-	-	-	-	11.40		11.40	11.40					17.08		3.11	15.18	21,129.00	-	-	-	-
1998	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	21,127.00	(0.4955)	-	(0.4955)	25.8299
1999	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	21,127.00	(0.4955)	-	(0.4955)	25.8299
2000	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	21,127.00	(0.4955)	-	(0.4955)	25.8299
2001-2014	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	21,127.00	(0.4955)	-	(0.4955)	25.8299
2015	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	21,042.00	(0.4976)	-	(0.4976)	25.8299
2016	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,954.00	(0.4996)	-	(0.4996)	25.8299
2017	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,848.00	(0.5021)	-	(0.5021)	25.8299
2018	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,761.00	(0.5042)	-	(0.5042)	25.8299
2019	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,730.00	(0.5050)	-	(0.5050)	25.8299
2020	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,706.00	(0.5056)	-	(0.5056)	25.8299
2021	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,692.00	(0.5059)	-	(0.5059)	25.8299
2022	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,687.00	(0.5060)	-	(0.5060)	25.8299
2023	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,687.00	(0.5060)	-	(0.5060)	25.8299
2024	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,683.00	(0.5061)	-	(0.5061)	25.8299
2025	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,678.00	(0.5063)	-	(0.5063)	25.8299
2026	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,677.00	(0.5063)	-	(0.5063)	25.8299
2027-2039	(8.059)		(1.124)	(9.183)	(91.87)	-	(12.81)	(104.69)	11.40		11.40	11.40	(137.65)	-	(3.50)	(141.14)	17.08		3.11	15.18	20,676.00	(0.5063)	-	(0.5063)	25.8299

Berrenda Mesa WD
 Reach 31A (32)
 Entitlement Sale to Mojave WA (Amendment #4)

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB Support (%)
	Firm (AF)	Option (AF)	Surplus (AF)	Total (AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)		
1964				-	-	-	-	-					-	-	-	-					-	-	-	-	-	
1965				-	-	-	-	-					-	-	-	-					-	-	-	-	-	
1966				-	-	-	-	-					-	-	-	-					-	-	-	-	-	
1967				-	-	-	-	-					-	-	-	-					-	-	-	-	-	
1968				-	-	-	-	-					-	-	-	-					-	-	-	-	-	
1969				-	-	-	-	-	13.80	31.08	13.80	19.09	-	-	-	-	30.86	31.08	-	30.92	2,124.00	-	-	-	-	
1970				-	-	-	-	-	13.80	22.63	13.80	16.54	-	-	-	-	22.66	22.63	-	22.65	2,951.00	-	-	-	-	
1971				-	-	-	-	-	13.80	23.56	13.80	16.83	-	-	-	-	23.61	23.56	-	23.59	3,754.00	-	-	-	-	
1972				-	-	-	-	-	13.80	24.16	13.80	16.99	-	-	-	-	24.09	24.16	-	24.11	4,568.00	-	-	-	-	
1973				-	-	-	-	-	13.80	23.89	13.80	16.91	-	-	-	-	23.84	23.89	-	23.86	5,761.00	-	-	-	-	
1974				-	-	-	-	-	13.80	22.16	13.80	16.39	-	-	-	-	22.17	22.16	-	22.17	6,256.00	-	-	-	-	
1975				-	-	-	-	-	13.80	20.24	13.80	15.80	-	-	-	-	20.25	20.24	-	20.25	6,784.00	-	-	-	-	
1976				-	-	-	-	-	14.30	19.87	14.30	16.02	-	-	-	-	19.86	19.87	-	19.86	7,311.00	-	-	-	-	
1977				-	-	-	-	-	14.30	19.61	14.30	16.00	-	-	-	-	19.81	19.61	-	19.81	8,123.00	-	-	-	-	
1978				-	-	-	-	-	14.30	19.70	14.30	15.97	-	-	-	-	19.70	19.70	-	19.70	8,952.00	-	-	-	-	
1979				-	-	-	-	-	14.30	21.39	14.30	16.49	-	-	-	-	21.39	21.39	-	21.39	10,777.00	-	-	-	-	
1980				-	-	-	-	-	14.30	21.26	14.30	16.45	-	-	-	-	21.26	21.26	-	21.26	11,698.00	-	-	-	-	
1981				-	-	-	-	-	14.80	21.18	14.80	16.78	-	-	-	-	21.19	21.18	-	21.19	12,641.00	-	-	-	-	
1982				-	-	-	-	-	14.80	21.00	14.80	16.71	-	-	-	-	20.99	21.00	-	20.99	13,640.00	-	-	-	-	
1983				-	-	-	-	-	14.80	20.85	14.80	16.67	-	-	-	-	20.85	20.85	-	20.85	14,590.00	-	-	-	-	
1984				-	-	-	-	-	15.80	20.74	15.80	17.33	-	-	-	-	20.74	20.74	-	20.74	15,647.00	-	-	-	-	
1985				-	-	-	-	-	15.80	20.62	15.80	17.29	-	-	-	-	20.62	20.62	-	20.62	16,627.00	-	-	-	-	
1986				-	-	-	-	-	16.80	20.53	16.80	17.95	-	-	-	-	20.52	20.53	-	20.53	17,563.00	-	-	-	-	
1987				-	-	-	-	-	16.80	19.98	16.80	17.78	-	-	-	-	19.98	19.98	-	19.98	18,045.00	-	-	-	-	
1988				-	-	-	-	-	17.30	19.89	17.30	18.10	-	-	-	-	19.89	19.89	-	19.89	18,953.00	-	-	-	-	
1989				-	-	-	-	-	17.30	19.81	17.30	18.08	-	-	-	-	19.81	19.81	-	19.81	19,796.00	-	-	-	-	
1990				-	-	-	-	-	17.80	19.80	17.80	18.42	-	-	-	-	19.81	19.80	-	19.81	20,461.00	-	-	-	-	
1991				-	-	-	-	-	17.80	19.73	17.80	18.40	-	-	-	-	19.73	19.73	-	19.73	21,083.00	-	-	-	-	
1992				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,132.00	-	-	-	-	
1993				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,131.00	-	-	-	-	
1994				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,130.00	-	-	-	-	
1995				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,129.00	-	-	-	-	
1996				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,129.00	-	-	-	-	
1997				-	-	-	-	-	20.00	19.77	20.00	19.93	-	-	-	-	19.77	19.77	-	19.77	21,129.00	-	-	-	-	
1998	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	21,127.00	(1.1078)	(0.4903)	(1.5981)	(0.8051)	
1999	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	21,127.00	(1.1078)	(0.4903)	(1.5981)	(0.8051)	
2000	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	21,127.00	(1.1078)	(0.4903)	(1.5981)	(0.8051)	
2001-2014	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	21,127.00	(1.1078)	(0.4903)	(1.5981)	(0.8051)	
2015	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	21,042.00	(1.1123)	(0.4923)	(1.6046)	(0.8051)	
2016	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,954.00	(1.1169)	(0.4943)	(1.6112)	(0.8051)	
2017	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,848.00	(1.1226)	(0.4968)	(1.6194)	(0.8051)	
2018	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,761.00	(1.1273)	(0.4989)	(1.6252)	(0.8051)	
2019	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,730.00	(1.1290)	(0.4997)	(1.6287)	(0.8051)	
2020	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,706.00	(1.1303)	(0.5002)	(1.6305)	(0.8051)	
2021	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,692.00	(1.1311)	(0.5006)	(1.6317)	(0.8051)	
2022	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,687.00	(1.1313)	(0.5007)	(1.6320)	(0.8051)	
2023	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,687.00	(1.1313)	(0.5007)	(1.6320)	(0.8051)	
2024	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,683.00	(1.1316)	(0.5008)	(1.6324)	(0.8051)	
2025	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,678.00	(1.1318)	(0.5009)	(1.6327)	(0.8051)	
2026	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,677.00	(1.1319)	(0.5009)	(1.6328)	(0.8051)	
2027-2039	(11.702)	(5.239)		(16.941)	(234.04)	(103.58)	-	(337.62)	20.00	19.77	20.00	19.93	(231.35)	(103.58)	-	(334.92)	19.77	19.77	-	19.77	20,676.00	(1.1319)	(0.5010)	(1.6329)	(0.8051)	

Berrenda Mesa WD
 Reach 10 (11)
 Entitlement Sold to Dublin-San Alameda-Zone 7 (Amendment #5)

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB
	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)	Support (%)	
1964																										
1965																										
1966																										
1967																										
1968																										
1969																										
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2000	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	21,127.00	(0.1388)	-	(0.1388)	25.8285	
2001-2014	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	21,127.00	(0.1388)	-	(0.1388)	25.8285	
2015	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	21,042.00	(0.1393)	-	(0.1393)	25.8285	
2016	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,954.00	(0.1399)	-	(0.1399)	25.8285	
2017	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,848.00	(0.1406)	-	(0.1406)	25.8285	
2018	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,761.00	(0.1412)	-	(0.1412)	25.8285	
2019	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,730.00	(0.1414)	-	(0.1414)	25.8285	
2020	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,706.00	(0.1416)	-	(0.1416)	25.8285	
2021	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,692.00	(0.1417)	-	(0.1417)	25.8285	
2022	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,687.00	(0.1417)	-	(0.1417)	25.8285	
2023	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,687.00	(0.1417)	-	(0.1417)	25.8285	
2024	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,683.00	(0.1418)	-	(0.1418)	25.8285	
2025	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,678.00	(0.1418)	-	(0.1418)	25.8285	
2026	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,677.00	(0.1418)	-	(0.1418)	25.8285	
2027-2039	(2.257)		(0.315)	(2.572)	(25.73)	-	(3.59)	(29.32)	11.40		11.40	11.40	(38.55)	-	(0.98)	(39.53)	17.08		3.11	15.18	20,676.00	(0.1418)	-	(0.1418)	25.8285	

Berrenda Mesa WD
 Reach 31A (32)
 Entitlement Sold to Alameda-Zone 7 (Amendmend #5)

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER	CONTRACT PERCENT			ZOB Support (%)
	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)		Basic (%)	Option (%)	Total (%)	
1964																									
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2000	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77					
2001-2014	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3102)	(0.1373)	(0.4475)	(0.8105)
2015	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3114)	(0.1378)	(0.4492)	(0.8105)
2016	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3127)	(0.1384)	(0.4511)	(0.8105)
2017	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3143)	(0.1391)	(0.4534)	(0.8105)
2018	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3156)	(0.1397)	(0.4553)	(0.8105)
2019	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3161)	(0.1399)	(0.4560)	(0.8105)
2020	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3165)	(0.1401)	(0.4566)	(0.8105)
2021	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3167)	(0.1402)	(0.4569)	(0.8105)
2022	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3168)	(0.1402)	(0.4570)	(0.8105)
2023	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3168)	(0.1402)	(0.4570)	(0.8105)
2024	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3168)	(0.1402)	(0.4570)	(0.8105)
2025	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3169)	(0.1402)	(0.4571)	(0.8105)
2026	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3169)	(0.1403)	(0.4572)	(0.8105)
2027-2039	(3.276)	(1.467)		(4.743)	(65.53)	(29.00)	-	(94.53)	20.00	19.77	20.00	19.93	(64.77)	(29.00)	-	(93.77)	19.77	19.77	-	19.77		(0.3169)	(0.1403)	(0.4572)	(0.8105)

Berrenda Mesa WD
 Reach 10 (11)
 Entitlement Sold to KCWA as part of Western Hills Agreement (Amendment #6)

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER Total (\$1,000)	CONTRACT PERCENT			ZOB Support (%)
	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)		Basic (%)	Option (%)	Total (%)	
1964																									
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2001-2014	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18					
2015	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1586)	-	(0.1586)	25.8357
2016	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1599)	-	(0.1599)	25.8357
2017	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1607)	-	(0.1607)	25.8357
2018	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1614)	-	(0.1614)	25.8357
2019	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1618)	-	(0.1618)	25.8357
2020	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1618)	-	(0.1618)	25.8357
2021	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1618)	-	(0.1618)	25.8357
2022	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1619)	-	(0.1619)	25.8357
2023	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1619)	-	(0.1619)	25.8357
2024	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1620)	-	(0.1620)	25.8357
2025	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1620)	-	(0.1620)	25.8357
2026	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1620)	-	(0.1620)	25.8357
2027-2039	(2.579)		(0.360)	(2.939)	(29.40)	-	(4.10)	(33.50)	11.40		11.40	11.40	(44.05)	-	(1.12)	(45.17)	17.08		3.11	15.18		(0.1620)	-	(0.1620)	25.8357

Computed as 50,000/155,100 AF * 8,000 AF
 = 2,579 AF.

Computed as 8,100/58,100 AF * 2,579 AF =
 360 AF.

Berrenda Mesa WD
 Reach 31A (32)
 Entitlement Sold to KCWA as part of Western Hills Agreement (Amendment #6)

	TABLE 1 ENTITLEMENT				AGENCY PRICING								STATE PRICING								MULTIPLIER		CONTRACT PERCENT			ZOB Support (%)
	Firm (AF)	Option (AF)	Surplus (AF)	Total (AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Average (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)		
1964																					-	-	-	-		
1965																					-	-	-	-		
1966																					-	-	-	-		
1967																					-	-	-	-		
1968																					-	-	-	-		
1969																					2,124.00	-	-	-		
1970																					2,951.00	-	-	-		
1971																					3,754.00	-	-	-		
1972																					4,568.00	-	-	-		
1973																					5,761.00	-	-	-		
1974																					6,256.00	-	-	-		
1975																					6,784.00	-	-	-		
1976																					7,311.00	-	-	-		
1977																					8,123.00	-	-	-		
1978																					8,952.00	-	-	-		
1979																					10,777.00	-	-	-		
1980																					11,698.00	-	-	-		
1981																					12,641.00	-	-	-		
1982																					13,640.00	-	-	-		
1983																					14,590.00	-	-	-		
1984																					15,647.00	-	-	-		
1985																					16,627.00	-	-	-		
1986																					17,563.00	-	-	-		
1987																					18,045.00	-	-	-		
1988																					18,953.00	-	-	-		
1989																					19,796.00	-	-	-		
1990																					20,461.00	-	-	-		
1991																					21,083.00	-	-	-		
1992																					21,132.00	-	-	-		
1993																					21,131.00	-	-	-		
1994																					21,130.00	-	-	-		
1995																					21,129.00	-	-	-		
1996																					21,129.00	-	-	-		
1997																					21,127.00	-	-	-		
1998																					21,127.00	-	-	-		
1999																					21,127.00	-	-	-		
2000																					21,127.00	-	-	-		
2001-2014	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	21,127.00	(0.3545)	(0.1568)	(0.5113)	(0.8025)	
2015	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	21,042.00	(0.3559)	(0.1574)	(0.5133)	(0.8025)	
2016	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,954.00	(0.3574)	(0.1581)	(0.5155)	(0.8025)	
2017	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,848.00	(0.3592)	(0.1589)	(0.5181)	(0.8025)	
2018	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,761.00	(0.3607)	(0.1596)	(0.5203)	(0.8025)	
2019	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,730.00	(0.3613)	(0.1598)	(0.5211)	(0.8025)	
2020	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,706.00	(0.3617)	(0.1600)	(0.5217)	(0.8025)	
2021	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,692.00	(0.3619)	(0.1601)	(0.5220)	(0.8025)	
2022	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,687.00	(0.3620)	(0.1601)	(0.5221)	(0.8025)	
2023	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,687.00	(0.3620)	(0.1601)	(0.5221)	(0.8025)	
2024	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,683.00	(0.3621)	(0.1602)	(0.5223)	(0.8025)	
2025	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,678.00	(0.3622)	(0.1602)	(0.5224)	(0.8025)	
2026	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,677.00	(0.3622)	(0.1602)	(0.5224)	(0.8025)	
2027-2039	(3.745)	(1.676)		(5.421)	(74.89)	(33.13)	-	(108.02)	20.00	19.77	20.00	19.93	(74.03)	(33.13)	-	(107.16)	19.77	19.77	-	19.77	20,676.00	(0.3622)	(0.1602)	(0.5224)	(0.8025)	

Barrera Mesa WD
Total All Reaches

	TOTAL ENTITLEMENT				TOTAL AGENCY PRICING				TOTAL STATE PRICING				MULTIPLIER				CONTRACT PERCENT			ZOB Support (%)					
	Firm (AF)	Option (AF)	Surplus (AF)	Total (AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Firm (\$1,000)	Option (\$1,000)	Surplus (\$1,000)	Total (\$1,000)	Firm (\$/AF)	Option (\$/AF)	Surplus (\$/AF)	Total (\$/AF)	Total (\$1,000)	Basic (%)	Option (%)	Total (%)	
1964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	8.00	-	8.00	-	-	-	-	91.00	307.00	-	398.00	-	-	-	-	-	-	0.8614	0.8614	97.9899
1968	8.600	3.800	-	12.400	118.68	118.10	-	236.78	13.80	31.08	-	19.10	265.40	118.10	-	383.50	30.86	31.08	-	30.93	2,124.00	5.5876	5.5808	11.1484	38.2581
1969	17.600	7.900	-	25.500	242.88	178.78	-	421.66	13.80	22.63	-	16.54	399.00	179.00	-	578.00	22.67	22.66	-	22.67	2,951.00	8.2304	6.0607	14.2911	27.0484
1970	21.100	9.500	-	30.600	291.18	223.82	-	515.00	13.80	23.56	-	16.83	498.00	224.00	-	722.00	23.60	23.58	-	23.59	3,754.00	7.7565	5.9628	13.7193	28.6704
1971	25.934	9.600	16.472	52.006	326.68	231.84	108.72	667.34	12.60	24.16	6.60	12.83	630.39	232.00	49.75	912.13	24.31	24.17	3.02	17.54	4,568.00	9.5314	5.0766	14.6080	26.8374
1972	46.300	9.800	33.800	89.900	463.98	234.12	223.08	921.18	10.02	23.89	6.60	10.25	968.96	234.00	87.88	1,290.84	20.93	23.88	2.60	14.36	5,761.00	11.9260	4.0637	15.9897	28.6372
1973	46.300	11.600	37.700	95.600	492.06	257.06	248.82	997.94	10.63	22.16	6.60	10.44	942.02	257.00	95.76	1,294.77	20.35	22.16	2.54	13.54	6,256.00	11.8428	4.1096	15.9524	22.9255
1974	48.000	16.300	46.400	110.700	578.16	329.91	306.24	1,214.31	12.05	20.24	6.60	10.97	983.98	330.00	132.70	1,446.68	20.50	20.25	2.86	13.07	6,784.00	13.0365	4.8627	17.8992	16.0623
1975	52.900	17.600	44.600	115.100	659.27	349.71	316.66	1,325.64	12.46	19.87	7.10	11.52	1,050.38	350.00	128.00	1,528.38	19.86	19.89	2.87	13.28	7,311.00	13.3486	4.7819	18.1305	13.2651
1976	58.700	19.100	42.100	119.900	724.21	378.37	298.91	1,401.49	12.34	19.81	7.10	11.69	1,148.72	378.00	133.46	1,660.18	19.57	19.79	3.17	13.85	8,123.00	12.5953	4.6576	17.2529	15.5819
1977	64.400	20.400	39.300	124.100	785.56	401.88	279.03	1,466.47	12.20	19.70	7.10	11.82	1,238.66	402.00	131.26	1,771.92	19.23	19.71	3.34	14.28	8,952.00	11.8924	4.4899	16.3823	17.2383
1978	69.900	21.900	37.100	128.900	848.37	468.44	263.41	1,580.22	12.14	21.39	7.10	12.26	1,454.66	468.00	126.88	2,048.54	20.81	21.37	3.42	15.90	10,777.00	10.3163	4.3461	14.6624	22.8989
1979	74.900	23.300	35.200	133.400	906.19	495.36	249.92	1,651.47	12.10	21.26	7.10	12.38	1,543.62	495.00	123.90	2,162.52	20.61	21.24	3.52	16.21	11,698.00	9.8827	4.2334	14.1161	23.6323
1980	79.900	24.600	33.000	137.500	1,001.80	521.03	250.80	1,773.63	12.54	21.18	7.60	12.90	1,634.14	521.00	118.47	2,273.61	20.45	21.18	3.59	16.54	12,641.00	9.9090	4.1217	14.0307	21.9904
1981	85.500	25.900	30.500	141.900	1,066.68	543.90	231.80	1,842.38	12.48	21.00	7.60	12.98	1,730.19	544.00	109.80	2,383.99	20.24	21.00	3.60	16.80	13,640.00	9.5196	3.9868	13.5064	22.7186
1982	90.100	27.100	28.600	145.800	1,121.08	565.04	217.36	1,903.48	12.44	20.85	7.60	13.06	1,809.16	565.00	103.25	2,477.41	20.08	20.85	3.61	16.99	14,590.00	9.1736	3.8734	13.0470	23.1664
1983	95.500	28.100	25.300	148.900	1,272.74	582.79	217.58	2,073.11	13.33	20.74	8.60	13.92	1,899.26	583.00	91.33	2,573.59	19.89	20.75	3.61	17.28	15,647.00	9.5247	3.7237	13.2484	19.4467
1984	100.200	29.200	23.200	152.600	1,331.88	602.10	199.52	2,133.50	13.29	20.62	8.60	13.98	1,979.78	602.00	83.98	2,665.77	19.76	20.62	3.62	17.47	16,627.00	9.2103	3.6212	12.8315	19.9668
1985	104.600	30.000	20.600	155.200	1,487.28	615.90	197.76	2,300.94	14.22	20.53	9.60	14.83	2,053.50	616.00	74.37	2,743.87	19.63	20.53	3.61	17.68	17,563.00	9.5943	3.5065	13.1008	16.1424
1986	108.600	31.000	18.600	158.200	1,540.08	619.38	178.56	2,338.02	14.18	19.98	9.60	14.78	2,071.46	619.00	58.96	2,749.42	19.07	19.97	3.17	17.38	18,045.00	9.5242	3.4321	12.9563	14.9632
1987	112.900	31.600	15.800	160.300	1,648.61	628.52	159.58	2,436.71	14.60	19.89	10.10	15.20	2,137.48	629.00	49.61	2,816.09	18.93	19.91	3.14	17.57	18,953.00	9.5404	3.3158	12.8562	13.4720
1988	116.700	32.100	13.100	161.900	1,694.91	635.90	132.31	2,463.12	14.52	19.81	10.10	15.21	2,195.90	636.00	40.74	2,872.64	18.82	19.81	3.11	17.74	19,796.00	9.2303	3.2124	12.4427	14.2559
1989	119.300	32.400	11.100	162.800	1,785.14	641.52	117.66	2,544.32	14.96	19.80	10.60	15.63	2,239.93	642.00	34.74	2,916.67	18.78	19.81	3.13	17.92	20,461.00	9.2996	3.1358	12.4354	12.7664
1990	122.600	32.500	8.100	163.200	1,822.28	641.23	85.86	2,549.37	14.86	19.73	10.60	15.62	2,285.00	641.00	24.87	2,950.87	18.64	19.72	3.07	18.08	21,083.00	9.0507	3.0419	12.0926	13.6061
1991	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,132.00	10.0054	3.0413	13.0467	6.7740
1992	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,131.00	10.0059	3.0412	13.0471	6.7740
1993	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,130.00	10.0064	3.0415	13.0479	6.7740
1994	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,129.00	10.0068	3.0412	13.0480	6.7740
1995	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,129.00	10.0068	3.0412	13.0480	6.7740
1996	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,129.00	10.0069	3.0413	13.0482	6.7740
1997	122.600	32.500	8.100	163.200	2,022.00	642.53	92.34	2,756.87	16.49	19.77	11.40	16.89	2,289.00	643.00	25.19	2,957.19	18.67	19.78	3.11	18.12	21,127.00	10.0076	3.0412	13.0488	6.7740
1998	102.839	27.261	6.975	137.076	1,696.09	538.95	79.53	2,314.56	16.49	19.77	11.40	16.89	1,920.00	539.42	21.70	2,481.12	18.67	19.79	3.11	18.10	21,127.00	8.4043	2.5509	10.9552	6.7131
1999	102.839	27.261	6.975	137.076	1,696.09	538.95	79.53	2,314.56	16.49	19.77	11.40	16.89	1,920.00	539.42	21.70	2,481.12	18.67	19.79	3.11	18.10	21,127.00	8.4043	2.5509	10.9552	6.7131
2000	97.306	25.794	6.661	129.761	1,604.83	509.95	75.94	2,190.71	16.49	19.77	11.40	16.88	1,816.68	510.42	20.72	2,347.82	18.67	19.79	3.11	18.09	21,127.00	7.9553	2.4136	10.3689	6.6917
2001-2014	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	21,127.00	7.4422	2.2568	9.6990	6.6637
2015	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	21,042.00	7.4724	2.2661	9.7385	6.6637
2016	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	20,954.00	7.5040	2.2754	9.7794	6.6637
2017	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	20,848.00	7.5421	2.2870	9.8291	6.6637
2018	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	20,761.00	7.5738	2.2966	9.8704	6.6637
2019	90.982	24.118	6.301	121.401	1,500.54	476.82	71.84	2,049.19	16.49	19.77	11.40	16.88	1,698.60	477.29	19.60	2,195.49	18.67	19.79	3.11	18.08	20,730.00	7.5849	2.3		