

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2009

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Dear Mr. Arakawa:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2010.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 010-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$35,073,902
Capital Cost Component		
Delta Water Charge	\$24,992,616	
Less Rate Management Rebate Under Monterey Amendment	<u>0</u>	24,992,616
Transportation Charge	61,343,827	
Less Rate Management Rebate Under Monterey Amendment	<u>0</u>	61,343,827
Minimum Operation, Maintenance, Power, and Replacement Component		
Delta Water Charge		47,012,233
Transportation Charge		<u>133,679,267</u>
Total for Invoice No. 010-014-T		<u>\$302,101,845</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 010-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,017,340
Article 17 (b)		
Operation and Maintenance		<u>6,319,159</u>
Total for Invoice No. 010-002-DCC		<u>\$13,336,499</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Stephen N. Arakawa, Group Manager  
July 1, 2009  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2010 are:

Variable Operation, Maintenance, Power and Replacement Component	
Transportation Charge	\$202,097,138

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.608 percent and are applied against the payments to be made in 2010. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

Your 2010 Off-Aqueduct Facility charge, Invoice No. 010-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance, Power and Replacement Component	
Off-Aqueduct Power Facilities	\$92,839,556

The 2010 East Branch Enlargement Facilities Transportation Charge, Invoice No. 010-004-E, Attachment 1-3 is:

Capital Cost Component	\$30,146,101
Minimum Operation, Maintenance, Power and Replacement Component	<u>5,202,365</u>
Total East Branch Enlargement Facilities	<u>\$35,348,466</u>

The 2010 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 010-007-TAB, Attachment 1-6 is:

Capital Cost Component	
Tehachapi Second Afterbay Facilities	\$5,001,372

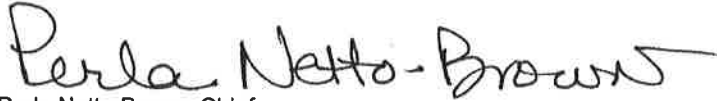
Enclosed are Attachment 8 and 9 showing the charges under executed agreements for Municipal Water Quality Investigations and Bay-Delta Conservation Plan, respectively. These charges are included in the annual Statement of Charges under the Transportation minimum OMP&R component.

Transportation and Conservation Capital charges do not include the Rate Management Rebate under Monterey Amendment for 2010. The Department will keep water contractors informed regarding the possible 2010 Rate Management Rebate as information becomes available.

Mr. Stephen N. Arakawa, Group Manager  
July 1, 2009  
Page Three

If you have any questions concerning these charges, please contact Maricella Flores, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown". The signature is written in a cursive style with a long horizontal flourish at the end of the name.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Certified Mail

cc: (See attached list.)

Ms. Kathleen M. Cole  
Executive Legislative Representative  
Metropolitan Water District  
of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Mr. Brad Hiltcher  
Executive Legislative Representative  
Metropolitan Water District  
of Southern California  
500 New Jersey Avenue NW 5<sup>th</sup> Floor  
Washington, DC 20001-2006

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Invoice No: 010-014-T

Date: June 30, 2009

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,085,989	\$ 6,450,963	\$ 12,496,308	\$ 30,671,914	\$ 3,917,687	\$ 11,139,939	\$ 75,762,800
February 1					3,917,686	11,139,939	15,057,625
March 1					3,917,686	11,139,939	15,057,625
April 1					3,917,686	11,139,939	15,057,625
May 1					3,917,686	11,139,939	15,057,625
June 1					3,917,686	11,139,939	15,057,625
July 1	11,085,988	6,450,962	12,496,308	30,671,913	3,917,686	11,139,939	75,762,796
August 1					3,917,686	11,139,939	15,057,625
September 1					3,917,686	11,139,939	15,057,625
October 1					3,917,686	11,139,939	15,057,625
November 1					3,917,686	11,139,939	15,057,625
December 1					3,917,686	11,139,938	15,057,624
<b>Total:</b>	<b>\$ 22,171,977</b>	<b>\$ 12,901,925</b>	<b>\$ 24,992,616</b>	<b>\$ 61,343,827</b>	<b>\$ 47,012,233</b>	<b>\$ 133,679,267</b>	<b>\$ 302,101,845</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$13.07487107

B/ 1,911,500 acre feet @ \$24.59441938

C/ Charges under the Capital Cost Component have been reduced by:

Urban Rate Reduction Credit \$0

Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2010

Invoice No: 010-002-DCC

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Date: June 30, 2009

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,508,670	\$ 303,482	\$ 223,115	\$ 4,035,267
February 1		303,482	223,115	526,597
March 1		303,482	223,115	526,597
April 1		303,482	223,115	526,597
May 1		303,482	223,115	526,597
June 1		303,482	223,115	526,597
July 1	3,508,670	303,482	223,115	4,035,267
August 1		303,482	223,115	526,597
September 1		303,482	223,115	526,597
October 1		303,481	223,115	526,596
November 1		303,481	223,114	526,595
December 1		303,481	223,114	526,595
<b>Total:</b>	<b>\$ 7,017,340</b>	<b>\$ 3,641,781</b>	<b>\$ 2,677,378</b>	<b>\$ 13,336,499</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)

B/ Article 17(b)



State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CA**  
**IN 2010**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$24,992,616	\$0	\$24,992,616
Transportation Charge	61,343,827	0	61,343,827
Total	<u>\$86,336,443</u>	<u>\$0</u>	<u>\$86,336,443</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Invoice No: 010-013-O  
 Date: June 30, 2009  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	Amount
January 1	\$3,008,955	\$752,239	\$3,975,436	\$7,736,630
February 1	3,008,955	752,239	3,975,436	7,736,630
March 1	3,008,955	752,239	3,975,436	7,736,630
April 1	3,008,955	752,239	3,975,436	7,736,630
May 1	3,008,955	752,239	3,975,436	7,736,630
June 1	3,008,955	752,239	3,975,436	7,736,630
July 1	3,008,955	752,239	3,975,436	7,736,630
August 1	3,008,955	752,239	3,975,436	7,736,630
September 1	3,008,955	752,239	3,975,436	7,736,630
October 1	3,008,954	752,239	3,975,436	7,736,629
November 1	3,008,954	752,239	3,975,436	7,736,629
December 1	3,008,954	752,238	3,975,436	7,736,628
<b>Total:</b>	<b>\$36,107,457</b>	<b>\$9,026,867</b>	<b>\$47,705,232</b>	<b>\$92,839,556</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Invoice No: 010-004-E  
 Date: June 30, 2009  
 Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				433,531	433,531
February 1				433,531	433,531
March 1	6,018,846	3,060,441	1,009,156	433,531	10,521,974
April 1				433,531	433,531
May 1				433,531	433,531
June 1				433,530	433,530
July 1				433,530	433,530
August 1				433,530	433,530
September 1	14,566,146	3,060,440	2,431,072	433,530	20,491,188
October 1				433,530	433,530
November 1				433,530	433,530
December 1				433,530	433,530
<b>Total:</b>	<b>\$ 20,584,992</b>	<b>\$ 6,120,881</b>	<b>\$ 3,440,228</b>	<b>\$ 5,202,365</b>	<b>\$ 35,348,466</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153, Terminal Annex  
 Los Angeles, California 90054-0153

Invoice No: 010-007-TAB

Date: June 30, 2009

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,000,548	\$ 500,138	\$ 2,500,686
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,000,548	500,138	2,500,686
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,001,096</b>	<b>\$ 1,000,276</b>	<b>\$ 5,001,372</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1980	0	0	0	0	0	0	0	0	0	0	0	
1981	0	0	0	0	0	0	0	0	0	0	0	
1982	0	12,184,916	0	0	0	0	0	0	0	0	0	
1983	0	10,082,764	65,968	1,275,276	1,341,244	0	1,341,244	0	0	0	1,341,244	
1984	0	17,058,138	123,649	1,162,301	1,305,950	0	1,305,950	0	0	0	1,305,950	
1985	0	31,951,982	221,687	480,019	701,706	0	701,706	0	0	0	701,706	
1986	0	70,547,174	404,888	3,935,996	4,340,884	0	4,340,884	0	0	0	4,340,884	
1987	0	124,995,712	805,481	4,849,820	5,655,301	0	5,655,301	0	0	0	5,655,301	
1988	0	139,828,171	1,519,313	12,597,233	14,116,546	1,711,561	15,828,107	0	0	0	15,828,107	
1989	0	130,799,064	2,346,340	20,081,597	22,407,937	1,314,941	23,722,878	0	0	0	23,722,878	
1990	0	150,212,228	3,162,593	27,335,435	30,498,028	2,041,108	32,539,136	0	0	0	32,539,136	
1991	0	115,361,881	4,121,561	25,707,277	29,828,838	2,845,550	32,674,388	0	0	0	32,674,388	
1992	154,772	28,803,850	4,936,041	37,901,274	42,837,315	7,857,023	51,432,997	2,043,211	0	0	53,476,208	
1993	354,800	37,374,984	5,319,434	46,349,967	51,669,401	8,934,684	61,884,317	2,317,893	0	0	64,202,210	
1994	454,900	16,707,208	5,786,898	47,784,818	53,551,716	7,472,377	62,777,132	4,231,933	0	0	67,009,065	
1995	555,200	14,681,380	6,123,088	44,065,659	50,188,747	12,965,036	4,163,244	67,317,027	5,073,298	0	72,390,313	
1996	855,800	12,035,616	6,484,724	43,822,335	50,307,059	15,856,809	4,952,315	70,916,283	8,422,127	0	77,338,450	
1997	755,900	11,067,905	6,848,899	43,812,375	50,661,074	15,445,748	(231,716)	65,875,104	7,104,278	0	72,979,382	
1998	858,300	15,187,699	7,224,208	44,304,958	51,529,164	12,908,948	7,850,079	72,288,191	9,018,389	0	81,302,580	
1999	956,900	27,165,746	7,639,324	44,705,900	52,345,224	27,062,599	(9,971,767)	75,438,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,818	8,138,417	45,776,518	53,914,935	21,561,704	8,770,811	84,247,518	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,822,952	66,426,853	75,249,805	14,924,917	8,879,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,800	29,493,800	9,315,043	28,872,826	38,187,869	36,966,205	9,181,112	84,335,166	23,988,580	0	108,333,746	
1983	1,358,000	23,110,146	9,903,955	50,913,137	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	12,791,358	134,153,570	
1984	1,458,300	14,829,360	10,485,446	72,950,000	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	39,229,567	179,054,983	
1985	1,558,700	9,164,110	11,048,900	52,247,784	63,296,684	58,783,089	(6,788,098)	113,291,875	22,050,974	77,446,523	212,789,172	
1986	1,659,300	7,329,815	11,607,847	50,278,644	61,886,201	30,809,854	8,687,441	99,383,586	25,089,658	77,581,287	202,054,531	
1987	1,759,800	8,204,066	12,184,284	50,895,921	63,080,185	51,359,847	7,335,849	122,375,881	28,095,043	68,839,195	217,409,819	
1988	1,860,400	6,203,848	12,782,881	51,380,498	64,163,379	50,654,635	(8,903,510)	105,914,704	28,781,238	2,642,354	217,274,605	
1989	1,961,000	17,262,370	13,411,029	51,678,286	65,087,315	89,131,745	(5,351,598)	128,887,106	32,505,376	4,587,841	234,271,899	
1990	2,011,500	16,019,198	14,143,577	51,139,979	65,283,556	47,212,462	24,090,472	136,588,490	33,618,369	4,037,980	258,205,288	
1991	2,011,500	18,859,032	14,907,273	51,224,724	66,131,997	59,177,025	20,546,087	145,855,109	35,678,185	8,259,893	242,005,416	
1992	2,011,500	19,184,149	15,733,052	51,025,515	66,758,567	72,160,742	(14,838,492)	124,280,817	40,763,329	8,435,312	245,880,512	
1993	2,011,500	25,797,108	16,806,861	48,110,320	64,717,201	82,491,809	(45,542,508)	81,686,502	40,859,579	8,885,273	186,723,969	
1994	2,011,500	14,175,385	17,583,147	48,368,809	65,951,956	72,700,847	10,248,885	148,901,688	39,156,173	8,828,755	269,823,237	
1995	2,011,500	14,182,954	19,515,677	49,055,814	67,571,491	85,023,889	(8,047,784)	142,547,596	41,903,674	10,539,433	207,853,516	
1996	2,011,500	19,741,116	19,497,995	48,081,400	67,559,385	88,296,148	8,083,981	143,949,522	41,195,923	12,810,361	234,492,065	
1997	2,011,500	12,059,264	20,588,187	48,817,235	69,403,422	82,662,153	(1,594,568)	150,471,009	45,548,810	13,168,230	246,309,428	
1998	2,011,500	10,062,044	21,857,213	49,219,823	70,876,438	77,734,742	(8,107,455)	140,503,723	45,855,992	12,662,268	229,363,592	
1999	2,011,500	8,103,221	22,763,119	49,235,675	71,998,794	94,936,960	(8,535,154)	158,400,600	47,422,430	17,454,851	285,535,261	
2000	2,011,500	4,735,581	23,903,083	48,022,712	71,926,676	103,431,917	39,588,478	214,947,071	48,169,576	19,805,600	326,900,324	
2001	2,011,500	2,615,653	25,062,298	47,626,690	72,688,988	81,532,014	94,286,086	228,507,090	48,180,135	19,490,499	345,583,000	
2002	2,011,500	4,777,993	26,250,400	46,744,790	72,995,199	88,214,191	68,188,773	229,398,163	48,898,394	20,091,004	343,967,394	
2003	2,011,500	2,507,003	27,524,351	44,561,171	72,085,522	113,391,880	41,561,901	269,130,803	47,869,376	20,920,403	379,838,028	
2004	2,011,500	3,218,350	28,828,467	43,407,045	72,235,512	77,477,460	92,185,160	241,878,132	47,414,032	20,941,743	368,874,130	
2005	1,911,500	5,459,403	30,205,647	36,507,412	66,713,059	58,088,430	112,280,560	237,082,053	49,246,363	19,770,592	363,819,865	
2006	1,911,500	11,738,390	31,885,396	33,286,262	64,971,648	83,620,114	115,053,860	263,845,422	47,418,073	20,330,228	392,093,058	
2007	1,911,500	10,203,954	33,346,303	32,038,810	65,385,113	76,223,977	174,436,941	318,046,031	52,120,489	12,752,863	441,897,755	
2008	1,911,500	10,307,121	35,068,724	32,349,737	67,418,461	117,915,033	68,521,113	253,854,907	53,315,217	18,177,883	422,687,903	
2009	1,911,500	26,984,815	36,864,685	30,550,013	67,434,698	113,574,304	96,192,078	277,301,080	58,268,144	36,459,792	458,175,060	
2010	1,911,500	30,133,197	39,142,896	29,218,271	68,381,167	123,562,821	194,949,572	386,873,560	72,004,849	35,073,902	529,839,556	
2011	1,911,500	85,386,659	41,812,867	28,779,984	70,392,831	112,414,769	205,128,605	387,936,225	72,004,849	37,492,692	591,288,658	
2012	1,911,500	47,730,275	45,500,000	30,730,004	78,280,004	110,303,334	195,789,927	382,373,265	72,004,849	37,533,127	585,779,684	
2013	1,911,500	1,058,022	48,231,089	30,799,148	79,030,215	111,408,371	213,151,526	403,588,112	72,004,849	39,333,217	568,361,372	
2014	1,911,500	1,058,022	49,962,618	28,630,391	78,593,009	112,520,434	218,730,588	407,844,031	72,004,849	40,728,588	533,818,353	
2015	1,911,500	1,058,022	51,417,552	26,365,861	77,803,413	113,645,639	224,449,785	415,898,837	72,004,849	42,631,543	538,171,405	
2016	1,911,500	1,058,022	52,174,888	24,082,899	76,257,787	114,782,095	229,290,881	420,330,743	72,004,849	43,018,079	541,884,884	
2017	1,911,500	1,058,022	50,982,375	21,767,391	72,749,768	115,929,914	213,903,211	402,582,891	72,004,849	42,440,390	523,297,536	
2018	1,911,500	0	46,934,130	19,538,377	66,472,507	117,089,213	238,086,174	419,647,894	72,004,849	37,914,782	532,121,934	
2019	1,911,500	0	41,896,556	17,456,742	59,353,298	118,260,107	223,243,365	400,856,770	72,004,849	40,531,444	515,931,924	
2020	1,911,500	0	37,091,794	15,802,002	52,893,796	119,442,706	226,825,028	398,761,530	72,004,849	37,518,293	511,025,367	
2021	1,911,500	0	31,065,969	13,979,924	45,045,893	120,637,133	225,522,943	391,205,969	72,004,849	37,797,397	4,312,445	
2022	1,911,500	0	26,557,055	12,815,305	39,172,360	121,843,506	228,076,812	389,092,678	72,004,849	36,852,593	4,089,944	
2023	1,911,500	0	26,297,591	11,408,280	37,705,851	123,061,941	229,200,092	389,967,884	72,004,849	36,724,242	2,895,798	
2024	1,911,500	0	25,584,800	10,218,141	35,802,941	124,292,560	224,283,813	384,379,314	72,004,849	35,418,926	2,097,033	
2025	1,911,500	0	25,903,428	9,048,893	34,952,311	125,535,484	228,713,211	389,201,006	72,004,849	32,301,530	238,849	
2026	1,911,500	0	28,341,057	7,863,787	34,204,844	126,790,841	227,955,427	388,951,092	72,004,849	29,477,135	329,786	
2027	1,911,500	0	26,935,092	8,656,950	33,592,042	128,058,746	227,828,789	389,479,577	72,004,849	32,384,535	545,479	
2028	1,911,500	0	27,606,331	5,422,200	33,028,531	129,339,338	227,254,488	389,622,355	72,004,849	24,978,398	486,928,259	
2029	1,911,500	0	28,096,357	4,158,908	32,255,265	130,832,729	226,287,043	389,175,037	72,004,849	27,074,698	320,218	
2030	1,911,500	0	27,992,167	2,879,982	30,872,149	131,939,058	224,713,637	387,524,842	72,004,849	0	459,529,691	
2031	1,911,500	0	26,338,107	1,623,257	27,961,364	133,258,449	235					

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2009	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,539	1,341,244	(650,705)	(5,406,726)	
1964	1,260,042	1,305,950	(45,908)	(364,651)	
1965	2,179,810	701,706	1,478,104	11,223,423	
1966	3,898,819	4,340,884	(442,065)	(3,208,795)	
1967	7,691,085	5,655,301	2,035,784	14,126,100	
1968	14,340,331	14,116,546	223,785	1,484,420	
1969	21,850,137	22,407,937	(557,800)	(3,537,037)	
1970	28,982,865	30,498,028	(1,515,163)	(9,184,495)	
1971	37,229,879	29,828,838	7,401,041	42,886,824	
1972	44,047,132	42,837,315	1,209,817	6,701,711	
1973	46,283,635	51,669,401	(5,385,766)	(28,519,951)	
1974	48,306,053	53,551,716	(5,245,663)	(26,554,413)	
1975	49,268,119	50,188,747	(920,628)	(4,455,082)	
1976	50,120,026	50,307,059	(187,033)	(865,214)	
1977	50,809,655	50,661,074	148,581	657,060	
1978	51,408,868	51,529,164	(120,296)	(508,542)	
1979	52,212,368	52,345,224	(132,856)	(536,901)	
1980	53,618,983	53,914,935	(295,952)	(1,143,323)	
1981	56,648,010	75,249,805	(18,601,795)	(68,696,865)	
1982	57,445,385	38,187,869	19,257,516	67,985,680	
1983	59,017,274	60,817,092	(1,799,818)	(6,074,084)	
1984	60,292,946	83,435,446	(23,142,500)	(74,661,660)	
1985	61,123,708	63,296,684	(2,172,976)	(6,701,583)	
1986	61,645,242	61,886,291	(241,049)	(710,661)	
1987	62,073,455	63,080,185	(1,006,730)	(2,837,302)	
1988	62,431,535	64,163,379	(1,731,844)	(4,665,912)	
1989	62,774,747	65,087,315	(2,312,568)	(5,956,036)	
1990	63,740,657	65,283,556	(1,542,899)	(3,798,703)	
1991	64,655,258	66,131,997	(1,476,739)	(3,475,656)	
1992	65,753,902	66,758,567	(1,004,665)	(2,260,422)	
1993	66,882,231	64,717,201	2,165,030	4,656,581	
1994	68,463,303	65,951,956	2,511,347	5,163,510	
1995	69,349,936	67,571,491	1,778,445	3,495,537	
1996	70,227,179	67,559,395	2,667,784	5,012,556	
1997	71,506,673	69,403,422	2,103,251	3,777,764	
1998	72,258,932	70,876,436	1,382,496	2,373,792	
1999	72,892,733	71,998,795	893,938	1,467,309	
2000	73,407,341	71,926,676	1,480,665	2,323,302	
2001	73,717,085	72,688,988	1,028,097	1,542,121	
2002	73,891,014	72,995,199	895,815	1,284,511	
2003	74,203,116	72,085,522	2,117,594	2,902,665	
2004	74,439,553	72,235,512	2,204,041	2,888,078	
2005	68,331,706	66,713,059	1,618,647	2,027,574	
2006	68,667,316	64,971,648	3,695,668	4,425,400	
2007	69,400,721	65,385,113	4,015,608	4,596,699	
2008	70,049,355	67,418,461	2,630,894	2,878,944	
2009	70,716,700	67,434,698	3,282,002	3,433,236	
2010	72,498,431				7,689,214
			<b>TOTAL</b>	<b>(64,809,217)</b>	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2009	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(4,900,818)	
1969	1,295,607	1,314,941	(19,334)	(122,595)	
1970	1,624,569	2,041,108	(416,539)	(2,524,946)	
1971	2,716,584	2,845,550	(128,966)	(747,319)	
1972	8,038,463	7,857,023	181,440	1,005,077	
1973	9,890,316	8,934,684	955,632	5,060,482	
1974	11,581,491	7,472,377	4,109,114	20,801,017	
1975	13,584,548	12,965,036	619,512	2,997,928	
1976	12,862,489	15,656,909	(2,794,420)	(12,927,016)	
1977	16,203,699	15,445,746	757,953	3,351,845	
1978	17,811,770	12,906,948	4,904,822	20,734,807	
1979	16,414,289	27,062,599	(10,648,310)	(43,032,100)	
1980	20,926,898	21,561,704	(634,806)	(2,452,383)	
1981	23,731,024	14,924,917	8,806,107	32,521,161	
1982	27,994,510	36,966,205	(8,971,695)	(31,673,181)	
1983	38,953,367	49,334,929	(10,381,562)	(35,036,037)	
1984	45,597,671	45,517,432	80,239	258,866	
1985	50,064,444	56,783,089	(6,718,645)	(20,720,687)	
1986	52,858,915	30,809,854	22,049,061	65,005,136	
1987	50,737,631	51,359,647	(622,016)	(1,753,050)	
1988	51,262,231	50,654,835	607,396	1,636,439	
1989	52,638,942	69,131,749	(16,492,807)	(42,477,353)	
1990	61,053,824	47,212,462	13,841,362	34,078,213	
1991	60,874,529	59,177,025	1,697,504	3,995,249	
1992	67,460,598	72,160,742	(4,700,144)	(10,574,974)	
1993	68,749,547	62,491,809	6,257,738	13,459,244	
1994	63,898,029	72,700,847	(8,802,818)	(18,099,231)	
1995	68,079,888	65,023,889	3,055,999	6,006,573	
1996	72,757,439	68,296,146	4,461,293	8,382,419	
1997	75,655,465	82,662,153	(7,006,688)	(12,585,093)	
1998	80,540,695	77,734,742	2,805,953	4,817,915	
1999	85,251,444	94,936,960	(9,685,516)	(15,897,787)	
2000	81,710,522	103,431,917	(21,721,395)	(34,082,912)	
2001	93,182,592	61,532,014	31,650,578	47,475,083	
2002	85,097,806	88,214,191	(3,116,385)	(4,468,588)	
2003	83,214,491	113,391,880	(30,177,389)	(41,365,278)	
2004	100,902,786	77,477,460	23,425,326	30,695,523	
2005	79,927,978	58,088,434	21,839,544	27,356,974	
2006	79,174,663	83,620,114	(4,445,451)	(5,323,233)	
2007	105,337,973	76,223,977	29,113,996	33,327,023	
2008	113,490,650	117,915,033	(4,424,383)	(4,841,528)	
2009	108,912,680	113,674,304	(4,761,624)	(4,981,043)	
2010	111,182,999				123,562,821
			Total	12,379,822	
Monterey Amendment Litigation charges:					482,051
Delta Habitat Conservation and Conveyance Program charges:					15,953,554
Net Minimum Charges:					<u>139,998,426</u>

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2009	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	605,751	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,042,691)	
1974	277,717	1,872,297	1,753,039	119,258	603,703	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,336,057)	
1976	618,451	5,485,263	4,952,315	532,948	2,465,424	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,498,430)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(17,559,282)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	32,304,364	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(13,167,963)	
1981	795,846	10,862,932	8,679,376	2,183,556	8,063,924	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(5,281,200)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(10,129,161)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	839,447	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(27,606,226)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(16,368,321)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(30,840,893)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	14,806,124	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	38,221,808	
1990	1,396,423	30,759,725	24,090,472	6,669,253	16,420,077	
1991	391,447	184,870	20,546,087	(20,361,217)	(47,922,207)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	11,626,411	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	51,767,203	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(12,725,446)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	6,194,882	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(11,714,522)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	7,226,459	
1998	410,065	(14,440,371)	(8,107,455)	(6,332,916)	(10,873,830)	
1999	852,617	(10,520,287)	(8,535,154)	(1,985,133)	(3,258,393)	
2000	1,522,412	(14,676,247)	39,588,478	(54,264,725)	(85,146,459)	
2001	970,869	160,070,513	94,286,088	65,784,425	98,675,008	
2002	1,408,919	60,681,496	68,188,773	(7,507,277)	(10,764,693)	
2003	1,649,639	94,646,001	83,653,491	10,992,510	15,067,846	
2004	1,582,735	104,912,701	92,165,160	12,747,541	16,703,820	
2005	1,528,045	110,580,524	112,260,560	(1,680,036)	(2,104,472)	
2006	1,512,186	85,999,999	115,053,660	(29,053,661)	(34,790,483)	
2007	1,350,477	146,465,017	174,436,941	(27,971,924)	(32,019,684)	
2008	715,069	94,784,317	68,521,113	26,263,204	28,739,388	
2009	915,607	117,579,690	96,192,078	21,387,612	22,373,155	
2010	1,711,500	199,395,191				194,949,572
				TOTAL	(4,445,619)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2010

Transportation Charges

Transportation Components	Calculated 1/1/2009	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	72,498,431	7,689,214	(64,809,217)
Capital Cost Component difference to be amortized			(64,809,217)
Divided by remaining water deliveries 1/			29,943,176 *
Unit rate for amortizing difference 2/			(2.164407)
Unit rate applied to 2010 deliveries of		1,911,500 acre feet	(4,137,264)
Plus calculated 2010 Capital Cost Component			72,498,431
Adjusted Capital Cost Component			68,361,167

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1/ Reduced to present worth at 4.608%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet



STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2009	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,638)	
1989	8,978,504	8,991,417	(12,913)	(34,869)	
1990	8,983,597	9,020,145	(36,548)	(90,649)	
1991	8,983,717	9,009,739	(26,022)	(59,524)	
1992	17,989,315	18,053,820	(64,505)	(137,618)	
1993	18,742,682	18,754,578	(11,896)	(24,117)	
1994	18,591,099	18,705,728	(114,629)	(222,387)	
1995	18,556,603	16,729,731	1,826,872	3,383,294	
1996	18,647,406	20,262,394	(1,614,988)	(2,825,703)	
1997	19,545,322	19,141,671	403,651	668,748	
1998	19,966,108	19,092,267	873,841	1,370,415	
1999	20,947,475	20,301,335	646,140	959,474	
2000	22,957,586	17,085,146	5,872,440	8,286,064	
2001	22,965,748	31,847,016	(8,881,268)	(11,778,101)	
2002	22,425,319	22,276,589	148,730	188,089	
2003	19,087,337	22,768,985	(3,681,648)	(4,535,350)	
2004	20,695,237	19,038,306	1,656,931	2,006,430	
2005	15,295,938	17,204,043	(1,908,105)	(2,273,257)	
2006	21,996,927	17,589,839	4,407,088	5,097,196	
2007	21,205,489	20,041,387	1,164,102	1,286,589	
2008	19,897,390	21,870,151	(1,972,761)	(2,073,547)	
2009	30,624,083	30,275,144	348,939	355,579	
2010	30,609,983 *				30,146,101
				(463,882)	

\* Included in the 2010 calculated component is \$6,120,881 for East Branch Enlargement Bond Cover and \$3,440,228 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2009	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(197,930)	
1992	0	339,060	(339,060)	(723,368)	
1993	0	(68,950)	68,950	139,784	
1994	2,174,776	(213,745)	2,388,521	4,633,869	
1995	1,895,643	2,839,696	(944,053)	(1,748,349)	
1996	1,990,213	2,810,767	(820,554)	(1,435,702)	
1997	2,642,077	1,296,887	1,345,190	2,228,640	
1998	2,915,152	1,850,818	1,064,334	1,669,159	
1999	1,599,081	3,847,978	(2,248,897)	(3,339,458)	
2000	2,822,737	2,949,526	(126,789)	(178,900)	
2001	2,138,941	13,032,437	(10,893,496)	(14,446,664)	
2002	2,738,483	(5,934,164)	8,672,647	10,967,743	
2003	3,229,225	1,352,030	1,877,195	2,312,480	
2004	3,487,374	3,040,705	446,669	540,885	
2005	3,286,255	2,605,075	681,180	811,537	
2006	3,354,656	4,317,052	(962,396)	(1,113,098)	
2007	5,100,357	4,321,833	778,524	860,440	
2008	6,095,246	3,665,831	2,429,415	2,553,531	
2009	4,336,328	7,003,623	(2,667,295)	(2,803,564)	
2010	4,471,330				5,202,365
				731,035	

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2010  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>		<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>	
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	122,927	13.84111380	1,701,447
East Branch Reach 26A, 28H and 28J VEBX-R1	663,998	132.71490280	88,122,430
	95,000	132.71490280	12,607,916
West Branch Reach 30	829,575	116.88322120	96,963,398
		Sub total	199,395,191
			Net adjustment per redetermination of pre-2010 charges 2/ (4,445,619)
			Estimated Year 2010 Replacement Accounting System (RAS) Charges 2/ 6,337,715
			Prior years RAS over and under adjustments 2/ 809,851
			<u><u>202,097,138</u></u>
Total Estimated 2010 Charges			<u><u>202,097,138</u></u>

1/ Derived by dividing column (4) by column (2).  
 2/ Will be applied 1/12 monthly to the actual 2010  
 water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California**  
(in dollars)

Year	Capital Cost Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	30,275,144	7,003,623	37,278,767
2010	30,146,101	5,202,365	35,348,466
2011	31,471,478	4,804,573	36,276,051
2012	31,524,245	4,804,573	36,328,818
2013	31,200,293	4,804,573	36,004,866
2014	31,397,149	4,804,573	36,201,722
2015	32,220,475	4,804,573	37,025,048
2016	32,307,145	4,804,573	37,111,718
2017	33,078,343	4,804,573	37,882,916
2018	32,292,493	4,804,573	37,097,066
2019	33,249,645	4,804,573	38,054,218
2020	31,768,142	4,804,573	36,572,715
2021	32,436,074	4,804,573	37,240,647
2022	32,136,824	4,804,573	36,941,397
2023	26,815,110	4,804,573	31,619,683
2024	27,712,941	4,804,573	32,517,514
2025	31,624,672	4,804,573	36,429,245
2026	11,728,776	4,804,573	16,533,349
2027	11,996,380	4,804,573	16,800,953
2028	7,793,469	4,804,573	12,598,042
2029	8,110,607	4,804,573	12,915,180
2030	0	4,804,573	4,804,573
2031	0	4,804,573	4,804,573
2032	0	4,804,573	4,804,573
2033	0	4,804,573	4,804,573
2034	0	4,804,573	4,804,573
2035	0	4,804,573	4,804,573
<b>Total</b>	<b>947,625,965</b>	<b>174,459,678</b>	<b>1,122,085,643</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Charge \1  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	944,504
2006	1,493,836
2007	1,534,667
2008	1,914,859
2009	1,937,973
2010	1,937,973
Total	21,925,291

- Under the Municipal Water Quality Agreement executed in 1994, 1997, 2003, 2006, and 2008, these charges are included in the annual Statements of Charges under the Transportation minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2007	1,388,732
2008	1,376,523
2009	688,188
2010	-
Total	3,453,443

1. Total BDCP costs are included in Attachment 4B Calculated Component and invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 9  
June 30, 2009

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Delta Habitat Conservation and Conveyance Program Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	15,540,492
2010	15,953,554
Total	33,100,759

1. Total DHCCP costs are included as a line item in Attachment 4B and invoiced 1/12th per month in Attachment 1 as part of the Minimum

Attachment 10  
June 30, 2009

## FOOTNOTES

### Attachment 4A

- 1/ From Table B-15 of Appendix B to Bulletin 132-09, "Management of the California State Water Project".
- 2/ Payments in 2009 are assumed to be equal to those amounts shown on the Statement of Charges for 2009.

### Attachment 4B

- 1/ From Table B-16 of Appendix B to Bulletin 132-09.
- 2/ Payments in 2009 are assumed to be equal to those amounts shown on the Statement of Charges for 2009.

### Attachment 4C

- 1/ From Table B-5a of Appendix B to Bulletin 132-09.
- 2/ From Table B-18 of Appendix B to Bulletin 132-09.
- 3/ Payments in 2009 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1+i)^n$ , where "i" equals the current project interest rate of 4.608 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	48	8.69190853	1986	24	2.94820429
1963	47	8.30902849	1987	23	2.81833539
1964	46	7.94301439	1988	22	2.69418725
1965	45	7.59312327	1989	21	2.57550784
1966	44	7.25864491	1990	20	2.46205629
1967	43	6.93890038	1991	19	2.35360230
1968	42	6.63324065	1992	18	2.24992572
1969	41	6.34104529	1993	17	2.15081611
1970	40	6.06172118	1994	16	2.05607230
1971	39	5.79470134	1995	15	1.96550197
1972	38	5.53944377	1996	14	1.87892128
1973	37	5.29543034	1997	13	1.79615448
1974	36	5.06216574	1998	12	1.71703357
1975	35	4.83917649	1999	11	1.64139795
1976	34	4.62600995	2000	10	1.56909410
1977	33	4.42223343	2001	9	1.49997524
1978	32	4.22743331	2002	8	1.43390108
1979	31	4.04121416	2003	7	1.37073749
1980	30	3.86319800	2004	6	1.31035628
1981	29	3.69302347	2005	5	1.25263486
1982	28	3.53034517	2006	4	1.19745609
1983	27	3.37483287	2007	3	1.14470794
1984	26	3.22617091	2008	2	1.09428337
1985	25	3.08405754	2009	1	1.04608000

- 6/ Derived by adding the sum of items shown in Column (5) to the 2010 calculated component shown in Column (2).



**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 942360001  
(916) 653-5791



December 31, 2009

Mr. Stephen N. Arakawa, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District  
of Southern California  
Post Office Box 54153  
Los Angeles, California 90054-0153

Dear Mr. Arakawa:

Enclosed are revisions to the 2010 Statement of Charges. Below is a summary of the changes by component. Please note that not all changes apply to every contractor.

1. Delta Water Charges (*applies to all contractors*):
  - a. corrected escalation factors used in calculating three-year average
  - b. included capital and minimum FERC Settlement Agreement costs for 2009 through 2013.
  - c. included Delta Fish Agreement Amendment Four capital and minimum costs for 2010 and 2011
  - d. updated Oroville power revenues
  - e. projected 2009 capital costs for Oroville Wildlife Area Emergent Wetland Creation
2. Transportation Minimum Charges (*applies to contractors with Transportation Minimum*):
  - a. corrected escalation factors used in calculating three-year average
  - b. recalculated variable downstream costs
  - c. redistributed programs allocated to Coastal Branch Extension Reaches
  - d. true-up of historical costs
3. Transportation Capital Charges reflect:
  - a. true-up of historical costs, including costs not previously allocated (*applies to all contractors*)
  - b. the 14,000 AF permanent Table A transfer between Dudley and Mojave; 7,000 acre-feet in 2010 (*applies to Dudley and Mojave*)

Mr. Stephen N. Arakawa, Group Manager  
December 31, 2009  
Page 2

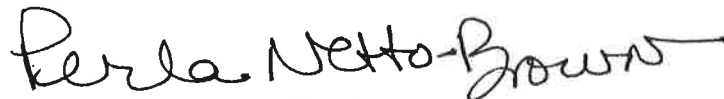
4. Off-Aqueduct Power Charges reflect (*applies to all contractors except Upper Feather area contractors*):
  - a. the change in reach deliveries that resulted from the Dudley-Mojave Table A transfer
  - b. corrected water delivery projections for Kern County Water Agency
5. East Branch Enlargement Minimum Charges reflect (*applies to East Branch Enlargement contractors*):
  - a. corrected factors used in calculating three-year average
  - b. true-up of historical costs
6. Included is an adjustment for the Water System Revenue Bond Surcharge which reflects the impact of the Dudley-Mojave permanent Table A transfer (*applies to Dudley and Mojave*)
7. 2010 Rate Management Credits reflect the Transportation and Conservation Charges (*applies to all contractors except Plumas and Empire*)

Transportation Variable Charges are being analyzed; revised Attachments 4C and 5 will be forwarded to you in the first quarter of 2010.

A copy of Attachment 3, which summarizes Tables A, C, D, E, F and G of the Water Supply Contract will also be forwarded to you in the first quarter of 2010.

If you have any questions concerning these charges, please contact Lisa Toms of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

Ms. Kathleen M. Cole  
Executive Legislative Representative  
The Metropolitan Water District  
of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814-3974

Mr. Brad L. Hiltcher  
Executive Legislative Representative  
The Metropolitan Water District  
of Southern California  
500 New Jersey Avenue NW, Suite 500  
Washington, DC 20001-2006

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 10-014-T-Revised

Date: December 31, 2009

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,085,989	\$ 6,450,963	\$ 11,081,204	\$ 26,946,144	\$ 3,923,263	\$ 11,356,347	\$ 70,843,910
February 1					3,923,263	11,356,347	15,279,610
March 1					3,923,263	11,356,346	15,279,609
April 1					3,923,263	11,356,346	15,279,609
May 1					3,923,262	11,356,346	15,279,608
June 1					3,923,262	11,356,346	15,279,608
July 1	11,085,988	6,450,962	11,081,203	26,946,143	3,923,262	11,356,346	70,843,904
August 1					3,923,262	11,356,346	15,279,608
September 1					3,923,262	11,356,346	15,279,608
October 1					3,923,262	11,356,346	15,279,608
November 1					3,923,262	11,356,346	15,279,608
December 1					3,923,262	11,356,346	15,279,608
<b>Total:</b>	<b>\$ 22,171,977</b>	<b>\$ 12,901,925</b>	<b>\$ 22,162,407</b>	<b>\$ 53,892,287</b>	<b>\$ 47,079,148</b>	<b>\$ 136,276,154</b>	<b>\$ 294,483,898</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$13.45942798
- B/ 1,911,500 acre feet @ \$24.62942597
- C/ Charges under the Capital Cost Component have been reduced by:  
     Urban Rate Reduction Credit (\$11,062,248)  
     Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2010

Invoice No: 10-002-DCC-Revised

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Date: December 31, 2009

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,508,670	\$ 298,027	\$ 219,091	\$ 4,025,788
February 1		298,027	219,091	517,118
March 1		298,027	219,091	517,118
April 1		298,027	219,091	517,118
May 1		298,027	219,091	517,118
June 1		298,026	219,091	517,117
July 1	3,508,670	298,026	219,091	4,025,787
August 1		298,026	219,090	517,116
September 1		298,026	219,090	517,116
October 1		298,026	219,090	517,116
November 1		298,026	219,090	517,116
December 1		298,026	219,090	517,116
<b>Total:</b>	<b>\$ 7,017,340</b>	<b>\$ 3,576,317</b>	<b>\$ 2,629,087</b>	<b>\$ 13,222,744</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2010  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$35,073,902	\$35,073,902
CAPITAL COST COMPONENT:		
Delta Water Charge	\$25,727,697	\$25,727,697
Less Urban Rate Reduction Credit	<u>3,565,290</u>	<u>3,565,290</u>
Transportation Charge	68,406,585	68,406,585
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,017,340
Less Urban Rate Reduction Credit	<u>7,496,958</u>	<u>7,496,958</u>
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	47,079,148	47,079,148
Transportation Charge	142,481,558	142,481,558
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		<u>6,205,404</u>
Subtotal:		<u>\$294,483,898</u>
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,017,340
OPERATION AND MAINTENANCE		<u>6,205,404</u>
Subtotal:		<u>\$13,222,744</u>
<b>Total charges for Calendar Year 2010:</b>	<b><u>\$307,706,642</u></b>	<b><u>\$307,706,642</u></b>

A/ In compliance with Article 22.

Attachment 1B  
Revised December 31, 2009

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CA**

**IN 2010**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract</u> <u>Charges A/</u> (2)	<u>Urban Rate Reduction</u> <u>Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$25,727,697	(\$3,565,290)	\$22,162,407
Transportation Charge	61,389,245	(7,496,958)	53,892,287
Total	<u>\$87,116,942</u>	<u>(\$11,062,248)</u>	<u>\$76,054,694</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 10-013-O-Revised

Date: December 31, 2009

Contract No: 160157

[in dollars]

<u>Due on or Before</u>	<u>Debt Service</u>	<u>Cover</u>	<u>Maintenance</u>	<u>Amount</u>
January 1	\$2,998,512	\$749,629	\$3,961,639	\$7,709,780
February 1	2,998,512	749,628	3,961,639	7,709,779
March 1	2,998,512	749,628	3,961,639	7,709,779
April 1	2,998,512	749,628	3,961,639	7,709,779
May 1	2,998,512	749,628	3,961,638	7,709,778
June 1	2,998,512	749,628	3,961,638	7,709,778
July 1	2,998,512	749,628	3,961,638	7,709,778
August 1	2,998,512	749,628	3,961,638	7,709,778
September 1	2,998,511	749,628	3,961,638	7,709,777
October 1	2,998,511	749,628	3,961,638	7,709,777
November 1	2,998,511	749,628	3,961,638	7,709,777
December 1	2,998,511	749,628	3,961,638	7,709,777
<b>Total:</b>	<u><u>\$35,982,140</u></u>	<u><u>\$8,995,537</u></u>	<u><u>\$47,539,660</u></u>	<u><u>\$92,517,337</u></u>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2010

Mr. Stephen N. Arakawa, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 10-004-E-Revised

Date: December 31, 2009

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				363,565	363,565
February 1				363,565	363,565
March 1	6,018,846	3,060,441	1,009,156	363,565	10,452,008
April 1				363,565	363,565
May 1				363,565	363,565
June 1				363,565	363,565
July 1				363,565	363,565
August 1				363,565	363,565
September 1	14,566,146	3,060,440	2,431,072	363,565	20,421,223
October 1				363,565	363,565
November 1				363,564	363,564
December 1				363,564	363,564
<b>Total:</b>	<b>\$ 20,584,992</b>	<b>\$ 6,120,881</b>	<b>\$ 3,440,228</b>	<b>\$ 4,362,778</b>	<b>\$ 34,508,879</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2009	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,539	1,341,244	(650,705)	(5,406,726)	
1964	1,260,042	1,305,950	(45,908)	(364,651)	
1965	2,179,810	701,706	1,478,104	11,223,423	
1966	3,898,819	4,340,884	(442,065)	(3,208,795)	
1967	7,691,085	5,655,301	2,035,784	14,126,100	
1968	14,340,331	14,116,546	223,785	1,484,420	
1969	21,850,137	22,407,937	(557,800)	(3,537,037)	
1970	28,982,865	30,498,028	(1,515,163)	(9,184,495)	
1971	37,229,879	29,828,838	7,401,041	42,886,824	
1972	44,047,132	42,837,315	1,209,817	6,701,711	
1973	46,283,635	51,669,401	(5,385,766)	(28,519,951)	
1974	48,306,053	53,551,716	(5,245,663)	(26,554,413)	
1975	49,268,119	50,188,747	(920,628)	(4,455,082)	
1976	50,120,026	50,307,059	(187,033)	(865,214)	
1977	50,809,655	50,661,074	148,581	657,060	
1978	51,408,868	51,529,164	(120,296)	(508,542)	
1979	52,212,368	52,345,224	(132,856)	(536,901)	
1980	53,618,983	53,914,935	(295,952)	(1,143,323)	
1981	56,648,010	75,249,805	(18,601,795)	(68,696,865)	
1982	57,445,385	38,187,869	19,257,516	67,985,680	
1983	59,017,274	60,817,092	(1,799,818)	(6,074,084)	
1984	60,292,946	83,435,446	(23,142,500)	(74,661,660)	
1985	61,123,708	63,296,684	(2,172,976)	(6,701,583)	
1986	61,645,242	61,886,291	(241,049)	(710,661)	
1987	62,073,455	63,080,185	(1,006,730)	(2,837,302)	
1988	62,431,535	64,163,379	(1,731,844)	(4,665,912)	
1989	62,774,747	65,087,315	(2,312,568)	(5,956,036)	
1990	63,740,657	65,283,556	(1,542,899)	(3,798,703)	
1991	64,655,258	66,131,997	(1,476,739)	(3,475,656)	
1992	65,753,902	66,758,567	(1,004,665)	(2,260,422)	
1993	66,882,231	64,717,201	2,165,030	4,656,581	
1994	68,463,303	65,951,956	2,511,347	5,163,510	
1995	69,349,936	67,571,491	1,778,445	3,495,537	
1996	70,227,179	67,559,395	2,667,784	5,012,556	
1997	71,506,673	69,403,422	2,103,251	3,777,764	
1998	72,258,932	70,876,436	1,382,496	2,373,792	
1999	72,892,733	71,998,795	893,938	1,467,309	
2000	73,407,341	71,926,676	1,480,665	2,323,302	
2001	73,717,085	72,688,988	1,028,097	1,542,121	
2002	73,891,014	72,995,199	895,815	1,284,511	
2003	74,203,116	72,085,522	2,117,594	2,902,665	
2004	74,439,553	72,235,512	2,204,041	2,888,078	
2005	68,331,706	66,713,059	1,618,647	2,027,574	
2006	68,667,316	64,971,648	3,695,668	4,425,400	
2007	69,397,134	65,385,113	4,012,021	4,592,592	
2008	70,056,338	67,418,461	2,637,877	2,886,585	
2009	70,759,064	67,434,698	3,324,366	3,477,552	
2010	72,540,794				7,779,427
			<b>TOTAL</b>	<b>(64,761,367)</b>	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2009	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(4,900,818)	
1969	1,295,607	1,314,941	(19,334)	(122,595)	
1970	1,624,569	2,041,108	(416,539)	(2,524,946)	
1971	2,716,584	2,845,550	(128,966)	(747,319)	
1972	8,038,463	7,857,023	181,440	1,005,077	
1973	9,890,316	8,934,684	955,632	5,060,482	
1974	11,581,491	7,472,377	4,109,114	20,801,017	
1975	13,584,548	12,965,036	619,512	2,997,928	
1976	12,862,489	15,656,909	(2,794,420)	(12,927,016)	
1977	16,203,699	15,445,746	757,953	3,351,845	
1978	17,811,770	12,906,948	4,904,822	20,734,807	
1979	16,414,289	27,062,599	(10,648,310)	(43,032,100)	
1980	20,926,898	21,561,704	(634,806)	(2,452,383)	
1981	23,731,024	14,924,917	8,806,107	32,521,161	
1982	27,994,510	36,966,205	(8,971,695)	(31,673,181)	
1983	38,953,367	49,334,929	(10,381,562)	(35,036,037)	
1984	45,597,671	45,517,432	80,239	258,866	
1985	50,064,444	56,783,089	(6,718,645)	(20,720,687)	
1986	52,858,915	30,809,854	22,049,061	65,005,136	
1987	50,737,631	51,359,647	(622,016)	(1,753,050)	
1988	51,262,231	50,654,835	607,396	1,636,439	
1989	52,638,942	69,131,749	(16,492,807)	(42,477,353)	
1990	61,053,824	47,212,462	13,841,362	34,078,213	
1991	60,874,529	59,177,025	1,697,504	3,995,249	
1992	67,460,598	72,160,742	(4,700,144)	(10,574,974)	
1993	68,749,547	62,491,809	6,257,738	13,459,244	
1994	63,898,029	72,700,847	(8,802,818)	(18,099,231)	
1995	68,079,888	65,023,889	3,055,999	6,006,573	
1996	72,757,439	68,296,146	4,461,293	8,382,419	
1997	75,655,465	82,662,153	(7,006,688)	(12,585,093)	
1998	80,540,695	77,734,742	2,805,953	4,817,915	
1999	85,251,444	94,936,960	(9,685,516)	(15,897,787)	
2000	82,627,756	103,431,917	(20,804,161)	(32,643,686)	
2001	93,022,269	61,532,014	31,490,255	47,234,603	
2002	85,797,982	88,214,191	(2,416,209)	(3,464,605)	
2003	83,745,243	113,391,880	(29,646,637)	(40,637,757)	
2004	101,265,300	77,477,460	23,787,840	31,170,545	
2005	79,493,526	58,088,434	21,405,092	26,812,765	
2006	77,214,377	83,620,114	(6,405,737)	(7,670,589)	
2007	106,622,077	76,223,977	30,398,100	34,796,946	
2008	114,625,444	117,915,033	(3,289,589)	(3,599,742)	
2009	109,144,794	113,674,304	(4,529,510)	(4,738,231)	
2010	110,197,903				126,045,953
			Total	15,848,050	
Monterey Amendment Litigation charges:					482,051
Delta Habitat Conservation and Conveyance Program charges:					15,953,554
Net Minimum Charges:					<u>142,481,558</u>

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2010

Transportation Components	Transportation Charges		
	Calculated 1/1/2009	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	72,540,794	7,779,427	(64,761,367)
Capital Cost Component difference to be amortized			(64,761,367)
Divided by remaining water deliveries 1/			29,943,176 *
Unit rate for amortizing difference 2/			(2.162809)
Unit rate applied to 2010 deliveries of		1,911,500 acre feet	(4,134,209)
Plus calculated 2010 Capital Cost Component			<u>72,540,794</u>
Adjusted Capital Cost Component			<u><u>68,406,585</u></u>

1/ Reduced to present worth at 4.608%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2009	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(197,021)	
1992	0	339,060	(339,060)	(720,046)	
1993	0	(68,950)	68,950	139,142	
1994	2,174,776	(213,745)	2,388,521	4,612,588	
1995	1,895,643	2,839,696	(944,053)	(1,740,319)	
1996	1,990,213	2,810,767	(820,554)	(1,429,109)	
1997	2,642,077	1,296,887	1,345,190	2,218,405	
1998	2,915,152	1,850,818	1,064,334	1,661,493	
1999	1,599,081	3,847,978	(2,248,897)	(3,324,121)	
2000	2,772,722	2,949,526	(176,804)	(248,326)	
2001	2,137,763	13,032,437	(10,894,674)	(14,381,871)	
2002	2,731,665	(5,934,164)	8,665,829	10,908,790	
2003	3,224,956	1,352,030	1,872,926	2,296,625	
2004	3,486,750	3,040,705	446,045	537,649	
2005	3,192,292	2,605,075	587,217	696,379	
2006	3,268,570	4,317,052	(1,048,482)	(1,207,095)	
2007	4,787,683	4,321,833	465,850	512,502	
2008	6,000,790	3,665,831	2,334,959	2,442,978	
2009	4,336,328	7,003,623	(2,667,295)	(2,790,688)	
2010	4,374,823				4,362,778
				(12,045)	

**East Branch Enlargement Facilities**  
**Transportation Charge for**  
**The Metropolitan Water District of Southern California**  
(in dollars)

Year	Capital Cost Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	30,275,144	7,003,623	37,278,767
2010	30,146,101	4,362,778	34,508,879
2011	31,471,478	4,600,952	36,072,430
2012	31,524,245	4,646,962	36,171,207
2013	31,200,293	4,693,432	35,893,725
2014	31,397,149	4,740,366	36,137,515
2015	32,220,475	4,787,770	37,008,245
2016	32,307,145	4,835,647	37,142,792
2017	33,078,343	4,884,004	37,962,347
2018	32,292,493	4,932,844	37,225,337
2019	33,249,645	4,982,172	38,231,817
2020	31,768,142	5,031,994	36,800,136
2021	32,436,074	5,082,314	37,518,388
2022	32,136,824	5,133,137	37,269,961
2023	26,815,110	5,184,468	31,999,578
2024	27,712,941	5,236,313	32,949,254
2025	31,624,672	5,288,676	36,913,348
2026	11,728,776	5,341,563	17,070,339
2027	11,996,380	5,394,979	17,391,359
2028	7,793,469	5,448,928	13,242,397
2029	8,110,607	5,503,418	13,614,025
2030	0	5,558,452	5,558,452
2031	0	5,614,036	5,614,036
2032	0	5,670,177	5,670,177
2033	0	5,726,878	5,726,878
2034	0	5,784,147	5,784,147
2035	0	5,841,989	5,841,989
<b>Total</b>	<b>947,625,965</b>	<b>183,451,384</b>	<b>1,131,077,349</b>

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2007	1,388,732
2008	1,376,523
2009	688,188
2010	916,348
Total	4,369,791

1. Total BDCP costs are included in Attachment 4B Calculated Component and invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 9  
Revised December 31,2009

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 942360001  
(916) 653-5791



April 6, 2010

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District  
of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

Enclosed are revisions to your 2010 Statement of Charges, dated July 1, 2009. Also enclosed are the revisions to the 2010 Statement of Charges, dated December 31, 2009. These revised statements include the following changes:

- Attachment 3, which summarizes Tables A, C, D, E, F, and G of the State Water Supply Contract, is included.
- The transportation variable component was revised on Attachments 4C and 5 to reflect updated power studies from 2000 through 2008.
- The Water System Revenue Bond (WSRB) Surcharge and Cover component on your Attachment 1 ("T" invoice) has been revised to reflect the reclassification of the On-Aqueduct cover from the Surcharge component to the Cover component. This reclassification results in a net zero effect on your 2010 WSRB charges.
- The Transportation Capital component on Attachment 1 ("T" invoice) and the Devil Canyon Castaic debt service component on Attachment 1A ("DCC" invoice), 1B, and 1C have been revised to reflect a reclassification of Debt service for the Devil Canyon Castaic facilities. This results in a net zero effect on your 2010 payments between the "T" and "DCC" invoice.

Please note that all other attachments of the 2010 Statement of charges are still valid.



Mr. Devendra N. Upadhyay, Group Manager  
April 6, 2010  
Page 2

If you have any questions concerning this information please contact Lisa Toms of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script, appearing to read "P. Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list.)

Ms. Kathleen M. Cole  
Executive Legislative Representative  
Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Mr. Brad Hiltcher  
Executive Legislative Representative  
Metropolitan Water District of Southern California  
500 New Jersey Avenue NW, 5<sup>th</sup> Floor  
Washington, DC 20001-2006

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2010

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 10-014-T-Revised

Date: March 31, 2010

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 10,120,473	\$ 7,416,479	\$ 11,081,204	\$ 26,794,403	\$ 3,923,263	\$ 11,356,347	\$ 70,692,169
February 1					3,923,263	11,356,347	15,279,610
March 1					3,923,263	11,356,346	15,279,609
April 1					3,923,263	11,356,346	15,279,609
May 1					3,923,262	11,356,346	15,279,608
June 1					3,923,262	11,356,346	15,279,608
July 1	10,120,471	7,416,479	11,081,203	26,794,403	3,923,262	11,356,346	70,692,164
August 1					3,923,262	11,356,346	15,279,608
September 1					3,923,262	11,356,346	15,279,608
October 1					3,923,262	11,356,346	15,279,608
November 1					3,923,262	11,356,346	15,279,608
December 1					3,923,262	11,356,346	15,279,608
<b>Total:</b>	<b>\$ 20,240,944</b>	<b>\$ 14,832,958</b>	<b>\$ 22,162,407</b>	<b>\$ 53,588,806</b>	<b>\$ 47,079,148</b>	<b>\$ 136,276,154</b>	<b>\$ 294,180,417</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$13.45942798
- B/ 1,911,500 acre feet @ \$24.62942597
- C/ Charges under the Capital Cost Component have been reduced by:  
     Urban Rate Reduction Credit (\$11,062,248)  
     Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2010

Invoice No: 10-002-DCC-Revised

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Date: March 31, 2010

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,660,411	\$ 298,027	\$ 219,091	\$ 4,177,529
February 1		298,027	219,091	517,118
March 1		298,027	219,091	517,118
April 1		298,027	219,091	517,118
May 1		298,027	219,091	517,118
June 1		298,026	219,091	517,117
July 1	3,660,410	298,026	219,091	4,177,527
August 1		298,026	219,090	517,116
September 1		298,026	219,090	517,116
October 1		298,026	219,090	517,116
November 1		298,026	219,090	517,116
December 1		298,026	219,090	517,116
<b>Total:</b>	<b>\$ 7,320,821</b>	<b>\$ 3,576,317</b>	<b>\$ 2,629,087</b>	<b>\$ 13,526,225</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)

B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2010  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$35,073,902	\$35,073,902
CAPITAL COST COMPONENT:		
Delta Water Charge	\$25,727,697	\$25,727,697
Less Urban Rate Reduction Credit	3,565,290	22,162,407
Transportation Charge	68,406,585	68,406,585
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,320,821
Less Urban Rate Reduction Credit	7,496,958	60,909,627
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	47,079,148	47,079,148
Transportation Charge	142,481,558	142,481,558
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,205,404
Subtotal:		\$294,180,417
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,320,821
OPERATION AND MAINTENANCE		6,205,404
Subtotal:		\$13,526,225
<b>Total charges for Calendar Year 2010:</b>	<b>\$307,706,642</b>	<b>\$307,706,642</b>

A/ In compliance with Article 22.

Attachment 1B  
Revised March 31, 2010

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CA**

**IN 2010**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract</u> <u>Charges A/</u> (2)	<u>Urban Rate Reduction</u> <u>Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$25,727,697	(\$3,565,290)	\$22,162,407
Transportation Charge	61,085,764	(7,496,958)	53,588,806
Total	<u>\$86,813,461</u>	<u>(\$11,062,248)</u>	<u>\$75,751,213</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES  
**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,184,916	0	0	0	0	0	0	0	0	0	
1963	0	10,092,784	65,968	1,275,276	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,058,138	123,649	1,182,301	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,982	221,687	460,019	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,888	3,935,996	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,712	805,481	4,849,820	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,171	1,519,313	12,597,233	14,116,546	1,711,561	0	15,828,107	0	0	15,828,107	
1969	0	130,799,064	2,346,340	20,061,597	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,162,593	27,335,435	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,361,881	4,121,561	25,707,277	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,650	4,936,041	37,901,274	42,837,315	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,600	37,374,984	5,319,434	46,349,967	51,669,041	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,800	16,707,208	5,766,898	47,784,818	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,380	6,123,088	44,065,659	50,188,747	12,965,038	4,163,244	67,317,027	5,073,286	0	72,390,313	
1976	655,800	12,035,816	6,484,724	43,822,335	50,307,059	15,656,909	4,952,315	70,918,283	6,422,167	0	77,340,450	
1977	755,900	11,067,905	6,848,699	43,812,375	50,661,074	15,445,746	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,699	7,224,208	44,304,058	51,529,164	12,906,948	7,850,079	72,286,191	9,018,389	0	81,304,580	
1979	956,600	27,165,746	7,839,324	44,705,900	52,345,224	27,082,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,618	8,138,417	45,776,518	53,914,935	21,561,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,822,952	66,426,853	75,249,805	14,924,817	8,679,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,600	29,493,600	9,315,043	28,872,828	38,187,669	36,968,205	9,181,112	84,335,186	22,988,560	0	108,333,746	
1983	1,358,000	23,110,146	9,903,955	50,913,137	60,817,092	49,334,829	(5,993,116)	104,158,905	17,203,307	0	121,362,212	
1984	1,458,300	14,829,360	10,485,446	72,950,000	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	0	139,825,396	
1985	1,558,700	9,164,110	11,048,900	52,247,784	63,296,684	56,783,089	(6,788,098)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,615	11,607,647	50,278,644	61,886,291	30,809,854	6,687,441	98,383,586	25,089,658	0	123,473,244	
1987	1,759,800	6,204,066	12,184,264	50,895,921	63,080,185	51,359,647	7,935,849	122,375,681	26,095,043	0	148,470,724	
1988	1,860,400	6,203,848	12,782,881	51,360,498	64,163,379	50,654,835	(8,903,510)	105,914,704	28,781,238	2,642,354	136,338,296	
1989	1,961,000	17,262,370	13,411,029	51,676,286	65,087,315	69,131,749	(5,351,958)	128,867,106	32,505,376	4,587,641	165,960,124	
1990	2,011,500	16,019,198	14,143,577	51,139,979	65,283,556	47,212,462	24,090,472	136,586,940	33,616,369	4,037,960	174,241,269	
1991	2,011,500	18,859,032	14,907,273	51,224,724	66,131,997	59,177,025	20,546,087	145,855,109	35,676,185	6,259,893	187,791,187	
1992	2,011,500	19,184,149	15,733,052	51,025,515	66,758,572	72,160,742	(14,838,492)	124,280,817	40,763,329	8,435,312	173,479,458	
1993	2,011,500	25,797,106	16,608,881	48,110,320	64,717,201	62,491,809	(45,542,508)	81,866,502	40,859,579	8,885,273	133,611,054	
1994	2,011,500	14,175,365	17,583,147	48,368,809	65,951,956	72,700,847	10,248,885	148,901,688	39,156,173	8,926,755	197,084,616	
1995	2,011,500	14,182,954	18,515,677	49,055,814	67,571,491	85,023,889	(8,047,784)	124,547,598	41,903,674	10,539,433	176,990,705	
1996	2,011,500	19,741,116	19,497,995	48,061,400	67,559,395	68,296,146	8,093,981	143,949,522	41,195,923	12,810,361	197,355,804	
1997	2,011,500	12,059,264	20,586,187	48,817,235	69,403,422	82,662,153	(1,594,586)	140,471,009	45,548,810	13,168,230	209,188,049	
1998	2,011,500	10,062,044	21,657,213	49,219,223	70,876,436	77,734,742	(8,107,455)	150,503,723	45,855,922	12,662,268	213,921,913	
1999	2,011,500	8,103,221	22,763,119	49,235,675	71,998,794	94,936,960	(8,535,154)	158,400,600	47,422,430	17,454,851	223,277,881	
2000	2,011,500	4,735,561	23,903,964	48,022,712	71,926,676	103,431,917	39,588,478	214,947,071	48,169,576	19,805,800	242,822,447	
2001	2,011,500	2,615,653	25,062,298	47,626,690	72,688,988	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	256,177,624	
2002	2,011,500	4,777,093	26,250,409	46,744,790	72,995,199	88,214,191	68,188,773	229,398,163	48,898,394	20,091,004	278,387,561	
2003	2,011,500	2,507,003	27,524,351	44,561,171	72,085,522	113,391,880	83,653,491	269,130,893	47,869,376	20,920,403	337,920,672	
2004	2,011,500	3,218,350	28,828,467	43,407,045	72,235,512	77,477,460	92,165,160	241,878,132	47,414,032	20,941,743	369,874,130	
2005	1,911,500	5,458,403	30,205,647	36,507,412	66,713,059	58,088,434	112,260,560	237,082,053	49,246,383	19,770,593	396,819,865	
2006	1,911,500	11,680,966	31,685,386	33,286,262	64,971,648	83,620,114	115,053,860	263,845,422	47,416,073	20,330,228	431,691,723	
2007	1,911,500	10,370,251	33,345,320	32,039,793	65,385,113	76,223,977	174,438,941	316,046,031	52,126,489	17,252,866	486,075,324	
2008	1,911,500	10,853,568	35,070,725	32,347,736	67,418,461	117,915,033	68,521,113	253,854,807	53,315,217	18,177,683	525,347,703	
2009	1,911,500	26,984,815	36,897,380	30,537,318	67,434,698	113,674,304	96,192,078	277,301,080	58,286,144	36,459,792	672,047,016	
2010	1,911,500	30,133,197	39,156,176	29,250,409	68,406,585	126,045,953	180,414,125	374,866,683	72,806,844	35,073,902	825,176,747	
2011	1,911,500	85,386,659	41,626,759	28,811,489	70,438,248	108,253,642	204,256,904	382,948,794	72,806,844	37,492,692	933,540,222	
2012	1,911,500	47,730,275	45,564,533	30,760,889	76,325,422	108,309,666	194,905,576	379,540,664	72,806,844	37,533,127	933,884,141	
2013	1,911,500	1,058,022	46,246,271	30,829,361	79,075,632	109,392,761	212,224,763	400,693,156	72,806,844	39,333,217	953,033,194	
2014	1,911,500	1,058,022	49,978,521	28,659,906	78,638,427	110,486,692	215,798,016	404,923,135	72,806,844	40,726,588	968,146,163	
2015	1,911,500	1,058,022	51,434,188	26,414,643	77,848,831	111,591,558	223,286,302	412,728,691	72,806,844	42,631,543	983,467,078	
2016	1,911,500	1,058,022	52,192,290	24,110,915	76,303,205	112,707,473	228,067,232	417,077,910	72,806,844	43,018,079	999,902,033	
2017	1,911,500	1,058,022	51,000,579	21,794,605	72,795,184	113,834,546	212,802,989	396,432,719	72,806,844	42,440,390	971,478,053	
2018	1,911,500	0	46,953,173	19,564,752	66,517,925	114,972,896	234,807,672	416,298,943	72,806,844	37,914,782	991,818,162	
2019	1,911,500	0	41,916,476	17,482,239	59,398,715	116,122,622	222,093,138	397,614,475	72,806,844	40,531,444	970,854,661	
2020	1,911,500	0	37,112,633	15,626,581	52,739,214	117,283,849	225,004,019	395,027,082	72,806,844	37,518,293	949,642,224	
2021	1,911,500	0	31,087,768	14,003,543	45,091,311	118,456,686	223,919,798	387,467,795	72,806,844	37,797,397	918,161,935	
2022	1,911,500	0	26,579,858	12,637,919	39,217,777	119,641,254	226,450,602	385,309,633	72,806,844	36,652,593	884,819,004	
2023	1,911,500	0	26,321,446	11,429,823	37,751,269	120,837,667	227,552,980	386,141,916	72,806,844	36,724,242	859,728,802	
2024	1,911,500	0	25,609,574	10,238,606	35,848,380	122,040,042	227,689,948	380,584,350	72,806,844	35,418,226	833,000,424	
2025	1,911,500	0	25,929,532	9,068,197	34,997,729	123,268,504	227,075,809	385,340,042	72,806,844	32,301,530	807,971,263	
2026	1,911,500	0	26,368,363	7,881,878	34,250,241	124,499,169	226,352,145	385,101,555	72,806,844	29,477,135	787,715,300	
2027	1,911,500	0	26,963,656	6,673,804	33,637,460	125,744,160	226,192,994	385,574,614	72,806,844	32,384,535	763,311,472	
2028	1,911,500	0	27,636,212	5,437,737	33,073,949	127,001,599	225,643,402	385,718,950	72,806,844	24,978,396	740,287,290	
2029	1,911,500	0	28,127,615	4,173,068	32,300,683	128,271,619	224,687,089	385,239,391	72,806,844	27,074,998	717,314,389	
2030	1,911,500	0	28,024,865	2,892,702	30,917,567	129,554,334	223,123,834	383,595,735	72,806,844	0	696,419,579	
2031	1,911,500	0	26,372,312	1,634,471	28,006,783	130,849,879	233,801,618	392,658,280	72,806,844	0	665,465,124	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2009	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2010	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	605,751	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,042,691)	
1974	277,717	1,872,297	1,753,039	119,258	603,703	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,336,057)	
1976	618,451	5,485,263	4,952,315	532,948	2,465,424	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,498,430)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(17,559,282)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	32,304,364	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(13,167,963)	
1981	795,846	10,862,932	8,679,376	2,183,556	8,063,924	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(5,281,200)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(10,129,161)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	839,447	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(27,606,226)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(16,368,321)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(30,840,893)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	14,806,124	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	38,221,808	
1990	1,396,423	30,759,725	24,090,472	6,669,253	16,420,077	
1991	391,447	184,870	20,546,087	(20,361,217)	(47,922,207)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	11,626,411	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	51,767,203	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(12,725,446)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	6,194,882	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(11,714,522)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	7,226,459	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(11,137,225)	
1999	852,617	(10,075,868)	(8,535,154)	(1,540,714)	(2,528,925)	
2000	1,522,412	(15,838,069)	39,588,478	(55,426,547)	(86,969,468)	
2001	970,869	160,102,495	94,286,088	65,816,407	98,722,980	
2002	1,408,919	59,910,402	68,188,773	(8,278,371)	(11,870,366)	
2003	1,649,639	94,300,964	83,653,491	10,647,473	14,594,891	
2004	1,582,735	107,060,490	92,165,160	14,895,330	19,518,190	
2005	1,528,045	113,819,852	112,260,560	1,559,292	1,953,223	
2006	1,512,186	84,424,903	115,053,660	(30,628,757)	(36,676,591)	
2007	1,350,477	137,840,990	174,432,589	(36,591,599)	(41,886,694)	
2008	715,069	83,781,208	68,579,752	15,201,456	16,634,700	
2009	915,607	117,579,690	96,192,078	21,387,612	22,373,155	
2010	1,711,500	204,733,077				180,414,125
				TOTAL	(24,318,952)	



State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2010  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	122,927	14.58353358	1,792,710
East Branch Reach 26A, 28H and 28J	663,998	136.08805418	90,362,196
VEBX-R1	95,000	136.08805418	12,928,365
West Branch Reach 30	829,575	120.12151499	99,649,806
		Sub total	204,733,077
			(24,318,952)
			6,120,087
			296,648
			186,830,860

1/ Derived by dividing column (4) by column (2).

2/ Will be applied 1/12 monthly to the actual 2010 water delivery billings.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2010

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2011.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 11-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$37,410,810
Capital Cost Component		
Delta Water Charge	\$27,403,966	
Less Rate Management Rebate Under Monterey Amendment	<u>0</u>	27,403,966
Transportation Charge	62,917,905	
Less Rate Management Rebate Under Monterey Amendment	<u>0</u>	62,917,905
Minimum Operation, Maintenance, Power, and Replacement Component		
Delta Water Charge	51,964,417	
Transportation Charge	<u>99,233,417</u>	
Total for Invoice No. 11-014-T		<u>\$278,930,515</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 11-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,604,889
Article 17 (b)		
Operation and Maintenance		<u>7,238,187</u>
Total for Invoice No. 11-002-DCC		<u>\$14,843,076</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2010  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2011 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$168,131,450

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.608 percent and are applied against the payments to be made in 2011. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

Your 2011 Off-Aqueduct Facility charge, Invoice No. 11-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$99,733,829

The 2011 East Branch Enlargement Facilities Transportation Charge, Invoice No. 11-004-E, Attachment 1-3 is:

Capital Cost Component \$31,388,322  
Minimum Operation, Maintenance, Power and Replacement Component 8,607,829

Total East Branch Enlargement Facilities \$39,996,151

The 2011 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 11-007-TAB, Attachment 1-6 is:

Capital Cost Component

Tehachapi Second Afterbay Facilities \$5,002,486

Enclosed are Attachment 8 and 9 showing the charges under executed agreements for Municipal Water Quality Investigations and Bay-Delta Conservation Plan, respectively. These charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

Transportation and Conservation Capital charges do not include the Rate Management rebate under Monterey Amendment for 2011. The Department will keep water contractors informed regarding the possible 2011 Rate Management rebate as information becomes available.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2010  
Page Three

The Transportation Minimum charges included in Attachment 4B do not include separate line item charges for the Monterey Amendment Litigation and the Delta Habitat Conservation and Conveyance Program (DHCCP). Through 2010 the Department has recovered the entire \$15.8 million in total projected costs of litigation. Additionally, the Department currently has no authority to recover projected DHCCP costs beyond 2010. If and when agreements are executed with participating contractors for DHCCP, the Department will distribute a revised Statement of Charges for 2011 to reflect their participation.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown". The signature is written in a cursive style with a horizontal line extending to the right from the end of the name.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Certified Mail

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-014-T

Date: June 30, 2010

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 10,930,466	\$ 7,774,939	\$ 13,701,983	\$ 31,458,953	\$ 4,330,369	\$ 8,269,452	\$ 76,466,162
February 1					4,330,368	8,269,452	12,599,820
March 1					4,330,368	8,269,452	12,599,820
April 1					4,330,368	8,269,452	12,599,820
May 1					4,330,368	8,269,452	12,599,820
June 1					4,330,368	8,269,451	12,599,819
July 1	10,930,466	7,774,939	13,701,983	31,458,952	4,330,368	8,269,451	76,466,159
August 1					4,330,368	8,269,451	12,599,819
September 1					4,330,368	8,269,451	12,599,819
October 1					4,330,368	8,269,451	12,599,819
November 1					4,330,368	8,269,451	12,599,819
December 1					4,330,368	8,269,451	12,599,819
<b>Total:</b>	<b>\$ 21,860,932</b>	<b>\$ 15,549,878</b>	<b>\$ 27,403,966</b>	<b>\$ 62,917,905</b>	<b>\$ 51,964,417</b>	<b>\$ 99,233,417</b>	<b>\$ 278,930,515</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.33636727

B/ 1,911,500 acre feet @ \$27.18515148

C/ Charges under the Capital Cost Component have been reduced by:

Urban Rate Reduction Credit \$0

Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM  
 INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
 CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2011

Invoice No: 11-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Date: June 30, 2010

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,802,445	\$ 356,779	\$ 246,405	\$ 4,405,629
February 1		356,779	246,404	603,183
March 1		356,778	246,404	603,182
April 1		356,778	246,404	603,182
May 1		356,778	246,404	603,182
June 1		356,778	246,404	603,182
July 1	3,802,444	356,778	246,404	4,405,626
August 1		356,778	246,404	603,182
September 1		356,778	246,404	603,182
October 1		356,778	246,404	603,182
November 1		356,778	246,404	603,182
December 1		356,778	246,404	603,182
<b>Total:</b>	<b>\$ 7,604,889</b>	<b>\$ 4,281,338</b>	<b>\$ 2,956,849</b>	<b>\$ 14,843,076</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2011  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$37,410,810	\$37,410,810
CAPITAL COST COMPONENT:		
Delta Water Charge	\$27,403,966	\$27,403,966
Less Urban Rate Reduction Credit	0	27,403,966
Transportation Charge	70,522,794	70,522,794
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,604,889
Less Urban Rate Reduction Credit	0	70,522,794
MINIMUM OMP&R COMPONENT:		62,917,905
Delta Water Charge	51,964,417	51,964,417
Transportation Charge	106,471,604	106,471,604
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		7,238,187
Subtotal:		\$278,930,515
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,604,889
OPERATION AND MAINTENANCE		7,238,187
Subtotal:		\$14,843,076
<b>Total charges for Calendar Year 2011:</b>	<b>\$293,773,591</b>	<b>\$293,773,591</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2010



State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CA**

**IN 2011**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$27,403,966	\$0	\$27,403,966
Transportation Charge	62,917,905	0	62,917,905
Total	<u>\$90,321,871</u>	<u>\$0</u>	<u>\$90,321,871</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-013-O

Date: June 30, 2010

Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	Amount
January 1	\$3,060,082	\$765,021	\$4,486,051	\$8,311,154
February 1	3,060,082	765,021	4,486,050	8,311,153
March 1	3,060,082	765,021	4,486,050	8,311,153
April 1	3,060,082	765,021	4,486,050	8,311,153
May 1	3,060,082	765,021	4,486,050	8,311,153
June 1	3,060,082	765,020	4,486,050	8,311,152
July 1	3,060,082	765,020	4,486,050	8,311,152
August 1	3,060,082	765,020	4,486,050	8,311,152
September 1	3,060,082	765,020	4,486,050	8,311,152
October 1	3,060,082	765,020	4,486,050	8,311,152
November 1	3,060,082	765,020	4,486,050	8,311,152
December 1	3,060,081	765,020	4,486,050	8,311,151
<b>Total:</b>	<b>\$36,720,983</b>	<b>\$9,180,245</b>	<b>\$53,832,601</b>	<b>\$99,733,829</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-004-E

Date: June 30, 2010

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				717,320	717,320
February 1				717,319	717,319
March 1	5,918,583	3,141,324	969,991	717,319	10,747,217
April 1				717,319	717,319
May 1				717,319	717,319
June 1				717,319	717,319
July 1				717,319	717,319
August 1				717,319	717,319
September 1	15,279,779	3,141,323	2,937,323	717,319	22,075,744
October 1				717,319	717,319
November 1				717,319	717,319
December 1				717,319	717,319
<b>Total:</b>	<b>\$ 21,198,362</b>	<b>\$ 6,282,647</b>	<b>\$ 3,907,314</b>	<b>\$ 8,607,829</b>	<b>\$ 39,996,152</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-007-TAB

Date: June 30, 2010

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,000,995	\$ 500,249	\$ 2,501,244
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,000,994	500,248	2,501,242
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,001,989</b>	<b>\$ 1,000,497</b>	<b>\$ 5,002,486</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES  
**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE					DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT	
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)					TOTAL TRANSPORTATION PAYMENT (Table G)
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,184,918	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,968	1,275,276	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,138	123,649	1,182,301	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,962	221,987	490,019	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,888	3,935,966	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,695,712	805,481	4,849,820	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,171	1,519,313	12,597,233	14,116,546	1,711,581	0	15,828,107	0	0	15,828,107	
1969	0	130,799,084	2,346,340	20,061,597	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,162,593	27,335,435	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,381,881	4,121,561	25,707,277	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,850	4,938,041	37,901,274	42,837,315	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,600	37,374,984	5,319,434	46,349,967	51,669,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	10,707,208	5,766,898	47,784,818	53,551,716	7,472,377	1,753,039	62,717,132	4,231,933	0	67,009,065	
1975	555,200	14,881,380	4,065,659	50,188,747	54,254,406	12,965,038	4,163,244	67,317,027	5,073,266	0	72,390,313	
1976	655,800	12,035,816	4,484,724	43,822,335	50,307,069	15,656,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	11,087,905	6,848,899	43,812,375	50,661,074	15,445,748	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,699	7,224,208	44,304,856	51,529,164	12,906,948	7,850,079	72,289,191	9,016,389	0	81,305,580	
1979	956,800	27,165,746	4,705,900	52,345,224	57,051,124	27,082,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,818	8,138,417	45,778,518	53,914,935	21,581,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,622,952	66,426,853	75,249,805	14,924,917	8,679,378	98,854,098	20,910,099	0	119,764,197	
1982	1,257,800	29,493,600	9,315,043	28,872,828	38,187,899	36,966,205	9,181,112	84,335,186	23,968,560	0	108,303,746	
1983	1,358,000	23,110,148	9,903,955	50,913,137	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	12,791,358	134,153,570	
1984	1,458,300	14,829,380	10,485,446	72,950,000	83,435,446	45,517,432	(7,893,940)	121,058,938	18,786,458	0	140,845,396	
1985	1,558,700	9,184,110	11,048,900	52,247,784	63,296,684	58,783,089	(6,788,098)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,815	11,807,947	50,278,844	61,886,291	30,809,854	6,887,441	99,383,586	25,088,659	0	124,472,245	
1987	1,759,800	8,204,066	12,184,264	50,695,921	63,080,185	51,359,847	7,935,849	122,375,881	28,095,043	0	150,470,924	
1988	1,860,400	8,203,848	12,782,881	51,390,498	64,163,379	50,654,835	(8,903,510)	105,914,704	28,781,238	2,642,354	137,338,300	
1989	1,961,000	17,262,370	13,411,029	51,676,286	65,087,315	69,131,749	(5,351,958)	128,887,108	32,506,378	4,587,641	165,981,127	
1990	2,011,500	16,019,198	14,143,577	51,139,979	65,283,558	47,212,462	24,060,472	136,586,489	33,618,368	4,037,890	174,242,747	
1991	2,011,500	18,859,032	14,907,273	51,224,724	66,131,997	59,177,025	20,546,087	145,955,109	35,676,185	6,259,893	187,891,187	
1992	2,011,500	19,184,149	15,733,052	66,758,587	82,491,639	72,160,742	(14,639,492)	124,280,817	40,763,329	8,435,312	177,483,458	
1993	2,011,500	25,797,106	16,806,881	48,110,320	64,717,201	62,491,909	(45,542,508)	81,666,502	40,859,579	8,885,273	133,411,355	
1994	2,011,500	14,175,365	17,583,147	48,368,809	65,951,956	72,700,847	10,248,885	148,901,888	39,156,173	9,926,755	168,084,716	
1995	2,011,500	14,182,854	18,515,677	49,055,814	67,571,491	65,023,889	(8,047,784)	124,547,596	41,903,674	10,539,433	146,036,703	
1996	2,011,500	19,741,118	19,497,995	49,081,400	67,559,395	68,296,146	8,093,981	143,949,522	41,195,923	12,810,361	167,155,806	
1997	2,011,500	12,059,264	20,586,187	48,817,235	69,403,422	82,682,153	(1,594,566)	150,471,009	45,546,810	13,188,230	173,665,039	
1998	2,011,500	10,082,044	21,657,213	49,219,223	70,773,742	77,734,742	(8,107,455)	140,503,723	45,855,992	12,682,268	163,041,983	
1999	2,011,500	8,103,227	22,783,119	49,235,675	71,998,795	94,936,960	(8,535,154)	158,400,601	47,422,430	17,454,651	183,877,682	
2000	2,011,500	4,735,561	23,903,964	48,022,712	71,928,678	103,431,217	39,588,478	214,947,071	48,169,576	19,805,800	243,922,447	
2001	2,011,500	2,815,653	25,062,298	47,928,690	72,888,988	61,532,014	94,268,068	228,507,090	48,180,135	19,490,499	296,177,684	
2002	2,011,500	4,777,093	26,250,499	46,744,790	72,995,189	88,214,191	68,186,773	229,398,183	48,898,394	20,081,004	318,377,581	
2003	2,011,500	2,507,003	27,524,351	44,581,171	72,085,522	113,391,880	83,650,491	289,130,683	47,889,378	20,920,403	358,940,464	
2004	2,011,500	3,218,350	28,826,467	43,407,045	72,235,512	102,165,180	92,165,180	241,878,132	47,414,032	20,841,743	390,134,147	
2005	1,911,500	5,450,403	30,005,647	38,507,412	66,713,059	58,068,434	112,260,590	237,082,053	49,246,363	19,770,593	306,059,009	
2006	1,911,500	11,491,412	31,885,366	33,286,282	64,971,648	83,820,114	115,993,559	284,585,321	47,418,073	20,330,226	352,323,620	
2007	1,911,500	9,515,364	33,342,077	32,043,036	65,385,113	76,223,977	174,432,589	316,041,679	52,120,499	12,762,883	381,824,961	
2008	1,911,500	9,787,202	35,015,783	32,368,698	67,418,481	117,915,033	68,579,752	263,913,246	53,315,217	13,303,204	435,531,707	
2009	1,911,500	18,607,729	36,856,466	30,578,232	67,434,699	114,620,253	72,182,125	254,236,846	58,266,144	21,153,538	433,656,528	
2010	1,911,500	42,544,844	38,939,978	29,466,607	68,406,585	126,045,953	47,436,938	241,889,174	72,806,845	35,073,900	559,199,019	
2011	1,911,500	80,855,163	41,875,024	28,847,773	70,522,794	106,471,604	172,242,931	349,237,329	79,368,383	37,410,810	466,016,522	
2012	1,911,500	76,298,991	45,503,110	30,580,633	76,083,743	113,901,710	182,545,310	372,230,783	79,368,383	37,451,244	529,050,410	
2013	1,911,500	31,400,164	48,906,002	31,945,403	80,851,405	112,583,802	178,944,142	372,359,349	79,368,383	39,251,334	491,979,066	
2014	1,911,500	29,927,418	51,493,924	31,118,673	82,612,598	113,989,439	191,395,873	387,897,912	80,844,705	14,132,313	522,844,311	
2015	1,911,500	25,294,861	53,863,788	30,109,391	83,973,177	114,781,557	206,225,168	404,979,902	79,368,383	42,549,660	527,878,946	
2016	1,911,500	13,215,389	55,497,722	28,789,390	84,287,082	115,929,388	213,873,847	413,890,907	79,368,383	42,938,198	536,197,374	
2017	1,911,500	558,187	54,872,192	26,869,976	81,742,168	117,088,662	200,329,882	399,180,512	79,368,383	42,358,506	521,907,282	
2018	1,911,500	0	50,984,763	24,439,153	75,423,916	118,259,547	220,924,855	414,908,118	79,368,383	37,832,899	533,109,380	
2019	1,911,500	0	46,133,841	22,170,865	68,304,706	119,442,141	209,072,288	398,819,138	79,368,383	40,449,581	519,637,102	
2020	1,911,500	0	41,524,334	20,120,871	61,645,205	120,573,953	211,788,858	394,008,018	79,368,383	37,439,410	511,815,811	
2021	1,911,500	0	35,702,760	18,294,541	53,997,302	121,779,896	212,305,037	388,082,035	79,368,383	37,715,514	495,165,932	
2022	1,911,500	0	31,407,509	16,719,259	48,126,768	122,997,492	213,260,923	384,382,184	79,368,383	36,570,710	470,321,677	
2023	1,911,500	0	31,371,555	15,265,705	46,637,260	124,227,467	215,230,287	388,115,014	79,368,383	36,284,148	454,707,955	
2024	1,911,500	0	30,892,572	13,861,778	44,754,351	125,469,740	211,099,054	381,323,145	79,368,383	34,980,920	436,709,718	
2025	1,911,500	0	31,455,783	12,447,938	43,903,720	126,724,434	214,546,179	385,174,333	79,368,383	31,883,013	417,047,880	
2026	1,911,500	0	32,149,263	11,008,989	43,158,253	127,981,882	213,331,990	384,479,905	79,368,383	29,039,288	403,221,825	
2027	1,911,500	0	33,010,841	9,532,511	42,543,352	129,271,509	213,511,843	385,326,993	79,368,383	31,946,132	407,194,072	
2028	1,911,500	0	33,962,155	8,017,785	41,979,940	130,584,318	212,665,324	385,209,580	79,368,383	24,538,782	400,444,595	
2029	1,911,500	0	34,745,057	6,481,817	41,206,874	131,899,060	212,383,359	385,456,993	79,368,383	28,816,607	404,769,380	
2030	1,911,500	0	34,947,239	4,876,319	39,823,558	133,188,658	210,727,078	383,739,292	79,368,383	0	463,107,675	
2031	1,911,500	0	33,813,869	3,299,105	38,912,774	134,520,545	220,733,850	392,168,999	79,368,383	0	47	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year	Calculated Components as of 01/01/2010	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,539	1,341,244	(650,705)	(5,655,868)	
1964	1,260,042	1,305,950	(45,908)	(381,454)	
1965	2,179,810	701,706	1,478,104	11,740,598	
1966	3,898,819	4,340,884	(442,065)	(3,356,657)	
1967	7,691,085	5,655,301	2,035,784	14,777,031	
1968	14,340,331	14,116,546	223,785	1,552,822	
1969	21,850,137	22,407,937	(557,800)	(3,700,024)	
1970	28,982,865	30,498,028	(1,515,163)	(9,607,716)	
1971	37,229,879	29,828,838	7,401,041	44,863,049	
1972	44,047,132	42,837,315	1,209,817	7,010,526	
1973	46,283,635	51,669,401	(5,385,766)	(29,834,150)	
1974	48,306,053	53,551,716	(5,245,663)	(27,778,041)	
1975	49,268,119	50,188,747	(920,628)	(4,660,372)	
1976	50,120,026	50,307,059	(187,033)	(905,083)	
1977	50,809,655	50,661,074	148,581	687,337	
1978	51,408,868	51,529,164	(120,296)	(531,976)	
1979	52,212,368	52,345,224	(132,856)	(561,641)	
1980	53,618,983	53,914,935	(295,952)	(1,196,007)	
1981	56,648,010	75,249,805	(18,601,795)	(71,862,416)	
1982	57,445,385	38,187,869	19,257,516	71,118,460	
1983	59,017,274	60,817,092	(1,799,818)	(6,353,978)	
1984	60,292,946	83,435,446	(23,142,500)	(78,102,069)	
1985	61,123,708	63,296,684	(2,172,976)	(7,010,392)	
1986	61,645,242	61,886,291	(241,049)	(743,408)	
1987	62,073,455	63,080,185	(1,006,730)	(2,968,045)	
1988	62,431,535	64,163,379	(1,731,844)	(4,880,918)	
1989	62,774,747	65,087,315	(2,312,568)	(6,230,491)	
1990	63,740,657	65,283,556	(1,542,899)	(3,973,747)	
1991	64,655,258	66,131,997	(1,476,739)	(3,635,814)	
1992	65,753,902	66,758,567	(1,004,665)	(2,364,583)	
1993	66,882,231	64,717,201	2,165,030	4,871,157	
1994	68,463,303	65,951,956	2,511,347	5,401,445	
1995	69,349,936	67,571,491	1,778,445	3,656,612	
1996	70,227,179	67,559,395	2,667,784	5,243,535	
1997	71,506,673	69,403,422	2,103,251	3,951,844	
1998	72,258,932	70,876,436	1,382,496	2,483,177	
1999	72,892,733	71,998,795	893,938	1,534,923	
2000	73,407,341	71,926,676	1,480,665	2,430,360	
2001	73,717,085	72,688,988	1,028,097	1,613,182	
2002	73,891,014	72,995,199	895,815	1,343,701	
2003	74,203,116	72,085,522	2,117,594	3,036,420	
2004	74,439,553	72,235,512	2,204,041	3,021,161	
2005	68,331,706	66,713,059	1,618,647	2,121,005	
2006	68,667,316	64,971,648	3,695,668	4,629,322	
2007	69,385,290	65,385,113	4,000,177	4,790,037	
2008	69,990,153	67,418,461	2,571,692	2,943,836	
2009	70,622,540	67,434,698	3,187,842	3,488,402	
2010	71,851,155	68,406,585	3,444,570	3,603,293	
2011	74,719,632				10,338,017
			TOTAL	(64,381,615)	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year	Calculated Components as of 01/01/2010	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(5,126,647)	
1969	1,295,607	1,314,941	(19,334)	(128,244)	
1970	1,624,569	2,041,108	(416,539)	(2,641,296)	
1971	2,716,584	2,845,550	(128,966)	(781,755)	
1972	8,038,463	7,857,023	181,440	1,051,391	
1973	9,890,316	8,934,684	955,632	5,293,669	
1974	11,581,491	7,472,377	4,109,114	21,759,528	
1975	13,584,548	12,965,036	619,512	3,136,072	
1976	12,862,489	15,656,909	(2,794,420)	(13,522,693)	
1977	16,203,699	15,445,746	757,953	3,506,299	
1978	17,811,770	12,906,948	4,904,822	21,690,267	
1979	16,414,289	27,062,599	(10,648,310)	(45,015,019)	
1980	20,926,898	21,561,704	(634,806)	(2,565,388)	
1981	23,731,024	14,924,917	8,806,107	34,019,736	
1982	27,994,510	36,966,205	(8,971,695)	(33,132,681)	
1983	38,953,367	49,334,929	(10,381,562)	(36,650,498)	
1984	45,597,671	45,517,432	80,239	270,794	
1985	50,064,444	56,783,089	(6,718,645)	(21,675,496)	
1986	52,858,915	30,809,854	22,049,061	68,000,572	
1987	50,737,631	51,359,647	(622,016)	(1,833,830)	
1988	51,262,231	50,654,835	607,396	1,711,846	
1989	52,638,942	69,131,749	(16,492,807)	(44,434,710)	
1990	61,053,824	47,212,462	13,841,362	35,648,537	
1991	60,874,529	59,177,025	1,697,504	4,179,350	
1992	67,460,598	72,160,742	(4,700,144)	(11,062,269)	
1993	68,749,547	62,491,809	6,257,738	14,079,445	
1994	63,898,029	72,700,847	(8,802,818)	(18,933,244)	
1995	68,079,888	65,023,889	3,055,999	6,283,356	
1996	72,757,439	68,296,146	4,461,293	8,768,681	
1997	75,655,465	82,662,153	(7,006,688)	(13,165,014)	
1998	80,540,695	77,734,742	2,805,953	5,039,924	
1999	85,257,123	94,936,960	(9,679,837)	(16,620,605)	
2000	82,629,018	103,431,917	(20,802,899)	(34,145,835)	
2001	93,016,856	61,532,014	31,484,842	49,402,679	
2002	85,771,950	88,214,191	(2,442,241)	(3,663,301)	
2003	83,744,266	113,391,880	(29,647,614)	(42,511,745)	
2004	101,188,966	77,477,460	23,711,506	32,502,251	
2005	74,627,763	58,088,434	16,539,329	21,672,413	
2006	78,870,408	83,620,114	(4,749,706)	(5,949,648)	
2007	107,219,400	76,223,977	30,995,423	37,115,657	
2008	116,344,345	117,915,033	(1,570,688)	(1,797,979)	
2009	101,411,014	114,620,025	(13,209,011)	(14,454,401)	
2010	112,332,537	126,045,953	(13,713,416)	(14,345,332)	
2011	115,496,767				106,471,604
			Total	(9,025,163)	
Net Minimum Charges:					106,471,604

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2010	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	633,664	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,090,738)	
1974	277,717	1,872,297	1,753,039	119,258	631,522	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,397,623)	
1976	618,451	5,485,263	4,952,315	532,948	2,579,031	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,613,558)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(18,368,414)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	33,792,949	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(13,774,743)	
1981	795,846	10,862,932	8,679,376	2,183,556	8,435,510	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(5,524,558)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(10,595,912)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	878,128	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(28,878,321)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(17,122,573)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(32,262,042)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	15,488,391	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	39,983,069	
1990	1,396,423	30,759,725	24,090,472	6,669,253	17,176,714	
1991	391,447	184,870	20,546,087	(20,361,217)	(50,130,462)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	12,162,156	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	54,152,636	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(13,311,834)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	6,480,343	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(12,254,327)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	7,559,454	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(11,650,428)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,273,219)	
2000	1,522,412	(15,820,572)	39,588,478	(55,409,050)	(90,948,301)	
2001	970,869	159,921,465	94,286,088	65,635,377	102,988,082	
2002	1,408,919	59,718,694	68,188,773	(8,470,079)	(12,704,909)	
2003	1,649,639	94,182,025	83,653,491	10,528,534	15,096,877	
2004	1,582,735	106,539,803	92,165,160	14,374,643	19,703,863	
2005	1,528,045	113,878,785	112,260,560	1,618,225	2,120,452	
2006	1,512,186	84,319,332	115,993,559	(31,674,227)	(39,676,241)	
2007	1,350,477	138,048,775	174,432,589	(36,383,814)	(43,568,019)	
2008	719,069	85,457,553	68,579,752	16,877,801	19,320,152	
2009	787,905	54,211,551	72,182,125	(17,970,574)	(19,664,900)	
2010	630,153	71,755,588	47,436,636	24,318,952	25,439,568	
2011	1,711,500	215,431,492				172,242,931
				TOTAL	(43,188,561)	



State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2011

Transportation Charges

Transportation Components	Calculated 1/1/2010	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	74,719,632	10,338,017	(64,381,615)
Capital Cost Component difference to be amortized			(64,381,615)
Divided by remaining water deliveries 1/			29,323,376 *
Unit rate for amortizing difference 2/			(2.195573)
Unit rate applied to 2011 deliveries of		1,911,500 acre feet	(4,196,838)
Plus calculated 2011 Capital Cost Component			<u>74,719,632</u>
Adjusted Capital Cost Component			<u><u>70,522,794</u></u>

1/ Reduced to present worth at 4.608%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2010	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,625)	
1989	8,978,504	8,991,417	(12,913)	(34,828)	
1990	8,983,597	9,020,145	(36,548)	(90,542)	
1991	8,983,717	9,009,739	(26,022)	(59,454)	
1992	17,989,315	18,053,820	(64,505)	(137,456)	
1993	18,742,682	18,754,578	(11,896)	(24,089)	
1994	18,591,099	18,705,728	(114,629)	(222,124)	
1995	18,556,603	16,729,731	1,826,872	3,379,302	
1996	18,647,406	20,262,394	(1,614,988)	(2,822,368)	
1997	19,545,322	19,141,671	403,651	667,959	
1998	19,966,108	19,092,267	873,841	1,368,798	
1999	20,947,475	20,301,335	646,140	958,341	
2000	22,957,586	17,085,146	5,872,440	8,276,286	
2001	22,965,748	31,847,016	(8,881,268)	(11,764,202)	
2002	22,425,319	22,276,589	148,730	187,867	
2003	19,087,337	22,768,985	(3,681,648)	(4,529,998)	
2004	20,695,237	19,038,306	1,656,931	2,004,062	
2005	15,295,938	17,204,043	(1,908,105)	(2,270,575)	
2006	21,996,927	17,589,839	4,407,088	5,091,181	
2007	21,205,489	20,041,387	1,164,102	1,285,070	
2008	19,897,390	21,870,151	(1,972,761)	(2,071,100)	
2009	20,433,739	20,084,800	348,939	355,160	
2010	30,575,815	30,146,101	429,714	432,082	
2011	31,419,576 *				31,388,323
				(31,253)	

\* Included in the 2011 calculated component is \$6,282,647 for East Branch Enlargement Bond Cover and \$3,907,314 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2010	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(197,697)	
1992	0	339,060	(339,060)	(722,515)	
1993	0	(68,950)	68,950	139,619	
1994	2,174,776	(213,745)	2,388,521	4,628,401	
1995	1,895,643	2,839,696	(944,053)	(1,746,285)	
1996	1,990,213	2,810,767	(820,554)	(1,434,008)	
1997	2,642,077	1,296,887	1,345,190	2,226,010	
1998	2,915,152	1,850,818	1,064,334	1,667,189	
1999	1,599,081	3,847,978	(2,248,897)	(3,335,517)	
2000	2,772,683	2,949,526	(176,843)	(249,233)	
2001	2,138,494	13,032,437	(10,893,943)	(14,430,208)	
2002	2,730,665	(5,934,164)	8,664,829	10,944,925	
2003	3,225,047	1,352,030	1,873,017	2,304,610	
2004	3,487,739	3,040,705	447,034	540,689	
2005	3,186,455	2,605,075	581,380	691,821	
2006	3,360,879	4,317,052	(956,173)	(1,104,595)	
2007	4,786,787	4,321,833	464,954	513,270	
2008	6,038,849	3,665,831	2,373,018	2,491,309	
2009	6,880,172	7,003,623	(123,451)	(125,652)	
2010	5,031,412	4,362,778	668,634	672,318	
2011	5,133,378				8,607,829
				3,474,451	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2011  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>		<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>	
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	29,719	14.33048005	425,888
East Branch Reach 26A, 28H and 28J VEBX-R1	862,719 0	131.06123340 132.71490280	113,069,016 0
West Branch Reach 30	819,062	124.45527690	101,936,588
Sub total			215,431,492
Net adjustment per redetermination of pre-2011 charges 2/			(43,188,561)
Estimated Year 2011 Replacement Accounting System (RAS) Charges 2/			3,326,936
Prior years RAS over and under adjustments 2/			(7,438,417)
Total Estimated 2011 Charges			<u>168,131,450</u>

1/ Derived by dividing column (4) by column (2).  
2/ Will be applied 1/12 monthly to the actual 2011 water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California**  
(in dollars)

Year	Capital Cost Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	30,146,101	4,362,778	34,508,879
2011	31,388,323	8,607,829	39,996,152
2012	31,472,346	5,282,457	36,754,803
2013	31,148,389	5,282,457	36,430,846
2014	31,345,243	5,282,457	36,627,700
2015	32,168,573	5,282,457	37,451,030
2016	32,255,241	5,282,457	37,537,698
2017	33,026,442	5,282,457	38,308,899
2018	32,240,592	5,282,457	37,523,049
2019	33,197,744	5,282,457	38,480,201
2020	31,716,241	5,282,457	36,998,698
2021	32,384,174	5,282,457	37,666,631
2022	32,084,921	5,282,457	37,367,378
2023	26,553,372	5,282,457	31,835,829
2024	27,452,834	5,282,457	32,735,291
2025	31,363,740	5,282,457	36,646,197
2026	11,468,393	5,282,457	16,750,850
2027	11,735,870	5,282,457	17,018,327
2028	7,532,579	5,282,457	12,815,036
2029	7,895,807	5,282,457	13,178,264
2030	0	5,282,457	5,282,457
2031	0	5,282,457	5,282,457
2032	0	5,282,457	5,282,457
2033	0	5,282,457	5,282,457
2034	0	5,282,457	5,282,457
2035	0	5,282,457	5,282,457
<b>Total</b>	<b>935,002,184</b>	<b>188,892,563</b>	<b>1,123,894,747</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Charge \1  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	944,504
2006	1,493,836
2007	1,534,667
2008	1,914,859
2009	1,937,973
2010	1,937,973
2011	1,937,973
Total	23,863,264

1. Under the Municipal Water Quality Agreement executed in 1994, 1997, 2003, and 2006, 2008, and pending 2010 agreement these charges are included in the annual Statements of Charges under the Transportation minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2007	1,388,732
2008	1,376,523
2009	688,188
2010	916,348
2011	2,290,799
<b>Total</b>	<b>6,660,590</b>

1. BDCP charges included in Attachment 4B Calculated Component are being paid on a PAYGO basis invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 9  
June 30, 2010

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Delta Habitat Conservation and Conveyance Program Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	15,540,492
2010	15,953,554
2011	-
Total	33,100,759

1. Total DHCCP costs are included as a line item in Attachment 4B and invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 10  
June 30, 2010



## FOOTNOTES

### Attachment 4A

- 1/ From Table B-15 of Appendix B to Bulletin 132-10, "Management of the California State Water Project".
- 2/ Payments in 2010 are assumed to be equal to those amounts shown on the Statement of Charges for 2010.

### Attachment 4B

- 1/ From Table B-16 of Appendix B to Bulletin 132-10.
- 2/ Payments in 2010 are assumed to be equal to those amounts shown on the Statement of Charges for 2010.

### Attachment 4C

- 1/ From Table B-5a of Appendix B to Bulletin 132-10.
- 2/ From Table B-18 of Appendix B to Bulletin 132-10.
- 3/ Payments in 2010 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1 + i)^n$ , where "i" equals the current project interest rate of 4.608 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	49	9.09243167	1987	24	2.94820429
1963	48	8.69190853	1988	23	2.81833539
1964	47	8.30902849	1989	22	2.69418725
1965	46	7.94301439	1990	21	2.57550784
1966	45	7.59312327	1991	20	2.46205629
1967	44	7.25864491	1992	19	2.35360230
1968	43	6.93890038	1993	18	2.24992572
1969	42	6.63324065	1994	17	2.15081611
1970	41	6.34104529	1995	16	2.05607230
1971	40	6.06172118	1996	15	1.96550197
1972	39	5.79470134	1997	14	1.87892128
1973	38	5.53944377	1998	13	1.79615448
1974	37	5.29543034	1999	12	1.71703357
1975	36	5.06216574	2000	11	1.64139795
1976	35	4.83917649	2001	10	1.56909410
1977	34	4.62600995	2002	9	1.49997524
1978	33	4.42223343	2003	8	1.43390108
1979	32	4.22743331	2004	7	1.37073749
1980	31	4.04121416	2005	6	1.31035628
1981	30	3.86319800	2006	5	1.25263486
1982	29	3.69302347	2007	4	1.19745609
1983	28	3.53034517	2008	3	1.14470794
1984	27	3.37483287	2009	2	1.09428337
1985	26	3.22617091	2010	1	1.04608000
1986	25	3.08405754			

- 6/ Derived by adding the sum of items shown in Column (5) to the 2011 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 942360001  
(916) 653-5791



November 4, 2010

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District  
of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

Enclosed are revised and additional attachments to your 2011 Statement of Charges, dated July 1, 2010. Please replace and include these attachments in the Statement of Charges package sent to you previously and note that not all changes apply to every contractor.

The revised statements include the following changes:

- 1.) Conservation Charges:
  - a. Corrected omission of Hyatt Power Plant Units 2, 4 and 6 refurbishment costs of \$18.4 million in conservation capital
  - b. Updated 2009 conservation minimum contractor revenues
  - c. Increased 2007 conservation minimum costs by \$3 million to correct duplicate credit to 2007 Bay Delta Conservation Plan
  - d. Included a conservation RAS charge of \$2.12 per acre-foot of Table A water (reinstated component)
- 2.) Transportation Minimum Charges:
  - a. Reclassified Las Perillas Pumping Plant and Badger Hill Pumping Plant pump replacement costs to transportation capital costs
  - b. Reduced Coastal Aqueduct costs to correct for duplicate billing
  - c. Reallocated Municipal Water Quality Investigations Program (MWQI) costs with corrected proportionate use of facility factors for 2008 – 2011

Mr. Devendra N. Upadhyay, Group Director  
November 4, 2010  
Page 2

- 3.) Transportation Capital Charges:
  - a. Reclassified Las Perillas Pumping Plant and Badger Hills Pumping Plant pump replacement costs from transportation minimum
  - b. Deferred projected 2010 and forward Perris Rehabilitation costs for one year, except for \$3 million of 2010 costs incurred
- 4.) Off Aqueduct Power charges:
  - a. Added \$6.1 million in transmission costs previously omitted
- 5.) Included 25 percent of the projected 2011 Rate Management Credits
- 6.) Included a true-up of 2008 – 2010 Delta Habitat Conservation and Conveyance Program (DHCCP) planning costs based on actual costs
- 7.) Revised Attachment 3, which summarizes Tables A, C, D, E, F and G of the State Water Supply Contract, to reflect aforementioned revisions

All other attachments to the 2011 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-014-T-Revised

Date: November 1, 2010

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 10,930,466	\$ 7,774,939	\$ 13,304,824	\$ 28,982,580	\$ 4,333,405	\$ 8,471,345	\$ 73,797,559
February 1					4,333,405	8,471,345	12,804,750
March 1					4,333,405	8,471,344	12,804,749
April 1					4,333,405	8,471,344	12,804,749
May 1					4,333,405	8,471,344	12,804,749
June 1					4,333,405	8,471,344	12,804,749
July 1	10,930,466	7,774,939	13,304,824	28,982,579	4,333,405	8,471,344	73,797,557
August 1					4,333,405	8,471,344	12,804,749
September 1					4,333,405	8,471,344	12,804,749
October 1					4,333,405	8,471,344	12,804,749
November 1					4,333,404	8,471,344	12,804,748
December 1					4,333,404	8,471,344	12,804,748
<b>Total:</b>	<b>\$ 21,860,932</b>	<b>\$ 15,549,878</b>	<b>\$ 26,609,648</b>	<b>\$ 57,965,159</b>	<b>\$ 52,000,858</b>	<b>\$ 101,656,130</b>	<b>\$ 275,642,605</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$14.72245063
- B/ 1,911,500 acre feet @ \$27.20421547
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$4,754,413)
  - Agricultural Rate Reduction Credit \$0

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2011  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$37,410,810	\$37,410,810
CAPITAL COST COMPONENT:		
Delta Water Charge	\$28,141,964	\$28,141,964
Less Urban Rate Reduction Credit	<u>1,532,316</u>	<u>1,532,316</u>
Transportation Charge	68,792,145	68,792,145
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,604,889
Less Urban Rate Reduction Credit	<u>3,222,097</u>	<u>3,222,097</u>
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	52,000,858	52,000,858
Transportation Charge	108,894,317	108,894,317
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		<u>7,238,187</u>
Subtotal:		<u>\$275,642,605</u>
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,604,889
OPERATION AND MAINTENANCE		7,238,187
Subtotal:		<u>\$14,843,076</u>
<b>Total charges for Calendar Year 2011:</b>	<b><u>\$290,485,681</u></b>	<b><u>\$290,485,681</u></b>

A/ In compliance with Article 22.

Attachment 1B  
Revised 11/01/2010

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
by Urban Rate Reduction  
Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CA**  
**IN 2011**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$28,141,964	(\$1,532,316)	\$26,609,648
Transportation Charge	61,187,256	(3,222,097)	57,965,159
Total	<u>\$89,329,220</u>	<u>(\$4,754,413)</u>	<u>\$84,574,807</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 11-013-O-Revised  
 Date: November 1, 2010  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	Amount
January 1	\$3,060,082	\$765,021	\$4,852,386	\$8,677,489
February 1	3,060,082	765,021	4,852,386	8,677,489
March 1	3,060,082	765,021	4,852,386	8,677,489
April 1	3,060,082	765,021	4,852,386	8,677,489
May 1	3,060,082	765,021	4,852,386	8,677,489
June 1	3,060,082	765,020	4,852,386	8,677,488
July 1	3,060,082	765,020	4,852,385	8,677,487
August 1	3,060,082	765,020	4,852,385	8,677,487
September 1	3,060,082	765,020	4,852,385	8,677,487
October 1	3,060,082	765,020	4,852,385	8,677,487
November 1	3,060,082	765,020	4,852,385	8,677,487
December 1	3,060,081	765,020	4,852,385	8,677,486
<b>Total:</b>	<b>\$36,720,983</b>	<b>\$9,180,245</b>	<b>\$58,228,626</b>	<b>\$104,129,854</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

REPLACEMENT ACCOUNT ADJUSTMENT

IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Invoice No: 11-079-U  
Date: November 1, 2010  
Contract No: 160157

[in dollars]

---

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$337,699
February 1	337,699
March 1	337,699
April 1	337,699
May 1	337,698
June 1	337,698
July 1	337,698
August 1	337,698
September 1	337,698
October 1	337,698
November 1	337,698
December 1	337,698
Total:	<u><u>\$4,052,380</u></u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE					DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT	
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)					TOTAL TRANSPORTATION PAYMENT (Table G)
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1980	0	0	0	0	0	0	0	0	0	0	0	
1981	0	0	0	0	0	0	0	0	0	0	0	
1982	0	12,184,916	0	0	0	0	0	0	0	0	1,341,244	
1983	0	10,082,784	65,888	1,275,276	1,341,244	0	0	1,341,244	0	0	1,305,950	
1984	0	17,056,138	123,848	1,162,301	1,305,950	0	0	1,305,950	0	0	701,708	
1985	0	31,951,962	221,887	480,019	701,708	0	0	4,340,884	0	0	5,855,301	
1986	0	70,547,174	404,888	3,935,896	4,340,884	0	0	5,855,301	0	0	15,828,107	
1987	0	124,995,712	805,481	4,840,820	5,655,301	0	0	15,828,107	0	0	23,722,878	
1988	0	136,828,171	1,519,313	12,597,233	14,118,546	1,711,561	0	23,722,878	0	0	32,539,136	
1989	0	130,799,064	2,346,340	20,061,597	22,407,937	1,314,941	0	0	0	0	32,539,136	
1990	0	150,212,228	3,162,593	27,335,435	30,498,028	2,041,108	0	0	0	0	32,539,136	
1991	0	115,361,891	4,121,561	25,707,277	29,828,838	2,845,550	0	32,674,388	0	0	53,476,208	
1992	154,772	28,803,850	4,936,041	37,901,274	42,837,315	7,857,023	739,859	51,432,997	2,043,211	0	84,202,210	
1993	354,600	37,374,084	5,319,434	46,349,987	51,669,401	8,934,884	1,280,232	61,884,317	2,317,893	0	67,009,065	
1994	454,900	18,707,209	5,768,898	18,707,209	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	72,390,313	
1995	555,200	14,881,380	6,123,088	44,085,859	50,169,747	12,985,036	4,163,244	67,317,026	5,073,286	0	77,336,450	
1996	655,600	12,035,616	6,484,724	43,822,335	50,307,059	15,656,909	4,952,315	70,816,283	6,422,167	0	72,679,382	
1997	755,900	11,067,905	6,848,699	43,812,375	50,661,074	15,445,746	(231,718)	65,875,104	7,104,278	0	81,302,580	
1998	856,300	15,187,699	7,224,208	44,304,956	51,529,164	12,906,948	7,850,079	72,286,191	9,016,389	0	86,371,248	
1999	956,800	27,165,746	7,639,324	44,705,900	52,345,224	27,082,599	(3,971,787)	75,438,056	10,835,192	0	87,350,246	
1990	1,057,000	57,170,618	8,138,417	45,776,518	53,914,935	21,581,704	8,770,811	84,247,450	13,102,796	0	119,764,197	
1991	1,157,300	15,797,979	8,622,952	66,428,853	75,249,805	14,924,917	8,679,376	98,854,098	20,910,099	0	108,333,746	
1992	1,257,600	29,493,800	9,315,043	28,872,820	38,187,869	36,986,205	9,181,112	84,335,188	23,998,560	0	134,153,570	
1993	1,358,000	23,110,146	9,903,955	50,913,137	60,817,092	40,334,920	(5,993,116)	104,158,950	17,203,307	12,791,358	179,054,093	
1994	1,458,300	14,829,380	10,485,446	72,950,000	83,435,446	45,517,432	(7,683,940)	121,058,938	18,768,458	39,229,587	212,789,172	
1995	1,558,700	6,164,110	11,048,900	52,247,784	63,298,684	58,783,089	(6,789,089)	113,291,875	22,050,974	77,581,287	202,054,531	
1996	1,659,300	7,329,815	11,607,647	50,278,644	61,886,291	30,809,854	6,887,441	99,383,586	25,089,858	88,939,185	217,409,919	
1997	1,759,800	8,204,066	12,184,264	50,895,921	63,080,185	51,359,647	7,935,849	122,375,681	28,095,443	78,936,300	217,274,805	
1998	1,860,400	8,203,848	12,782,881	51,380,498	64,163,379	50,654,835	(8,903,510)	105,914,704	28,781,238	4,587,841	234,271,889	
1999	1,961,000	17,282,370	13,411,029	51,678,286	65,087,315	69,131,749	(5,351,958)	126,867,108	32,505,379	68,311,546	258,205,248	
1990	2,011,500	16,019,199	14,143,577	51,139,979	65,283,556	47,212,462	24,090,472	136,580,490	33,616,369	4,037,980	242,005,416	
1991	2,011,500	18,859,032	14,907,273	51,224,724	66,131,997	59,177,025	20,548,087	145,855,109	35,676,185	6,259,893	245,860,512	
1992	2,011,500	19,184,149	15,733,052	51,025,515	66,758,567	72,180,742	(14,638,492)	124,280,817	40,783,329	8,435,312	188,723,969	
1993	2,011,500	25,797,106	16,606,881	48,110,320	64,717,201	62,491,809	(45,542,508)	81,868,502	40,859,579	8,885,273	269,823,237	
1994	2,011,500	14,175,365	14,175,365	48,368,809	65,951,958	72,700,847	10,248,885	148,801,888	39,158,173	8,928,755	217,853,161	
1995	2,011,500	14,182,654	18,515,677	49,055,814	67,571,491	65,023,889	(6,047,784)	124,547,596	41,903,874	10,539,433	246,309,428	
1996	2,011,500	10,741,116	19,497,995	48,061,400	67,559,395	88,298,146	143,949,522	143,949,522	41,195,923	12,810,381	36,536,259	
1997	2,011,500	12,059,284	20,566,187	48,817,235	69,403,422	82,862,153	(1,594,566)	150,471,009	45,548,810	13,169,230	30,941,809	
1998	2,011,500	10,062,044	21,857,213	49,218,226	70,734,742	87,734,742	(8,107,455)	140,503,723	45,855,982	12,862,268	229,363,582	
1999	2,011,500	8,103,221	22,763,119	49,235,875	71,998,795	94,836,960	(8,535,154)	158,400,801	47,422,330	17,454,851	422,587,877	
2000	2,011,500	4,735,581	23,903,964	48,022,712	71,926,678	103,431,917	39,588,478	214,947,071	48,169,576	19,805,800	285,900,324	
2001	2,011,500	2,615,653	25,062,298	47,628,998	72,886,986	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	49,405,276	
2002	2,011,500	4,777,093	26,250,409	48,744,790	72,985,199	88,214,191	68,188,773	229,368,163	48,898,304	20,091,004	45,579,834	
2003	2,011,500	2,507,003	27,524,351	44,581,171	72,085,522	113,391,880	83,653,491	269,130,863	47,889,376	20,920,403	379,830,298	
2004	2,011,500	3,218,350	28,828,467	43,407,045	72,235,512	77,477,460	92,165,160	241,878,132	47,414,032	20,941,743	368,874,130	
2005	1,911,500	5,459,403	30,205,647	36,507,412	66,713,059	58,088,434	112,260,580	237,062,053	49,246,383	19,770,598	383,819,865	
2006	1,911,500	11,491,412	31,885,386	33,286,292	64,971,648	63,820,114	115,993,559	284,585,321	47,416,073	20,330,228	60,701,335	
2007	1,911,500	8,515,364	33,342,077	32,043,036	65,385,111	78,223,977	174,432,589	316,041,879	52,120,469	12,752,863	442,315,834	
2008	1,911,500	9,787,202	35,051,793	32,368,698	67,418,481	117,915,033	68,579,752	253,913,246	53,315,217	19,303,204	72,144,785	
2009	1,911,500	18,607,729	36,856,496	30,578,232	67,434,098	114,820,025	72,182,125	254,236,844	58,286,144	21,153,536	405,465,334	
2010	1,911,500	18,876,021	36,938,978	29,468,807	68,408,585	128,045,953	47,438,636	241,889,174	72,808,845	35,073,890	434,055,742	
2011	1,911,500	46,092,064	41,107,473	27,884,672	68,792,145	106,471,604	172,242,931	347,508,880	80,142,822	37,410,810	104,129,854	
2012	1,911,500	80,417,910	44,091,900	27,876,164	71,970,064	113,801,710	182,545,310	308,117,084	80,142,822	37,451,244	100,593,725	
2013	1,911,500	75,275,800	47,534,145	29,494,449	77,028,594	112,563,602	178,944,142	388,539,538	80,142,822	39,251,334	57,329,287	
2014	1,911,500	38,851,977	51,252,215	30,716,506	81,968,721	113,889,439	191,395,873	387,054,033	80,142,822	40,644,705	14,132,313	
2015	1,911,500	27,467,740	53,813,468	30,031,571	83,845,037	114,781,557	208,225,168	404,851,782	80,142,822	42,549,890	7,744,043	
2016	1,911,500	14,890,420	55,513,566	28,812,088	84,325,652	115,929,368	213,873,647	413,928,887	80,142,822	42,936,196	6,823,159	
2017	1,911,500	2,223,086	54,938,990	28,958,611	81,897,502	117,088,682	200,328,062	399,315,936	80,142,822	42,358,506	6,358,492	
2018	1,911,500	0	51,116,007	24,599,873	75,715,880	118,258,547	220,824,655	414,900,082	80,142,822	37,832,999	2,560,814	
2019	1,911,500	0	46,271,133	22,325,537	68,596,671	119,442,141	209,072,288	397,111,100	80,142,822	40,449,510	2,575,192	
2020	1,911,500	0	41,867,952	20,289,217	61,937,169	120,573,953	211,788,858	384,289,980	80,142,822	47,436,461	2,776,234	
2021	1,911,500	0	35,852,997	18,436,269	54,289,266	121,770,899	212,305,037	388,373,999	80,142,822	37,715,514	4,368,458	
2022	1,911,500	0	31,584,869	16,851,084	48,415,733	122,997,492	213,280,923	384,874,148	80,142,822	36,570,710	4,143,086	
2023	1,911,500	0	31,535,956	15,413,288	46,949,244	124,227,487	215,230,287	385,406,978	80,142,822	38,284,148	2,833,410	
2024	1,911,500	0	31,084,549	13,981,788	45,066,335	125,469,740	214,099,054	381,815,109	80,142,822	34,980,820	1,124,270	
2025	1,911,500	0	31,835,884	12,560,000	44,195,884	126,724,434	214,546,179	385,486,267	80,142,822	31,863,013	241,951	
2026	1,911,500	0	32,337,455	11,110,742	43,448,197	127,891,882	214,331,990	384,771,889	80,142,822	29,039,288	334,050	
2027	1,911,500	0	33,207,804	9,827,612	42,835,416	129,271,599	213,511,943	385,618,958	80,142,822	31,946,132	552,584	
2028	1,911,500	0	34,168,000	8,103,815	42,271,805	130,584,316	212,965,324	385,501,545	80,142,822	34,539,782	328,850	
2029	1,911,500	0	34,980,481	6,538,157	41,498,638	131,869,980	212,383,359	385,751,957	80,142,822	26,816,607	324,377	
2030	1,911,500	0	35,172,590	4,942,932	40,115,522	133,188,858	210,727,076	384,031,258	80,142,822	0	464,174,076	
2031	1,911,500	0	33,849,404	3,355,334	37,204,738	134,520,545	220,733,650	392,456,933	80,142,822	0</		

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2010	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,539	1,341,244	(650,705)	(5,655,868)	
1964	1,260,042	1,305,950	(45,908)	(381,454)	
1965	2,179,810	701,706	1,478,104	11,740,598	
1966	3,898,819	4,340,884	(442,065)	(3,356,657)	
1967	7,691,085	5,655,301	2,035,784	14,777,031	
1968	14,340,331	14,116,546	223,785	1,552,822	
1969	21,850,137	22,407,937	(557,800)	(3,700,024)	
1970	28,982,865	30,498,028	(1,515,163)	(9,607,716)	
1971	37,229,879	29,828,838	7,401,041	44,863,049	
1972	44,047,132	42,837,315	1,209,817	7,010,526	
1973	46,283,635	51,669,401	(5,385,766)	(29,834,150)	
1974	48,306,053	53,551,716	(5,245,663)	(27,778,041)	
1975	49,268,119	50,188,747	(920,628)	(4,660,372)	
1976	50,120,026	50,307,059	(187,033)	(905,083)	
1977	50,809,655	50,661,074	148,581	687,337	
1978	51,408,868	51,529,164	(120,296)	(531,976)	
1979	52,212,368	52,345,224	(132,856)	(561,641)	
1980	53,618,983	53,914,935	(295,952)	(1,196,007)	
1981	56,648,010	75,249,805	(18,601,795)	(71,862,416)	
1982	57,445,385	38,187,869	19,257,516	71,118,460	
1983	59,017,274	60,817,092	(1,799,818)	(6,353,978)	
1984	60,292,946	83,435,446	(23,142,500)	(78,102,069)	
1985	61,123,708	63,296,684	(2,172,976)	(7,010,392)	
1986	61,645,242	61,886,291	(241,049)	(743,408)	
1987	62,073,455	63,080,185	(1,006,730)	(2,968,045)	
1988	62,431,535	64,163,379	(1,731,844)	(4,880,918)	
1989	62,774,747	65,087,315	(2,312,568)	(6,230,491)	
1990	63,740,657	65,283,556	(1,542,899)	(3,973,747)	
1991	64,655,258	66,131,997	(1,476,739)	(3,635,814)	
1992	65,753,902	66,758,567	(1,004,665)	(2,364,583)	
1993	66,882,231	64,717,201	2,165,030	4,871,157	
1994	68,463,303	65,951,956	2,511,347	5,401,445	
1995	69,349,936	67,571,491	1,778,445	3,656,612	
1996	70,227,179	67,559,395	2,667,784	5,243,535	
1997	71,506,673	69,403,422	2,103,251	3,951,844	
1998	72,258,932	70,876,436	1,382,496	2,483,177	
1999	72,892,733	71,998,795	893,938	1,534,923	
2000	73,407,341	71,926,676	1,480,665	2,430,360	
2001	73,717,085	72,688,988	1,028,097	1,613,182	
2002	73,891,014	72,995,199	895,815	1,343,701	
2003	74,203,116	72,085,522	2,117,594	3,036,420	
2004	74,439,553	72,235,512	2,204,041	3,021,161	
2005	68,331,706	66,713,059	1,618,647	2,121,005	
2006	68,667,316	64,971,648	3,695,668	4,629,322	
2007	69,385,290	65,385,113	4,000,177	4,790,037	
2008	69,990,153	67,418,461	2,571,692	2,943,836	
2009	70,622,540	67,434,698	3,187,842	3,488,402	
2010	71,851,155	68,406,585	3,444,570	3,603,293	
2011	72,988,983				8,607,368
			TOTAL	(64,381,615)	

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM COST COMPONENT  
UNDER ARTICLE 28  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year	Calculated Components as of 01/01/2010	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2011	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(5,126,647)	
1969	1,295,607	1,314,941	(19,334)	(128,244)	
1970	1,624,569	2,041,108	(416,539)	(2,641,296)	
1971	2,716,584	2,845,550	(128,966)	(781,755)	
1972	8,038,463	7,857,023	181,440	1,051,391	
1973	9,890,316	8,934,684	955,632	5,293,669	
1974	11,581,491	7,472,377	4,109,114	21,759,528	
1975	13,584,548	12,965,036	619,512	3,136,072	
1976	12,862,489	15,656,909	(2,794,420)	(13,522,693)	
1977	16,203,699	15,445,746	757,953	3,506,299	
1978	17,811,770	12,906,948	4,904,822	21,690,267	
1979	16,414,289	27,062,599	(10,648,310)	(45,015,019)	
1980	20,926,898	21,561,704	(634,806)	(2,565,388)	
1981	23,731,024	14,924,917	8,806,107	34,019,736	
1982	27,994,510	36,966,205	(8,971,695)	(33,132,681)	
1983	38,953,367	49,334,929	(10,381,562)	(36,650,498)	
1984	45,597,671	45,517,432	80,239	270,794	
1985	50,064,444	56,783,089	(6,718,645)	(21,675,496)	
1986	52,858,915	30,809,854	22,049,061	68,000,572	
1987	50,737,631	51,359,647	(622,016)	(1,833,830)	
1988	51,262,231	50,654,835	607,396	1,711,846	
1989	52,638,942	69,131,749	(16,492,807)	(44,434,710)	
1990	61,053,824	47,212,462	13,841,362	35,648,537	
1991	60,874,529	59,177,025	1,697,504	4,179,350	
1992	67,460,598	72,160,742	(4,700,144)	(11,062,269)	
1993	68,749,547	62,491,809	6,257,738	14,079,445	
1994	63,898,029	72,700,847	(8,802,818)	(18,933,244)	
1995	68,079,888	65,023,889	3,055,999	6,283,356	
1996	72,757,439	68,296,146	4,461,293	8,768,681	
1997	75,655,465	82,662,153	(7,006,688)	(13,165,014)	
1998	80,540,695	77,734,742	2,805,953	5,039,924	
1999	85,257,123	94,936,960	(9,679,837)	(16,620,605)	
2000	82,629,018	103,431,917	(20,802,899)	(34,145,835)	
2001	93,016,856	61,532,014	31,484,842	49,402,679	
2002	85,771,950	88,214,191	(2,442,241)	(3,663,301)	
2003	83,744,266	113,391,880	(29,647,614)	(42,511,745)	
2004	101,188,966	77,477,460	23,711,506	32,502,251	
2005	74,627,763	58,088,434	16,539,329	21,672,413	
2006	78,870,408	83,620,114	(4,749,706)	(5,949,648)	
2007	107,219,400	76,223,977	30,995,423	37,115,657	
2008	116,344,345	117,915,033	(1,570,688)	(1,797,979)	
2009	101,411,014	114,620,025	(13,209,011)	(14,454,401)	
2010	112,332,537	126,045,953	(13,713,416)	(14,345,332)	
2011	115,496,767				106,471,604
			Total	(9,025,163)	
Delta Habitat Conservation and Conveyance Program charges:					2,422,713
Net Minimum Charges:					<u>108,894,317</u>

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2011

Transportation Components	Transportation Charges		
	Calculated 1/1/2010	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	72,988,983	8,607,368	(64,381,615)
Capital Cost Component difference to be amortized			(64,381,615)
Divided by remaining water deliveries 1/			29,323,376 *
Unit rate for amortizing difference 2/			(2.195573)
Unit rate applied to 2011 deliveries of		1,911,500 acre feet	(4,196,838)
Plus calculated 2011 Capital Cost Component			<u>72,988,983</u>
Adjusted Capital Cost Component			<u><u>68,792,145</u></u>

1/ Reduced to present worth at 4.608%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Delta Habitat Conservation and Conveyance Program Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	12,900,476
2010	15,953,554
2011	2,422,713
Total	32,883,456

1. Total DHCCP costs are included as a line item in Attachment 4B and invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge

Attachment 10  
Revised 11/1/2010



Mr. Devendra N. Upadhyay, Group Manager  
June 30, 2011  
Page 2

If you have any questions concerning these charges, please contact Lisa Toms of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown". The signature is written in a cursive style with a long horizontal stroke extending to the right from the end of the name.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)



Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
CHARGES FOR A WATER SUPPLY  
IN 2011

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Invoice No: 11-014-T-Revised

Date: June 30, 2011

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 10,930,466	\$ 7,774,939	\$ 13,304,824	\$ 28,982,580	\$ 4,333,405	\$ 8,471,345	\$ 73,797,559
February 1					4,333,405	8,471,345	12,804,750
March 1					4,333,405	8,471,344	12,804,749
April 1					4,333,405	8,471,344	12,804,749
May 1					4,333,405	8,471,344	12,804,749
June 1					4,333,405	8,471,344	12,804,749
July 1	10,930,466	7,774,939	10,604,307	23,304,032	4,333,405	8,471,344	65,418,493
August 1					4,333,405	8,471,344	12,804,749
September 1					4,333,405	8,471,344	12,804,749
October 1					4,333,405	8,471,344	12,804,749
November 1					4,333,404	8,471,344	12,804,748
December 1					4,333,404	8,471,344	12,804,748
<b>Total:</b>	<b>\$ 21,860,932</b>	<b>\$ 15,549,878</b>	<b>\$ 23,909,131</b>	<b>\$ 52,286,612</b>	<b>\$ 52,000,858</b>	<b>\$ 101,656,130</b>	<b>\$ 267,263,541</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$14.72245063
- B/ 1,911,500 acre feet @ \$27.20421547
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$13,133,477)
  - Agricultural Rate Reduction Credit \$0

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-

CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2011  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$37,410,810	\$37,410,810
CAPITAL COST COMPONENT:		
Delta Water Charge	\$28,141,964	\$28,141,964
Less Urban Rate Reduction Credit	<u>4,232,833</u>	<u>4,232,833</u>
Transportation Charge	68,792,145	68,792,145
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,604,889
Less Urban Rate Reduction Credit	<u>8,900,644</u>	<u>8,900,644</u>
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	52,000,858	52,000,858
Transportation Charge	108,894,317	108,894,317
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		<u>7,238,187</u>
Subtotal:		<u>\$267,263,541</u>
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,604,889
OPERATION AND MAINTENANCE		7,238,187
Subtotal:		<u>\$14,843,076</u>
<b>Total charges for Calendar Year 2011:</b>	<u><u>\$282,106,617</u></u>	<u><u>\$282,106,617</u></u>

A/ In compliance with Article 22.

Attachment 1B  
Revised 06/30/2011

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**IN 2011**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$28,141,964	(\$4,232,833)	\$23,909,131
Transportation Charge	61,187,256	(8,900,644)	52,286,612
Total	<u>\$89,329,220</u>	<u>(\$13,133,477)</u>	<u>\$76,195,743</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2011  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>		<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>	
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	29,719	14.33048005	425,888
East Branch Reach 26A, 28H and 28J	862,719	131.06123340	113,069,016
West Branch Reach 30	819,062	124.45527690	101,936,588
		Sub total	215,431,492
			Net adjustment per redetermination of pre-2011 charges 2/ (43,188,561)
			Estimated Year 2011 Replacement Accounting System (RAS) Charges 2/ 3,326,936
			Prior years RAS over and under adjustments 2/ (4,697,428)
			<u><u>170,872,439</u></u>
Total Estimated 2011 Charges			<u><u>170,872,439</u></u>

1/ Derived by dividing column (4) by column (2).  
 2/ Will be applied 1/12 monthly to the actual 2011 water delivery billings.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2011

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2012.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 12-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$38,530,015
Capital Cost Component		
Delta Water Charge	\$27,056,542	
Less Rate Management Rebate Under Monterey Amendment	<u>1,532,316</u>	
		25,524,226
Transportation Charge	62,349,463	
Less Rate Management Rebate Under Monterey Amendment	<u>3,222,097</u>	
		59,127,366
Minimum Operation, Maintenance, Power, and Replacement Component		
Delta Water Charge		56,883,556
Transportation Charge		<u>102,209,183</u>
Total for Invoice No. 12-014-T		<u>\$282,274,346</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 12-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,619,422
Article 17 (b)		
Operation and Maintenance		<u>6,837,395</u>
Total for Invoice No. 12-002-DCC		<u>\$14,456,817</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2011  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2012 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$117,508,346

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent" and are applied against the payments to be made in 2012. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

Your 2012 Off-Aqueduct Facility charge, Invoice No. 12-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$97,541,972

Enclosed is 2012 Replacement Account System Charge for Conservation Facilities, Invoice No. 12-014-U, Attachment 1-2:

Conservation Replacement Account System Charge \$2,403,241

The 2012 East Branch Enlargement Facilities Transportation Charge, Invoice No. 12-004-E, Attachment 1-3 is:

Capital Cost Component \$31,719,878  
Minimum Operation, Maintenance, Power and Replacement Component 6,041,609

Total East Branch Enlargement Facilities \$37,761,487

The 2012 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 12-007-TAB, Attachment 1-6 is:

Capital Cost Component

Tehachapi Second Afterbay Facilities \$5,058,426

Enclosed are Attachment 8 and 9 showing the charges under executed agreements for Municipal Water Quality Investigations (MWQI) and Bay-Delta Conservation Plan (BDCP), respectively. The MWQI charges for 2010 include a true-up for calendar years 2008-2010 as called for in the executed agreement. The MWQI and BDCP charges are included in the annual statement of Charges under the Transportation Minimum OMP&R component.

The Transportation Minimum charges included in Attachment 4B do not include a separate line item charge for the Delta Habitat Conservation and Conveyance Program (DHCCP). The Department currently has no authority to recover projected DHCCP costs beyond 2010.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2011  
Page Three

Transportation and Conservation Capital charges include 25% of the projected Rate Management rebate under the Monterey Amendment for 2012.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown". The signature is written in a cursive style with a long horizontal stroke at the end of the name.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Certified Mail

cc: (See attached list.)



Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-014-T

Date: June 30, 2011

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,343,009	\$ 7,921,999	\$ 11,995,955	\$ 27,952,635	\$ 4,740,297	\$ 8,517,432	\$ 72,471,327
February 1					4,740,297	8,517,432	13,257,729
March 1					4,740,297	8,517,432	13,257,729
April 1					4,740,297	8,517,432	13,257,729
May 1					4,740,296	8,517,432	13,257,728
June 1					4,740,296	8,517,432	13,257,728
July 1	11,343,008	7,921,999	13,528,271	31,174,731	4,740,296	8,517,432	77,225,737
August 1					4,740,296	8,517,432	13,257,728
September 1					4,740,296	8,517,432	13,257,728
October 1					4,740,296	8,517,432	13,257,728
November 1					4,740,296	8,517,432	13,257,728
December 1					4,740,296	8,517,431	13,257,727
<b>Total:</b>	<b>\$ 22,686,017</b>	<b>\$ 15,843,998</b>	<b>\$ 25,524,226</b>	<b>\$ 59,127,366</b>	<b>\$ 56,883,556</b>	<b>\$ 102,209,183</b>	<b>\$ 282,274,346</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$14.15461251
- B/ 1,911,500 acre feet @ \$29.75859592
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$4,754,413)
  - Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2012

Invoice No: 12-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Date: June 30, 2011

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,809,711	\$ 366,707	\$ 203,077	\$ 4,379,495
February 1		366,707	203,077	569,784
March 1		366,707	203,077	569,784
April 1		366,707	203,077	569,784
May 1		366,706	203,077	569,783
June 1		366,706	203,077	569,783
July 1	3,809,711	366,706	203,077	4,379,494
August 1		366,706	203,076	569,782
September 1		366,706	203,076	569,782
October 1		366,706	203,076	569,782
November 1		366,706	203,076	569,782
December 1		366,706	203,076	569,782
<b>Total:</b>	<b>\$ 7,619,422</b>	<b>\$ 4,400,476</b>	<b>\$ 2,436,919</b>	<b>\$ 14,456,817</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2012  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$38,530,015	\$38,530,015
CAPITAL COST COMPONENT:		
Delta Water Charge	\$27,056,542	\$27,056,542
Less Urban Rate Reduction Credit	1,532,316	25,524,226
Transportation Charge	69,968,885	69,968,885
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,619,422
Less Urban Rate Reduction Credit	3,222,097	66,746,788
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	56,883,556	56,883,556
Transportation Charge	109,046,578	109,046,578
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,837,395
Subtotal:		102,209,183
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,619,422
OPERATION AND MAINTENANCE		6,837,395
Subtotal:		\$14,456,817
<b>Total charges for Calendar Year 2012:</b>	<b>\$296,731,163</b>	<b>\$296,731,163</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2011

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**IN 2012**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$27,056,542	(\$1,532,316)	\$25,524,226
Transportation Charge	62,349,463	(3,222,097)	59,127,366
Total	<u>\$89,406,005</u>	<u>(\$4,754,413)</u>	<u>\$84,651,592</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-013-O  
 Date: June 30, 2011  
 Contract No: 160157

[in dollars]

<u>Due on or Before</u>	<u>Debt Service</u>	<u>Cover</u>	<u>Maintenance</u>	<u>RG4 Separation</u>	<u>Amount</u>
January 1	\$2,721,000	\$680,250	\$4,632,278	\$94,970	\$8,128,498
February 1	2,721,000	680,250	4,632,278	94,970	8,128,498
March 1	2,721,000	680,250	4,632,278	94,970	8,128,498
April 1	2,721,000	680,250	4,632,278	94,970	8,128,498
May 1	2,721,000	680,250	4,632,278	94,970	8,128,498
June 1	2,721,000	680,250	4,632,278	94,970	8,128,498
July 1	2,721,000	680,250	4,632,278	94,970	8,128,498
August 1	2,721,000	680,250	4,632,278	94,970	8,128,498
September 1	2,721,000	680,250	4,632,278	94,970	8,128,498
October 1	2,721,000	680,250	4,632,277	94,970	8,128,497
November 1	2,721,000	680,250	4,632,277	94,970	8,128,497
December 1	2,720,999	680,250	4,632,277	94,970	8,128,496
<b>Total:</b>	<b>\$32,651,999</b>	<b>\$8,163,000</b>	<b>\$55,587,333</b>	<b>\$1,139,640</b>	<b>\$97,541,972</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Invoice No: 12-014-U  
Date: June 30, 2011  
Contract No: 160157

[in dollars]

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<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$200,271
February 1	200,270
March 1	200,270
April 1	200,270
May 1	200,270
June 1	200,270
July 1	200,270
August 1	200,270
September 1	200,270
October 1	200,270
November 1	200,270
December 1	200,270
Total:	<u><u>\$2,403,241</u></u>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-004-E  
 Date: June 30, 2011  
 Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 503,468	\$ 503,468
February 1				503,468	503,468
March 1	\$ 5,762,289	\$ 3,145,866	\$ 925,160	503,468	10,336,783
April 1				503,468	503,468
May 1				503,468	503,468
June 1				503,467	503,467
July 1				503,467	503,467
August 1				503,467	503,467
September 1	15,750,832	3,145,865	2,989,866	503,467	22,390,030
October 1				503,467	503,467
November 1				503,467	503,467
December 1				503,467	503,467
<b>Total:</b>	<b>\$ 21,513,121</b>	<b>\$ 6,291,731</b>	<b>\$ 3,915,026</b>	<b>\$ 6,041,609</b>	<b>\$ 37,761,487</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-007-TAB

Date: June 30, 2011

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,023,371	\$ 505,843	\$ 2,529,214
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,023,370	505,842	2,529,212
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,046,741</b>	<b>\$ 1,011,685</b>	<b>\$ 5,058,426</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (TABLE C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,784	65,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,138	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,962	221,554	480,152	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,842	3,938,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,712	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,171	1,518,387	12,598,159	14,116,546	1,711,561	0	15,828,107	0	0	15,828,107	
1969	0	130,799,064	2,344,921	20,063,016	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,650	4,933,190	37,904,125	42,837,315	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,800	37,374,984	5,318,452	46,352,949	51,669,401	8,934,624	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	18,707,208	5,763,757	47,787,959	53,551,718	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,380	6,119,860	44,068,887	50,188,747	12,985,036	4,183,244	67,317,027	5,073,288	0	72,390,313	
1976	655,800	12,035,616	6,481,418	43,825,841	50,307,059	15,658,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	11,067,905	6,845,330	43,815,744	50,661,074	15,445,746	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,699	7,220,783	44,308,381	51,529,164	12,906,948	7,850,079	72,288,191	9,018,389	0	81,302,580	
1979	956,600	27,165,748	7,635,833	44,709,391	52,345,224	27,062,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,618	8,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	66,430,644	75,249,805	14,924,917	8,679,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,800	29,493,600	9,311,198	28,876,871	38,187,869	36,968,205	9,181,112	84,335,186	23,998,580	0	108,333,766	
1983	1,358,000	23,110,146	9,900,019	50,917,073	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	0	134,153,570	
1984	1,458,300	14,829,380	10,481,447	72,953,999	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	0	149,825,396	
1985	1,558,700	9,164,110	11,044,875	52,251,809	63,296,684	56,783,089	(6,788,098)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,615	11,803,626	61,886,291	73,692,917	63,009,854	8,687,441	99,383,586	25,089,858	0	124,473,444	
1987	1,759,800	6,204,096	12,180,264	50,899,921	63,080,185	51,359,847	7,935,489	122,375,681	28,095,043	0	150,470,724	
1988	1,860,400	6,203,848	12,778,919	51,384,460	64,163,379	50,854,835	(8,903,510)	105,914,704	28,781,238	2,642,354	137,238,296	
1989	1,961,000	17,262,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,351,958)	128,867,106	32,505,376	4,587,841	165,960,323	
1990	2,011,500	16,019,198	14,139,687	51,143,869	65,283,556	47,212,462	24,090,472	136,566,490	33,616,369	4,037,860	174,219,719	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,676,185	6,259,893	187,791,187	
1992	2,011,500	19,184,149	15,729,249	51,029,318	66,758,587	57,160,742	(14,938,492)	124,280,817	40,763,329	8,435,312	173,483,458	
1993	2,011,500	25,797,106	16,803,139	48,114,082	64,717,201	62,491,809	(45,542,508)	81,666,502	40,859,579	8,885,273	133,411,354	
1994	2,011,500	14,175,365	17,579,456	48,372,500	65,951,956	72,700,847	10,248,885	148,901,688	39,158,173	8,926,755	196,986,616	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,491	65,023,889	(8,047,784)	124,547,596	41,903,674	10,539,433	176,991,293	
1996	2,011,500	19,741,116	19,494,589	48,064,826	67,559,385	68,298,146	8,093,981	143,949,522	41,195,923	12,810,361	198,155,806	
1997	2,011,500	12,059,284	20,582,904	48,820,518	69,403,422	82,662,153	(1,594,566)	150,471,009	45,548,810	13,168,230	213,188,069	
1998	2,011,500	10,062,044	21,854,134	49,222,302	70,876,436	77,734,742	(8,107,455)	142,503,723	45,855,992	12,662,288	204,921,993	
1999	2,011,500	8,103,221	22,760,285	49,238,509	71,998,794	94,936,960	(8,535,154)	156,400,800	47,422,430	17,454,651	221,287,881	
2000	2,011,500	4,735,580	23,901,418	48,025,260	71,926,676	103,431,917	39,588,478	214,947,071	48,169,576	19,805,800	244,922,447	
2001	2,011,500	2,615,653	25,080,087	47,828,901	72,888,988	61,532,014	94,288,088	228,507,090	48,180,135	19,490,499	296,197,684	
2002	2,011,500	4,777,093	26,248,584	46,746,815	72,995,199	88,214,191	68,188,773	229,398,163	48,896,394	20,091,004	318,385,561	
2003	2,011,500	2,508,968	27,522,942	44,562,580	72,085,522	113,391,880	83,653,491	269,130,893	47,869,376	20,920,403	338,920,672	
2004	2,011,500	3,218,350	28,827,559	43,407,953	72,235,512	117,477,460	92,165,180	241,878,132	47,414,032	20,941,743	369,833,907	
2005	1,911,500	5,460,107	30,205,256	36,507,803	66,713,059	58,088,434	112,280,500	237,062,053	49,246,383	19,770,599	306,079,035	
2006	1,911,500	11,491,412	31,685,583	64,971,648	83,620,114	115,993,559	264,585,321	47,416,073	20,330,228	60,701,335	399,032,957	
2007	1,911,500	9,482,980	33,342,831	32,042,282	65,385,113	76,223,977	174,432,589	316,041,679	52,120,489	12,752,863	442,269,868	
2008	1,911,500	9,760,293	35,052,212	32,386,250	67,418,482	117,915,033	88,579,752	253,913,247	53,315,217	19,303,204	412,731,718	
2009	1,911,500	18,517,028	36,857,445	30,577,253	67,434,698	114,820,025	72,182,125	254,236,848	56,268,144	21,153,536	431,658,528	
2010	1,911,500	15,448,797	38,939,752	29,468,833	68,406,585	126,045,953	82,902,324	277,354,862	72,808,845	20,240,944	530,404,651	
2011	1,911,500	15,960,647	41,076,365	27,715,780	68,792,145	108,471,604	141,148,556	318,412,305	80,142,822	37,410,810	435,963,937	
2012	1,911,500	32,503,098	43,347,398	26,821,487	69,968,885	109,046,578	115,110,006	294,125,469	83,940,098	38,530,015	472,605,972	
2013	1,911,500	52,523,654	45,541,520	26,102,477	71,843,997	108,878,884	154,813,368	335,336,213	83,940,098	40,343,341	569,120,659	
2014	1,911,500	47,919,593	48,549,351	26,386,838	74,936,189	109,343,184	104,829,024	288,908,397	83,940,098	41,744,280	653,601,899	
2015	1,911,500	558,187	51,310,133	26,327,028	77,837,161	110,393,507	104,880,442	292,711,110	83,940,098	43,807,555	429,304,001	
2016	1,911,500	558,187	52,047,258	26,005,419	78,052,077	111,497,442	107,545,973	295,096,092	83,940,098	43,990,667	429,086,895	
2017	1,911,500	558,187	50,831,716	21,872,211	72,503,927	112,612,415	103,702,041	288,818,383	83,940,098	43,998,442	422,816,825	
2018	1,911,500	558,187	48,757,044	19,428,822	68,183,698	113,738,539	115,158,141	295,080,348	83,940,098	38,850,518	423,930,946	
2019	1,911,500	558,187	41,732,275	17,377,463	59,109,738	114,875,926	108,223,488	280,209,152	83,940,098	41,480,576	403,699,826	
2020	1,911,500	558,187	36,942,963	15,554,883	52,497,846	115,964,408	109,022,088	277,484,122	83,940,098	38,447,272	395,931,494	
2021	1,911,500	0	30,935,168	13,963,932	44,899,098	117,124,054	106,533,446	268,558,598	83,940,098	38,727,248	397,285,846	
2022	1,911,500	0	26,418,932	12,804,772	39,023,704	118,295,294	108,897,152	268,216,150	83,940,098	37,570,078	395,786,248	
2023	1,911,500	0	26,153,155	11,403,575	37,556,730	119,478,248	112,818,791	269,853,769	83,940,098	37,285,994	397,139,763	
2024	1,911,500	0	25,433,812	10,219,806	35,653,218	120,873,032	106,990,646	263,317,096	83,940,098	35,980,324	399,307,420	
2025	1,911,500	0	25,745,505	9,058,812	34,802,317	121,879,759	111,785,605	268,447,881	83,940,098	32,849,947	401,297,828	
2026	1,911,500	0	28,178,128	7,878,485	34,054,593	123,098,558	108,137,980	265,291,129	83,940,098	30,009,368	405,290,497	
2027	1,911,500	0	28,762,888	6,678,730	33,441,618	124,329,542	109,750,181	267,521,321	83,940,098	32,932,031	400,453,352	
2028	1,911,500	0	27,426,544	5,451,384	32,877,928	125,572,939	111,310,897	269,781,734	83,940,098	25,480,994	395,262,732	
2029	1,911,500	0	27,908,582	4,195,835	32,104,417	126,828,566	107,559,893	268,482,878	83,940,098	27,570,888	396,053,766	
2030	1,911,500	0	27,795,847	2,925,015	30,720,862	128,098,853	109,109,835	267,927,350	83,940,098	1,089,858	369,017,208	
2031	1,911,500	0	28,132,350	1,878,806	27,809,156	129,377,821	113,518,937	270,705,914</				

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2011	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(5,919,551)	
1964	1,260,513	1,305,950	(45,437)	(395,300)	
1965	2,180,589	701,706	1,478,883	12,299,129	
1966	3,900,172	4,340,884	(440,712)	(3,503,663)	
1967	7,693,704	5,655,301	2,038,403	15,491,164	
1968	14,345,147	14,116,546	228,601	1,660,729	
1969	21,857,456	22,407,937	(550,481)	(3,822,875)	
1970	28,992,595	30,498,028	(1,505,433)	(9,993,923)	
1971	37,242,412	29,828,838	7,413,574	47,046,673	
1972	44,062,124	42,837,315	1,224,809	7,430,128	
1973	46,299,579	51,669,401	(5,369,822)	(31,139,725)	
1974	48,322,677	53,551,716	(5,229,039)	(28,987,020)	
1975	49,285,083	50,188,747	(903,664)	(4,788,675)	
1976	50,137,294	50,307,059	(169,765)	(859,970)	
1977	50,827,166	50,661,074	166,092	804,284	
1978	51,426,581	51,529,164	(102,583)	(474,860)	
1979	52,230,345	52,345,224	(114,879)	(508,343)	
1980	53,637,413	53,914,935	(277,522)	(1,173,923)	
1981	56,667,438	75,249,805	(18,582,367)	(75,139,847)	
1982	57,465,063	38,187,869	19,277,194	74,514,345	
1983	59,037,473	60,817,092	(1,779,619)	(6,575,819)	
1984	60,313,582	83,435,446	(23,121,864)	(81,671,872)	
1985	61,144,631	63,296,684	(2,152,053)	(7,266,570)	
1986	61,666,347	61,886,291	(219,944)	(709,928)	
1987	62,094,711	63,080,185	(985,474)	(3,040,710)	
1988	62,452,915	64,163,379	(1,710,464)	(5,045,113)	
1989	62,796,239	65,087,315	(2,291,076)	(6,459,861)	
1990	63,762,461	65,283,556	(1,521,095)	(4,099,839)	
1991	64,677,357	66,131,997	(1,454,640)	(3,747,940)	
1992	65,776,355	66,758,567	(982,212)	(2,419,185)	
1993	66,905,044	64,717,201	2,187,843	5,151,183	
1994	68,486,625	65,951,956	2,534,669	5,704,781	
1995	69,373,544	67,571,491	1,802,053	3,877,145	
1996	70,251,060	67,559,395	2,691,665	5,535,951	
1997	71,530,956	69,403,422	2,127,534	4,182,873	
1998	72,283,441	70,876,436	1,407,005	2,644,358	
1999	72,917,428	71,998,795	918,633	1,650,416	
2000	73,432,183	71,926,676	1,505,507	2,585,599	
2001	73,742,016	72,688,988	1,053,028	1,728,802	
2002	73,915,850	72,995,199	920,651	1,444,864	
2003	74,232,444	72,085,522	2,146,922	3,220,884	
2004	74,468,950	72,235,512	2,233,438	3,203,019	
2005	68,353,111	66,713,059	1,640,052	2,248,382	
2006	68,688,841	64,971,648	3,717,193	4,871,406	
2007	69,406,976	65,385,113	4,021,863	5,038,407	
2008	70,008,639	67,418,461	2,590,178	3,101,862	
2009	70,640,713	67,434,698	3,206,015	3,670,161	
2010	71,863,591	68,406,585	3,457,006	3,783,086	
2011	72,905,400	68,792,145	4,113,255	4,302,878	
2012	74,006,055				13,454,052
			<b>TOTAL</b>	<b>(60,552,003)</b>	

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM COST COMPONENT  
UNDER ARTICLE 28  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2011	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(5,367,396)	
1969	1,295,607	1,314,941	(19,334)	(134,264)	
1970	1,624,569	2,041,108	(416,539)	(2,765,226)	
1971	2,716,584	2,845,550	(128,966)	(818,420)	
1972	8,038,463	7,857,023	181,440	1,100,680	
1973	9,890,316	8,934,684	955,632	5,541,731	
1974	11,581,491	7,472,377	4,109,114	22,778,750	
1975	13,584,548	12,965,036	619,512	3,282,904	
1976	12,862,489	15,656,909	(2,794,420)	(14,155,558)	
1977	16,203,699	15,445,746	757,953	3,670,324	
1978	17,811,770	12,906,948	4,904,822	22,704,509	
1979	16,414,289	27,062,599	(10,648,310)	(47,119,030)	
1980	20,926,898	21,561,704	(634,806)	(2,685,244)	
1981	23,731,024	14,924,917	8,806,107	35,608,464	
1982	27,994,510	36,966,205	(8,971,695)	(34,679,320)	
1983	38,953,367	49,334,929	(10,381,562)	(38,360,616)	
1984	45,597,671	45,517,432	80,239	283,424	
1985	50,064,444	56,783,089	(6,718,645)	(22,686,010)	
1986	52,858,915	30,809,854	22,049,061	71,169,408	
1987	50,737,631	51,359,647	(622,016)	(1,919,251)	
1988	51,262,231	50,654,835	607,396	1,791,550	
1989	52,638,942	69,131,749	(16,492,807)	(46,502,705)	
1990	61,053,824	47,212,462	13,841,362	37,306,910	
1991	60,874,529	59,177,025	1,697,504	4,373,690	
1992	67,460,598	72,160,742	(4,700,144)	(11,576,444)	
1993	68,749,547	62,491,809	6,257,738	14,733,577	
1994	63,898,029	72,700,847	(8,802,818)	(19,812,505)	
1995	68,079,888	65,023,889	3,055,999	6,575,029	
1996	72,757,439	68,296,146	4,461,293	9,175,548	
1997	75,655,465	82,662,153	(7,006,688)	(13,775,608)	
1998	80,540,695	77,734,742	2,805,953	5,273,575	
1999	86,588,229	94,936,960	(8,348,731)	(14,999,338)	
2000	82,987,467	103,431,917	(20,444,450)	(35,111,861)	
2001	93,021,412	61,532,014	31,489,398	51,697,504	
2002	85,536,695	88,214,191	(2,677,496)	(4,202,047)	
2003	83,746,739	113,391,880	(29,645,141)	(44,474,630)	
2004	101,196,674	77,477,460	23,719,214	34,016,208	
2005	81,153,282	58,088,434	23,064,848	31,620,083	
2006	77,325,790	83,620,114	(6,294,324)	(8,248,754)	
2007	106,623,230	76,223,977	30,399,253	38,082,805	
2008	118,528,338	117,915,033	613,305	734,462	
2009	101,997,669	114,620,025	(12,622,356)	(14,449,740)	
2010	101,309,357	126,045,953	(24,736,596)	(27,069,881)	
2011	106,189,476	106,471,604	(282,128)	(295,132)	
2012	118,734,423				109,046,578
			Total	(9,687,845)	
Net Minimum Charges:					109,046,578

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2011	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	663,371	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,141,850)	
1974	277,717	1,872,297	1,753,039	119,258	661,102	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,463,060)	
1976	618,451	5,485,263	4,952,315	532,948	2,699,730	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,735,820)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(19,227,325)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	35,372,438	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(14,418,302)	
1981	795,846	10,862,932	8,679,376	2,183,556	8,829,449	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(5,782,445)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(11,090,319)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	919,084	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(30,224,632)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(17,920,487)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(33,764,811)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	16,209,532	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	41,843,884	
1990	1,396,423	30,759,725	24,090,472	6,669,253	17,975,776	
1991	391,447	184,870	20,546,087	(20,361,217)	(52,461,532)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	12,727,454	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	56,668,571	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(13,930,037)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	6,781,160	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(12,822,928)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	7,910,062	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(12,190,543)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,378,560)	
2000	1,522,412	(16,036,814)	39,588,478	(55,625,292)	(95,532,409)	
2001	970,869	160,090,738	94,286,088	65,804,650	108,034,336	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(13,102,278)	
2003	1,649,639	94,300,964	83,653,491	10,647,473	15,973,695	
2004	1,582,735	106,695,370	92,165,160	14,530,210	20,838,071	
2005	1,528,045	113,875,815	112,260,560	1,615,255	2,214,387	
2006	1,512,186	86,466,665	115,993,559	(29,526,894)	(38,695,190)	
2007	1,350,477	139,017,157	174,432,589	(35,415,432)	(44,366,845)	
2008	719,069	85,562,619	68,579,752	16,982,867	20,337,793	
2009	787,605	54,665,587	72,182,125	(17,516,538)	(20,052,471)	
2010	1,150,507	91,505,191	82,902,324	8,602,867	9,414,334	
2011	1,628,643	184,337,117	141,148,556	43,188,561	45,179,554	
2012	1,146,906	127,158,067				115,110,006
				TOTAL	(12,048,061)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2012

Transportation Components	Transportation Charges		
	Calculated 1/1/2011	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	74,006,055	13,454,052	(60,552,003)
Capital Cost Component difference to be amortized			(60,552,003)
Divided by remaining water deliveries 1/			28,669,872 *
Unit rate for amortizing difference 2/			(2.112043)
Unit rate applied to 2012 deliveries of		1,911,500 acre feet	(4,037,170)
Plus calculated 2012 Capital Cost Component			74,006,055
Adjusted Capital Cost Component			69,968,885

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1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2011	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,676)	
1989	8,978,504	8,991,417	(12,913)	(34,993)	
1990	8,983,597	9,020,145	(36,548)	(90,972)	
1991	8,983,717	9,009,739	(26,022)	(59,736)	
1992	17,989,315	18,053,820	(64,505)	(138,108)	
1993	18,742,682	18,754,578	(11,896)	(24,203)	
1994	18,591,099	18,705,728	(114,629)	(223,178)	
1995	18,556,603	16,729,731	1,826,872	3,395,329	
1996	18,647,406	20,262,394	(1,614,988)	(2,835,754)	
1997	19,545,322	19,141,671	403,651	671,126	
1998	19,966,108	19,092,267	873,841	1,375,289	
1999	20,947,475	20,301,335	646,140	962,886	
2000	22,957,586	17,085,146	5,872,440	8,315,537	
2001	22,965,748	31,847,016	(8,881,268)	(11,819,995)	
2002	22,425,318	22,276,589	148,729	188,757	
2003	19,087,337	22,768,985	(3,681,648)	(4,551,482)	
2004	20,695,237	19,038,306	1,656,931	2,013,567	
2005	15,518,826	17,204,043	(1,685,217)	(2,014,857)	
2006	21,996,927	17,589,839	4,407,088	5,115,326	
2007	21,205,490	20,041,387	1,164,103	1,291,166	
2008	19,897,389	21,870,151	(1,972,762)	(2,080,923)	
2009	20,446,052	20,084,800	361,252	369,436	
2010	20,999,819	20,584,992	414,827	419,091	
2011	31,410,451	31,388,323	22,128	22,240	
2012	31,465,005 *				31,719,878
				254,873	

\* Included in the 2012 calculated component is \$6,291,731 for East Branch Enlargement Bond Cover and \$3,915,026 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2011	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(198,634)	
1992	0	339,060	(339,060)	(725,941)	
1993	0	(68,950)	68,950	140,281	
1994	2,174,776	(213,745)	2,388,521	4,650,352	
1995	1,895,643	2,839,696	(944,053)	(1,754,567)	
1996	1,990,213	2,810,767	(820,554)	(1,440,809)	
1997	2,642,077	1,296,887	1,345,190	2,236,567	
1998	2,915,152	1,850,818	1,064,334	1,675,096	
1999	1,599,081	3,847,978	(2,248,897)	(3,351,336)	
2000	2,782,398	2,949,526	(167,128)	(236,658)	
2001	2,137,804	13,032,437	(10,894,633)	(14,499,564)	
2002	2,724,355	(5,934,164)	8,658,519	10,988,825	
2003	3,224,991	1,352,030	1,872,961	2,315,471	
2004	3,487,487	3,040,705	446,782	542,947	
2005	3,152,404	2,605,075	547,329	654,390	
2006	3,376,584	4,317,052	(940,468)	(1,091,605)	
2007	4,831,100	4,321,833	509,267	564,854	
2008	6,164,148	3,665,831	2,498,317	2,635,293	
2009	6,957,786	7,003,623	(45,837)	(46,875)	
2010	4,934,468	4,362,778	571,690	577,566	
2011	5,295,305	8,607,829	(3,312,524)	(3,329,352)	
2012	5,735,308				6,041,609
				306,301	



State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2012  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>		<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>	
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	166,665	18.45244975	3,075,378
East Branch Reach 26A, 28H and 28J West Branch	574,704	128.54458833	73,875,089
Reach 30	405,537	123.80522603	50,207,600
Sub total			127,158,067
Net adjustment per redetermination of pre-2012 charges 2/			(12,048,061)
Estimated Year 2012 Replacement Accounting System (RAS) Charges 2/			6,675,397
Prior years RAS over and under adjustments 2/			(4,277,057)
Total Estimated 2012 Charges			<u>117,508,346</u>

1/ Derived by dividing column (4) by column (2).

2/ Will be applied 1/12 monthly to the actual 2012 water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California**

(in dollars)

Year	Capital Cost Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	31,388,323	8,607,829	39,996,152
2012	31,719,878	6,041,609	37,761,487
2013	31,141,003	5,467,823	36,608,826
2014	31,338,360	5,467,825	36,806,185
2015	32,159,977	5,467,825	37,627,802
2016	32,246,306	5,467,825	37,714,131
2017	33,017,208	5,467,825	38,485,033
2018	32,231,364	5,467,825	37,699,189
2019	33,188,422	5,467,825	38,656,247
2020	31,706,634	5,467,825	37,174,459
2021	32,380,483	5,467,825	37,848,308
2022	32,081,290	5,467,825	37,549,115
2023	26,550,163	5,467,825	32,017,988
2024	27,450,163	5,467,825	32,917,988
2025	31,363,740	5,467,825	36,831,565
2026	11,468,392	5,467,825	16,936,217
2027	11,735,870	5,467,825	17,203,695
2028	7,532,579	5,467,825	13,000,404
2029	7,895,807	5,467,825	13,363,632
2030	0	5,467,825	5,467,825
2031	0	5,467,825	5,467,825
2032	0	5,467,825	5,467,825
2033	0	5,467,825	5,467,825
2034	0	5,467,825	5,467,825
2035	0	5,467,825	5,467,825
<b>Total</b>	<b>925,606,213</b>	<b>193,915,177</b>	<b>1,119,521,390</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs <sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,450,106
2011	1,937,973
2012	1,937,971
<b>Total</b>	<b>23,835,835</b>

- Under the Municipal Water Quality Agreement executed in 1994, 1997, 2003, 2006, 2008, and 2010 these costs are included in the annual Statements of Charges under the Transportation minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2007	1,388,732
2008	1,376,523
2009	688,188
2010	916,348
2011	2,290,799
2012	916,291
Total	7,576,881

1. BDCP charges included in Attachment 4B Calculated Component are being paid on a PAYGO basis invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 9  
June 30, 2011

## FOOTNOTES

### **Attachment 4A**

- 1/ From Table B-15 of Appendix B to Bulletin 132-11, "Management of the California State Water Project".
- 2/ Payments in 2011 are assumed to be equal to those amounts shown on the Statement of Charges for 2011.

### **Attachment 4B**

- 1/ From Table B-16 of Appendix B to Bulletin 132-11.
- 2/ Payments in 2011 are assumed to be equal to those amounts shown on the Statement of Charges for 2011.

### **Attachment 4C**

- 1/ From Table B-5a of Appendix B to Bulletin 132-11.
- 2/ From Table B-18 of Appendix B to Bulletin 132-11.
- 3/ Payments in 2011 are equal to the current calculated component plus the over/under adjustment for prior years.

### **Attachments 4A, 4B, & 4C**

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1+i)^n$ , where "i" equals the current project interest rate of 4.608 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	50	9.52050762	1987	25	3.08553198
1963	49	9.10095365	1988	24	2.94955739
1964	48	8.69988878	1989	23	2.81957498
1965	47	8.31649821	1990	22	2.69532070
1966	46	7.95000307	1991	21	2.57654211
1967	45	7.59965880	1992	20	2.46299790
1968	44	7.26475366	1993	19	2.35445742
1969	43	6.94460726	1994	18	2.25070014
1970	42	6.63856922	1995	17	2.15151528
1971	41	6.34601780	1996	16	2.05670135
1972	40	6.06635867	1997	15	1.96606572
1973	39	5.79902367	1998	14	1.87942426
1974	38	5.54346972	1999	13	1.79660096
1975	37	5.29917763	2000	12	1.71742755
1976	36	5.06565111	2001	11	1.64174319
1977	35	4.84241575	2002	10	1.56939412
1978	34	4.62901802	2003	9	1.50023336
1979	33	4.42502439	2004	8	1.43412041
1980	32	4.23002045	2005	7	1.37092095
1981	31	4.04361003	2006	6	1.31050660
1982	30	3.86541442	2007	5	1.25275461
1983	29	3.69507162	2008	4	1.19754767
1984	28	3.53223556	2009	3	1.14477360
1985	27	3.37657543	2010	2	1.09432521
1986	26	3.22777501	2011	1	1.04610000

- 6/ Derived by adding the sum of items shown in Column (5) to the 2012 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



November 30, 2011

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
Metropolitan Water District of Southern California  
Post Office Box 54153  
Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

Enclosed are revised invoices/attachments to your 2012 Statement of Charges dated July 1, 2011. Please replace and include these invoices/attachments in the Statement Charges package previously sent to you. Please note that not all revisions apply to every contractor.

The revised invoices/attachment includes the following changes:

1. Conservation Minimum Charges:
  - a. Updated Salary and Wage allocation tables for years 2007-2011
2. Transportation Minimum Charges:
  - a. Revised downstream costs from 2005-2006
  - b. Updated Salary and Wage Allocation tables for years 2007-2011
3. Off-Aqueduct Power charges reflect:
  - a. Updated 2012 water deliveries based on initial requests and projected carryover
4. Revised Attachment 3, which summarizes Tables A, C, D, E, F and G of the State Water Supply Contract, to reflect the above revisions

All other attachments to the 2012 Statement of Charges are still valid.

If you have any questions concerning these revisions, please contact Lisa Toms, Chief of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-014-T-Revised

Date: November 30, 2011

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,343,009	\$ 7,921,999	\$ 11,995,955	\$ 27,952,635	\$ 4,718,026	\$ 7,038,444	\$ 70,970,068
February 1					4,718,026	7,038,444	11,756,470
March 1					4,718,026	7,038,444	11,756,470
April 1					4,718,026	7,038,444	11,756,470
May 1					4,718,025	7,038,444	11,756,469
June 1					4,718,025	7,038,444	11,756,469
July 1	11,343,008	7,921,999	13,528,271	31,174,731	4,718,025	7,038,444	75,724,478
August 1					4,718,025	7,038,443	11,756,468
September 1					4,718,025	7,038,443	11,756,468
October 1					4,718,025	7,038,443	11,756,468
November 1					4,718,025	7,038,443	11,756,468
December 1					4,718,025	7,038,443	11,756,468
<b>Total:</b>	<b>\$ 22,686,017</b>	<b>\$ 15,843,998</b>	<b>\$ 25,524,226</b>	<b>\$ 59,127,366</b>	<b>\$ 56,616,304</b>	<b>\$ 84,461,323</b>	<b>\$ 264,259,234</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.15461251

B/ 1,911,500 acre feet @ \$29.61878330

C/ Charges under the Capital Cost Component have been reduced by:  
 Urban Rate Reduction Credit (\$4,754,413)  
 Agricultural Rate Reduction Credit \$0



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 Post Office Box 54153  
 Los Angeles, California 90054-0153

Invoice No: 12-013-O-Revised  
 Date: November 30, 2011  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$2,734,987	\$683,747	\$4,656,090	\$95,594	\$8,170,418
February 1	2,734,987	683,747	4,656,090	95,594	8,170,418
March 1	2,734,987	683,747	4,656,090	95,593	8,170,417
April 1	2,734,987	683,747	4,656,089	95,593	8,170,416
May 1	2,734,987	683,747	4,656,089	95,593	8,170,416
June 1	2,734,987	683,747	4,656,089	95,593	8,170,416
July 1	2,734,987	683,747	4,656,089	95,593	8,170,416
August 1	2,734,987	683,747	4,656,089	95,593	8,170,416
September 1	2,734,987	683,747	4,656,089	95,593	8,170,416
October 1	2,734,987	683,746	4,656,089	95,593	8,170,415
November 1	2,734,986	683,746	4,656,089	95,593	8,170,414
December 1	2,734,986	683,746	4,656,089	95,593	8,170,414
<b>Total:</b>	<b>\$32,819,842</b>	<b>\$8,204,961</b>	<b>\$55,873,071</b>	<b>\$1,147,118</b>	<b>\$98,044,992</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE					DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT	
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)					TOTAL TRANSPORTATION PAYMENT (Table G)
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1980	0	0	0	0	0	0	0	0	0	0	0	
1981	0	0	0	0	0	0	0	0	0	0	0	
1982	0	12,185,418	0	0	0	0	0	0	0	0	0	
1983	0	10,082,764	65,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1984	0	17,058,138	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1985	0	31,951,962	221,554	490,152	701,706	0	0	701,706	0	0	701,706	
1986	0	70,547,174	404,842	3,936,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1987	0	124,995,712	804,960	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1988	0	138,828,171	1,518,387	12,598,159	14,116,546	1,711,581	0	15,828,107	0	0	15,828,107	
1989	0	130,799,084	2,344,921	20,083,018	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1990	0	150,212,228	3,180,707	27,337,321	30,498,028	2,041,108	0	32,539,138	0	0	32,539,138	
1991	0	115,361,881	4,119,135	25,708,703	28,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1992	154,772	28,603,850	4,933,190	37,904,125	42,837,315	7,857,023	738,859	50,432,997	2,043,211	0	53,476,208	
1993	354,800	37,374,984	5,318,452	46,352,949	51,868,401	8,934,584	1,280,232	61,884,317	2,317,893	0	64,202,210	
1994	454,900	16,707,208	5,783,757	47,787,959	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1995	555,200	14,881,380	6,119,860	44,088,887	50,188,747	12,965,036	4,183,244	67,317,027	5,073,286	0	72,390,313	
1996	755,800	12,035,818	6,481,418	43,825,841	50,307,059	15,656,008	4,952,315	70,916,283	8,422,167	0	77,338,450	
1997	855,900	11,087,905	6,845,330	43,815,744	50,661,074	15,445,748	(231,718)	65,875,104	7,104,278	0	72,979,382	
1998	850,300	15,187,896	7,220,783	44,308,381	51,529,184	12,906,948	7,850,079	72,288,191	9,016,389	0	81,304,580	
1999	958,600	27,185,748	7,835,833	44,709,391	52,545,224	27,082,599	(3,971,787)	75,438,058	10,935,192	0	86,373,250	
1980	1,057,000	57,170,818	8,134,825	45,780,110	53,914,935	21,581,704	8,770,811	84,247,450	13,102,798	0	97,350,248	
1981	1,157,300	15,797,879	8,819,161	86,430,844	75,249,805	14,924,917	8,879,378	98,854,098	20,910,080	0	119,764,179	
1982	1,257,600	29,493,800	9,311,198	28,876,871	38,187,889	38,066,205	9,181,112	84,335,186	23,988,560	0	108,323,746	
1983	1,358,000	23,110,148	9,900,019	50,817,073	60,817,092	49,334,929	(5,993,116)	104,158,805	17,203,307	0	121,362,112	
1984	1,458,300	14,829,380	10,481,447	72,953,999	83,435,446	45,517,432	(7,893,940)	121,056,938	18,786,458	0	139,843,396	
1985	1,558,700	9,164,111	11,044,875	52,251,809	63,296,684	56,783,089	(6,788,088)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,815	11,803,828	50,282,685	61,886,291	30,809,854	8,887,441	99,383,586	25,089,658	0	124,473,244	
1987	1,759,800	6,204,086	12,180,262	50,899,921	63,080,185	51,350,647	7,935,848	122,375,681	28,095,443	0	150,471,124	
1988	1,860,400	6,203,848	12,778,919	51,384,480	64,183,379	50,854,835	(8,903,510)	105,914,704	28,781,238	2,842,354	137,438,296	
1989	1,961,000	17,262,370	13,407,118	51,880,199	65,287,315	69,131,749	(5,351,958)	128,887,108	4,587,841	68,311,546	193,286,495	
1990	2,011,500	16,018,168	14,139,887	51,143,869	65,283,558	47,212,482	24,090,472	138,588,490	4,037,980	0	142,626,470	
1991	2,011,500	16,859,032	14,903,424	51,228,573	66,131,967	59,177,025	20,548,087	145,855,109	35,876,185	8,259,893	160,000,000	
1992	2,011,500	19,184,149	15,729,249	51,029,318	66,758,567	72,160,742	(14,838,492)	124,280,817	40,783,329	8,435,312	173,500,000	
1993	2,011,500	25,797,108	16,803,139	48,114,082	64,917,201	82,491,809	(8,542,508)	140,858,579	40,858,579	8,885,273	190,592,361	
1994	2,011,500	14,175,385	17,579,458	48,372,500	65,951,956	72,700,847	10,246,885	148,801,688	38,158,173	8,926,755	196,886,516	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,481	65,023,889	(8,047,784)	140,538,433	40,862,813	12,810,361	194,211,607	
1996	2,011,500	19,741,116	19,464,589	48,084,828	67,559,395	68,296,148	8,093,981	143,949,522	41,195,823	16,356,259	166,401,784	
1997	2,011,500	12,059,284	20,592,904	48,820,518	69,403,422	82,682,153	(1,584,586)	150,471,009	45,548,810	18,188,230	174,208,039	
1998	2,011,500	10,082,044	21,854,134	49,222,302	70,878,436	77,734,742	(8,107,455)	140,530,723	45,855,992	12,882,288	164,268,003	
1999	2,011,500	8,103,221	22,780,285	49,238,509	71,998,794	94,936,980	(8,535,154)	158,400,800	47,422,430	17,454,851	183,278,081	
2000	2,011,500	4,735,560	23,901,418	48,025,280	71,928,678	103,431,917	36,588,478	214,947,071	48,188,578	19,805,800	242,941,449	
2001	2,011,500	2,615,853	25,060,087	47,828,901	72,888,988	61,532,014	94,288,088	228,507,090	48,188,135	18,490,499	257,185,624	
2002	2,011,500	4,777,093	26,248,584	46,746,815	72,995,199	88,214,181	68,188,773	228,398,163	48,898,384	20,081,004	277,387,551	
2003	2,011,500	2,508,988	27,522,942	44,582,580	72,085,522	113,391,880	83,853,493	268,130,893	47,889,376	20,920,403	296,941,675	
2004	2,011,500	3,218,350	28,827,559	43,407,853	72,235,512	127,477,460	92,185,180	241,878,132	47,414,032	20,941,743	310,234,907	
2005	1,911,500	5,460,107	30,205,258	38,507,803	68,713,059	58,088,434	112,280,580	237,082,053	49,248,383	18,770,593	265,100,039	
2006	1,911,500	11,491,412	31,885,583	33,286,085	64,971,648	83,820,114	115,983,559	264,585,321	47,416,073	20,330,228	294,321,622	
2007	1,911,500	9,482,980	33,342,831	32,042,282	65,385,113	78,223,977	174,432,589	316,041,879	52,120,469	12,752,803	340,915,151	
2008	1,911,500	9,760,293	35,852,212	32,388,250	67,418,402	117,915,033	68,579,752	263,913,247	53,315,217	19,303,204	337,531,768	
2009	1,911,500	18,517,028	38,857,445	30,577,253	67,434,698	114,820,025	254,236,848	58,286,144	21,153,538	17,527,880	356,163,008	
2010	1,911,500	15,448,797	38,839,752	29,488,833	68,408,585	126,045,953	82,802,324	277,354,862	72,808,845	20,240,944	370,404,651	
2011	1,911,500	15,960,847	41,078,385	27,715,780	68,792,145	106,471,804	141,148,558	318,412,305	80,142,822	37,410,810	405,965,937	
2012	1,911,500	32,503,098	43,347,388	28,821,487	69,868,865	91,298,716	115,110,006	278,377,809	83,872,848	38,530,015	359,739,672	
2013	1,911,500	52,523,854	45,541,520	28,102,477	71,843,997	108,878,848	154,813,388	335,338,213	83,872,848	40,343,341	458,554,402	
2014	1,911,500	47,919,593	48,548,351	28,368,838	74,936,189	109,343,184	104,829,024	288,908,397	83,872,848	41,744,286	374,765,529	
2015	1,911,500	558,187	51,310,133	28,327,028	77,637,181	110,383,507	104,880,442	292,711,110	83,872,848	43,807,555	346,518,713	
2016	1,911,500	558,187	52,047,258	24,005,419	78,052,877	111,497,442	107,545,373	295,086,092	83,872,848	43,990,687	349,079,627	
2017	1,911,500	558,187	50,831,710	21,872,211	72,503,927	112,612,415	103,702,041	288,818,383	83,872,848	43,388,442	335,080,673	
2018	1,911,500	558,187	48,757,044	19,428,822	68,185,866	113,738,539	115,158,141	295,080,348	83,872,848	38,850,518	311,929,588	
2019	1,911,500	558,187	41,732,275	17,377,483	59,109,758	114,875,928	108,223,488	280,209,152	83,872,848	41,480,576	302,690,476	
2020	1,911,500	558,187	38,942,963	15,554,883	52,497,846	115,964,408	109,022,088	277,484,122	83,872,848	38,447,272	295,931,420	
2021	1,911,500	0	30,935,188	13,083,932	44,899,098	117,124,054	108,533,446	268,558,598	83,872,848	38,727,248	297,285,846	
2022	1,911,500	0	28,418,932	12,804,772	38,823,704	118,295,294	108,897,152	268,216,150	83,872,848	37,570,878	295,787,028	
2023	1,911,500	0	28,153,155	11,403,575	37,556,730	119,478,248	112,818,791	269,853,769	83,872,848	35,356,994	295,210,713	
2024	1,911,500	0	25,433,812	10,219,006	35,652,818	120,873,032	108,980,840	263,317,098	83,872,848	35,980,324	299,300,270	
2025	1,911,500	0	25,745,505	9,058,812	34,802,317	121,879,759	111,765,805	268,447,881	83,872,848	32,948,947	291,396,828	
2026	1,911,500	0	27,478,128	7,878,465	34,054,593	123,088,558	108,137,980	265,291,129	83,872,848	30,008,386	295,299,515	
2027	1,911,500	0	26,782,888	6,878,730	33,441,818	124,329,542	109,750,181	267,521,321	83,872,848	32,932,031	290,453,359	
2028	1,911,500	0	27,426,544	5,451,384	32,877,928	125,572,838	111,310,967	266,781,734	83,872,848	25,480,894	292,262,632	
2029	1,911,500	0	27,808,582	4,195,835	32,104,417	128,828,588	107,559,893	268,488,481	83,872,848	27,570,886	296,059,369	
2030	1,911,500	0	27,795,847	2,825,015	30,720,862	128,086,853	106,108,835	267,927,350	83,872,848	1,088,850	269,016,200	
2031	1,911,500	0	28,132,350	1,878,808	27,809,158	129,377,821	113,518,837	270,705,914	83,87			

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM COST COMPONENT  
UNDER ARTICLE 28  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2011	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(5,367,396)	
1969	1,295,607	1,314,941	(19,334)	(134,264)	
1970	1,624,569	2,041,108	(416,539)	(2,765,226)	
1971	2,716,584	2,845,550	(128,966)	(818,420)	
1972	8,038,463	7,857,023	181,440	1,100,680	
1973	9,890,316	8,934,684	955,632	5,541,731	
1974	11,581,491	7,472,377	4,109,114	22,778,750	
1975	13,584,548	12,965,036	619,512	3,282,904	
1976	12,862,489	15,656,909	(2,794,420)	(14,155,558)	
1977	16,203,699	15,445,746	757,953	3,670,324	
1978	17,811,770	12,906,948	4,904,822	22,704,509	
1979	16,414,289	27,062,599	(10,648,310)	(47,119,030)	
1980	20,926,898	21,561,704	(634,806)	(2,685,244)	
1981	23,731,024	14,924,917	8,806,107	35,608,464	
1982	27,994,510	36,966,205	(8,971,695)	(34,679,320)	
1983	38,953,367	49,334,929	(10,381,562)	(38,360,616)	
1984	45,597,671	45,517,432	80,239	283,424	
1985	50,064,444	56,783,089	(6,718,645)	(22,686,010)	
1986	52,858,915	30,809,854	22,049,061	71,169,408	
1987	50,737,631	51,359,647	(622,016)	(1,919,251)	
1988	51,262,231	50,654,835	607,396	1,791,550	
1989	52,638,942	69,131,749	(16,492,807)	(46,502,705)	
1990	61,053,824	47,212,462	13,841,362	37,306,910	
1991	60,874,529	59,177,025	1,697,504	4,373,690	
1992	67,460,598	72,160,742	(4,700,144)	(11,576,444)	
1993	68,749,547	62,491,809	6,257,738	14,733,577	
1994	63,898,029	72,700,847	(8,802,818)	(19,812,505)	
1995	68,079,888	65,023,889	3,055,999	6,575,029	
1996	72,757,439	68,296,146	4,461,293	9,175,548	
1997	75,655,465	82,662,153	(7,006,688)	(13,775,608)	
1998	80,540,695	77,734,742	2,805,953	5,273,575	
1999	86,588,229	94,936,960	(8,348,731)	(14,999,338)	
2000	82,987,467	103,431,917	(20,444,450)	(35,111,861)	
2001	93,021,412	61,532,014	31,489,398	51,697,504	
2002	85,536,695	88,214,191	(2,677,496)	(4,202,047)	
2003	83,746,428	113,391,880	(29,645,452)	(44,475,097)	
2004	101,196,401	77,477,460	23,718,941	34,015,817	
2005	74,673,786	58,088,434	16,585,352	22,737,206	
2006	77,288,294	83,620,114	(6,331,820)	(8,297,892)	
2007	106,604,484	76,223,977	30,380,507	38,059,321	
2008	115,793,732	117,915,033	(2,121,301)	(2,540,359)	
2009	99,940,155	114,620,025	(14,679,870)	(16,805,128)	
2010	98,420,550	126,045,953	(27,625,403)	(30,231,175)	
2011	106,189,476	106,471,604	(282,128)	(295,133)	
2012	118,734,424				91,298,718
			Total	(27,435,706)	
Net Minimum Charges:					91,298,718

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



April 1, 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Metropolitan Water District of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Dear Mr. Upadhyay:

Enclosed are revisions to your 2012 Statement of Charges dated July 1, 2011. The revised statement includes the following major change:

- Inclusion of 2012 Delta Habitat Conservation and Conveyance Program (DHCCP) as a line item in the Transportation Minimum Charge

As stated in the State Water Project Supplemental Funding Agreement, the DHCCP Supplemental Funding Pay-Go Charge shall be collected in equal monthly payments. The DHCCP charge is recovered in 1/9 increments beginning with the month of April 2012.

All other attachments to the 2012 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Lisa Toms of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown for PNB".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (see attached list)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
CHARGES FOR A WATER SUPPLY  
IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
Post Office Box 54153  
Los Angeles, California 90054-0153

Invoice No: 12-014-T-Revised

Date: April 1, 2012

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,343,009	\$ 7,921,999	\$ 11,995,955	\$ 27,952,635	\$ 4,718,026	\$ 7,038,444	\$ 70,970,068
February 1					4,718,026	7,038,444	11,756,470
March 1					4,718,026	7,038,444	11,756,470
April 1					4,718,026	8,289,388	13,007,414
May 1					4,718,025	8,289,388	13,007,413
June 1					4,718,025	8,289,388	13,007,413
July 1	11,343,008	7,921,999	13,528,271	31,174,731	4,718,025	8,289,388	76,975,422
August 1					4,718,025	8,289,387	13,007,412
September 1					4,718,025	8,289,388	13,007,413
October 1					4,718,025	8,289,388	13,007,413
November 1					4,718,025	8,289,388	13,007,413
December 1					4,718,025	8,289,388	13,007,413
<b>Total:</b>	<b>\$ 22,686,017</b>	<b>\$ 15,843,998</b>	<b>\$ 25,524,226</b>	<b>\$ 59,127,366</b>	<b>\$ 56,616,304</b>	<b>\$ 95,719,823</b>	<b>\$ 275,517,734</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.15461251

B/ 1,911,500 acre feet @ \$29.61878330

C/ Charges under the Capital Cost Component have been reduced by:  
Urban Rate Reduction Credit (\$4,754,413)  
Agricultural Rate Reduction Credit \$0

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2011	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2012	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1962	0	0	0	0	
1963	0	0	0	0	
1964	0	0	0	0	
1965	0	0	0	0	
1966	0	0	0	0	
1967	0	0	0	0	
1968	972,734	1,711,561	(738,827)	(5,367,396)	
1969	1,295,607	1,314,941	(19,334)	(134,264)	
1970	1,624,569	2,041,108	(416,539)	(2,765,226)	
1971	2,716,584	2,845,550	(128,966)	(818,420)	
1972	8,038,463	7,857,023	181,440	1,100,680	
1973	9,890,316	8,934,684	955,632	5,541,731	
1974	11,581,491	7,472,377	4,109,114	22,778,750	
1975	13,584,548	12,965,036	619,512	3,282,904	
1976	12,862,489	15,656,909	(2,794,420)	(14,155,558)	
1977	16,203,699	15,445,746	757,953	3,670,324	
1978	17,811,770	12,906,948	4,904,822	22,704,509	
1979	16,414,289	27,062,599	(10,648,310)	(47,119,030)	
1980	20,926,898	21,561,704	(634,806)	(2,685,244)	
1981	23,731,024	14,924,917	8,806,107	35,608,464	
1982	27,994,510	36,966,205	(8,971,695)	(34,679,320)	
1983	38,953,367	49,334,929	(10,381,562)	(38,360,616)	
1984	45,597,671	45,517,432	80,239	283,424	
1985	50,064,444	56,783,089	(6,718,645)	(22,686,010)	
1986	52,858,915	30,809,854	22,049,061	71,169,408	
1987	50,737,631	51,359,647	(622,016)	(1,919,251)	
1988	51,262,231	50,654,835	607,396	1,791,550	
1989	52,638,942	69,131,749	(16,492,807)	(46,502,705)	
1990	61,053,824	47,212,462	13,841,362	37,306,910	
1991	60,874,529	59,177,025	1,697,504	4,373,690	
1992	67,460,598	72,160,742	(4,700,144)	(11,576,444)	
1993	68,749,547	62,491,809	6,257,738	14,733,577	
1994	63,898,029	72,700,847	(8,802,818)	(19,812,505)	
1995	68,079,888	65,023,889	3,055,999	6,575,029	
1996	72,757,439	68,296,146	4,461,293	9,175,548	
1997	75,655,465	82,662,153	(7,006,688)	(13,775,608)	
1998	80,540,695	77,734,742	2,805,953	5,273,575	
1999	86,588,229	94,936,960	(8,348,731)	(14,999,338)	
2000	82,987,467	103,431,917	(20,444,450)	(35,111,861)	
2001	93,021,412	61,532,014	31,489,398	51,697,504	
2002	85,536,695	88,214,191	(2,677,496)	(4,202,047)	
2003	83,746,428	113,391,880	(29,645,452)	(44,475,097)	
2004	101,196,401	77,477,460	23,718,941	34,015,817	
2005	74,673,786	58,088,434	16,585,352	22,737,206	
2006	77,288,294	83,620,114	(6,331,820)	(8,297,892)	
2007	106,604,484	76,223,977	30,380,507	38,059,321	
2008	115,793,732	117,915,033	(2,121,301)	(2,540,359)	
2009	99,940,155	114,620,025	(14,679,870)	(16,805,128)	
2010	98,420,550	126,045,953	(27,625,403)	(30,231,175)	
2011	106,189,476	106,471,604	(282,128)	(295,133)	
2012	118,734,424				91,298,718
			Total	(27,435,706)	
Delta Habitat Conservation and Conveyance Program charges:					11,258,500
Net Minimum Charges:					<u>102,557,218</u>

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Delta Habitat Conservation and Conveyance Program Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	12,900,476
2010	15,953,554
2011	2,422,713
2012	11,258,500
Total	44,141,956

1. Total DHCCP costs are included as a line item in Attachment 4B and invoiced 1/9th per month, April through December, in Attachment 1 as part of the Minimum Transportation Charge

Attachment 10  
April 1, 2012



**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 19, 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed are revised attachments to your 2012 Statement of Charges, dated July 1, 2011. Please replace and include these attachments in the Statement of Charges package sent to you previously. Note that not all changes apply to every contractor.

The revised statements include the following changes:

1.) Rate Management Credits:

- a. Inclusion of the remaining portion of the 2012 Rate Management Credits (RMC) based on actual 2011 costs and updated projections. An initial 25 percent projection of the RMC was previously provided in the revised 2012 Statement of Charges dated November 30, 2011.

2.) Springing Amendment Credits:

- a. Release of the remaining \$36 million from the existing debt reserve requirement (DSR).

All other attachments to the 2012 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Lisa Toms of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 12-014-T-Revlsed

Date: July 1, 2012

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,343,009	\$ 7,921,999	\$ 11,995,955	\$ 27,952,635	\$ 4,718,026	\$ 7,038,444	\$ 70,970,068
February 1					4,718,026	7,038,444	11,756,470
March 1					4,718,026	7,038,444	11,756,470
April 1					4,718,026	8,289,388	13,007,414
May 1					4,718,025	8,289,388	13,007,413
June 1					4,718,025	8,289,388	13,007,413
July 1	11,343,008	7,921,999	7,933,186	0	4,718,025	8,289,388	40,205,606
August 1					4,718,025	8,289,387	13,007,412
September 1					4,718,025	8,289,388	13,007,413
October 1					4,718,025	8,289,388	13,007,413
November 1					4,718,025	8,289,388	13,007,413
December 1					4,718,025	8,289,388	13,007,413
<b>Total:</b>	<b>\$ 22,686,017</b>	<b>\$ 15,843,998</b>	<b>\$ 19,929,141</b>	<b>\$ 27,952,635</b>	<b>\$ 56,616,304</b>	<b>\$ 95,719,823</b>	<b>\$ 238,747,918</b>

**TERMS:** As provided under Article 32 (b) of the contract, Interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.15461251

B/ 1,911,500 acre feet @ \$29.61878330

C/ Charges under the Capital Cost Component have been reduced by:

Urban Rate Reduction Credit (\$19,066,914)

Agricultural Rate Reduction Credit \$0

Remaining Springing Amendment Credit (\$22,457,315)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-

CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2012  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$38,530,015	\$38,530,015
CAPITAL COST COMPONENT:		
Delta Water Charge	\$27,056,542	\$27,056,542
Less Urban Rate Reduction Credit	6,145,141	20,911,401
Transportation Charge	69,968,885	69,968,885
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,619,422
Less Urban Rate Reduction Credit	12,921,773	57,047,112
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	56,616,304	56,616,304
Transportation Charge	102,557,218	102,557,218
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,837,395
Subtotal:		\$261,205,233
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,619,422
OPERATION AND MAINTENANCE		6,837,395
Subtotal:		\$14,456,817
<b>Total charges for Calendar Year 2012:</b>	<b>\$275,662,050</b>	<b>\$275,662,050</b>

A/ In compliance with Article 22.

Attachment 1B  
Revised 7/1/2012

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**IN 2012**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$27,056,542	(\$6,145,141)	\$20,911,401
Transportation Charge	62,349,463	(12,921,773)	49,427,690
Total	<u>\$89,406,005</u>	<u>(\$19,066,914)</u>	<u>\$70,339,091</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
by Release of WSRB Debt Service Reserve Credit  
Under Central Valley Project Bond Resolution Springing Amendment

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**IN 2012**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Release of WSRB Debt Service Reserve Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$20,911,401	(\$982,260)	\$19,929,141
Transportation Charge	49,427,690	(21,475,055)	27,952,635
Total	<u>\$70,339,091</u>	<u>(\$22,457,315)</u>	<u>\$47,881,776</u>

**Total Allocation by Project of the WSRB Debt Service Reserve (DSR) Funds Release**

**2010 DSR Reallocation**

Water System	\$ (20,070,083)
East Branch Enlargement	(11,384,008)
Off Aqueduct Power	(8,559,613)
Tehachapi Second Afterbay On Aqueduct	(36,129)
	(4,764,496)
East Branch Extension	0
Coastal Branch Extension	0
Southbay Aqueduct	0
<b>Total Allocation by Project</b>	<b>\$ (44,814,329)</b>
Less: Prior release of WSRB Debt Service Reserve (2009)	21,420,523
OAP Reclassification	936,491
<b>Remaining Allocation</b>	<b>\$ (22,457,315)</b>

A/ The charges in column 2 refer to the amount in the Adjusted Charges (column 4) of attachment 1C and or 1D.

B/ The WSRB Debt Service Reserve Credit is the result of the release of the remaining \$36 million from the existing debt reserve requirement.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2012

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2013.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 13-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$39,971,232
Capital Cost Component		
Delta Water Charge	\$27,092,132	
Less Rate Management Credit Under Monterey Amendment	<u>1,532,316</u>	
		25,559,816
Transportation Charge	63,234,513	
Less Rate Management Credit Under Monterey Amendment	<u>3,222,097</u>	
		60,012,416
Minimum Operation, Maintenance, Power, and Replacement Component		
Delta Water Charge		61,466,038
Transportation Charge		<u>131,407,157</u>
Total for Invoice No. 13-014-T		<u>\$318,416,659</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 13-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,636,861
Article 17 (b)		
Operation and Maintenance		<u>6,601,754</u>
Total for Invoice No. 13-002-DCC		<u>\$14,238,615</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2012  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2013 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$138,600,850

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent" and are applied against the payments to be made in 2013. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

Your 2013 Off-Aqueduct Facility charge, Invoice No. 13-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$50,127,416

Enclosed is 2013 Replacement Account System Charge for Conservation Facilities, Invoice No. 13-014-U, Attachment 1-2:

Conservation Replacement Account System Charge \$3,666,946

The 2013 East Branch Enlargement Facilities Transportation Charge, Invoice No. 13-004-E, Attachment 1-3 is:

Capital Cost Component \$25,460,208

Minimum Operation, Maintenance, Power and Replacement Component 5,698,589

Total East Branch Enlargement Facilities \$31,158,797

The 2013 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 13-007-TAB, Attachment 1-6 is:

Capital Cost Component

Tehachapi Second Afterbay Facilities \$5,084,776

Enclosed are Attachment 8 and 9 showing the charges under executed agreements for Municipal Water Quality Investigations (MWQI) and Bay-Delta Conservation Plan (BDCP), respectively. The MWQI and the BDGP charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

The Transportation Minimum charges included in Attachment 4B includes a separate line item charge for those contractors participating in the supplemental funding for the costs of environmental analysis, planning, and design of Delta conservative measures, including Delta conveyance options.



Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2012  
Page Three

Transportation and Conservation Capital charges include 25 percent of the projected Rate Management Credit under the Monterey Amendment for 2013.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown". The signature is written in a cursive, flowing style.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
CHARGES FOR A WATER SUPPLY  
IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 13-014-T

Date: June 30, 2012

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,801,281	\$ 8,184,335	\$ 12,013,750	\$ 22,965,681	\$ 5,122,170	\$ 10,950,597	\$ 71,037,814
February 1					5,122,170	10,950,597	16,072,767
March 1					5,122,170	10,950,597	16,072,767
April 1					5,122,170	10,950,597	16,072,767
May 1					5,122,170	10,950,597	16,072,767
June 1					5,122,170	10,950,596	16,072,766
July 1	11,801,281	8,184,335	13,546,066	37,046,735	5,122,170	10,950,596	86,651,183
August 1					5,122,170	10,950,596	16,072,766
September 1					5,122,170	10,950,596	16,072,766
October 1					5,122,170	10,950,596	16,072,766
November 1					5,122,169	10,950,596	16,072,765
December 1					5,122,169	10,950,596	16,072,765
<b>Total:</b>	<b>\$ 23,602,562</b>	<b>\$ 16,368,670</b>	<b>\$ 25,559,816</b>	<b>\$ 60,012,416</b>	<b>\$ 61,466,038</b>	<b>\$ 131,407,157</b>	<b>\$ 318,416,659</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.17323125

B/ 1,911,500 acre feet @ \$32.15591819

C/ Charges under the Capital Cost Component have been reduced by:

Urban Rate Reduction Credit (\$4,754,413)

Agricultural Rate Reduction Credit \$0

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2013

Invoice No: 13-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: June 30, 2012

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,818,431	\$ 426,193	\$ 123,954	\$ 4,368,578
February 1		426,193	123,954	550,147
March 1		426,193	123,954	550,147
April 1		426,193	123,954	550,147
May 1		426,193	123,953	550,146
June 1		426,193	123,953	550,146
July 1	3,818,430	426,193	123,953	4,368,576
August 1		426,193	123,953	550,146
September 1		426,193	123,953	550,146
October 1		426,193	123,953	550,146
November 1		426,192	123,953	550,145
December 1		426,192	123,953	550,145
<b>Total:</b>	<b>\$ 7,636,861</b>	<b>\$ 5,114,314</b>	<b>\$ 1,487,440</b>	<b>\$ 14,238,615</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2013  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$39,971,232	\$39,971,232
CAPITAL COST COMPONENT:		
Delta Water Charge	\$27,092,132	\$27,092,132
Less Urban Rate Reduction Credit	1,532,316	25,559,816
Less Urban Rate Reduction Credit	1,532,316	25,559,816
Transportation Charge	70,871,374	70,871,374
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,636,861
Less Urban Rate Reduction Credit	3,222,097	67,649,277
		3,222,097
		60,012,416
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	61,466,038	61,466,038
Transportation Charge	138,008,911	138,008,911
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,601,754
		131,407,157
Subtotal:		\$318,416,659
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,636,861
OPERATION AND MAINTENANCE		6,601,754
Subtotal:		\$14,238,615
<b>Total charges for Calendar Year 2013:</b>	<b>\$332,655,274</b>	<b>\$332,655,274</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2012

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
by Urban Rate Reduction  
Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

**IN 2013**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$27,092,132	(\$1,532,316)	\$25,559,816
Transportation Charge	63,234,513	(3,222,097)	60,012,416
Total	<u>\$90,326,645</u>	<u>(\$4,754,413)</u>	<u>\$85,572,232</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-013-O

Date: June 30, 2012

Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$1,603,706	\$400,927	\$1,334,772	\$837,881	\$4,177,286
February 1	1,603,706	400,927	1,334,772	837,881	4,177,286
March 1	1,603,706	400,927	1,334,772	837,881	4,177,286
April 1	1,603,706	400,927	1,334,772	837,881	4,177,286
May 1	1,603,705	400,926	1,334,772	837,881	4,177,284
June 1	1,603,705	400,926	1,334,772	837,881	4,177,284
July 1	1,603,705	400,926	1,334,772	837,881	4,177,284
August 1	1,603,705	400,926	1,334,772	837,881	4,177,284
September 1	1,603,705	400,926	1,334,772	837,881	4,177,284
October 1	1,603,705	400,926	1,334,772	837,881	4,177,284
November 1	1,603,705	400,926	1,334,772	837,881	4,177,284
December 1	1,603,705	400,926	1,334,772	837,881	4,177,284
<b>Total:</b>	<b>\$19,244,464</b>	<b>\$4,811,116</b>	<b>\$16,017,264</b>	<b>\$10,054,572</b>	<b>\$50,127,416</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2013

Mr. Devendra N. Upadhyay, Group Manager Water Resource Management Group The Metropolitan Water District of Southern California Attn: David Reukema 700 North Alameda Street Los Angeles, California 90012-2944	Invoice No:	<u>13-014-U</u>
	Date:	<u>June 30, 2012</u>
	Contract No:	<u>160157</u>

[in dollars]

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$305,579
February 1	305,579
March 1	305,579
April 1	305,579
May 1	305,579
June 1	305,579
July 1	305,579
August 1	305,579
September 1	305,579
October 1	305,579
November 1	305,578
December 1	305,578
Total:	<u><u>\$3,666,946</u></u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-004-E  
 Date: June 30, 2012  
 Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 474,883	\$ 474,883
February 1				474,883	474,883
March 1	\$ 4,053,253	\$ 2,686,985	\$ 803,296	474,883	8,018,417
April 1				474,883	474,883
May 1				474,883	474,883
June 1				474,882	474,882
July 1				474,882	474,882
August 1				474,882	474,882
September 1	12,661,194	2,686,984	2,568,496	474,882	18,391,556
October 1				474,882	474,882
November 1				474,882	474,882
December 1				474,882	474,882
<b>Total:</b>	<b>\$ 16,714,447</b>	<b>\$ 5,373,969</b>	<b>\$ 3,371,792</b>	<b>\$ 5,698,589</b>	<b>\$ 31,158,797</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-007-TAB

Date: June 30, 2012

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,033,911	\$ 508,478	\$ 2,542,389
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,033,910	508,477	2,542,387
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,067,821</b>	<b>\$ 1,016,955</b>	<b>\$ 5,084,776</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	85,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,138	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,982	221,554	480,152	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,642	3,938,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,712	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,171	1,518,387	12,598,159	14,116,546	1,711,581	0	15,828,107	0	0	15,828,107	
1969	0	130,799,064	2,344,921	20,083,016	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,381,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,650	4,933,190	37,904,125	42,837,315	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,800	37,374,884	5,316,452	48,352,949	51,869,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	16,707,208	5,763,757	47,787,959	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,380	6,119,860	44,068,887	50,188,747	12,965,036	4,183,244	67,317,027	5,073,286	0	72,390,313	
1976	655,800	12,035,616	6,481,418	43,825,641	50,307,059	15,858,909	4,952,315	70,918,283	6,422,167	0	77,338,450	
1977	755,900	11,067,905	6,845,330	43,815,744	50,661,074	15,445,746	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,899	7,220,783	44,308,381	51,529,164	12,906,948	7,850,079	72,286,191	9,016,389	0	81,302,580	
1979	956,800	27,165,746	7,835,833	44,708,391	52,545,224	27,082,599	(3,971,767)	75,436,058	10,935,192	0	86,371,248	
1980	1,057,000	57,170,618	8,134,825	45,780,110	53,914,935	21,581,704	8,770,811	84,247,450	13,102,798	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	86,430,644	75,249,805	14,924,917	8,879,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,800	29,493,600	9,311,198	28,876,671	38,187,869	36,968,205	9,181,112	84,335,166	23,998,580	0	108,333,746	
1983	1,358,000	23,110,146	9,900,019	50,917,073	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	12,791,358	124,153,570	
1984	1,458,300	14,829,380	10,481,447	72,953,999	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	39,228,567	179,054,983	
1985	1,558,700	9,164,110	11,044,875	52,251,809	63,296,684	58,783,098	(6,788,098)	113,291,875	22,050,974	77,448,523	212,789,172	
1986	1,659,300	7,329,615	11,803,828	50,282,665	61,889,291	60,809,854	6,987,441	99,383,588	25,088,658	77,581,287	202,054,531	
1987	1,758,800	6,204,066	12,180,264	50,899,921	63,080,185	51,358,647	7,935,849	122,375,981	28,095,043	68,939,195	217,409,919	
1988	1,860,400	6,203,848	12,778,919	51,394,460	64,163,379	50,854,835	(8,903,510)	105,914,704	28,781,238	2,642,354	217,274,805	
1989	1,961,000	17,282,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,351,958)	128,867,106	32,505,376	4,587,941	258,271,868	
1990	2,011,500	16,019,198	14,139,887	51,143,889	65,283,556	47,212,462	24,090,872	136,586,490	33,616,369	4,037,980	236,205,248	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,876,185	6,259,893	242,005,418	
1992	2,011,500	18,184,149	15,729,249	51,029,318	66,758,567	72,180,742	(14,638,492)	124,280,817	40,783,329	8,435,312	245,880,512	
1993	2,011,500	25,797,106	16,603,139	48,114,062	64,717,201	62,481,809	(45,542,508)	81,868,502	40,859,579	8,865,273	234,153,769	
1994	2,011,500	14,175,385	17,579,456	48,372,500	65,951,956	72,700,847	10,248,885	148,901,688	39,156,173	8,928,755	269,823,237	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,491	65,023,889	(8,047,784)	124,547,596	41,903,674	10,539,433	217,053,516	
1996	2,011,500	19,741,116	19,494,569	48,094,826	67,589,146	68,298,146	8,093,981	143,949,522	41,195,923	12,810,361	234,492,065	
1997	2,011,500	12,059,284	20,582,904	48,820,512	69,403,422	82,862,153	(1,594,566)	150,471,003	45,548,810	13,168,230	246,309,428	
1998	2,011,500	10,062,044	21,654,134	49,222,308	70,876,436	77,734,742	(8,107,455)	140,500,723	45,855,992	12,862,288	229,363,592	
1999	2,011,500	8,103,221	22,760,285	49,238,510	71,998,795	94,936,980	(8,535,154)	158,400,601	47,422,430	17,454,651	265,535,282	
2000	2,011,500	4,735,560	23,901,416	48,025,280	71,926,676	103,431,917	(8,598,476)	214,947,431	48,169,576	19,605,800	326,900,324	
2001	2,011,500	2,615,653	25,060,087	47,828,901	72,688,988	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	345,583,000	
2002	2,011,500	4,777,093	28,248,584	46,748,615	72,995,199	88,214,191	68,188,773	229,398,163	48,898,394	20,091,004	373,800,535	
2003	2,011,500	2,508,968	27,522,942	44,562,580	72,085,522	113,391,880	83,653,491	269,130,893	47,869,378	20,920,403	379,838,028	
2004	2,011,500	3,218,350	28,827,559	43,407,953	72,235,512	77,477,480	92,165,160	241,878,132	47,414,032	20,941,743	388,909,946	
2005	1,911,500	5,460,107	30,205,256	36,507,803	66,713,059	58,088,434	112,260,560	237,082,053	49,248,383	19,770,593	382,299,806	
2006	1,911,500	11,491,470	31,885,563	33,286,085	64,971,648	83,620,114	115,993,559	264,585,321	47,416,073	20,330,228	407,701,335	
2007	1,911,500	9,482,982	33,342,832	32,042,281	65,385,113	78,223,977	174,432,589	316,041,679	52,120,469	12,752,883	442,269,868	
2008	1,911,500	9,752,619	32,386,248	32,065,213	67,418,461	117,915,033	68,579,752	253,913,248	53,315,216	19,303,204	398,676,432	
2009	1,911,500	16,517,026	36,857,298	30,577,400	67,434,898	113,674,304	72,182,125	253,291,127	58,286,144	21,153,536	404,237,887	
2010	1,911,500	15,448,651	36,939,597	29,466,988	68,406,585	126,045,953	82,902,324	277,354,862	72,806,645	20,240,944	458,666,491	
2011	1,911,500	20,210,720	41,076,200	27,715,945	68,792,145	106,471,604	110,349,281	285,813,010	80,142,822	21,860,932	467,883,222	
2012	1,911,500	27,803,334	43,211,260	26,757,825	69,968,885	91,288,718	143,517,558	304,785,161	83,872,846	36,530,015	520,311,889	
2013	1,911,500	32,852,019	45,274,989	25,986,405	70,871,374	123,679,911	139,857,017	334,408,302	88,558,170	39,971,232	513,085,120	
2014	1,911,500	64,230,735	47,735,590	25,002,436	72,738,026	100,572,450	187,257,252	360,587,728	88,558,170	42,282,199	504,315,444	
2015	1,911,500	28,340,760	50,935,815	25,718,238	76,654,053	112,537,950	137,501,378	326,693,381	88,558,170	44,437,258	467,253,252	
2016	1,911,500	558,187	52,531,131	24,670,368	77,201,499	113,663,328	149,143,821	340,008,448	88,558,170	44,847,579	479,688,185	
2017	1,911,500	558,187	51,337,896	22,314,854	73,652,750	114,799,961	142,517,463	330,970,174	88,558,170	44,028,192	469,770,655	
2018	1,911,500	558,187	47,286,559	20,045,930	67,332,489	115,947,980	170,985,340	354,245,789	88,558,170	39,543,480	484,895,349	
2019	1,911,500	558,187	42,286,200	17,972,380	60,258,580	117,107,440	153,287,804	330,653,804	88,558,170	41,713,235	483,459,937	
2020	1,911,500	558,187	37,522,424	16,124,045	53,646,469	118,215,484	163,391,935	335,253,888	88,558,170	39,307,025	465,846,181	
2021	1,911,500	558,187	31,541,340	14,508,580	46,047,920	119,387,640	158,214,204	323,658,784	88,558,170	39,183,154	455,352,031	
2022	1,911,500	0	27,082,311	13,144,588	40,226,899	120,591,614	163,917,976	324,738,489	88,558,170	37,781,477	454,836,309	
2023	1,911,500	0	26,847,116	11,912,810	38,759,926	121,797,534	167,551,989	328,109,429	88,558,170	37,856,786	457,295,327	
2024	1,911,500	0	26,159,565	10,696,848	36,856,413	123,015,507	158,393,866	318,265,726	88,558,170	36,754,246	445,051,901	
2025	1,911,500	0	26,504,925	9,500,589	36,005,514	124,245,664	165,488,522	325,737,700	88,558,170	33,608,124	448,244,354	
2026	1,911,500	0	26,970,557	8,287,232	35,257,789	125,488,116	152,756,152	313,502,059	88,558,170	31,475,611	443,964,289	
2027	1,911,500	0	27,593,939	7,050,874	34,644,813	128,743,000	164,815,543	328,203,358	88,558,170	34,391,384	449,793,946	
2028	1,911,500	0	28,295,907	5,785,217	34,081,124	128,010,431	165,050,940	327,142,501	88,558,170	28,925,536	448,384,541	
2029	1,911,500	0	28,818,023	4,489,590	33,307,613	129,290,533	162,274,305	324,872,451	88,558,170	29,032,908	442,899,881	
2030	1,911,500	0	28,747,213	3,176,845	31,924,058	130,583,438	158,532,724	321,040,220	88,558,170	2,428,968	412,158,185	
2031	1,911,500	0	27,127									

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2012	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2013	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(6,192,439)	
1964	1,260,513	1,305,950	(45,437)	(413,519)	
1965	2,180,589	701,706	1,478,883	12,866,116	
1966	3,900,172	4,340,884	(440,712)	(3,665,182)	
1967	7,693,703	5,655,301	2,038,402	16,205,304	
1968	14,345,147	14,116,546	228,601	1,737,291	
1969	21,857,456	22,407,937	(550,481)	(3,999,106)	
1970	28,992,595	30,498,028	(1,505,433)	(10,454,639)	
1971	37,242,413	29,828,838	7,413,575	49,215,530	
1972	44,062,125	42,837,315	1,224,810	7,772,665	
1973	46,299,581	51,669,401	(5,369,820)	(32,575,256)	
1974	48,322,678	53,551,716	(5,229,038)	(30,323,313)	
1975	49,285,084	50,188,747	(903,663)	(5,009,428)	
1976	50,137,295	50,307,059	(169,764)	(899,612)	
1977	50,827,166	50,661,074	166,092	841,365	
1978	51,426,581	51,529,164	(102,583)	(496,752)	
1979	52,230,344	52,345,224	(114,880)	(531,780)	
1980	53,637,412	53,914,935	(277,523)	(1,228,045)	
1981	56,667,437	75,249,805	(18,582,368)	(78,603,795)	
1982	57,465,063	38,187,869	19,277,194	77,949,455	
1983	59,037,472	60,817,092	(1,779,620)	(6,878,968)	
1984	60,313,580	83,435,446	(23,121,866)	(85,436,952)	
1985	61,144,629	63,296,684	(2,152,055)	(7,601,565)	
1986	61,666,346	61,886,291	(219,945)	(742,662)	
1987	62,094,710	63,080,185	(985,475)	(3,180,893)	
1988	62,452,912	64,163,379	(1,710,467)	(5,277,700)	
1989	62,796,236	65,087,315	(2,291,079)	(6,757,668)	
1990	63,762,459	65,283,556	(1,521,097)	(4,288,847)	
1991	64,677,355	66,131,997	(1,454,642)	(3,920,727)	
1992	65,776,353	66,758,567	(982,214)	(2,530,717)	
1993	66,905,041	64,717,201	2,187,840	5,388,645	
1994	68,486,622	65,951,956	2,534,666	5,967,764	
1995	69,373,540	67,571,491	1,802,049	4,055,872	
1996	70,251,056	67,559,395	2,691,661	5,791,150	
1997	71,530,953	69,403,422	2,127,531	4,375,696	
1998	72,283,436	70,876,436	1,407,000	2,766,255	
1999	72,917,423	71,998,795	918,628	1,726,492	
2000	73,432,162	71,926,676	1,505,486	2,704,758	
2001	73,741,965	72,688,988	1,052,977	1,808,412	
2002	73,915,736	72,995,199	920,537	1,511,285	
2003	74,227,711	72,085,522	2,142,189	3,361,939	
2004	74,463,889	72,235,512	2,228,377	3,343,086	
2005	68,353,111	66,713,059	1,640,052	2,352,032	
2006	68,688,841	64,971,648	3,717,193	5,095,978	
2007	69,406,979	65,385,113	4,021,866	5,270,683	
2008	70,008,643	67,418,461	2,590,182	3,244,862	
2009	70,640,220	67,434,698	3,205,522	3,838,765	
2010	71,863,098	68,406,585	3,456,513	3,956,925	
2011	72,904,897	68,792,145	4,112,752	4,500,688	
2012	73,609,034	69,968,885	3,640,149	3,807,959	
2013	74,938,073				15,385,480
			TOTAL	(59,552,593)	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2012	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2013	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1968	972,734	1,711,561	(738,827)	(5,614,833)	
1969	1,295,607	1,314,941	(19,334)	(140,454)	
1970	1,624,569	2,041,108	(416,539)	(2,892,703)	
1971	2,716,584	2,845,550	(128,966)	(856,149)	
1972	8,038,463	7,857,023	181,440	1,151,422	
1973	9,890,316	8,934,684	955,632	5,797,205	
1974	11,581,491	7,472,377	4,109,114	23,828,851	
1975	13,584,548	12,965,036	619,512	3,434,246	
1976	12,862,489	15,656,909	(2,794,420)	(14,808,129)	
1977	16,203,699	15,445,746	757,953	3,839,526	
1978	17,811,770	12,906,948	4,904,822	23,751,187	
1979	16,414,289	27,062,599	(10,648,310)	(49,291,217)	
1980	20,926,898	21,561,704	(634,806)	(2,809,034)	
1981	23,731,024	14,924,917	8,806,107	37,250,014	
1982	27,994,510	36,966,205	(8,971,695)	(36,278,037)	
1983	38,953,367	49,334,929	(10,381,562)	(40,129,040)	
1984	45,597,671	45,517,432	80,239	296,490	
1985	50,064,444	56,783,089	(6,718,645)	(23,731,836)	
1986	52,858,915	30,809,854	22,049,061	74,450,317	
1987	50,737,631	51,359,647	(622,016)	(2,007,728)	
1988	51,262,231	50,654,835	607,396	1,874,140	
1989	52,638,942	69,131,749	(16,492,807)	(48,646,480)	
1990	61,053,824	47,212,462	13,841,362	39,026,758	
1991	60,874,529	59,177,025	1,697,504	4,575,317	
1992	67,460,598	72,160,742	(4,700,144)	(12,110,118)	
1993	68,749,547	62,491,809	6,257,738	15,412,795	
1994	63,898,029	72,700,847	(8,802,818)	(20,725,861)	
1995	68,079,888	65,023,889	3,055,999	6,878,138	
1996	72,757,439	68,296,146	4,461,293	9,598,541	
1997	75,655,465	82,662,153	(7,006,688)	(14,410,664)	
1998	80,540,695	77,734,742	2,805,953	5,516,687	
1999	86,588,229	94,936,960	(8,348,731)	(15,690,807)	
2000	82,837,842	103,431,917	(20,594,075)	(36,999,335)	
2001	92,982,262	61,532,014	31,450,248	54,013,522	
2002	85,536,695	88,214,191	(2,677,496)	(4,395,761)	
2003	83,743,943	113,391,880	(29,647,937)	(46,529,298)	
2004	101,193,271	77,477,460	23,715,811	35,579,250	
2005	74,666,478	58,088,434	16,578,044	23,774,911	
2006	78,621,092	83,620,114	(4,999,022)	(6,853,263)	
2007	106,651,515	76,223,977	30,427,538	39,875,489	
2008	115,156,972	117,915,033	(2,758,061)	(3,455,174)	
2009	101,004,943	113,674,304	(12,669,361)	(15,172,164)	
2010	99,960,052	126,045,953	(26,085,901)	(29,862,450)	
2011	105,061,149	106,471,604	(1,410,455)	(1,543,496)	
2012	121,281,974	91,298,718	29,983,256	31,365,484	
2013	117,343,652				123,679,911
			Total	6,336,259	
Bay Delta Conservation Plan and Delta Habitat Conservation and Conveyance Program charges:					14,329,000
Net Minimum Charges:					<u>138,008,911</u>

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF VARIABLE COST COMPONENT  
UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2012	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2013	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1968	0	0	0	0	0	
1969	0	0	0	0	0	
1970	0	0	0	0	0	
1971	0	0	0	0	0	
1972	71,938	848,011	738,659	109,352	693,952	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,194,490)	
1974	277,717	1,872,297	1,753,039	119,258	691,579	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,530,507)	
1976	618,451	5,485,263	4,952,315	532,948	2,824,188	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,861,942)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(20,113,704)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	37,003,108	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(15,082,986)	
1981	795,846	10,862,932	8,679,376	2,183,556	9,236,487	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,049,016)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(11,601,583)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	961,454	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(31,617,988)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(18,746,622)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(35,321,369)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	16,956,791	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	43,772,888	
1990	1,396,423	30,759,725	24,090,472	6,669,253	18,804,460	
1991	391,447	184,870	20,546,087	(20,361,217)	(54,880,009)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	13,314,189	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	59,280,992	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(14,572,211)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	7,093,772	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(13,414,065)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	8,274,716	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(12,752,527)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,488,212)	
2000	1,522,412	(19,818,914)	39,588,478	(59,407,392)	(106,731,377)	
2001	970,869	158,521,299	94,286,088	64,235,211	110,319,320	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(13,706,293)	
2003	1,649,639	94,300,920	83,653,491	10,647,429	16,710,012	
2004	1,582,735	106,695,328	92,165,160	14,530,168	21,798,643	
2005	1,528,045	113,878,762	112,260,560	1,618,202	2,320,696	
2006	1,512,186	83,249,766	115,993,559	(32,743,793)	(44,889,151)	
2007	1,350,477	138,056,387	174,432,589	(36,376,202)	(47,671,252)	
2008	719,069	84,431,902	68,579,752	15,852,150	19,858,855	
2009	787,605	56,490,071	72,182,125	(15,692,054)	(18,791,983)	
2010	1,150,524	91,063,768	82,902,324	8,161,444	9,343,005	
2011	1,541,343	135,241,350	110,349,261	24,892,089	27,240,040	
2012	1,206,900	155,565,619	143,517,558	12,048,061	12,603,476	
2013	1,146,900	174,771,681				139,857,017
				<b>TOTAL</b>	<b>(34,914,664)</b>	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2013

Transportation Components	Transportation Charges		
	Calculated 1/1/2012	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	74,938,073	15,385,480	(59,552,593)
Capital Cost Component difference to be amortized			(59,552,593)
Divided by remaining water deliveries 1/			27,991,933 *
Unit rate for amortizing difference 2/			(2.127491)
Unit rate applied to 2013 deliveries of		1,911,500 acre feet	(4,066,699)
Plus calculated 2013 Capital Cost Component			<u>74,938,073</u>
Adjusted Capital Cost Component			<u><u>70,871,374</u></u>

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

Attachment 4D  
June 30, 2012

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2012	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2013	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,708)	
1989	8,978,504	8,991,417	(12,913)	(35,098)	
1990	8,983,597	9,020,145	(36,548)	(91,246)	
1991	8,983,717	9,009,739	(26,022)	(59,916)	
1992	17,989,315	18,053,820	(64,505)	(138,525)	
1993	18,742,682	18,754,578	(11,896)	(24,276)	
1994	18,591,099	18,705,728	(114,629)	(223,852)	
1995	18,556,603	16,729,731	1,826,872	3,405,577	
1996	18,647,406	20,262,394	(1,614,988)	(2,844,314)	
1997	19,545,322	19,141,671	403,651	673,152	
1998	19,966,108	19,092,267	873,841	1,379,441	
1999	20,947,475	20,301,335	646,140	965,793	
2000	22,957,586	17,085,146	5,872,440	8,340,637	
2001	22,965,748	31,847,016	(8,881,268)	(11,855,674)	
2002	22,425,318	22,276,589	148,729	189,327	
2003	19,087,337	22,768,985	(3,681,648)	(4,565,221)	
2004	20,695,237	19,038,306	1,656,931	2,019,644	
2005	15,518,825	17,204,043	(1,685,218)	(2,020,940)	
2006	21,996,926	17,589,839	4,407,087	5,130,766	
2007	21,205,489	20,041,387	1,164,102	1,295,062	
2008	19,895,327	21,870,151	(1,974,824)	(2,089,386)	
2009	20,447,424	20,084,800	362,624	371,958	
2010	20,995,083	20,584,992	410,091	415,557	
2011	20,222,785	21,198,361	(975,576)	(983,492)	
2012	31,062,958	31,719,878	(656,920)	(659,377)	
2013	26,875,319 *	0	0	0	25,460,208
				(1,415,111)	

\* Included in the 2013 calculated component is \$5,373,969 for East Branch Enlargement Bond Cover and \$3,371,792 for Devil Canyon Second Afterbay Debt Service.



STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2012	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2013	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(199,234)	
1992	0	339,060	(339,060)	(728,132)	
1993	0	(68,950)	68,950	140,704	
1994	2,174,776	(213,745)	2,388,521	4,664,389	
1995	1,895,643	2,839,696	(944,053)	(1,759,864)	
1996	1,990,213	2,810,767	(820,554)	(1,445,158)	
1997	2,642,077	1,296,887	1,345,190	2,243,318	
1998	2,915,152	1,850,818	1,064,334	1,680,152	
1999	1,599,081	3,847,978	(2,248,897)	(3,361,452)	
2000	2,782,398	2,949,526	(167,128)	(237,372)	
2001	2,137,804	13,032,437	(10,894,633)	(14,543,330)	
2002	2,724,355	(5,934,164)	8,658,519	11,021,994	
2003	3,224,991	1,352,030	1,872,961	2,322,460	
2004	3,487,487	3,040,705	446,782	544,586	
2005	3,152,404	2,605,075	547,329	656,365	
2006	3,376,584	4,317,052	(940,468)	(1,094,900)	
2007	4,831,100	4,321,833	509,267	566,559	
2008	6,164,148	3,665,831	2,498,317	2,643,248	
2009	6,957,786	7,003,623	(45,837)	(47,017)	
2010	4,934,468	4,362,778	571,690	579,310	
2011	4,929,324	8,607,829	(3,678,505)	(3,708,352)	
2012	5,414,381	6,041,609	(627,228)	(629,574)	
2013	6,389,889	0	0	0	5,698,589
				(691,300)	

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2013  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

	VARIABLE O.M.P.&R. COMPONENT TRANSPORTATION CHARGE		
WATER DELIVERIES			
DESCRIPTION (1)	ACRE-FEET (2)	UNIT CHARGE <sup>1/</sup> (3)	AMOUNT (4)
Reach 10A (CA)	38,000	25.16290064	956,190
East Branch Reach 26A, 28H and 28J	592,712	157.27948330	93,221,437
VEBX-R1	0	132.71490280	0
West Branch Reach 30	516,188	156.13314230	80,594,054
		Sub total	174,771,681
			Net adjustment per redetermination of pre-2013 charges <sup>2/</sup> (34,914,664)
			Estimated Year 2013 Replacement Accounting System (RAS) Charges <sup>2/</sup> 2,602,045
			Prior years RAS over and under adjustments <sup>2/</sup> (3,858,212)
			Total Estimated 2013 Charges 138,600,850

<sup>1/</sup> Derived by dividing column (4) by column (2).  
<sup>2/</sup> Will be applied 1/12 monthly to the actual 2013 water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California**

(in dollars)

Year	Capital Cost Component	Minimum OMP&R Component	Total East Branch Enlargement Transportation Charge
	[1]	[2]	[3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	31,719,878	6,041,609	37,761,487
2013	25,460,208	5,698,589	31,158,797
2014	28,871,589	5,148,795	34,020,384
2015	30,772,564	5,497,586	36,270,150
2016	30,163,491	5,497,586	35,661,077
2017	30,861,618	5,497,586	36,359,204
2018	30,291,025	5,497,586	35,788,611
2019	30,365,879	5,497,586	35,863,465
2020	29,700,030	5,497,586	35,197,616
2021	30,382,001	5,497,586	35,879,587
2022	29,241,934	5,497,586	34,739,520
2023	24,109,400	5,497,586	29,606,986
2024	25,343,051	5,497,586	30,840,637
2025	28,725,534	5,497,586	34,223,120
2026	11,457,883	5,497,586	16,955,469
2027	11,725,510	5,497,586	17,223,096
2028	7,532,578	5,497,586	13,030,164
2029	7,895,806	5,497,586	13,393,392
2030	0	5,497,586	5,497,586
2031	0	5,497,586	5,497,586
2032	0	5,497,586	5,497,586
2033	0	5,497,586	5,497,586
2034	0	5,497,586	5,497,586
2035	0	5,497,586	5,497,586
<b>Total</b>	<b>882,828,591</b>	<b>194,451,894</b>	<b>1,077,280,485</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs \1  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,450,106
2011	1,667,959
2012	1,937,973
2013	1,937,973
Total	25,503,796

- Under the Municipal Water Quality Agreement executed in 1994, 1997, 2003, 2006, 2008, and 2010 these costs are included in the annual Statements of Charges under the Transportation minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2007	1,388,732
2008	1,376,523
2009	688,188
2010	916,348
2011	2,290,799
2012	916,291
2013	-
Total	7,576,881

1. BDCP charges included in Attachment 4B Calculated Component are being paid on a PAYGO basis invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge.

Attachment 9  
June 30, 2012

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Bay Delta Conservation Plan and Delta Habitat Conservation and Conveyance Program Charge /1  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	12,900,476
2010	15,953,554
2011	2,422,713
2012	11,258,500
2013	14,329,000
Total	58,470,956

1. Charges are pursuant to the Agreement for Funding (2008-2011) and the Agreement of Supplemental Funding (2012-2013) for the Costs of Environmental Analysis, Planning and Design of Delta Conservation Measures, Including Delta Conveyance Options. BDCP-DHCCP charges are included as a line item in Attachment 4B and invoiced 1/12th per month, in Attachment 1 as part of the 2013 SOC Minimum Transportation Charge.

## FOOTNOTES

### Attachment 4A

- 1/ From Table B-15 of Appendix B to Bulletin 132-12, "Management of the California State Water Project".
- 2/ Payments in 2012 are assumed to be equal to those amounts shown on the Statement of Charges for 2012.

### Attachment 4B

- 1/ From Table B-16 of Appendix B to Bulletin 132-12.
- 2/ Payments in 2012 are assumed to be equal to those amounts shown on the Statement of Charges for 2012.

### Attachment 4C

- 1/ From Table B-5a of Appendix B to Bulletin 132-12.
- 2/ From Table B-18 of Appendix B to Bulletin 132-12.
- 3/ Payments in 2012 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1+i)^n$ , where "i" equals the current project interest rate of 4.608 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	51	9.95940302	1988	25	3.08553198
1963	50	9.52050762	1989	24	2.94955739
1964	49	9.10095365	1990	23	2.81957498
1965	48	8.69988878	1991	22	2.69532070
1966	47	8.31649821	1992	21	2.57654211
1967	46	7.95000307	1993	20	2.46299790
1968	45	7.59965880	1994	19	2.35445742
1969	44	7.26475366	1995	18	2.25070014
1970	43	6.94460726	1996	17	2.15151528
1971	42	6.63856922	1997	16	2.05670135
1972	41	6.34601780	1998	15	1.96606572
1973	40	6.06635867	1999	14	1.87942426
1974	39	5.79902367	2000	13	1.79660096
1975	38	5.54346972	2001	12	1.71742755
1976	37	5.29917763	2002	11	1.64174319
1977	36	5.06565111	2003	10	1.56939412
1978	35	4.84241575	2004	9	1.50023336
1979	34	4.62901802	2005	8	1.43412041
1980	33	4.42502439	2006	7	1.37092095
1981	32	4.23002045	2007	6	1.31050660
1982	31	4.04361003	2008	5	1.25275461
1983	30	3.86541442	2009	4	1.19754767
1984	29	3.69507162	2010	3	1.14477360
1985	28	3.53223556	2011	2	1.09432521
1986	27	3.37657543	2012	1	1.04610000
1987	26	3.22777501			

- 6/ Derived by adding the sum of items shown in Column (5) to the 2013 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



November 20, 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revised T invoice for your 2013 Statement of Charges, dated June 30, 2012. The revision is due to a change in the allocation of the January and July Transportation Charges. This change does not affect the overall amount of the T invoice. Please replace and include this revised invoice in the Statement of Charges package sent to you previously.

All other attachments to the 2013 Statement of Charges are still valid.

If you have any questions concerning this change, please contact Lisa Toms, Chief of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list.)



Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-014-T-REVISED

Date: November 20, 2012

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,801,281	\$ 8,184,335	\$ 12,013,750	\$ 28,395,160	\$ 5,122,170	\$ 10,950,597	\$ 76,467,293
February 1					5,122,170	10,950,597	16,072,767
March 1					5,122,170	10,950,597	16,072,767
April 1					5,122,170	10,950,597	16,072,767
May 1					5,122,170	10,950,597	16,072,767
June 1					5,122,170	10,950,596	16,072,766
July 1	11,801,281	8,184,335	13,546,066	31,617,256	5,122,170	10,950,596	81,221,704
August 1					5,122,170	10,950,596	16,072,766
September 1					5,122,170	10,950,596	16,072,766
October 1					5,122,170	10,950,596	16,072,766
November 1					5,122,169	10,950,596	16,072,765
December 1					5,122,169	10,950,596	16,072,765
<b>Total:</b>	<b>\$ 23,602,562</b>	<b>\$ 16,368,670</b>	<b>\$ 25,559,816</b>	<b>\$ 60,012,416</b>	<b>\$ 61,466,038</b>	<b>\$ 131,407,157</b>	<b>\$ 318,416,659</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$14.17323125
- B/ 1,911,500 acre feet @ \$32.15591819
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$4,754,413)
  - Agricultural Rate Reduction Credit \$0

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



December 21, 2012

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed are revised O and U invoices for your 2013 Statement of Charges, dated July 1, 2012. The revision to the O invoice is needed to allocate and collect Reid Gardner Unit 4 (RG4) Operating and Maintenance costs and closeout costs from January through June, given that the existing RG4 agreement will terminate in July 2013. The other Off-Aqueduct Power components will continue to be allocated and collected in twelve monthly payments from January through December. This revision does not change the total amount of the O invoice.

The revision to the U invoice is due to an error in the calculation of the Conservation Replacement Account System Charge. The revised unit rate is reflected in the enclosed invoice.

Please replace and include these revised invoices in the Statement of Charges package sent to you previously.

All other attachments to the 2013 Statement of Charges are still valid.

If you have any questions concerning these revised invoices, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-013-O-REVISED

Date: December 20, 2012

Contract No: 160157

[In dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$1,603,706	\$400,927	\$2,669,544	\$962,824	\$5,637,001
February 1	1,603,706	400,927	2,669,544	962,824	5,637,001
March 1	1,603,706	400,927	2,669,544	962,824	5,637,001
April 1	1,603,706	400,927	2,669,544	962,823	5,637,000
May 1	1,603,705	400,926	2,669,544	962,823	5,636,998
June 1	1,603,705	400,926	2,669,544	962,823	5,636,998
July 1	1,603,705	400,926	0	712,939	2,717,570
August 1	1,603,705	400,926	0	712,939	2,717,570
September 1	1,603,705	400,926	0	712,939	2,717,570
October 1	1,603,705	400,926	0	712,938	2,717,569
November 1	1,603,705	400,926	0	712,938	2,717,569
December 1	1,603,705	400,926	0	712,938	2,717,569
<b>Total:</b>	<b>\$19,244,464</b>	<b>\$4,811,116</b>	<b>\$16,017,264</b>	<b>\$10,054,572</b>	<b>\$50,127,416</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 13-014-U-REVISED

Date: December 20, 2012

Contract No: 160157

[In dollars]

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$136,490
February 1	136,490
March 1	136,490
April 1	136,490
May 1	136,489
June 1	136,489
July 1	136,489
August 1	136,489
September 1	136,489
October 1	136,489
November 1	136,489
December 1	136,489
Total:	<u><u>\$1,637,872</u></u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 21, 2013

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District of  
Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revised T invoice and pertinent attachments to your 2013 Statement of Charges, dated July 1, 2012. The revised statements include a change to Rate Management Credits. These revisions include the remaining portion of the 2013 Rate Management Credits based on actual 2012 costs and updated projections. An initial 25 percent projection was previously provided in the revised 2013 Statement of Charges, dated November 20, 2012.

Please replace and include these attachments in the Statement of Charges package sent to you previously.

All other attachments to the 2013 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list)

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 13-014-T-REVISED

Date: July 1, 2013

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 11,801,281	\$ 8,184,335	\$ 12,013,750	\$ 28,395,160	\$ 5,122,170	\$ 10,950,597	\$ 76,467,293
February 1					5,122,170	10,950,597	16,072,767
March 1					5,122,170	10,950,597	16,072,767
April 1					5,122,170	10,950,597	16,072,767
May 1					5,122,170	10,950,597	16,072,767
June 1					5,122,170	10,950,596	16,072,766
July 1	11,801,281	8,184,335	8,933,946	21,919,063	5,122,170	10,950,596	66,911,391
August 1					5,122,170	10,950,596	16,072,766
September 1					5,122,170	10,950,596	16,072,766
October 1					5,122,170	10,950,596	16,072,766
November 1					5,122,169	10,950,596	16,072,765
December 1					5,122,169	10,950,596	16,072,765
<b>Total:</b>	<b>\$ 23,602,562</b>	<b>\$ 16,368,670</b>	<b>\$ 20,947,696</b>	<b>\$ 50,314,223</b>	<b>\$ 61,466,038</b>	<b>\$ 131,407,157</b>	<b>\$ 304,106,346</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$14.17323125
- B/ 1,911,500 acre feet @ \$32.15591819
- C/ Charges under the Capital Cost Component have been reduced by:  
 Urban Rate Reduction Credit (\$19,064,726)  
 Agricultural Rate Reduction Credit \$0



State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2013  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments If Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$39,971,232	\$39,971,232
CAPITAL COST COMPONENT:		
Delta Water Charge	\$27,092,132	\$27,092,132
Less Urban Rate Reduction Credit	6,144,436	20,947,696
Transportation Charge	70,871,374	70,871,374
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,636,861
Less Urban Rate Reduction Credit	12,920,290	50,314,223
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	61,466,038	61,466,038
Transportation Charge	138,008,911	138,008,911
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,601,754
Subtotal:		\$304,106,346
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,636,861
OPERATION AND MAINTENANCE		6,601,754
Subtotal:		\$14,238,615
<b>Total charges for Calendar Year 2013:</b>	<b>\$318,344,961</b>	<b>\$318,344,961</b>

A/ In compliance with Article 22.

Attachment 1B  
Revised 7/1/2013

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**IN 2013**

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$27,092,132	(\$6,144,436)	\$20,947,696
Transportation Charge	63,234,513	(12,920,290)	50,314,223
Total	<u>\$90,326,645</u>	<u>(\$19,064,726)</u>	<u>\$71,261,919</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

Mr. Kevin Donhoff, Resource Implementation Section Manager  
The Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 942360001  
 (916) 653-5791



July 1, 2013

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2014.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 14-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$42,670,698
Capital Cost Component		
Delta Water Charge	\$28,216,435	
Less Rate Management Credit Under Monterey Amendment	<u>6,144,436</u>	
		22,071,999
Transportation Charge	63,261,575	
Less Rate Management Credit Under Monterey Amendment	<u>12,920,290</u>	
		50,341,285
Minimum Operation, Maintenance, Power, and Replacement Component		
Delta Water Charge	55,823,666	
Transportation Charge	<u>110,251,033</u>	
		\$281,158,681
Total for Invoice No. 14-014-T		<u>\$281,158,681</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 14-002-DCC, Attachment 1A:

Article 17 (a) Debt Service		\$7,689,105
Article 17 (b) Operation and Maintenance		<u>6,483,323</u>
Total for Invoice No. 14-002-DCC		<u>\$14,172,428</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2013  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2014 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$199,753,001

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent and are applied against the payments to be made in 2014. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

The 2014 Off-Aqueduct Facility charge, Invoice No. 14-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$30,807,406

The 2014 Replacement Account System Charge for Conservation Facilities, Invoice No. 14-014-U, Attachment 1-2 is:

Conservation Replacement Account System Charge \$2,101,040

The 2014 East Branch Enlargement Facilities Transportation Charge, Invoice No. 14-004-E, Attachment 1-3 is:

Capital Cost Component \$27,104,048  
Minimum Operation, Maintenance, Power and Replacement Component 4,290,132

Total East Branch Enlargement Facilities \$31,394,180

The 2014 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 14-007-TAB, Attachment 1-6 is:

Capital Cost Component

Tehachapi Second Afterbay Facilities \$5,091,762

Enclosed is Attachment 8 which shows the charges under the executed agreement for Municipal Water Quality Investigations (MWQI). The MWQI charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

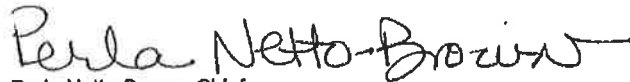
The Transportation Minimum charges in Attachment 4B include a separate line item charge for the 2013 San Joaquin River Flow Augmentation Program and for those contractors participating, a true-up of the Delta Habitat Conservation and Conveyance Program (DHCCP) of \$387,001 in previously unallocated costs incurred in 2009. The annual charges for the DHCCP are shown on Attachment 10.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2013  
Page Three

Transportation and Conservation Capital charges include the projected Rate Management Credit under the Monterey Amendment for 2014.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

Mr. Kevin Donhoff, Resource Implementation Section Manager  
The Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 14-014-T

Date: June 30, 2013

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge	Delta Water Charge B/	Transportation Charge	
January 1	\$ 12,859,164	\$ 8,476,186	\$ 11,036,000	\$ 25,170,643	\$ 4,651,973	\$ 9,187,587	\$ 71,381,553
February 1					4,651,973	9,187,586	13,839,559
March 1					4,651,972	9,187,586	13,839,558
April 1					4,651,972	9,187,586	13,839,558
May 1					4,651,972	9,187,586	13,839,558
June 1					4,651,972	9,187,586	13,839,558
July 1	12,859,163	8,476,185	11,035,999	25,170,642	4,651,972	9,187,586	71,381,547
August 1					4,651,972	9,187,586	13,839,558
September 1					4,651,972	9,187,586	13,839,558
October 1					4,651,972	9,187,586	13,839,558
November 1					4,651,972	9,187,586	13,839,558
December 1					4,651,972	9,187,586	13,839,558
<b>Total:</b>	<b>\$ 25,718,327</b>	<b>\$ 16,952,371</b>	<b>\$ 22,071,999</b>	<b>\$ 50,341,285</b>	<b>\$ 55,823,666</b>	<b>\$ 110,251,033</b>	<b>\$ 281,158,681</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$14.76140981

B/ 1,911,500 acre feet @ \$29.20411498

C/ Charges under the Capital Cost Component have been reduced by:  
 Urban Rate Reduction Credit (\$19,064,726)  
 Agricultural Rate Reduction Credit \$0



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2014

Invoice No: 14-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: June 30, 2013

Contract Number: 160167

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,844,553	\$ 362,810	\$ 177,468	\$ 4,384,831
February 1		362,810	177,468	540,278
March 1		362,810	177,468	540,278
April 1		362,810	177,467	540,277
May 1		362,810	177,467	540,277
June 1		362,810	177,467	540,277
July 1	3,844,552	362,810	177,467	4,384,829
August 1		362,810	177,467	540,277
September 1		362,809	177,467	540,276
October 1		362,809	177,467	540,276
November 1		362,809	177,467	540,276
December 1		362,809	177,467	540,276
<b>Total:</b>	<b>\$ 7,689,106</b>	<b>\$ 4,353,716</b>	<b>\$ 2,129,607</b>	<b>\$ 14,172,428</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2014  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$42,670,698	\$42,670,698
CAPITAL COST COMPONENT:		
Delta Water Charge	\$28,216,435	\$28,216,435
Less Urban Rate Reduction Credit	6,144,436	22,071,999
Transportation Charge	70,950,680	70,950,680
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,689,105
Less Urban Rate Reduction Credit	12,920,290	58,030,390
MINIMUM OMP&R COMPONENT:		12,920,290
Delta Water Charge	55,823,666	55,823,666
Transportation Charge	116,734,356	116,734,356
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		6,483,323
Subtotal:		\$281,158,681
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,689,105
OPERATION AND MAINTENANCE		6,483,323
Subtotal:		\$14,172,428
<b>Total charges for Calendar Year 2014:</b>	<b>\$295,331,109</b>	<b>\$295,331,109</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2013

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 by Urban Rate Reduction  
 Under Article 51 of the Monterey Amendment

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2014

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Adjusted Charges</u> (4)
Delta Water Charge	\$28,216,435	(\$6,144,436)	\$22,071,999
Transportation Charge	63,261,575	(12,920,290)	50,341,285
Total	<u>\$91,478,010</u>	<u>(\$19,084,726)</u>	<u>\$72,413,284</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

Attachment 1C  
 June 30, 2013

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 14-013-O  
 Date: June 30, 2013  
 Contract No: 160157

[In dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$864,828	\$216,207	\$2,744	\$1,483,506	\$2,567,285
February 1	864,828	216,207	2,744	1,483,506	2,567,285
March 1	864,828	216,207	2,744	1,483,506	2,567,285
April 1	864,828	216,207	2,744	1,483,506	2,567,285
May 1	864,828	216,207	2,744	1,483,506	2,567,285
June 1	864,828	216,207	2,743	1,483,506	2,567,284
July 1	864,828	216,207	2,743	1,483,506	2,567,284
August 1	864,827	216,207	2,743	1,483,506	2,567,283
September 1	864,827	216,207	2,743	1,483,506	2,567,283
October 1	864,827	216,207	2,743	1,483,506	2,567,283
November 1	864,827	216,207	2,743	1,483,506	2,567,283
December 1	864,827	216,206	2,743	1,483,506	2,567,281
<b>Total:</b>	<b>\$10,377,931</b>	<b>\$2,594,483</b>	<b>\$32,921</b>	<b>\$17,802,071</b>	<b>\$30,807,406</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 14-014-U

Date: June 30, 2013

Contract No: 160157

[In dollars]

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$175,087
February 1	175,087
March 1	175,087
April 1	175,087
May 1	175,087
June 1	175,087
July 1	175,087
August 1	175,087
September 1	175,086
October 1	175,086
November 1	175,086
December 1	175,086
Total:	<u><u>\$2,101,040</u></u>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 14-004-E

Date: June 30, 2013

Contract No: 160167

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 357,511	\$ 357,511
February 1				357,511	357,511
March 1	\$ 4,246,179	\$ 2,798,697	\$ 687,526	357,511	8,089,913
April 1				357,511	357,511
May 1				357,511	357,511
June 1				357,511	357,511
July 1				357,511	357,511
August 1				357,511	357,511
September 1	14,196,225	2,798,696	2,376,725	357,511	19,729,157
October 1				357,511	357,511
November 1				357,511	357,511
December 1				357,511	357,511
<b>Total:</b>	<b>\$ 18,442,404</b>	<b>\$ 5,597,393</b>	<b>\$ 3,064,251</b>	<b>\$ 4,290,132</b>	<b>\$ 31,394,180</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 14-007-TAB

Date: June 30, 2013

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,036,705	\$ 509,176	\$ 2,545,881
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,036,705	509,176	2,545,881
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,073,410</b>	<b>\$ 1,018,352</b>	<b>\$ 5,091,762</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL EMBLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEOUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	1,341,244	0	0	1,341,244	
1963	0	10,092,784	65,929	1,275,316	1,341,244	0	0	1,305,950	0	0	1,305,950	
1964	0	17,056,137	123,575	1,182,375	1,305,950	0	0	701,706	0	0	701,706	
1965	0	31,951,992	221,554	460,152	701,706	0	0	4,340,884	0	0	4,340,884	
1966	0	70,547,174	404,842	3,936,242	4,340,884	0	0	5,855,301	0	0	5,855,301	
1967	0	124,995,713	804,890	4,850,311	5,655,301	0	0	15,628,107	0	0	15,628,107	
1968	0	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	0	23,722,878	0	0	23,722,878	
1969	0	130,799,084	2,344,921	20,063,016	22,407,937	1,314,841	0	32,539,130	0	0	32,539,130	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,168	0	0	0	0	0	
1971	0	115,391,881	4,110,135	25,709,703	29,828,838	2,845,550	0	32,874,388	0	0	32,874,388	
1972	154,772	28,803,850	4,933,190	37,904,123	42,837,316	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,600	37,374,984	5,318,452	46,352,949	51,669,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	10,707,208	5,763,757	47,787,959	53,551,716	7,472,377	1,753,039	67,317,132	4,231,933	0	67,099,065	
1975	555,200	14,681,381	6,119,680	44,068,887	50,188,747	12,965,036	4,163,244	67,317,027	5,073,286	0	72,390,313	
1976	855,800	12,035,618	6,461,418	43,825,841	50,307,059	15,658,909	4,952,315	70,816,283	6,422,167	0	77,238,450	
1977	755,900	11,087,905	6,845,330	43,815,744	50,661,074	16,445,746	(231,718)	65,875,104	7,104,278	0	72,979,382	
1978	850,300	15,187,898	7,220,783	44,308,381	51,529,184	12,908,948	7,850,079	72,286,191	9,018,389	0	81,302,580	
1979	856,600	27,165,745	7,635,833	44,709,391	52,345,224	27,062,599	(3,971,797)	75,438,058	10,935,182	0	86,371,248	
1980	1,057,000	57,170,619	8,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,450	13,102,768	0	97,350,218	
1981	1,167,300	15,787,979	8,810,181	58,430,844	75,249,805	14,824,917	8,879,378	98,854,098	20,810,099	0	119,764,197	
1982	1,257,600	29,493,601	9,311,198	28,878,871	38,187,869	36,966,205	9,181,112	84,335,168	23,999,560	0	108,333,748	
1983	1,359,000	23,110,146	9,900,019	50,017,073	60,817,092	49,334,429	(5,993,118)	104,188,605	17,203,307	12,781,358	124,155,570	
1984	1,458,300	14,829,360	10,461,447	72,853,993	83,435,440	45,517,432	(7,893,940)	121,058,838	18,768,456	0	139,827,294	
1985	1,558,700	9,104,111	11,044,875	82,251,609	93,296,884	58,783,089	(8,788,098)	113,291,876	22,050,974	0	135,342,850	
1986	1,659,300	7,326,814	11,603,826	50,282,865	61,886,291	30,809,854	8,887,441	99,383,589	25,089,658	0	124,473,247	
1987	1,759,800	6,204,065	12,180,284	50,899,921	63,080,185	51,359,847	7,835,849	122,375,681	26,095,043	0	148,470,724	
1988	1,860,400	6,203,847	12,778,919	51,384,460	64,163,379	50,654,835	(8,803,510)	105,914,704	28,781,238	2,842,354	136,738,296	
1989	1,961,000	17,282,370	13,407,116	51,880,199	65,087,316	69,131,748	(6,351,595)	128,887,106	32,505,378	4,587,641	137,979,125	
1990	2,011,600	16,019,188	14,139,687	51,143,869	65,283,550	47,212,462	24,090,472	138,586,490	33,810,369	4,037,880	146,434,739	
1991	2,011,500	18,859,932	14,903,424	51,228,573	66,131,997	69,177,025	20,548,087	145,855,109	35,876,185	6,259,893	158,191,187	
1992	2,011,500	19,184,140	15,729,249	51,029,318	66,758,567	72,160,742	(14,936,492)	142,280,817	40,769,329	6,435,312	149,725,149	
1993	2,011,500	25,787,106	16,603,139	48,114,062	64,717,201	62,491,809	(46,542,508)	116,660,502	40,859,579	8,885,273	126,555,354	
1994	2,011,500	14,176,365	17,679,456	46,372,500	65,951,856	72,700,847	10,248,885	148,901,888	39,158,173	9,828,765	158,730,666	
1995	2,011,500	14,182,954	18,512,107	49,039,384	67,571,491	65,023,889	(9,047,784)	124,547,690	41,903,674	10,538,430	136,089,204	
1996	2,011,500	19,741,116	19,494,569	48,084,820	67,559,395	88,296,146	8,993,881	143,949,622	41,195,923	13,168,230	157,117,852	
1997	2,011,500	12,059,264	20,582,904	48,820,518	69,403,422	82,682,163	(1,594,568)	160,471,009	45,546,810	12,816,359	173,288,178	
1998	2,011,500	10,062,044	21,654,134	49,222,302	70,876,436	77,734,742	(8,107,455)	140,503,723	45,855,992	13,341,609	158,681,324	
1999	2,011,500	8,103,222	22,780,285	49,238,510	71,968,795	94,936,680	(8,635,164)	158,400,891	47,422,430	17,454,851	175,855,272	
2000	2,011,500	4,735,560	23,901,418	48,025,260	71,926,678	103,431,817	39,588,478	214,947,071	48,169,576	19,805,800	204,752,871	
2001	2,011,500	2,615,653	26,080,087	47,828,901	72,688,988	61,532,014	84,286,088	228,607,090	48,180,135	19,490,489	217,177,614	
2002	2,011,500	4,777,092	28,246,584	46,746,815	72,995,109	88,214,181	68,188,773	229,398,163	48,808,394	20,091,004	218,297,561	
2003	2,011,500	2,607,003	27,522,942	44,582,580	72,085,622	113,391,880	83,853,491	269,130,893	47,869,378	20,826,403	210,726,679	
2004	2,011,500	3,218,350	28,827,631	43,407,981	72,235,612	77,477,480	92,165,180	241,876,132	47,414,032	20,841,743	211,132,957	
2005	1,911,500	5,460,107	30,205,228	38,507,833	66,713,059	68,088,434	112,260,660	237,067,053	49,246,393	19,770,593	206,843,946	
2006	1,911,500	11,481,470	31,885,632	33,286,116	64,971,848	83,820,114	115,993,559	264,585,321	47,416,073	20,530,228	205,016,349	
2007	1,911,500	6,482,981	33,342,800	32,042,313	65,385,113	76,223,977	174,432,889	316,041,879	52,120,489	21,341,609	207,383,488	
2008	1,911,500	9,752,818	35,052,179	32,368,282	67,418,481	117,815,033	68,578,762	263,913,246	53,815,217	19,503,204	203,326,461	
2009	1,811,500	18,517,028	36,857,282	30,677,438	67,434,898	113,874,304	72,182,125	253,291,127	68,266,144	21,163,530	202,650,701	
2010	1,911,500	15,448,651	38,839,660	29,487,025	68,408,585	126,045,953	82,902,324	277,354,882	72,806,845	20,240,944	200,402,671	
2011	1,911,500	10,210,719	41,076,162	27,715,953	68,782,145	106,471,604	110,349,281	285,013,010	80,142,822	21,860,932	206,976,764	
2012	1,911,500	12,073,517	43,211,219	26,757,866	69,968,885	91,298,718	131,264,463	292,632,088	83,872,848	22,680,017	206,554,913	
2013	1,911,500	24,436,491	44,881,469	25,989,905	70,871,374	123,079,911	150,440,908	344,992,193	88,656,170	39,871,232	214,518,405	
2014	1,911,500	33,731,984	47,095,111	23,855,989	70,950,880	114,718,519	198,027,970	381,697,169	84,040,101	42,870,898	214,568,067	
2015	1,911,500	40,323,363	49,373,980	23,220,784	72,594,784	107,185,076	201,473,380	381,253,240	84,040,101	48,291,407	219,544,647	
2016	1,911,500	21,440,102	51,274,885	22,788,844	74,061,729	114,459,983	169,244,240	337,785,932	84,040,101	48,854,685	218,630,616	
2017	1,911,500	4,355,879	50,734,469	21,433,048	72,167,515	113,793,248	163,544,818	349,505,679	84,040,101	49,087,144	218,592,824	
2018	1,911,500	0	46,795,285	19,383,463	66,188,758	114,931,179	175,824,184	358,914,101	84,040,101	41,628,795	200,542,896	
2019	1,911,500	0	41,749,842	17,287,350	59,037,292	116,080,492	168,987,019	344,114,803	84,040,101	43,610,692	197,634,506	
2020	1,911,500	0	36,937,092	15,438,588	52,375,680	117,183,044	170,907,059	340,485,783	84,040,101	41,327,732	191,813,515	
2021	1,911,500	0	30,902,389	13,822,995	44,725,354	118,354,873	171,927,119	335,007,348	84,040,101	41,162,712	186,169,460	
2022	1,911,500	0	28,384,844	12,485,315	40,849,959	119,538,422	169,841,878	328,030,057	84,040,101	39,701,773	177,731,830	
2023	1,911,500	0	26,117,286	11,265,700	37,382,986	120,733,806	175,329,745	333,446,537	84,040,101	39,856,876	173,293,413	
2024	1,911,500	0	25,396,090	10,083,384	35,479,474	121,941,144	169,826,599	327,047,217	84,040,101	38,824,855	165,872,072	
2025	1,911,500	0	25,706,253	8,822,320	34,528,573	123,180,557	170,989,704	328,778,834	84,040,101	35,855,597	162,634,331	
2026	1,911,500	0	26,135,067	7,745,782	33,880,849	124,392,183	170,269,887	326,541,699	84,040,101	33,452,921	153,094,800	
2027	1,911,500	0	26,719,933	6,547,941	33,267,874	125,638,085	167,878,516	326,882,475	84,040,101	36,336,405	149,218,880	
2028	1,911,500	0	27,381,609	5,322,675	32,704,184	126,882,445	165,819,142	329,216,771	84,040,101	38,816,882	140,403,653	
2029	1,911,500	0	27,861,578	4,069,097	31,930,673	128,181,371	178,038,578	338,130,822	84,040,101	41,136,922	137,263,943	
2030	1,911,500	0	27,466,874	2,800,444	30,547,118	129,442,893	186,525,044	326,516,145	84,040,101	37,158,985	130,675,129	
2031	1,911,500	0	20,080,910	1,554,602	27,935,412	130,737,412	182,820,970	340,993,79				



STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2013	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(6,477,911)	
1964	1,260,513	1,305,950	(45,437)	(432,583)	
1965	2,180,589	701,706	1,478,883	13,459,244	
1966	3,900,172	4,340,884	(440,712)	(3,834,147)	
1967	7,693,703	5,655,301	2,038,402	16,952,368	
1968	14,345,147	14,116,546	228,601	1,817,379	
1969	21,857,456	22,407,937	(550,481)	(4,183,465)	
1970	28,992,595	30,498,028	(1,505,433)	(10,936,597)	
1971	37,242,413	29,828,838	7,413,575	51,484,366	
1972	44,062,125	42,837,315	1,224,810	8,130,984	
1973	46,299,581	51,669,401	(5,369,820)	(34,076,975)	
1974	48,322,678	53,551,716	(5,229,038)	(31,721,218)	
1975	49,285,084	50,188,747	(903,663)	(5,240,363)	
1976	50,137,295	50,307,059	(169,764)	(941,083)	
1977	50,827,166	50,861,074	166,092	880,162	
1978	51,426,581	51,529,164	(102,583)	(519,652)	
1979	52,230,344	52,345,224	(114,880)	(556,296)	
1980	53,637,412	53,914,935	(277,523)	(1,284,658)	
1981	56,667,437	75,249,805	(18,582,368)	(82,227,430)	
1982	57,465,063	38,187,869	19,277,194	81,542,925	
1983	59,037,472	60,817,092	(1,779,620)	(7,196,088)	
1984	60,313,580	83,435,446	(23,121,866)	(89,375,595)	
1985	61,144,629	63,296,684	(2,152,055)	(7,951,998)	
1986	61,666,346	61,886,291	(219,945)	(776,898)	
1987	62,094,710	63,080,185	(985,475)	(3,327,532)	
1988	62,452,912	64,163,379	(1,710,467)	(5,521,002)	
1989	62,796,236	65,087,315	(2,291,079)	(7,069,196)	
1990	63,762,459	65,283,556	(1,521,097)	(4,486,563)	
1991	64,677,355	66,131,997	(1,454,642)	(4,101,472)	
1992	65,776,353	66,758,567	(982,214)	(2,647,383)	
1993	66,905,041	64,717,201	2,187,840	5,637,062	
1994	68,486,622	65,951,956	2,534,666	6,242,878	
1995	69,373,540	67,571,491	1,802,049	4,242,848	
1996	70,251,056	67,559,395	2,691,661	6,058,122	
1997	71,530,953	69,403,422	2,127,531	4,577,416	
1998	72,283,436	70,876,436	1,407,000	2,893,780	
1999	72,917,423	71,998,795	918,628	1,806,084	
2000	73,432,162	71,926,676	1,505,486	2,829,447	
2001	73,741,965	72,688,988	1,052,977	1,891,780	
2002	73,915,736	72,995,199	920,537	1,580,966	
2003	74,227,711	72,085,522	2,142,189	3,516,924	
2004	74,463,765	72,235,512	2,228,253	3,497,008	
2005	68,352,994	66,713,059	1,639,935	2,460,285	
2006	68,688,724	64,971,648	3,717,076	5,330,734	
2007	69,406,862	65,385,113	4,021,749	5,513,500	
2008	70,008,526	67,418,461	2,590,065	3,394,297	
2009	70,640,102	67,434,898	3,205,404	4,015,585	
2010	71,862,981	68,406,585	3,456,396	4,139,198	
2011	72,904,779	68,792,145	4,112,634	4,708,035	
2012	73,608,916	69,968,885	3,640,031	3,983,378	
2013	73,841,073	70,871,374	2,969,699	3,106,599	
2014	75,097,880				15,905,109
			TOTAL	(59,192,771)	

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM COST COMPONENT  
UNDER ARTICLE 28  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2013	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(5,873,677)	
1969	1,295,607	1,314,941	(19,334)	(146,929)	
1970	1,624,569	2,041,108	(416,539)	(3,026,057)	
1971	2,716,584	2,845,550	(128,966)	(895,617)	
1972	8,038,463	7,857,023	181,440	1,204,502	
1973	9,890,316	8,934,684	955,632	6,064,466	
1974	11,581,491	7,472,377	4,109,114	24,927,361	
1975	13,584,548	12,965,036	619,512	3,592,564	
1976	12,862,489	15,656,909	(2,794,420)	(15,490,784)	
1977	16,203,699	15,445,746	757,953	4,016,528	
1978	17,811,770	12,908,948	4,904,822	24,846,117	
1979	16,414,289	27,062,599	(10,648,310)	(51,663,542)	
1980	20,926,898	21,581,704	(634,806)	(2,938,530)	
1981	23,731,024	14,924,917	8,806,107	38,967,240	
1982	27,994,510	36,966,205	(8,971,695)	(37,950,455)	
1983	38,953,367	49,334,929	(10,381,562)	(41,978,989)	
1984	45,597,671	45,517,432	80,239	310,158	
1985	50,064,444	56,783,089	(6,718,645)	(24,825,873)	
1986	52,858,915	30,809,854	22,049,061	77,882,477	
1987	50,737,631	51,359,647	(622,016)	(2,100,284)	
1988	51,262,231	50,654,835	607,396	1,960,538	
1989	52,638,942	69,131,749	(16,492,807)	(50,889,083)	
1990	61,053,824	47,212,462	13,841,362	40,825,892	
1991	60,874,529	59,177,025	1,697,504	4,786,239	
1992	67,460,598	72,160,742	(4,700,144)	(12,668,395)	
1993	68,749,547	62,491,809	6,257,738	16,123,325	
1994	63,898,029	72,700,847	(8,802,818)	(21,681,323)	
1995	68,079,888	65,023,889	3,055,999	7,195,220	
1996	72,757,439	68,296,146	4,461,293	10,041,034	
1997	75,855,465	82,662,153	(7,006,688)	(15,074,995)	
1998	80,540,695	77,734,742	2,805,953	5,771,006	
1999	86,588,229	94,936,960	(8,348,731)	(16,414,153)	
2000	82,749,902	103,431,917	(20,682,015)	(38,870,281)	
2001	92,952,641	61,532,014	31,420,627	58,450,328	
2002	85,536,695	88,214,191	(2,677,496)	(4,598,406)	
2003	83,743,943	113,391,880	(29,647,937)	(48,674,298)	
2004	101,193,271	77,477,460	23,715,811	37,219,454	
2005	74,666,478	58,088,434	16,578,044	24,870,935	
2006	77,304,788	83,620,114	(6,315,326)	(9,056,938)	
2007	108,228,514	76,223,977	30,004,537	41,133,849	
2008	115,164,110	117,915,033	(2,750,923)	(3,605,103)	
2009	100,822,035	113,674,304	(12,852,269)	(16,100,739)	
2010	99,874,693	126,045,953	(26,171,260)	(31,341,331)	
2011	106,460,016	106,471,604	(11,588)	(13,265)	
2012	121,583,156	91,298,718	30,284,438	33,141,024	
2013	117,328,074	123,679,911	(6,351,837)	(6,644,657)	
2014	115,811,976				114,718,519
			Total	(1,093,457)	
	Delta Habitat Conservation and Conveyance Program Adjustment for 2009:				183,317
	2013 San Joaquin River Flow Augmentation Costs				1,832,520
	Net Minimum Charges:				<u>116,734,356</u>

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF VARIABLE COST COMPONENT  
UNDER ARTICLE 28

FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2013	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	725,943	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,249,556)	
1974	277,717	1,872,297	1,753,039	119,258	723,461	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,601,063)	
1976	618,451	5,485,263	4,952,315	532,948	2,954,383	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,993,877)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(21,040,946)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	38,708,951	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(15,778,311)	
1981	795,846	10,862,932	8,679,376	2,183,556	9,662,289	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,327,875)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(12,136,416)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,005,777	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(33,075,577)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(19,610,841)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(36,949,684)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	17,738,499	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	45,790,818	
1990	1,396,423	30,759,725	24,090,472	6,669,253	19,671,345	
1991	391,447	184,870	20,546,087	(20,361,217)	(57,409,977)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	13,927,974	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	62,013,846	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(15,243,990)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	7,420,795	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(14,032,453)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	8,656,180	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(13,340,418)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,602,918)	
2000	1,522,412	(16,720,534)	39,588,478	(56,309,012)	(105,828,522)	
2001	970,869	160,090,738	94,286,088	65,804,650	118,224,698	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(14,338,154)	
2003	1,649,639	94,397,023	83,653,491	10,743,532	17,638,121	
2004	1,582,735	106,695,328	92,165,160	14,530,168	22,803,560	
2005	1,528,045	113,376,456	112,260,560	1,115,896	1,674,105	
2006	1,512,186	82,894,100	115,993,559	(33,099,459)	(47,468,610)	
2007	1,350,477	137,960,557	174,432,589	(36,472,032)	(50,000,273)	
2008	719,069	84,136,845	68,579,752	15,556,893	20,387,411	
2009	787,605	59,087,386	72,182,125	(13,094,739)	(16,404,495)	
2010	1,150,524	90,795,561	82,902,324	7,893,237	9,452,527	
2011	1,540,663	131,220,280	110,349,261	20,871,019	23,892,591	
2012	1,213,215	140,784,700	131,264,463	9,520,237	10,418,235	
2013	826,732	185,355,572	150,440,908	34,914,664	36,524,228	
2014	1,146,900	193,446,189				196,027,970
				TOTAL	2,581,781	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2014

Transportation Components	Transportation Charges		
	Calculated 1/1/2013	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	75,097,880	15,905,109	(59,192,771)
Capital Cost Component difference to be amortized			(59,192,771)
Divided by remaining water deliveries 1/			27,282,741 *
Unit rate for amortizing difference 2/			(2.169605)
Unit rate applied to 2014 deliveries of		1,911,500 acre feet	(4,147,200)
Plus calculated 2014 Capital Cost Component			<u>75,097,880</u>
Adjusted Capital Cost Component			<u><u>70,950,680</u></u>

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2013	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,735)	
1989	8,978,504	8,991,417	(12,913)	(35,186)	
1990	8,983,597	9,020,145	(36,548)	(91,475)	
1991	8,983,717	9,009,739	(26,022)	(60,066)	
1992	17,989,315	18,053,820	(64,505)	(138,872)	
1993	18,742,682	18,754,578	(11,896)	(24,337)	
1994	18,591,099	18,705,728	(114,629)	(224,414)	
1995	18,556,603	16,729,731	1,826,872	3,414,126	
1996	18,647,406	20,262,394	(1,614,988)	(2,851,453)	
1997	19,545,322	19,141,671	403,651	674,842	
1998	19,966,107	19,092,267	873,840	1,382,902	
1999	20,947,475	20,301,335	646,140	968,217	
2000	22,957,586	17,085,146	5,872,440	8,361,574	
2001	22,965,748	31,847,016	(8,881,268)	(11,885,434)	
2002	22,425,318	22,276,589	148,729	189,802	
2003	19,087,337	22,768,985	(3,681,648)	(4,576,681)	
2004	20,695,237	19,038,306	1,656,931	2,024,714	
2005	15,518,826	17,204,043	(1,685,217)	(2,026,012)	
2006	21,996,926	17,589,839	4,407,087	5,143,645	
2007	21,205,488	20,041,387	1,164,101	1,298,312	
2008	19,895,328	21,870,151	(1,974,823)	(2,094,630)	
2009	20,447,424	20,084,800	362,624	372,892	
2010	20,995,084	20,584,992	410,092	416,601	
2011	20,222,785	21,198,361	(975,576)	(985,960)	
2012	20,463,459	21,513,121	(1,049,662)	(1,056,232)	
2013	26,380,425	25,460,208	920,217	925,977	
2014	27,991,931 *	0	0	0	27,104,048
				(887,883)	

\* Included in the 2014 calculated component is \$5,597,393 for East Branch Enlargement Bond Cover and \$3,064,251 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2013	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(199,734)	
1992	0	339,060	(339,060)	(729,960)	
1993	0	(68,950)	68,950	141,058	
1994	2,174,776	(213,745)	2,388,521	4,676,097	
1995	1,895,643	2,839,696	(944,053)	(1,764,281)	
1996	1,990,213	2,810,767	(820,554)	(1,448,786)	
1997	2,642,077	1,296,887	1,345,190	2,248,949	
1998	2,915,152	1,850,818	1,064,334	1,684,370	
1999	1,599,082	3,847,978	(2,248,896)	(3,369,889)	
2000	2,799,985	2,949,526	(149,541)	(212,927)	
2001	2,146,667	13,032,437	(10,885,770)	(14,567,976)	
2002	2,724,354	(5,934,164)	8,658,518	11,049,661	
2003	3,224,992	1,352,030	1,872,962	2,328,291	
2004	3,487,486	3,040,705	446,781	545,951	
2005	3,187,691	2,605,075	582,616	700,436	
2006	3,382,508	4,317,052	(934,544)	(1,090,735)	
2007	5,013,680	4,321,833	691,847	771,611	
2008	6,145,497	3,665,831	2,479,666	2,630,100	
2009	6,852,002	7,003,623	(151,621)	(155,914)	
2010	4,892,420	4,362,778	529,642	538,048	
2011	4,911,111	8,607,829	(3,696,718)	(3,736,067)	
2012	4,938,549	6,041,609	(1,103,060)	(1,109,965)	
2013	5,302,811	5,698,589	(395,778)	(398,255)	
2014	5,760,049	0	0	0	4,290,132
				(1,469,917)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2014  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	60,000	23.29638693	1,397,783
East Branch Reach 26A, 28H and 28J VEBX-R1	506,415 0	181.27485024 132.71490280	91,800,303 0
West Branch Reach 30	580,485	172.69714561	100,248,103
		Sub total	193,446,189
			Net adjustment per redetermination of pre-2014 charges 2/ 2,581,781
			Estimated Year 2014 Replacement Accounting System (RAS) Charges 2/ 2,953,640
			Prior years RAS over and under adjustments 2/ 771,391
			<u>Total Estimated 2014 Charges 199,753,001</u>

1/ Derived by dividing column (4) by column (2).

2/ Will be applied 1/12 monthly to the actual 2014 water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California**

(in dollars)

Year	Capital Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	25,460,208	5,698,589	31,158,797
2014	27,104,048	4,290,132	31,394,180
2015	30,333,900	5,089,543	35,423,443
2016	29,785,380	5,089,543	34,874,923
2017	30,875,227	5,089,543	35,964,770
2018	30,152,278	5,089,543	35,241,821
2019	30,259,167	5,089,543	35,348,710
2020	29,611,398	5,089,543	34,700,941
2021	30,294,185	5,089,543	35,383,728
2022	29,149,141	5,089,543	34,238,684
2023	24,029,023	5,089,543	29,118,566
2024	25,261,854	5,089,543	30,351,397
2025	28,677,418	5,089,543	33,766,961
2026	11,409,181	5,089,543	16,498,724
2027	11,630,028	5,089,543	16,719,571
2028	7,527,397	5,089,543	12,616,940
2029	7,895,808	5,089,543	12,985,351
2030	0	5,089,543	5,089,543
2031	0	5,089,543	5,089,543
2032	0	5,089,543	5,089,543
2033	0	5,089,543	5,089,543
2034	0	5,089,543	5,089,543
2035	0	5,089,543	5,089,543
<b>Total</b>	<b>869,177,374</b>	<b>185,024,328</b>	<b>1,054,201,702</b>



State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs 11  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,450,106
2011	1,667,959
2012	1,859,027
2013	1,937,973
2014	1,793,382
Total	27,218,232

1. Under the Municipal Water Quality Agreement executed in 1994, 1997, 2003, 2006, 2008, 2010 and 2013, these costs are included in the annual Statements of Charges under the Transportation minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Bay Delta Conservation Plan and Delta Habitat Conservation and Conveyance Program Charge /1  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	13,083,793
2010	15,953,554
2011	2,422,713
2012	11,258,500
2013	14,329,000
2014	-
Total	58,654,273

1. For years 2012 and forward total BDCP-DHCCP charges are included as a line item in Attachment 4B and invoiced 1/12th per month in Attachment 1 as part of the Minimum Transportation Charge. For years 2011 and prior, charges shown are for DHCCP only.

Attachment 10  
June 30, 2013

**FOOTNOTES**

**Attachment 4A**

- 1/ From Table B-15 of Appendix B to Bulletin 132-13, "Management of the California State Water Project".
- 2/ Payments in 2013 are assumed to be equal to those amounts shown on the Statement of Charges for 2013.

**Attachment 4B**

- 1/ From Table B-16 of Appendix B to Bulletin 132-13.
- 2/ Payments in 2013 are assumed to be equal to those amounts shown on the Statement of Charges for 2013.

**Attachment 4C**

- 1/ From Table B-5a of Appendix B to Bulletin 132-13.
- 2/ From Table B-18 of Appendix B to Bulletin 132-13.
- 3/ Payments in 2013 are equal to the current calculated component plus the over/under adjustment for prior years.

**Attachments 4A, 4B, & 4C**

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1+i)^n$ , where "i" equals the current project interest rate of 4.610 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	51	9.95940302	1988	25	3.08553198
1963	50	9.52050762	1989	24	2.94955739
1964	49	9.10095365	1990	23	2.81957498
1965	48	8.69988878	1991	22	2.69532070
1966	47	8.31649821	1992	21	2.57654211
1967	46	7.95000307	1993	20	2.46299790
1968	45	7.59965880	1994	19	2.35445742
1969	44	7.26475366	1995	18	2.25070014
1970	43	6.94460726	1996	17	2.15151528
1971	42	6.63856922	1997	16	2.05670135
1972	41	6.34601780	1998	15	1.96606572
1973	40	6.06635867	1999	14	1.87942426
1974	39	5.79902367	2000	13	1.79660096
1975	38	5.54346972	2001	12	1.71742755
1976	37	5.29917763	2002	12	1.71742755
1977	36	5.06565111	2003	11	1.64174319
1978	35	4.84241575	2004	10	1.56939412
1979	34	4.62901802	2005	9	1.50023336
1980	33	4.42502439	2006	8	1.43412041
1981	32	4.23002045	2007	7	1.37092095
1982	31	4.04361003	2008	6	1.31050860
1983	30	3.86541442	2009	5	1.25275461
1984	29	3.69507162	2010	4	1.19754767
1985	28	3.53223556	2011	3	1.14477360
1986	27	3.37657543	2012	2	1.09432521
1987	26	3.22777501	2013	1	1.04610000

- 6/ Derived by adding the sum of items shown in Column (5) to the 2014 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



January 27, 2014

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed are revisions to your 2014 Statement of Charges, dated July 1, 2013. Please replace and include these revisions in the Statement of Charges package previously sent to you. Please note that not all revisions apply to every contractor. The revised statements include the following changes:

1. Attachment 4C - Transportation Variable Charges to reflect:
  - a. The corrected 2012 Calculated Component.
  - b. The JP Morgan/FERC settlement of \$4.43 million received in Calendar Year (CY) 2013 and applied to CY 2010, 2011, and 2012.
2. Attachment 5 which reflects the revised prior year's over and under Variable net adjustments.
3. Attachment 3 which summarizes Tables A, C, D, E, F, G of the State Water Supply Contract, to reflect the above.

All other attachments to the 2014 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Lisa Toms, Chief of the Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list.)

Mr. Joe Richardson  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (TABLE C)	TRANSPORTATION CHARGE					DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT	
			CAPITAL COST COMPONENT (TABLE D)			MINIMUM O&M&R COMPONENT (TABLES F & G)	ESTIMATED VARIABLE O&M&R COMPONENT (TABLES F & G)					TOTAL TRANSPORTATION PAYMENT (TABLE G)
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (TABLE G)							
1960	0	0	0	0	0	0	0	0	0	0		
1961	0	0	0	0	0	0	0	0	0	0		
1962	0	12,185,418	0	0	0	0	0	0	0	0		
1963	0	10,092,764	65,920	1,276,315	1,341,244	0	0	0	0	1,341,244		
1964	0	17,056,137	123,676	1,182,375	1,306,050	0	0	0	0	1,306,050		
1965	0	31,951,002	221,554	490,152	711,706	0	0	0	0	711,706		
1966	0	70,547,174	404,842	3,936,242	4,340,884	0	0	0	0	4,340,884		
1967	0	124,995,713	804,090	4,850,311	5,655,301	0	0	0	0	5,655,301		
1968	0	139,028,172	1,518,387	12,598,159	14,116,546	1,711,581	0	0	0	15,828,107		
1969	0	130,799,064	2,344,821	20,083,016	22,427,937	1,314,041	0	0	0	23,722,878		
1970	0	160,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	0	0	32,539,136		
1971	0	115,381,881	4,110,135	25,709,703	29,828,838	2,845,550	0	0	0	32,674,388		
1972	154,772	20,009,850	4,933,190	37,904,125	42,837,315	7,857,023	738,859	51,432,997	2,043,211	63,478,209		
1973	354,800	37,374,984	5,310,452	46,352,949	51,666,401	8,934,684	1,200,232	81,884,317	2,317,893	84,202,210		
1974	454,900	18,707,208	6,763,757	47,707,959	53,551,716	7,472,377	1,763,039	62,777,132	4,231,033	67,008,065		
1975	655,200	14,041,381	6,119,800	44,008,687	50,188,747	12,086,036	4,163,244	67,317,027	6,073,286	72,390,313		
1976	655,600	12,035,610	8,481,416	43,625,641	50,307,059	15,856,909	4,952,315	70,918,283	6,422,167	77,336,450		
1977	765,900	11,097,905	6,845,330	43,815,744	50,891,074	15,446,746	(231,716)	65,876,104	7,104,278	72,978,382		
1978	858,300	16,187,668	7,220,783	44,308,381	51,529,164	12,906,948	7,850,079	72,280,191	9,016,380	81,302,580		
1979	956,800	27,165,745	7,035,833	44,709,391	52,346,224	27,082,599	(3,971,767)	75,436,056	10,936,192	86,371,248		
1980	1,057,000	57,170,819	6,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,450	13,102,790	97,350,240		
1981	1,157,300	15,797,979	8,810,181	86,430,644	75,246,805	14,924,917	8,679,376	98,854,098	20,910,099	119,764,197		
1982	1,257,600	29,493,601	9,311,108	29,876,671	38,187,860	36,880,205	9,181,112	84,335,180	23,998,560	108,333,740		
1983	1,358,000	23,110,146	9,900,019	50,817,073	60,817,002	40,334,920	(5,993,116)	104,158,905	17,203,307	134,163,570		
1984	1,458,300	14,829,300	10,481,447	72,953,909	83,435,446	45,517,432	(7,893,040)	121,058,038	18,765,458	170,054,963		
1985	1,558,700	1,104,111	11,044,875	52,261,809	63,299,684	50,783,089	(5,780,098)	113,291,876	22,050,074	212,780,172		
1986	1,659,300	7,329,014	11,603,626	50,282,605	61,886,291	30,809,854	8,897,441	98,383,588	26,089,858	224,473,446		
1987	1,759,900	6,204,055	12,180,284	50,899,821	63,080,105	51,350,947	7,935,949	113,275,801	28,085,043	241,360,844		
1988	1,860,400	8,203,847	12,778,919	51,394,480	64,163,370	50,854,835	(9,003,510)	105,814,704	28,781,238	234,595,942		
1989	1,961,000	17,282,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,361,068)	128,867,106	4,507,041	234,271,869		
1990	2,011,500	10,019,190	14,139,887	61,143,869	65,283,656	47,212,402	24,090,472	138,588,490	4,037,980	268,205,248		
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,117,026	20,540,087	145,856,109	6,259,803	242,005,416		
1992	2,011,500	10,184,149	16,729,240	51,929,318	68,758,567	72,160,742	(14,038,492)	124,280,817	8,435,312	246,880,512		
1993	2,011,500	26,707,108	18,603,199	48,114,082	64,717,201	62,401,809	(45,542,508)	81,666,502	40,859,579	166,723,909		
1994	2,011,500	14,175,365	17,579,466	46,372,600	66,951,066	72,700,047	10,248,886	148,901,068	38,158,173	289,823,237		
1995	2,011,500	14,182,954	18,512,107	49,050,384	67,571,491	65,023,980	(6,047,784)	124,547,590	41,903,874	247,853,513		
1996	2,011,500	16,741,116	19,494,589	48,084,820	67,559,395	69,208,148	8,003,991	143,040,522	41,105,923	234,490,603		
1997	2,011,500	12,059,294	20,582,904	48,820,518	69,403,422	82,862,153	(1,594,586)	160,471,000	45,548,812	312,121,379		
1998	2,011,500	10,042,044	21,854,134	49,222,302	70,876,438	77,734,742	(9,107,465)	140,603,723	45,855,992	228,363,592		
1999	2,011,500	6,103,222	22,780,285	49,238,510	71,998,795	94,938,960	(6,535,154)	168,400,801	47,422,430	225,823,232		
2000	2,011,500	4,735,560	23,901,416	48,025,280	71,928,676	103,431,917	39,568,479	214,947,071	48,169,578	328,900,324		
2001	2,011,500	2,815,853	25,090,087	47,828,001	72,888,988	81,532,014	94,288,088	228,507,090	48,100,135	345,583,000		
2002	2,011,500	4,777,062	26,248,584	48,748,815	72,965,169	88,214,191	86,198,773	229,398,163	48,899,394	343,900,535		
2003	2,011,500	2,507,003	27,522,942	44,502,580	72,085,522	113,391,880	83,853,491	269,130,893	47,869,370	379,838,028		
2004	2,011,500	3,216,350	28,827,531	43,407,981	72,235,512	77,477,480	62,185,180	241,878,132	47,414,032	368,909,942		
2005	2,011,500	5,480,107	30,205,228	38,507,833	66,713,059	68,068,434	112,280,580	237,082,053	49,248,383	368,909,942		
2006	2,011,500	11,491,470	31,885,532	35,298,116	64,871,648	83,820,114	115,903,550	204,585,321	47,418,073	393,002,957		
2007	2,011,500	9,482,981	33,342,800	32,042,313	65,385,113	76,223,077	174,432,589	310,041,870	52,120,489	442,269,888		
2008	2,011,500	9,762,810	35,052,179	32,399,282	67,410,401	117,915,033	88,979,752	253,913,246	63,315,217	398,076,432		
2009	2,011,500	18,517,026	36,897,202	30,577,438	67,434,098	119,874,304	72,182,125	253,291,127	58,290,144	314,257,887		
2010	2,011,500	15,448,861	38,939,590	29,487,025	68,408,685	120,045,953	82,902,324	277,354,882	72,808,845	348,900,324		
2011	2,011,500	10,210,710	41,076,182	27,715,983	68,792,145	108,471,804	110,348,261	285,813,010	80,142,822	467,999,525		
2012	2,011,500	12,073,517	43,211,219	26,757,098	69,968,865	91,299,716	131,284,483	292,532,066	83,872,840	470,834,328		
2013	2,011,500	24,436,491	44,881,469	26,989,905	70,871,374	123,879,911	160,440,908	344,962,193	80,556,170	530,870,858		
2014	2,011,500	33,731,984	47,095,111	23,855,580	70,950,680	114,719,519	166,104,546	351,773,744	84,040,101	530,870,858		
2015	2,011,500	40,323,363	40,373,960	23,220,794	72,594,784	107,105,076	201,473,380	381,253,240	84,040,101	530,870,858		
2016	2,011,500	21,440,102	51,274,886	22,798,844	74,081,729	114,489,083	169,244,240	357,785,932	84,040,101	530,870,858		
2017	2,011,500	4,365,879	50,734,469	21,433,046	72,167,515	113,703,246	163,644,818	340,505,579	84,040,101	530,870,858		
2018	2,011,500	0	46,795,295	19,383,463	66,158,758	114,831,179	176,824,164	360,014,101	84,040,101	530,870,858		
2019	2,011,500	0	41,740,042	17,287,350	59,027,392	116,080,482	168,967,019	344,114,803	84,040,101	530,870,858		
2020	2,011,500	0	36,937,092	15,438,588	52,375,680	117,193,044	170,807,059	340,466,783	84,040,101	530,870,858		
2021	2,011,500	0	30,902,389	13,822,985	44,725,354	118,354,873	171,927,119	335,007,346	84,040,101	530,870,858		
2022	2,011,500	0	28,384,644	12,485,315	40,869,959	119,530,422	169,841,676	326,030,057	84,040,101	530,870,858		
2023	2,011,500	0	26,117,286	11,285,700	37,402,986	120,733,806	175,329,746	333,440,537	84,040,101	530,870,858		
2024	2,011,500	0	25,396,090	10,083,384	35,479,474	121,941,144	168,626,599	327,047,217	84,040,101	530,870,858		
2025	2,011,500	0	25,706,263	8,822,320	34,528,573	123,100,557	170,989,704	328,778,834	84,040,101	530,870,858		
2026	2,011,500	0	26,135,067	7,745,782	33,880,849	124,392,163	170,288,887	328,541,899	84,040,101	530,870,858		
2027	2,011,500	0	26,719,833	6,547,941	33,267,774	125,636,086	167,076,618	320,882,475	84,040,101	530,870,858		
2028	2,011,500	0	27,391,809	5,322,575	32,704,184	126,882,445	169,818,142	329,215,771	84,040,101	530,870,858		
2029	2,011,500	0	27,801,570	4,099,097	31,900,673	128,161,371	170,038,578	338,130,822	84,040,101	530,870,858		
2030	2,011,500	0	27,748,874	2,890,444	30,647,118	129,442,883	168,625,044	328,515,146	84,040,101	530,870,858		
2031	2,011,500	0	26,860,810	1,554,502	27,835,412	130,737,412	182,820,870	340,983,794	84,040,101	530,870,858		
2032	2,011,500	0	26,409,478	391,340	26,830,818	132,044,788	183,505,932	322,381,538	84,040,101	530,870,858		
2033	2,011,500	0	20,170,492	(841,788)	25,328,706	133,365,235	183,603,781	324,297,722	84,040,101	530,870,858		
2034	2,011,500	0	28,186,637	(2,034,833)	24,151,704	134,689,889	184,577,661	323,428,254	84,040,101	530,870,858		
2035	2,011,500	0	28,820,888	(3,233,420)	23,388,443	136,045,876	183,818,052	323,200,371	84,040,101	530,870,858		
TOTAL	109,260,272	1,546,382,428	1,546,382,427	2,193,275,954	3,738,838,381	5,200,218,690	5,218,925,480	14,248,882,857	3,302,805,020	1,065,545,148	1,892,577,814	20,568,410,845

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF VARIABLE COST COMPONENT  
UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2013	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2014	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	725,943	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,249,556)	
1974	277,717	1,872,297	1,753,039	119,258	723,461	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,601,063)	
1976	618,451	5,485,263	4,952,315	532,948	2,954,383	
1977	189,755	(796,686)	(231,716)	(564,970)	(2,993,877)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(21,040,946)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	38,708,951	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(15,778,311)	
1981	795,846	10,862,932	8,679,376	2,183,556	9,662,289	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,327,875)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(12,136,416)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,005,777	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(33,075,577)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(19,610,841)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(36,949,684)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	17,738,499	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	45,790,818	
1990	1,396,423	30,759,725	24,090,472	6,669,253	19,671,345	
1991	391,447	184,870	20,546,087	(20,361,217)	(57,409,977)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	13,927,974	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	62,013,846	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(15,243,990)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	7,420,795	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(14,032,453)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	8,656,180	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(13,340,418)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,602,918)	
2000	1,522,412	(16,720,534)	39,588,478	(56,309,012)	(105,828,522)	
2001	970,869	160,090,738	94,286,088	65,804,650	118,224,698	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(14,338,154)	
2003	1,649,639	94,397,023	83,653,491	10,743,532	17,638,121	
2004	1,582,735	106,695,328	92,165,160	14,530,168	22,803,560	
2005	1,528,045	113,376,456	112,260,560	1,115,896	1,674,105	
2006	1,512,186	82,894,100	115,993,559	(33,099,459)	(47,468,610)	
2007	1,350,477	137,960,557	174,432,589	(36,472,032)	(50,000,273)	
2008	719,069	84,136,645	68,579,752	15,556,893	20,387,411	
2009	787,605	59,087,386	72,182,125	(13,094,739)	(16,404,495)	
2010	1,150,524	90,921,173	82,902,324	8,018,849	9,602,954	
2011	1,540,663	131,725,244	110,349,261	21,375,983	24,470,661	
2012	1,213,215	112,774,817	131,264,463	(18,489,646)	(20,233,686)	
2013	826,732	185,355,572	150,440,908	34,914,664	36,524,227	
2014	1,146,900	193,446,189				166,104,545
				<b>TOTAL</b>	<b>(27,341,644)</b>	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2014  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 10A (CA)	60,000	23.29638693	1,397,783
East Branch Reach 26A, 28H and 28J	506,415	181.27485024	91,800,303
VEBX-R1	0	132.71490280	0
West Branch Reach 30	580,485	172.69714561	100,248,103
		Sub total	193,446,189
			(27,341,644)
			2,953,640
			771,391
			169,829,576

1/ Derived by dividing column (4) by column (2).  
2/ Will be applied 1/12 monthly to the actual 2014  
water delivery billings.



**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 17, 2014

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attention: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revision to your "O" invoice, dated June 30, 2013 for calendar year 2014 Off-Aqueduct Power facility charges. The revised invoice reflects changes in allocations based upon actual charges through May 2014 and projections through the remainder of the 2014 calendar year. Please note that the revised payments will be effective with the July 1, 2014 scheduled payment.

If you have any questions or concerns regarding this revised 2014 Off-Aqueduct invoice for 2014, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

Ms. Ingrid Scheipline  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 14-013-O-(Revised)

Date: July 1, 2014

Contract No: 160157

[in dollars]

Month on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$864,828	\$216,207	\$2,744	\$1,483,506	\$2,567,285
February 1	864,828	216,207	2,744	1,483,506	2,567,285
March 1	864,828	216,207	2,744	1,483,506	2,567,285
April 1	864,828	216,207	2,744	1,483,506	2,567,285
May 1	864,828	216,207	2,744	1,483,506	2,567,285
June 1	864,828	216,207	2,743	1,483,506	2,567,284
July 1	914,954	228,739	12,245	1,370,625	2,526,563
August 1	914,953	228,738	12,244	1,370,625	2,526,560
September 1	914,953	228,738	12,244	1,370,624	2,526,559
October 1	914,953	228,738	12,244	1,370,624	2,526,559
November 1	914,953	228,738	12,244	1,370,624	2,526,559
December 1	914,953	228,738	12,244	1,370,624	2,526,559
<b>Total:</b>	<b>\$10,678,687</b>	<b>\$2,669,671</b>	<b>\$89,928</b>	<b>\$17,124,782</b>	<b>\$30,563,068</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 942360001  
 (916) 653-5791



July 1, 2014

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2015.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 15-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$53,118,787
Capital Cost Component		
Delta Water Charge	\$34,463,463	
Less Rate Management Credit Under Monterey Amendment	0	
		34,463,463
Transportation Charge	63,707,704	
Less Rate Management Credit Under Monterey Amendment	0	
Less Permanent Table A Transfer Credit	3,605,732	
		60,101,972
Minimum Operation, Maintenance, Power and Replacement Component		
Delta Water Charge		68,278,902
Transportation Charge		188,629,665
		<u>188,629,665</u>
Total for Invoice No. 15-014-T		<u>\$404,592,789</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 15-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,741,439
Article 17 (b)		
Operation and Maintenance		8,415,520
		<u>8,415,520</u>
Total for Invoice No. 15-002-DCC		<u>\$16,156,959</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2014  
Page Two

Based on scheduled deliveries of entitlement water, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2015 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$184,582,161

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent, and are applied against the payments to be made in 2015. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

The 2015 Off-Aqueduct Facility charge, Invoice No. 15-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$14,604,834

The 2015 Replacement Account System Charge for Conservation Facilities, Invoice No. 15-014-U, Attachment 1-2 is:

Conservation Replacement Account System Charge \$775,223

The 2015 East Branch Enlargement Facilities Transportation Charge, Invoice No. 15-004-E, Attachment 1-3 is:

Capital Cost Component \$30,334,074  
Minimum Operation, Maintenance, Power and Replacement Component 7,612,597

Total East Branch Enlargement Facilities \$37,946,671

The 2015 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 15-007-TAB, Attachment 1-6 is:

Capital Cost Component  
Tehachapi Second Afterbay Facilities \$5,545,084

Enclosed is Attachment 8 which shows the charges under the executed agreement for Municipal Water Quality Investigations (MWQI). The MWQI charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

The Transportation Minimum charge in Attachment 4B includes a line item charge of \$600,000 for the 2015 Delta Utility Planning Charge.

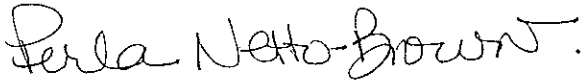
Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2014  
Page Three

The Transportation Capital charge shown on Attachment 1 and 1C (for M&I contractors) or 1D (for AG contractors) includes a credit for calendar year 2015 that resulted from permanent Table A transfers. Attachment 11 summarizes the credit by the State Water Project repayment reach that your agency participates in. The Department will work with your agency to develop a process and the timing, based on availability of funds, for the return of the credits for the years prior to calendar year 2015.

Transportation and Conservation Capital charges do not include the Rate Management Credit under the Monterey Amendment for 2015. The Department will keep the contractors informed regarding the possible 2015 Rate Management Credit as information becomes available.

If you have any questions concerning these charges, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list)

Ms. Ingrid Sheipline  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-014-T

Date: June 30, 2014

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 16,866,034	\$ 9,693,360	\$ 17,231,732	\$ 30,050,986	\$ 5,689,909	\$ 15,719,139	\$ 95,251,160
February 1					5,689,909	15,719,139	21,409,048
March 1					5,689,909	15,719,139	21,409,048
April 1					5,689,909	15,719,139	21,409,048
May 1					5,689,909	15,719,139	21,409,048
June 1					5,689,909	15,719,139	21,409,048
July 1	16,866,034	9,693,359	17,231,731	30,050,986	5,689,908	15,719,139	95,251,157
August 1					5,689,908	15,719,139	21,409,047
September 1					5,689,908	15,719,139	21,409,047
October 1					5,689,908	15,719,138	21,409,046
November 1					5,689,908	15,719,138	21,409,046
December 1					5,689,908	15,719,138	21,409,046
<b>Total:</b>	<b>\$ 33,732,068</b>	<b>\$ 19,386,719</b>	<b>\$ 34,463,463</b>	<b>\$ 60,101,972</b>	<b>\$ 68,278,902</b>	<b>\$ 188,629,665</b>	<b>\$ 404,592,789</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

A/ 1,911,500 acre feet @ \$18.02953837

B/ 1,911,500 acre feet @ \$35.72006400

C/ Charges under the Capital Cost Component have been reduced by:

Urban Rate Reduction Credit \$0

Agricultural Rate Reduction Credit \$0

D/ Permanent Table A Transfer Credit (\$3,605,732)

Attachment 1



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2015

Invoice No: 15-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: June 30, 2014

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,870,720	\$ 398,155	\$ 303,139	\$ 4,572,014
February 1		398,155	303,139	701,294
March 1		398,155	303,139	701,294
April 1		398,155	303,139	701,294
May 1		398,155	303,139	701,294
June 1		398,155	303,139	701,294
July 1	3,870,719	398,155	303,138	4,572,012
August 1		398,155	303,138	701,293
September 1		398,155	303,138	701,293
October 1		398,155	303,138	701,293
November 1		398,154	303,138	701,292
December 1		398,154	303,138	701,292
<b>Total:</b>	<b>\$ 7,741,439</b>	<b>\$ 4,777,858</b>	<b>\$ 3,637,662</b>	<b>\$ 16,156,959</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2015  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$53,118,787	\$53,118,787
CAPITAL COST COMPONENT:		
Delta Water Charge	\$34,463,463	\$34,463,463
Less Urban Rate Reduction Credit	0	0
	34,463,463	34,463,463
Transportation Charge	71,449,143	71,449,143
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,741,439
Less Urban Rate Reduction Credit	0	0
Less Permanent Table A Transfer Credit	3,605,732	3,605,732
	67,843,411	60,101,972
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	68,278,902	68,278,902
Transportation Charge	197,045,185	197,045,185
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		8,415,520
		188,629,665
Subtotal:		\$404,592,789
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,741,439
OPERATION AND MAINTENANCE		8,415,520
Subtotal:		\$16,156,959
<b>Total charges for Calendar Year 2015:</b>	<b>\$420,749,748</b>	<b>\$420,749,748</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2014

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
Under Article 41, 51 and 53 of the Water Supply Contract

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2015

Capital Cost Component (1)	Water Supply Contract Charges A/ (2)	Urban Rate Reduction Credit B/ (3)	Perm Table A Transfer Credit C/ (4)	Adjusted Charges (5)
Delta Water Charge	\$34,463,463	\$0	\$0	\$34,463,463
Transportation Charge	63,707,704	0	(3,605,732)	60,101,972
Total	<u>\$98,171,167</u>	<u>\$0</u>	<u>(\$3,605,732)</u>	<u>\$94,565,435</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

C/ The Permanent Table A Transfer Credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-013-O  
 Date: June 30, 2014  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$508,281	\$127,071	\$2,754	\$578,966	\$1,217,072
February 1	508,281	127,071	2,754	578,966	1,217,072
March 1	508,281	127,070	2,754	578,966	1,217,071
April 1	508,281	127,070	2,753	578,966	1,217,070
May 1	508,281	127,070	2,753	578,966	1,217,070
June 1	508,281	127,070	2,753	578,966	1,217,070
July 1	508,281	127,070	2,753	578,965	1,217,069
August 1	508,280	127,070	2,753	578,965	1,217,068
September 1	508,280	127,070	2,753	578,965	1,217,068
October 1	508,280	127,070	2,753	578,965	1,217,068
November 1	508,280	127,070	2,753	578,965	1,217,068
December 1	508,280	127,070	2,753	578,965	1,217,068
<b>Total:</b>	<b>\$6,099,367</b>	<b>\$1,524,842</b>	<b>\$33,039</b>	<b>\$6,947,586</b>	<b>\$14,604,834</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2015

Mr. Devendra N. Upadhyay, Group Manager Water Resource Management Group The Metropolitan Water District of Southern California Attn: David Reukema 700 North Alameda Street Los Angeles, California 90012-2944	Invoice No:	<u>15-014-U</u>
	Date:	<u>June 30, 2014</u>
	Contract No:	<u>160157</u>

[in dollars]

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<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$64,602
February 1	64,602
March 1	64,602
April 1	64,602
May 1	64,602
June 1	64,602
July 1	64,602
August 1	64,602
September 1	64,602
October 1	64,602
November 1	64,602
December 1	64,601
Total:	<u><u>\$775,223</u></u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-004-E  
 Date: June 30, 2014  
 Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 634,384	\$ 634,384
February 1				634,383	634,383
March 1	\$ 4,207,766	\$ 3,032,856	\$ 648,821	634,383	8,523,826
April 1				634,383	634,383
May 1				634,383	634,383
June 1				634,383	634,383
July 1				634,383	634,383
August 1				634,383	634,383
September 1	16,767,089	3,032,855	2,644,687	634,383	23,079,014
October 1				634,383	634,383
November 1				634,383	634,383
December 1				634,383	634,383
<b>Total:</b>	<b>\$ 20,974,855</b>	<b>\$ 6,065,711</b>	<b>\$ 3,293,508</b>	<b>\$ 7,612,597</b>	<b>\$ 37,946,671</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Invoice No: 15-007-TAB

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: June 30, 2014

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,218,034	\$ 554,509	\$ 2,772,543
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,218,033	554,508	2,772,541
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,436,067</b>	<b>\$ 1,109,017</b>	<b>\$ 5,545,084</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AUGMENT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,137	123,575	1,162,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,962	221,554	480,152	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,642	3,936,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,713	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	0	15,828,107	0	0	15,828,107	
1969	0	130,789,064	2,344,921	20,063,016	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,850	4,933,180	42,837,125	47,770,305	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,800	37,374,984	5,316,452	46,352,949	51,669,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	16,707,208	5,763,757	47,787,959	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,381	6,119,860	44,066,887	50,188,747	12,985,036	4,163,244	67,317,027	5,073,286	0	72,390,313	
1976	655,800	12,035,616	6,451,418	43,825,641	50,287,059	15,656,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	11,067,905	6,845,330	43,815,744	50,661,074	15,445,748	(231,718)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,698	7,220,783	44,308,391	51,529,174	12,806,948	7,850,079	72,286,191	9,016,369	0	81,302,560	
1979	956,600	27,165,745	7,635,833	44,709,391	52,345,224	27,062,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,619	8,134,825	45,780,110	53,914,935	21,581,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	66,430,644	75,249,805	14,924,917	8,679,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,600	29,493,601	9,311,198	28,876,671	38,187,869	36,866,205	9,181,112	84,335,186	23,998,560	0	108,333,746	
1983	1,358,000	23,110,146	9,900,019	50,917,073	60,817,092	49,334,929	(5,983,116)	104,158,905	17,203,307	0	121,362,212	
1984	1,458,300	14,829,360	10,481,447	72,953,989	83,435,436	45,517,432	(7,893,940)	121,058,938	18,766,458	0	139,825,396	
1985	1,558,700	9,164,111	11,044,575	52,251,809	63,296,684	56,783,089	(6,788,098)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,614	11,603,626	50,282,685	61,886,311	30,809,854	6,687,441	99,383,586	25,089,058	0	124,472,644	
1987	1,759,800	6,204,065	12,180,264	50,899,921	63,080,185	51,359,647	7,935,849	122,375,681	26,095,043	0	148,470,724	
1988	1,860,400	6,203,847	12,778,919	51,384,460	64,163,379	50,654,835	(8,903,510)	105,914,704	26,871,236	2,642,354	134,428,394	
1989	1,961,000	17,262,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,351,958)	128,867,108	4,587,641	0	133,454,749	
1990	2,011,500	16,019,198	14,139,887	51,143,869	65,283,556	47,212,462	24,000,472	138,586,490	33,816,369	0	172,402,859	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,676,185	6,259,893	152,731,097	
1992	2,011,500	19,184,149	15,729,249	51,029,318	66,758,567	72,160,742	(14,830,492)	124,280,817	40,763,329	8,435,312	133,479,458	
1993	2,011,500	25,797,106	16,603,139	48,114,082	64,717,201	62,491,809	(45,542,508)	81,668,502	40,859,579	8,885,273	131,413,354	
1994	2,011,500	14,175,365	17,579,456	48,372,500	65,951,956	72,700,847	10,248,885	148,901,688	39,155,173	8,828,755	157,885,616	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,491	65,023,899	(8,047,784)	124,547,586	41,903,874	10,539,430	136,050,890	
1996	2,011,500	19,741,116	19,494,569	48,064,826	67,559,395	68,296,146	8,093,981	143,949,522	41,195,923	12,810,359	155,160,804	
1997	2,011,500	12,059,264	20,582,904	48,820,518	69,403,422	62,662,153	(1,594,568)	150,471,009	45,548,810	13,168,230	163,647,039	
1998	2,011,500	16,262,044	21,654,134	49,222,302	70,876,436	77,734,742	(8,107,455)	140,503,723	45,855,992	12,662,268	153,421,983	
1999	2,011,500	8,103,222	22,760,285	49,238,510	71,998,795	94,936,960	(6,535,154)	158,400,601	47,422,430	17,454,651	175,877,682	
2000	2,011,500	2,615,560	23,901,416	48,025,260	71,926,676	103,431,817	39,588,478	214,947,071	48,169,576	0	263,116,647	
2001	2,011,500	2,615,853	25,080,087	47,828,801	72,688,988	81,532,014	94,286,088	228,507,090	48,180,135	19,490,499	248,097,589	
2002	2,011,500	4,777,082	28,248,584	46,746,615	72,995,199	88,214,191	68,188,773	229,398,163	48,698,394	20,091,004	250,189,561	
2003	2,011,500	2,507,003	27,522,942	44,562,560	72,085,522	113,391,880	63,853,491	269,130,893	47,869,579	20,920,403	290,060,875	
2004	2,011,500	28,827,531	43,407,981	72,235,512	77,477,460	92,165,160	102,662,053	241,876,132	47,414,032	20,941,743	262,817,865	
2005	1,911,500	5,460,107	30,205,226	38,507,833	66,713,059	58,088,434	112,260,550	237,062,053	49,246,383	19,770,590	256,838,443	
2006	1,911,500	11,535,830	31,685,532	33,286,116	64,971,648	83,620,114	115,983,559	284,585,321	47,416,073	20,330,228	302,015,601	
2007	1,911,500	9,535,328	33,343,559	32,041,554	65,385,113	78,223,977	174,432,589	316,041,679	45,120,469	18,303,204	339,365,152	
2008	1,911,500	9,825,833	36,054,290	32,364,171	67,418,461	117,915,033	68,579,572	253,913,246	53,315,217	19,303,204	273,228,450	
2009	1,911,500	18,587,339	36,862,827	30,571,871	67,434,698	113,674,304	72,182,125	253,291,127	58,266,144	21,153,536	274,444,707	
2010	1,911,500	15,474,955	38,946,422	29,480,163	68,408,585	126,045,953	82,902,324	217,354,862	72,806,845	0	290,161,707	
2011	1,911,500	10,407,978	41,083,921	27,708,224	68,792,145	108,471,604	110,349,281	285,613,010	80,142,822	21,860,932	307,476,764	
2012	1,911,500	12,449,273	43,224,001	26,744,884	69,988,885	91,298,716	131,264,463	292,532,086	83,672,846	22,686,017	315,218,903	
2013	1,911,500	18,202,742	44,904,361	25,987,013	70,871,374	123,079,911	86,127,802	280,879,087	88,558,170	23,602,662	313,089,819	
2014	1,911,500	33,752,715	46,949,546	24,001,134	70,950,680	114,718,519	74,569,744	250,298,943	84,040,101	42,670,698	277,009,742	
2015	1,911,500	33,527,691	48,929,909	22,519,234	71,449,143	198,445,185	191,850,564	459,744,892	53,118,787	14,604,834	527,468,513	
2016	1,911,500	19,545,201	50,595,196	21,798,417	72,396,613	148,328,434	198,795,668	419,518,715	102,742,365	53,508,425	573,769,503	
2017	1,911,500	10,327,855	49,959,988	20,390,262	70,350,260	146,333,848	204,750,358	421,434,466	102,742,365	52,884,418	574,659,249	
2018	1,911,500	20,211,293	46,205,243	18,626,109	64,831,352	147,797,186	219,771,435	432,369,873	102,742,365	47,998,279	580,116,517	
2019	1,911,500	9,765,299	41,941,833	17,489,324	59,431,157	149,275,160	202,481,868	411,188,185	102,742,365	50,479,343	564,409,993	
2020	1,911,500	0	37,663,417	16,071,573	53,634,990	150,693,534	208,096,910	412,425,434	102,742,365	47,778,919	560,204,358	
2021	1,911,500	0	31,557,587	14,427,076	45,984,663	152,200,470	209,283,138	407,468,271	102,742,365	47,883,431	555,251,706	
2022	1,911,500	0	27,070,046	13,039,222	40,109,268	153,722,475	209,889,593	403,721,336	102,742,365	46,027,317	550,478,668	
2023	1,911,500	0	26,834,286	11,808,009	38,642,295	155,259,699	212,866,348	405,768,341	102,742,365	46,416,627	552,185,033	
2024	1,911,500	0	26,146,143	10,592,640	36,738,783	156,812,298	206,166,800	399,717,379	102,742,365	45,197,917	544,915,311	
2025	1,911,500	0	25,490,884	9,396,998	34,887,882	158,380,418	209,800,193	404,068,993	102,742,365	44,782,987	548,851,345	
2026	1,911,500	0	26,955,869	8,184,289	35,140,158	159,964,222	204,966,749	400,071,129	102,742,365	39,399,793	539,470,924	
2027	1,911,500	0	27,578,574	6,948,808	34,527,382	161,563,865	207,983,281	404,074,328	102,742,365	42,512,745	546,587,073	
2028	1,911,500	0	28,279,834	5,683,660	33,963,494	163,179,504	209,193,412	405,386,410	102,742,365	34,499,036	540,627,811	
2029	1,911,500	0	28,801,208	4,386,773	33,187,981	164,811,296	212,228,742	410,230,019	102,742,365	36,896,333	547,026,384	
2030	1,911,500	0	28,729,624	3,076,804	31							



STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year (1)	Calculated Components as of 01/01/2014 (2)	Payment Received (3)	Current Overpayment (-) or Underpayment (4)	Annual Difference Capitalized to 2015 (5)	Adjusted Calculated Component, this Statement (6)
1963	690,812	1,341,244	(650,432)	(6,776,542)	
1964	1,260,513	1,305,950	(45,437)	(452,525)	
1965	2,180,589	701,706	1,478,883	14,079,715	
1966	3,900,172	4,340,884	(440,712)	(4,010,901)	
1967	7,693,703	5,655,301	2,038,402	17,733,872	
1968	14,345,147	14,116,546	228,601	1,901,161	
1969	21,857,456	22,407,937	(550,481)	(4,376,323)	
1970	28,992,595	30,498,028	(1,505,433)	(11,440,775)	
1971	37,242,413	29,828,838	7,413,575	53,857,795	
1972	44,062,125	42,837,315	1,224,810	8,505,823	
1973	46,299,581	51,669,401	(5,369,820)	(35,647,924)	
1974	48,322,678	53,551,716	(5,229,038)	(33,183,566)	
1975	49,285,084	50,188,747	(903,663)	(5,481,944)	
1976	50,137,295	50,307,059	(169,764)	(984,467)	
1977	50,827,166	50,661,074	166,092	920,727	
1978	51,426,581	51,529,164	(102,583)	(543,608)	
1979	52,230,344	52,345,224	(114,880)	(581,941)	
1980	53,637,412	53,914,935	(277,523)	(1,343,881)	
1981	56,667,437	75,249,805	(18,582,368)	(86,018,115)	
1982	57,465,063	38,187,869	19,277,194	85,302,054	
1983	59,037,472	60,817,092	(1,779,620)	(7,527,828)	
1984	60,313,580	83,435,446	(23,121,866)	(93,495,810)	
1985	61,144,629	63,296,684	(2,152,055)	(8,318,585)	
1986	61,666,346	61,886,291	(219,945)	(812,713)	
1987	62,094,710	63,080,185	(985,475)	(3,480,931)	
1988	62,452,912	64,163,379	(1,710,467)	(5,775,520)	
1989	62,796,236	65,087,315	(2,291,079)	(7,395,086)	
1990	63,762,459	65,283,556	(1,521,097)	(4,693,393)	
1991	64,677,355	66,131,997	(1,454,642)	(4,290,550)	
1992	65,776,353	66,758,567	(982,214)	(2,769,427)	
1993	66,905,041	64,717,201	2,187,840	5,896,931	
1994	68,486,622	65,951,956	2,534,666	6,530,675	
1995	69,373,540	67,571,491	1,802,049	4,438,443	
1996	70,251,056	67,559,395	2,691,661	6,337,401	
1997	71,530,953	69,403,422	2,127,531	4,788,435	
1998	72,283,436	70,876,436	1,407,000	3,027,183	
1999	72,917,423	71,998,795	918,628	1,889,344	
2000	73,432,162	71,926,676	1,505,486	2,959,884	
2001	73,741,965	72,688,988	1,052,977	1,978,991	
2002	73,915,736	72,995,199	920,537	1,653,838	
2003	74,227,711	72,085,522	2,142,189	3,679,054	
2004	74,463,765	72,235,512	2,228,253	3,658,220	
2005	68,352,994	66,713,059	1,639,935	2,573,704	
2006	68,688,724	64,971,648	3,717,076	5,576,481	
2007	69,409,634	65,385,113	4,024,521	5,771,648	
2008	70,015,898	67,418,461	2,597,437	3,560,880	
2009	70,658,679	67,434,698	3,223,981	4,225,048	
2010	71,884,880	68,406,585	3,478,295	4,357,450	
2011	72,928,452	68,792,145	4,136,307	4,953,425	
2012	73,646,192	69,968,885	3,677,307	4,209,684	
2013	73,904,889	70,871,374	3,033,515	3,319,652	
2014	74,709,956	70,950,680	3,759,276	3,932,578	
2015	75,610,681				17,828,422
			TOTAL	(57,782,259)	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2014	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(6,144,454)	
1969	1,295,607	1,314,941	(19,334)	(153,702)	
1970	1,624,569	2,041,108	(416,539)	(3,165,558)	
1971	2,716,584	2,845,550	(128,966)	(936,905)	
1972	8,038,463	7,857,023	181,440	1,260,030	
1973	9,890,316	8,934,684	955,632	6,344,028	
1974	11,581,491	7,472,377	4,109,114	26,076,512	
1975	13,584,548	12,965,036	619,512	3,758,182	
1976	12,862,489	15,656,909	(2,794,420)	(16,204,909)	
1977	16,203,699	15,445,746	757,953	4,201,690	
1978	17,811,770	12,906,948	4,904,822	25,991,523	
1979	16,414,289	27,062,599	(10,648,310)	(53,940,622)	
1980	20,926,898	21,561,704	(634,806)	(3,073,996)	
1981	23,731,024	14,924,917	8,806,107	40,763,630	
1982	27,994,510	36,966,205	(8,971,695)	(39,699,971)	
1983	38,953,367	49,334,929	(10,381,562)	(43,914,220)	
1984	45,597,671	45,517,432	80,239	324,456	
1985	50,064,444	56,783,089	(6,718,645)	(25,970,346)	
1986	52,858,915	30,809,854	22,049,061	81,472,859	
1987	50,737,631	51,359,647	(622,016)	(2,197,107)	
1988	51,262,231	50,654,835	607,396	2,050,919	
1989	52,638,942	69,131,749	(16,492,807)	(53,235,070)	
1990	61,053,824	47,212,462	13,841,362	42,707,965	
1991	60,874,529	59,177,025	1,697,504	5,006,885	
1992	67,460,598	72,160,742	(4,700,144)	(13,252,408)	
1993	68,749,547	62,491,809	6,257,738	16,866,611	
1994	63,898,029	72,700,847	(8,802,818)	(22,680,832)	
1995	68,079,888	65,023,889	3,055,999	7,526,920	
1996	72,757,439	68,296,146	4,461,293	10,503,925	
1997	75,655,465	82,662,153	(7,006,688)	(15,769,953)	
1998	80,540,695	77,734,742	2,805,953	6,037,050	
1999	86,320,578	94,936,960	(8,616,382)	(17,721,325)	
2000	82,387,903	103,431,917	(21,044,014)	(41,373,915)	
2001	92,981,676	61,532,014	31,449,662	59,107,258	
2002	85,410,289	88,214,191	(2,803,902)	(5,037,493)	
2003	82,434,882	113,391,880	(30,956,998)	(53,166,402)	
2004	99,642,794	77,477,460	22,165,334	36,389,786	
2005	74,328,686	58,088,434	16,240,252	25,487,357	
2006	76,971,802	83,620,114	(6,648,312)	(9,974,019)	
2007	105,964,051	76,223,977	29,740,074	42,650,847	
2008	114,899,619	117,915,033	(3,015,414)	(4,133,894)	
2009	100,542,552	113,674,304	(13,131,752)	(17,209,247)	
2010	99,600,994	126,045,953	(26,444,959)	(33,129,045)	
2011	106,333,178	106,471,604	(138,426)	(165,772)	
2012	121,400,718	91,298,718	30,102,000	34,459,975	
2013	143,169,011	123,679,911	19,489,100	21,327,414	
2014	142,067,107	114,718,519	27,348,588	28,609,356	
2015	149,771,172				196,445,185
			Total	46,674,013	
Delta Utility Planning Charge					600,000
Net Minimum Charges:					<u>197,045,185</u>

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars)

Year (1)	Annual Quantities Delivered or Requested (2)	Calculated Components as of 01/01/2014 (3)	Payments Received (4)	Current Overpayment (-) or Underpayment (5)	Annual Difference Capitalized to 2015 (6)	Adjusted Calculated Component, this Statement (7)
1972	71,938	848,011	738,659	109,352	759,409	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,307,160)	
1974	277,717	1,872,297	1,753,039	119,258	756,812	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,674,872)	
1976	618,451	5,485,263	4,952,315	532,948	3,090,580	
1977	189,755	(796,686)	(231,716)	(564,970)	(3,131,895)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(22,010,934)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	40,493,434	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(16,505,691)	
1981	795,846	10,862,932	8,679,376	2,183,556	10,107,721	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,619,590)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(12,695,905)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,052,143	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(34,600,361)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(20,514,901)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(38,653,064)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	18,556,244	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	47,901,774	
1990	1,396,423	30,759,725	24,090,472	6,669,253	20,578,194	
1991	391,447	184,870	20,546,087	(20,361,217)	(60,056,577)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	14,570,053	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	64,872,684	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(15,946,738)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	7,762,894	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(14,679,350)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	9,055,230	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(13,955,412)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,722,913)	
2000	1,522,412	(16,720,534)	39,588,478	(56,309,012)	(110,707,217)	
2001	970,869	160,090,738	94,286,088	65,804,650	123,674,856	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(14,999,142)	
2003	1,649,639	94,397,023	83,653,491	10,743,532	18,451,239	
2004	1,582,735	106,695,328	92,165,160	14,530,168	23,854,805	
2005	1,528,045	113,376,456	112,260,560	1,115,896	1,751,281	
2006	1,512,186	82,894,100	115,993,559	(33,099,459)	(49,656,913)	
2007	1,350,477	137,976,654	174,432,589	(36,455,935)	(52,282,200)	
2008	719,069	84,139,470	68,579,752	15,559,718	21,331,143	
2009	787,605	58,862,842	72,182,125	(13,319,283)	(17,455,008)	
2010	1,150,524	90,902,572	82,902,324	8,000,248	10,022,348	
2011	1,540,663	131,575,741	110,349,261	21,226,480	25,419,722	
2012	1,214,897	111,537,942	131,264,463	(19,726,521)	(22,582,401)	
2013	789,290	116,610,113	86,127,802	30,482,311	33,357,561	
2014	385,265	101,911,388	74,569,744	27,341,644	28,602,092	
2015	1,138,469	198,586,589				191,850,564
				TOTAL	(6,736,025)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2015

Transportation Components	Transportation Charges		
	Calculated 1/1/2014	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	75,610,681	17,828,422	(57,782,259)
Capital Cost Component difference to be amortized			(57,782,259)
Divided by remaining water deliveries 1/			26,540,855 *
Unit rate for amortizing difference 2/			(2.177106)
Unit rate applied to 2015 deliveries of		1,911,500 acre feet	(4,161,538)
Plus calculated 2015 Capital Cost Component			<u>75,610,681</u>
Adjusted Capital Cost Component			<u><u>71,449,143</u></u>

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

Attachment 4D  
June 30, 2014

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2014	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,757)	
1989	8,978,504	8,991,417	(12,913)	(35,258)	
1990	8,983,597	9,020,145	(36,548)	(91,660)	
1991	8,983,717	9,009,739	(26,022)	(60,188)	
1992	17,989,315	18,053,820	(64,505)	(139,153)	
1993	18,742,682	18,754,578	(11,896)	(24,386)	
1994	18,591,099	18,705,728	(114,629)	(224,867)	
1995	18,556,603	16,729,731	1,826,872	3,421,023	
1996	18,647,406	20,262,394	(1,614,988)	(2,857,214)	
1997	19,545,322	19,141,671	403,651	676,205	
1998	19,966,108	19,092,267	873,841	1,385,697	
1999	20,947,475	20,301,335	646,140	970,173	
2000	22,957,586	17,085,146	5,872,440	8,378,465	
2001	22,965,748	31,847,016	(8,881,268)	(11,909,444)	
2002	22,425,318	22,276,589	148,729	190,186	
2003	19,087,337	22,768,985	(3,681,648)	(4,585,926)	
2004	20,695,237	19,038,306	1,656,931	2,028,804	
2005	15,518,826	17,204,043	(1,685,217)	(2,030,104)	
2006	21,996,926	17,589,839	4,407,087	5,154,036	
2007	21,205,488	20,041,387	1,164,101	1,300,935	
2008	19,895,328	21,870,151	(1,974,823)	(2,098,861)	
2009	20,447,424	20,084,800	362,624	373,645	
2010	20,995,084	20,584,992	410,092	417,443	
2011	20,222,785	21,198,361	(975,576)	(987,952)	
2012	20,463,459	21,513,121	(1,049,662)	(1,058,366)	
2013	17,634,660	16,714,447	920,213	927,844	
2014	27,991,931	27,104,048	887,883	889,854	
2015	30,333,900	0	0	0	30,334,074

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\* Included in the 2015 calculated component is \$6,065,711 for East Branch Enlargement Bond Cover and \$3,293,508 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2014	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(200,138)	
1992	0	339,060	(339,060)	(731,435)	
1993	0	(68,950)	68,950	141,343	
1994	2,174,776	(213,745)	2,388,521	4,685,544	
1995	1,895,643	2,839,696	(944,053)	(1,767,845)	
1996	1,990,213	2,810,767	(820,554)	(1,451,712)	
1997	2,642,077	1,296,887	1,345,190	2,253,493	
1998	2,915,152	1,850,818	1,064,334	1,687,772	
1999	1,599,082	3,847,978	(2,248,896)	(3,376,696)	
2000	2,768,399	2,949,526	(181,127)	(258,422)	
2001	2,113,906	13,032,437	(10,918,531)	(14,641,337)	
2002	2,718,584	(5,934,164)	8,652,748	11,064,604	
2003	3,164,973	1,352,030	1,812,943	2,258,234	
2004	3,415,840	3,040,705	375,135	459,328	
2005	3,173,347	2,605,075	568,272	684,571	
2006	3,371,376	4,317,052	(945,676)	(1,105,957)	
2007	5,155,086	4,321,833	833,253	931,197	
2008	6,283,601	3,665,831	2,617,770	2,782,192	
2009	7,001,216	7,003,623	(2,407)	(2,480)	
2010	5,052,104	4,362,778	689,326	701,682	
2011	5,073,228	8,607,829	(3,534,601)	(3,579,441)	
2012	5,065,721	6,041,609	(975,888)	(983,980)	
2013	5,349,391	5,698,589	(349,198)	(352,094)	
2014	6,341,964	4,290,132	2,051,832	2,056,387	
2015	6,357,787	0	0	0	7,612,597
				1,254,810	

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2015  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 14C	20,000	36.20297260	724,059
East Branch Reach 26A, 28H and 28J	517,484	178.11102020	92,169,603
VEBX-R1	0	132.71490280	0
West Branch Reach 30	600,985	175.86616410	105,692,927
		Sub total	198,586,589
			Net adjustment per redetermination of pre-2015 charges 2/ (6,736,025)
			Estimated Year 2015 Replacement Accounting System (RAS) Charges 2/ 374,463
			Prior years RAS over and under adjustments 2/ (7,642,866)
			Total Estimated 2015 Charges 184,582,161

1/ Derived by dividing column (4) by column (2).  
 2/ Will be applied 1/12 monthly to the actual 2015  
 water delivery billings.

East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California  
(in dollars)

Year	Capital Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	16,714,447	5,698,589	22,413,036
2014	27,104,048	4,290,132	31,394,180
2015	30,334,074	7,612,597	37,946,671
2016	29,785,380	6,643,520	36,428,900
2017	30,875,227	6,643,520	37,518,747
2018	30,152,278	6,643,520	36,795,798
2019	30,259,167	6,643,520	36,902,687
2020	29,611,399	6,643,520	36,254,919
2021	30,294,185	6,643,520	36,937,705
2022	29,149,142	6,643,520	35,792,662
2023	24,029,022	6,643,520	30,672,542
2024	25,261,855	6,643,520	31,905,375
2025	28,677,418	6,643,520	35,320,938
2026	11,409,180	6,643,520	18,052,700
2027	11,630,028	6,643,520	18,273,548
2028	7,527,397	6,643,520	14,170,917
2029	7,895,807	6,643,520	14,539,327
2030	0	6,643,520	6,643,520
2031	0	6,643,520	6,643,520
2032	0	6,643,520	6,643,520
2033	0	6,643,520	6,643,520
2034	0	6,643,520	6,643,520
2035	0	6,643,520	6,643,520
<b>Total</b>	<b>860,431,787</b>	<b>218,626,922</b>	<b>1,079,058,709</b>



State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,131
2002	1,108,894
2003	1,161,643
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,450,106
2011	1,667,959
2012	1,859,027
2013	1,596,002
2014	1,819,046
2015	1,819,046
Total	28,720,971

1. Pursuant to the Municipal Water Quality Investigations Agreements executed in 1994, 1997, 2003, 2006, 2008, 2010 and 2014, these costs are included in the annual Statements of Charges under the Transportation Minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Bay Delta Conservation Plan and Delta Habitat Conservation and Conveyance Program Charge<sup>1</sup>  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
2008	1,606,713
2009	13,083,793
2010	15,953,554
2011	2,422,713
2012	11,258,500
2013	14,329,000
2014	-
2015 <sup>2</sup>	600,000
Total	59,254,273

1. Charges are pursuant to the Agreement for Funding (2008-2011) and the Agreement of Supplemental Funding (2012-2013) for the Costs of Environmental Analysis, Planning and Design of Delta Conservation Measures, Including Delta Conveyance Options. BDCP-DHCCP charges are included as a line item in Attachment 4B and invoiced 1/12th per month, in Attachment 1.

2. For year 2015 a \$600,000 Delta Utility Planning charge was invoiced as agreed upon with MWDSC.

Attachment 10  
June 30, 2014

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Permanent Table A Transfer Credit<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

State Water Project Repayment Reach	2015 Credit
CA-R1	(12,469)
CA-R2A	(2,340)
CA-R2B	(1,222)
CA-R3	(1,022)
CA-R4	(1,680)
CA-R5	(1,325)
CA-R6	(333)
CA-R7	(1,598)
CA-R8C	(42)
CA-R8D	(757)
CA-R9	(26,063)
CA-R10A	(27,468)
CA-R11B	(44,657)
CA-R12D	(43,918)
CA-R12E	(30,509)
CA-R13B	(70,079)
CA-R14A	(289,391)
CA-R14B	(46,356)
CA-R14C	(40,649)
CA-R15A	(231,622)
CA-R16A	(404,663)
CA-R17E	(1,538,967)
CA-R17F	(388,612)
CA-R18A	(34,562)
CA-R19	(25,277)
CA-R20A	(75)
CA-R20B	(94)
CA-R21	(48)
CA-R22A	(50)
CA-R22B	(41,483)
CA-R29A	(40,107)
CA-R29F	(28,695)
CA-R29G	(92,433)
CA-R29H	(14,843)
CA-R29J	(98,609)
CA-R30	(23,714)
Total	(3,605,732)

<sup>1</sup> This credit is to offset 2015 Credit incurred when a buying contractor in a permanent Table A transfer requires downstream capacity from a selling contractor.

## FOOTNOTES

### Attachment 4A

1/ From Table B-15 of Appendix B to Bulletin 132-14, "Management of the California State Water Project".

2/ Payments in 2014 are assumed to be equal to those amounts shown on the Statement of Charges for 2014.

### Attachment 4B

1/ From Table B-16 of Appendix B to Bulletin 132-14.

2/ Payments in 2014 are assumed to be equal to those amounts shown on the Statement of Charges for 2014.

### Attachment 4C

1/ From Table B-5a of Appendix B to Bulletin 132-14.

2/ From Table B-18 of Appendix B to Bulletin 132-14.

3/ Payments in 2014 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).

5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1+i)^n$ , where "i" equals the current project interest rate of 4.610 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	53	10.89882580	1989	26	3.22777501
1963	52	10.41853150	1990	25	3.08553198
1964	51	9.95940302	1991	24	2.94955739
1965	50	9.52050762	1992	23	2.81957498
1966	49	9.10095365	1993	22	2.69532070
1967	48	8.69988878	1994	21	2.57654211
1968	47	8.31649821	1995	20	2.46299790
1969	46	7.95000307	1996	19	2.35445742
1970	45	7.59965880	1997	18	2.25070014
1971	44	7.26475366	1998	17	2.15151528
1972	43	6.94460726	1999	16	2.05670135
1973	42	6.63856922	2000	15	1.96606572
1974	41	6.34601780	2001	14	1.87942426
1975	40	6.06635867	2002	13	1.79660096
1976	39	5.79902367	2003	12	1.71742755
1977	38	5.54346972	2004	11	1.64174319
1978	37	5.29917763	2005	10	1.56939412
1979	36	5.06565111	2006	9	1.50023336
1980	35	4.84241575	2007	8	1.43412041
1981	34	4.62901802	2008	7	1.37092095
1982	33	4.42502439	2009	6	1.31050660
1983	32	4.23002045	2010	5	1.25275461
1984	31	4.04361003	2011	4	1.19754767
1985	30	3.86541442	2012	3	1.14477360
1986	29	3.69507162	2013	2	1.09432521
1987	28	3.53223556	2014	1	1.04610000
1988	27	3.37657543	2015	0	1.00000000

6/ Derived by adding the sum of items shown in Column (5) to the 2015 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



November 30, 2014

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Enclosed are revisions to your 2015 Statement of Charges, dated July 1, 2014. The majority of all billing components have been revised with the exception of Off-Aqueduct Power Facilities component. Please replace your existing invoices/attachments in your Statement of Charges package previously sent to you with the ones in this package.

These revisions reflect the desire to minimize the rate impacts to contractors that resulted from an under collection of certain past year revenues. Please note that not all changes apply to every contractor. The revised Statement of Charges includes the following changes:

1. The cost projection process for 2015 was modified to reflect a revised plan of anticipated operating and capital expenditures.
2. Revisions were made to the Transportation Variable charges to reflect reconciliation of 2012-14 energy and transmission costs.
3. Certain projects that were originally billed as operating expenses were capitalized.
4. The Conservation Replacement Accounting System (RAS) charge was revised to reflect the capitalization of projects and modified projected costs. This resulted in an over-collection of Conservation RAS that negated the projected charge in 2015, and established the need to refund the over-collection. This refund will be provided independently from the Statement of Charges.
5. Debt service schedules were revised to include Water System Revenue Bonds, Series A-AS.

Mr. Devendra N. Upadhyay, Group Manager  
November 30, 2014  
Page 2

6. The Water Systems Revenue Bond Surcharge was revised to reflect a modified methodology that incorporated updated bond proceeds.
7. The Transportation and Conservation Capital charges include the reduction for the projected 2015 Rate Management Credit under the Monterey Amendment.

If you have any questions concerning these charges, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown". The signature is written in black ink and includes a horizontal line extending to the right from the end of the name.

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

Ms. Ingrid Sheipline  
Richardson and Company  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-014-T-REVISED

Date: November 30, 2014

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 12,307,257	\$ 9,600,531	\$ 14,408,917	\$ 23,748,681	\$ 6,617,752	\$ 14,842,409	\$ 81,525,547
February 1					6,617,752	14,842,409	21,460,161
March 1					6,617,752	14,842,409	21,460,161
April 1					6,617,752	14,842,409	21,460,161
May 1					6,617,752	14,842,409	21,460,161
June 1					6,617,752	14,842,409	21,460,161
July 1	12,307,257	9,600,530	14,408,917	23,748,681	6,617,752	14,842,409	81,525,546
August 1					6,617,752	14,842,409	21,460,161
September 1					6,617,751	14,842,408	21,460,159
October 1					6,617,751	14,842,408	21,460,159
November 1					6,617,751	14,842,408	21,460,159
December 1					6,617,751	14,842,408	21,460,159
<b>Total:</b>	<b>\$ 24,614,514</b>	<b>\$ 19,201,061</b>	<b>\$ 28,817,834</b>	<b>\$ 47,497,362</b>	<b>\$ 79,413,020</b>	<b>\$ 178,108,904</b>	<b>\$ 377,652,695</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$18.29048918
- B/ 1,911,500 acre feet @ \$41.54487039
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$19,064,726)
  - Agricultural Rate Reduction Credit \$0
- D/ Permanent Table A Transfer Credit (\$3,616,240)



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2015

Invoice No: 15-002-DCC-REVISED

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: November 30, 2014

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,870,720	\$ 475,453	\$ 303,558	\$ 4,649,731
February 1		475,453	303,558	779,011
March 1		475,453	303,558	779,011
April 1		475,453	303,558	779,011
May 1		475,453	303,558	779,011
June 1		475,453	303,558	779,011
July 1	3,870,719	475,453	303,557	4,649,729
August 1		475,453	303,557	779,010
September 1		475,453	303,557	779,010
October 1		475,453	303,557	779,010
November 1		475,453	303,557	779,010
December 1		475,452	303,557	779,009
<b>Total:</b>	<b>\$ 7,741,439</b>	<b>\$ 5,705,435</b>	<b>\$ 3,642,690</b>	<b>\$ 17,089,564</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2015  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$43,815,575	\$43,815,575
CAPITAL COST COMPONENT:		
Delta Water Charge	\$34,962,270	\$34,962,270
Less Urban Rate Reduction Credit	<u>6,144,436</u>	<u>6,144,436</u>
Transportation Charge	71,775,331	71,775,331
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,741,439
Less Urban Rate Reduction Credit	12,920,290	12,920,290
Less Permanent Table A Transfer Credit	<u>3,616,240</u>	<u>3,616,240</u>
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	79,413,020	79,413,020
Transportation Charge	187,457,029	187,457,029
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		<u>9,348,125</u>
		<u>178,108,904</u>
Subtotal:		<u>\$377,652,695</u>
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,741,439
OPERATION AND MAINTENANCE		<u>9,348,125</u>
Subtotal:		<u>\$17,089,564</u>
<b>Total charges for Calendar Year 2015:</b>	<u><b>\$394,742,259</b></u>	<u><b>\$394,742,259</b></u>

A/ In compliance with Article 22.

Attachment 1B  
Revised November 30, 2014

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
Under Article 41, 51 and 53 of the Water Supply Contract

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2015

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Perm Table A Transfer Credit C/</u> (4)	<u>Adjusted Charges</u> (5)
Delta Water Charge	\$34,962,270	(\$6,144,436)	\$0	\$28,817,834
Transportation Charge	64,033,892	(12,920,290)	(3,616,240)	47,497,362
Total	<u>\$98,996,162</u>	<u>(\$19,064,726)</u>	<u>(\$3,616,240)</u>	<u>\$76,315,196</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

C/ The Permanent Table A Transfer Credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 15-014-U-REVISED

Date: November 30, 2014

Contract No: 160157

[in dollars]

---

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$0
February 1	0
March 1	0
April 1	0
May 1	0
June 1	0
July 1	0
August 1	0
September 1	0
October 1	0
November 1	0
December 1	0
Total:	<u><u>\$0</u></u>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-004-E-REVISED

Date: November 30, 2014

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 178,278	\$ 178,278
February 1				178,278	178,278
March 1	\$ 4,030,937	\$ 3,019,771	\$ 637,878	178,278	7,866,864
April 1				178,278	178,278
May 1				178,278	178,278
June 1				178,278	178,278
July 1				178,278	178,278
August 1				178,278	178,278
September 1	16,182,366	3,019,771	2,633,797	178,277	22,014,211
October 1				178,277	178,277
November 1				178,277	178,277
December 1				178,277	178,277
<b>Total:</b>	<b>\$ 20,213,303</b>	<b>\$ 6,039,542</b>	<b>\$ 3,271,675</b>	<b>\$ 2,139,332</b>	<b>\$ 31,663,852</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Invoice No: 15-007-TAB-REVISED

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: November 30, 2014

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,152,162	\$ 538,040	\$ 2,690,202
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,152,162	538,040	2,690,202
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,304,324</b>	<b>\$ 1,076,080</b>	<b>\$ 5,380,404</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES  
  
**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL EMBANKMENTS (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (TABLE C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM O&M&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE O&M&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,137	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,062	221,554	480,152	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,842	3,936,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,713	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	0	16,828,107	0	0	16,828,107	
1969	0	130,789,064	2,344,921	20,063,016	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,650	4,933,190	42,837,125	47,770,315	7,857,023	738,659	54,432,997	2,043,211	0	53,478,208	
1973	354,600	37,374,984	5,316,452	46,352,949	51,669,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	18,707,208	6,783,757	47,787,959	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,381	6,119,880	44,068,887	50,188,747	12,965,038	4,163,244	67,317,027	5,073,286	0	72,390,313	
1976	655,600	12,035,616	6,481,418	43,825,641	50,307,059	15,656,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	11,087,905	6,845,330	43,815,744	50,661,074	15,445,748	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,698	7,220,783	44,308,381	51,528,184	12,906,948	7,650,079	9,016,389	0	0	81,302,580	
1979	956,600	27,165,745	7,635,833	44,709,391	52,345,224	27,062,599	(3,971,787)	75,438,058	10,935,192	0	86,371,248	
1980	1,057,000	57,170,619	8,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,504	13,102,766	0	97,350,248	
1981	1,157,300	15,797,978	8,819,161	68,430,844	75,249,805	14,024,917	8,679,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,600	29,493,601	9,311,198	28,876,871	38,187,869	38,966,205	9,181,112	84,335,188	23,999,560	0	108,333,748	
1983	1,358,000	23,110,146	9,900,019	50,617,073	60,817,092	49,334,929	(5,993,118)	104,168,905	17,203,307	0	121,372,212	
1984	1,458,300	14,829,360	10,481,447	72,953,999	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	0	139,825,396	
1985	1,558,700	9,164,111	11,044,875	52,251,809	63,296,684	58,783,089	(6,788,098)	113,291,675	22,050,974	0	135,342,649	
1986	1,659,300	7,329,614	11,603,626	50,282,665	61,886,291	30,809,854	6,987,441	99,383,586	25,039,858	0	124,423,444	
1987	1,759,800	6,204,065	12,180,284	50,899,921	63,080,185	51,359,647	7,935,849	122,375,681	26,085,043	0	148,460,724	
1988	1,860,400	6,203,847	12,778,919	51,384,460	64,163,379	50,654,835	(8,603,514)	105,914,704	28,781,238	2,842,354	137,458,300	
1989	1,961,000	17,282,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,351,958)	128,887,106	32,505,376	4,587,641	165,980,124	
1990	2,011,500	18,019,108	14,139,687	51,143,889	65,283,558	47,212,462	24,090,472	138,588,490	4,037,980	0	142,626,470	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,878,185	6,259,893	152,134,002	
1992	2,011,500	19,184,149	15,729,249	51,029,318	66,758,567	72,160,742	(14,838,492)	124,280,817	40,763,329	8,435,312	133,480,151	
1993	2,011,500	25,797,106	16,603,139	48,114,062	64,717,201	62,481,809	(45,542,508)	81,668,502	40,859,679	8,885,273	131,413,454	
1994	2,011,500	14,176,305	17,579,456	48,372,500	65,951,956	72,700,847	10,248,885	148,901,688	39,156,173	8,826,755	157,828,516	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,491	65,023,889	(8,047,784)	124,547,598	41,903,674	10,539,430	136,037,002	
1996	2,011,500	19,741,116	19,494,589	48,064,326	67,559,395	68,296,146	8,099,991	143,949,522	41,185,823	12,810,359	155,140,604	
1997	2,011,500	12,059,284	20,582,904	48,820,518	69,403,422	82,662,153	(1,594,586)	150,471,009	45,548,810	13,168,230	163,639,839	
1998	2,011,500	10,062,044	21,654,134	49,222,302	70,876,436	77,734,742	(8,107,455)	142,503,723	45,855,992	12,662,288	155,021,993	
1999	2,011,500	8,103,222	22,760,285	49,238,510	71,998,795	94,936,960	(8,535,154)	158,400,601	47,422,430	17,454,851	175,877,882	
2000	2,011,500	4,735,560	23,901,416	48,025,260	71,926,676	103,431,917	39,588,478	214,947,071	48,169,576	20,049,071	243,106,648	
2001	2,011,500	2,615,653	25,060,087	47,628,901	72,688,988	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	248,077,584	
2002	2,011,500	4,777,092	26,248,584	46,746,615	72,995,199	88,214,191	68,188,773	229,398,163	48,898,394	20,091,004	250,489,157	
2003	2,011,500	2,507,003	27,522,942	44,582,580	72,085,522	113,391,880	83,653,491	269,130,893	47,899,970	20,920,403	290,050,866	
2004	2,011,500	3,218,530	28,827,531	43,407,981	72,235,512	77,477,460	92,165,160	241,878,132	47,414,032	20,941,743	262,819,865	
2005	1,911,500	5,460,107	36,507,833	68,713,059	59,088,434	112,260,560	237,062,053	49,246,383	19,770,993	58,220,579	361,237,955	
2006	1,911,500	11,508,650	31,685,532	33,268,116	64,971,848	83,620,114	115,993,559	264,585,321	47,418,073	20,330,228	312,333,622	
2007	1,911,500	9,535,236	33,343,094	32,042,019	65,385,113	78,223,977	174,432,589	318,041,679	52,120,469	21,252,863	339,294,542	
2008	1,911,500	9,925,724	35,055,802	32,384,859	67,418,461	117,915,033	68,578,752	253,913,246	53,315,217	19,303,204	313,226,457	
2009	1,911,500	18,697,339	38,862,318	30,572,360	67,434,689	119,874,304	72,182,125	253,291,127	68,266,144	21,153,536	342,711,207	
2010	1,911,500	15,481,402	29,480,895	29,480,895	68,406,585	129,045,953	82,902,324	277,354,882	72,806,845	20,240,944	370,402,671	
2011	1,911,500	10,570,616	41,083,507	27,708,838	68,792,145	106,471,604	110,349,261	285,613,010	80,142,822	21,860,932	367,516,764	
2012	1,911,500	13,473,895	43,227,414	26,741,471	69,968,885	91,288,718	131,264,483	292,532,066	83,672,846	22,988,017	399,193,929	
2013	1,911,500	19,501,072	44,933,885	25,937,489	70,871,374	123,679,911	86,127,802	280,879,087	88,558,170	23,802,582	413,240,739	
2014	1,911,500	25,497,390	47,015,736	23,934,944	70,950,880	114,718,519	56,551,154	242,220,353	84,040,101	42,870,698	369,131,051	
2015	1,911,500	46,125,341	49,050,167	22,725,164	71,775,331	186,857,029	172,781,421	431,413,781	114,375,290	43,815,575	489,604,646	
2016	1,911,500	19,545,201	51,118,658	22,568,164	73,687,504	148,248,840	195,816,116	417,552,456	114,375,290	44,153,468	576,081,004	
2017	1,911,500	10,327,855	50,506,859	21,138,287	71,643,146	145,756,263	189,721,005	417,120,414	114,375,290	43,838,057	575,323,959	
2018	1,911,500	29,211,293	48,777,315	19,348,924	66,124,239	147,213,827	214,368,824	427,706,890	114,375,290	39,241,125	571,451,479	
2019	1,911,500	9,755,299	42,540,276	18,183,766	60,724,042	148,885,963	197,478,521	408,888,526	114,375,290	41,232,959	564,596,765	
2020	1,911,500	0	38,189,449	18,738,427	54,927,876	150,096,293	202,947,408	407,971,577	114,375,290	38,850,142	551,297,167	
2021	1,911,500	0	32,212,479	16,065,070	47,277,549	151,597,258	204,124,007	402,998,814	114,375,290	38,590,179	551,964,283	
2022	1,911,500	0	27,755,129	13,847,028	41,602,155	153,113,229	204,715,443	398,230,827	114,375,290	37,326,322	545,832,439	
2023	1,911,500	0	27,559,951	12,384,231	39,933,182	154,644,362	207,818,836	402,189,380	114,375,290	37,180,287	549,369,667	
2024	1,911,500	0	26,895,846	11,135,823	38,031,669	156,190,806	201,060,083	395,282,558	114,375,290	36,147,261	541,430,849	
2025	1,911,500	0	27,275,149	9,905,620	37,180,769	157,752,712	204,821,558	399,555,039	114,375,290	35,242,615	544,800,344	
2026	1,911,500	0	27,778,288	8,658,756	36,433,044	159,330,241	199,895,687	395,658,952	114,375,290	34,075,834	549,734,286	
2027	1,911,500	0	28,438,815	7,383,254	35,820,069	160,923,544	202,833,164	399,576,777	114,375,290	33,880,859	553,457,636	
2028	1,911,500	0	29,177,639	6,078,741	35,256,380	162,532,779	204,032,272	401,821,431	114,375,290	28,901,921	580,723,601	
2029	1,911,500	0	28,740,402	4,742,466	34,482,868	164,158,106	206,998,285	405,839,259	114,375,290	28,882,895	584,722,144	
2030	1,911,500	0	28,712,115	3,387,199	33,099,314	165,799,688	197,853,328	398,752,330	114,375,290	5,155,720	573,278,340	
2031	1,911,500	0	28,138,957	2,050,650	30,189,607	167,457,684	215,999,807	413,645,098	114,375,2			

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2014	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(6,776,542)	
1964	1,260,513	1,305,950	(45,437)	(452,525)	
1965	2,180,589	701,706	1,478,883	14,079,715	
1966	3,900,172	4,340,884	(440,712)	(4,010,901)	
1967	7,693,703	5,655,301	2,038,402	17,733,872	
1968	14,345,147	14,116,546	228,601	1,901,161	
1969	21,857,456	22,407,937	(550,481)	(4,376,323)	
1970	28,992,595	30,498,028	(1,505,433)	(11,440,775)	
1971	37,242,413	29,828,838	7,413,575	53,857,795	
1972	44,062,125	42,837,315	1,224,810	8,505,823	
1973	46,299,581	51,869,401	(5,369,820)	(35,647,924)	
1974	48,322,678	53,551,716	(5,229,038)	(33,183,566)	
1975	49,285,084	50,188,747	(903,663)	(5,481,944)	
1976	50,137,295	50,307,059	(169,764)	(984,467)	
1977	50,827,166	50,861,074	166,092	920,727	
1978	51,426,581	51,529,164	(102,583)	(543,608)	
1979	52,230,344	52,345,224	(114,880)	(581,941)	
1980	53,637,412	53,914,935	(277,523)	(1,343,881)	
1981	56,667,437	75,249,805	(18,582,368)	(86,018,115)	
1982	57,465,063	38,187,869	19,277,194	85,302,054	
1983	59,037,472	60,817,092	(1,779,620)	(7,527,828)	
1984	60,313,580	83,435,446	(23,121,866)	(93,495,810)	
1985	61,144,629	63,296,684	(2,152,055)	(8,318,585)	
1986	61,666,346	61,886,291	(219,945)	(812,713)	
1987	62,094,710	63,080,185	(985,475)	(3,480,931)	
1988	62,452,912	64,163,379	(1,710,467)	(5,775,520)	
1989	62,796,236	65,087,315	(2,291,079)	(7,395,086)	
1990	63,762,459	65,283,556	(1,521,097)	(4,693,393)	
1991	64,677,355	66,131,997	(1,454,642)	(4,290,550)	
1992	65,776,353	66,758,567	(982,214)	(2,769,427)	
1993	66,905,041	64,717,201	2,187,840	5,896,931	
1994	68,486,622	65,951,956	2,534,666	6,530,675	
1995	69,373,540	67,571,491	1,802,049	4,438,443	
1996	70,251,056	67,559,395	2,691,661	6,337,401	
1997	71,530,953	69,403,422	2,127,531	4,788,435	
1998	72,283,436	70,876,436	1,407,000	3,027,183	
1999	72,917,423	71,998,795	918,628	1,889,344	
2000	73,432,162	71,926,676	1,505,486	2,959,884	
2001	73,741,965	72,688,988	1,052,977	1,978,991	
2002	73,915,736	72,995,199	920,537	1,653,838	
2003	74,227,711	72,085,522	2,142,189	3,679,054	
2004	74,463,765	72,235,512	2,228,253	3,658,220	
2005	68,352,994	66,713,059	1,639,935	2,573,704	
2006	68,688,724	64,971,648	3,717,076	5,576,481	
2007	69,407,936	65,385,113	4,022,823	5,769,212	
2008	70,014,193	67,418,461	2,595,732	3,558,544	
2009	70,656,980	67,434,698	3,222,282	4,222,822	
2010	71,883,181	68,406,585	3,476,596	4,355,322	
2011	72,927,188	68,792,145	4,135,043	4,951,912	
2012	73,656,144	69,968,885	3,687,259	4,221,077	
2013	73,987,196	70,871,374	3,115,822	3,409,723	
2014	74,886,350	70,950,680	3,935,670	4,117,101	
2015	75,917,039				18,410,128
			<b>TOTAL</b>	<b>(57,506,911)</b>	



STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM COST COMPONENT  
UNDER ARTICLE 28  
FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2014	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(6,144,454)	
1969	1,295,607	1,314,941	(19,334)	(153,702)	
1970	1,624,569	2,041,108	(416,539)	(3,165,558)	
1971	2,716,584	2,845,550	(128,966)	(936,905)	
1972	8,038,463	7,857,023	181,440	1,260,030	
1973	9,890,316	8,934,684	955,632	6,344,028	
1974	11,581,491	7,472,377	4,109,114	26,076,512	
1975	13,584,548	12,965,036	619,512	3,758,182	
1976	12,862,489	15,656,909	(2,794,420)	(16,204,909)	
1977	16,203,699	15,445,746	757,953	4,201,690	
1978	17,811,770	12,906,948	4,904,822	25,991,523	
1979	16,414,289	27,062,599	(10,648,310)	(53,940,622)	
1980	20,926,898	21,561,704	(634,806)	(3,073,996)	
1981	23,731,024	14,924,917	8,806,107	40,763,630	
1982	27,994,510	36,966,205	(8,971,695)	(39,699,971)	
1983	38,953,367	49,334,929	(10,381,562)	(43,914,220)	
1984	45,597,671	45,517,432	80,239	324,456	
1985	50,064,444	56,783,089	(6,718,645)	(25,970,346)	
1986	52,858,915	30,809,854	22,049,061	81,472,859	
1987	50,737,631	51,359,647	(622,016)	(2,197,107)	
1988	51,262,231	50,654,835	607,396	2,050,919	
1989	52,638,942	69,131,749	(16,492,807)	(53,235,070)	
1990	61,053,824	47,212,462	13,841,362	42,707,965	
1991	60,874,529	59,177,025	1,697,504	5,006,885	
1992	67,460,598	72,160,742	(4,700,144)	(13,252,408)	
1993	68,749,547	62,491,809	6,257,738	16,866,611	
1994	63,898,029	72,700,847	(8,802,818)	(22,680,832)	
1995	68,079,888	65,023,889	3,055,999	7,526,920	
1996	72,757,439	68,296,146	4,461,293	10,503,925	
1997	75,655,465	82,662,153	(7,006,688)	(15,769,953)	
1998	80,540,695	77,734,742	2,805,953	6,037,050	
1999	86,320,578	94,936,960	(8,616,382)	(17,721,325)	
2000	82,432,340	103,431,917	(20,999,577)	(41,286,549)	
2001	93,007,568	61,532,014	31,475,554	59,155,920	
2002	85,447,419	88,214,191	(2,766,772)	(4,970,786)	
2003	82,473,080	113,391,880	(30,918,800)	(53,100,800)	
2004	99,691,395	77,477,460	22,213,935	36,469,577	
2005	74,389,347	58,088,434	16,300,913	25,582,558	
2006	76,942,952	83,620,114	(6,677,162)	(10,017,301)	
2007	105,770,808	76,223,977	29,546,831	42,373,714	
2008	114,424,295	117,915,033	(3,490,738)	(4,785,526)	
2009	100,443,789	113,674,304	(13,230,515)	(17,338,677)	
2010	99,095,144	126,045,953	(26,950,809)	(33,762,751)	
2011	106,008,234	106,471,604	(463,370)	(554,907)	
2012	119,090,975	91,298,718	27,792,257	31,815,843	
2013	139,899,342	123,679,911	16,219,431	17,749,332	
2014	141,016,222	114,718,519	26,297,703	27,510,026	
2015	149,185,549				186,857,029
			Total	37,671,480	
Delta Utility Planning Charge					600,000
Net Minimum Charges:					<u>187,457,029</u>

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF VARIABLE COST COMPONENT  
UNDER ARTICLE 28

FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2014	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1969	100	0	0	0	0	
1972	71,938	848,011	738,659	109,352	759,409	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,307,160)	
1974	277,717	1,872,297	1,753,039	119,258	756,812	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,674,872)	
1976	618,451	5,485,263	4,952,315	532,948	3,090,580	
1977	189,755	(796,686)	(231,716)	(564,970)	(3,131,895)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(22,010,934)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	40,493,434	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(16,505,691)	
1981	795,846	10,862,932	8,679,376	2,183,556	10,107,721	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,619,590)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(12,695,905)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,052,143	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(34,600,361)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(20,514,901)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(38,653,064)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	18,556,244	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	47,901,774	
1990	1,396,423	30,759,725	24,090,472	6,669,253	20,578,194	
1991	391,447	184,870	20,546,087	(20,361,217)	(60,056,577)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	14,570,053	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	64,872,684	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(15,946,738)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	7,762,894	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(14,679,350)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	9,055,230	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(13,955,412)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,722,913)	
2000	1,522,412	(16,720,534)	39,588,478	(56,309,012)	(110,707,217)	
2001	970,869	160,090,738	94,286,088	65,804,650	123,674,856	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(14,999,142)	
2003	1,649,639	94,319,637	83,653,491	10,666,146	18,318,333	
2004	1,582,735	107,169,339	92,165,160	15,004,179	24,633,009	
2005	1,528,045	113,927,718	112,260,560	1,667,158	2,616,428	
2006	1,512,186	82,180,884	115,993,559	(33,812,675)	(50,726,903)	
2007	1,350,477	137,386,239	174,432,589	(37,046,350)	(53,128,927)	
2008	719,069	83,384,407	68,579,752	14,804,655	20,296,011	
2009	787,605	60,220,194	72,182,125	(11,961,931)	(15,676,189)	
2010	1,150,524	90,868,115	82,902,324	7,965,791	9,979,181	
2011	1,540,663	131,410,799	110,349,261	21,061,538	25,222,195	
2012	1,214,897	103,317,965	131,264,463	(27,946,498)	(31,992,414)	
2013	789,290	112,303,221	86,127,802	26,175,419	28,644,421	
2014	385,265	83,892,798	56,551,154	27,341,644	28,602,094	
2015	1,138,469	193,543,876				172,781,421
				TOTAL	(20,762,455)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2015

Transportation Components	Transportation Charges		
	Calculated 1/1/2014	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	75,917,039	18,410,128	(57,506,911)
Capital Cost Component difference to be amortized			(57,506,911)
Divided by remaining water deliveries 1/			26,540,855 *
Unit rate for amortizing difference 2/			(2.166732)
Unit rate applied to 2015 deliveries of		1,911,500 acre feet	(4,141,708)
Plus calculated 2015 Capital Cost Component			75,917,039
Adjusted Capital Cost Component			71,775,331

---

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2014	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,757)	
1989	8,978,504	8,991,417	(12,913)	(35,260)	
1990	8,983,597	9,020,145	(36,548)	(91,666)	
1991	8,983,717	9,009,739	(26,022)	(60,192)	
1992	17,989,315	18,053,820	(64,505)	(139,163)	
1993	18,742,682	18,754,578	(11,896)	(24,388)	
1994	18,591,099	18,705,728	(114,629)	(224,883)	
1995	18,556,603	16,729,731	1,826,872	3,421,262	
1996	18,647,406	20,262,394	(1,614,988)	(2,857,413)	
1997	19,545,322	19,141,671	403,651	676,252	
1998	19,966,108	19,092,267	873,841	1,385,794	
1999	20,947,475	20,301,335	646,140	970,241	
2000	22,957,586	17,085,146	5,872,440	8,379,051	
2001	22,965,748	31,847,016	(8,881,268)	(11,910,276)	
2002	22,425,318	22,276,589	148,729	190,199	
2003	19,087,337	22,768,985	(3,681,648)	(4,586,246)	
2004	20,695,237	19,038,306	1,656,931	2,028,946	
2005	15,518,826	17,204,043	(1,685,217)	(2,030,246)	
2006	21,996,926	17,589,839	4,407,087	5,154,396	
2007	21,205,488	20,041,387	1,164,101	1,301,026	
2008	19,895,328	21,870,151	(1,974,823)	(2,099,008)	
2009	20,447,424	20,084,800	362,624	373,672	
2010	20,995,084	20,584,992	410,092	417,472	
2011	20,222,785	21,198,361	(975,576)	(988,021)	
2012	20,463,459	21,513,121	(1,049,662)	(1,058,440)	
2013	17,634,660	16,714,447	920,213	927,909	
2014	27,314,810	27,104,048	210,762	211,246	
2015	30,203,013	0	0	0	29,524,520
				(678,493)	

\* Included in the 2015 calculated component is \$6,039,542 for East Branch Enlargement Bond Cover and \$3,271,675 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2014	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2015	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(200,151)	
1992	0	339,060	(339,060)	(731,486)	
1993	0	(68,950)	68,950	141,353	
1994	2,174,776	(213,745)	2,388,521	4,685,871	
1995	1,895,643	2,839,696	(944,053)	(1,767,969)	
1996	1,990,213	2,810,767	(820,554)	(1,451,814)	
1997	2,642,077	1,296,887	1,345,190	2,253,650	
1998	2,915,152	1,850,818	1,064,334	1,687,890	
1999	1,599,082	3,847,978	(2,248,896)	(3,376,932)	
2000	2,768,399	2,949,526	(181,127)	(258,440)	
2001	2,113,906	13,032,437	(10,918,531)	(14,642,359)	
2002	2,718,584	(5,934,164)	8,652,748	11,065,377	
2003	3,164,973	1,352,030	1,812,943	2,258,392	
2004	3,415,840	3,040,705	375,135	459,361	
2005	3,167,798	2,605,075	562,723	677,934	
2006	3,351,771	4,317,052	(965,281)	(1,128,963)	
2007	4,443,310	4,321,833	121,477	135,765	
2008	4,670,440	3,665,831	1,004,609	1,067,783	
2009	4,862,424	7,003,623	(2,141,199)	(2,206,432)	
2010	4,516,863	4,362,778	154,085	156,858	
2011	4,666,265	8,607,829	(3,941,564)	(3,991,846)	
2012	4,428,756	6,041,609	(1,612,853)	(1,626,341)	
2013	5,306,608	5,698,589	(391,981)	(395,259)	
2014	6,312,173	4,290,132	2,022,041	2,026,682	
2015	7,300,408	0	0	0	2,139,332
				(5,161,076)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2015  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>		<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>	
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 14C	20,000	35.58171330	711,634
East Branch Reach 26A, 28H and 28J	517,484	173.33068650	89,695,857
VEBX-R1	0	132.71490280	0
West Branch Reach 30	600,985	171.61224430	103,136,385
Sub total			193,543,876
Net adjustment per redetermination of pre-2015 charges 2/			(20,762,455)
Estimated Year 2015 Replacement Accounting System (RAS) Charges 2/			2,238,559
Prior years RAS over and under adjustments 2/			(7,642,866)
Total Estimated 2015 Charges			<u>167,377,114</u>

1/ Derived by dividing column (4) by column (2).  
2/ Will be applied 1/12 monthly to the actual 2015  
water delivery billings.

**East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California  
(in dollars)**

Year	Capital Component  [1]	Minimum OMP&R Component  [2]	Total East Branch Enlargement Transportation Charge  [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	16,714,447	5,698,589	22,413,036
2014	27,104,048	4,290,132	31,394,180
2015	29,524,520	2,139,332	31,663,852
2016	29,654,496	6,642,437	36,296,933
2017	30,744,340	6,642,437	37,386,777
2018	29,978,224	6,642,437	36,620,661
2019	30,029,811	6,642,437	36,672,248
2020	29,315,360	6,642,437	35,957,797
2021	29,988,015	6,285,358	36,273,373
2022	28,836,928	6,285,358	35,122,286
2023	23,615,724	6,285,358	29,901,082
2024	24,826,341	6,285,358	31,111,699
2025	28,239,854	6,285,358	34,525,212
2026	10,983,429	6,285,358	17,268,787
2027	11,180,817	6,285,358	17,466,175
2028	7,192,491	6,285,358	13,477,849
2029	7,579,431	6,285,358	13,864,789
2030	0	6,285,358	6,285,358
2031	0	6,285,358	6,285,358
2032	0	6,285,358	6,285,358
2033	0	6,285,358	6,285,358
2034	0	6,285,358	6,285,358
2035	0	6,285,358	6,285,358
<b>Total</b>	<b>855,230,009</b>	<b>207,775,812</b>	<b>1,063,005,821</b>

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Permanent Table A Transfer Credit<sup>1</sup>  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

State Water Project Repayment Reach	2015 Credit
CA-R1	(12,723)
CA-R2A	(2,337)
CA-R2B	(1,221)
CA-R3	(1,024)
CA-R4	(1,683)
CA-R5	(1,328)
CA-R6	(334)
CA-R7	(1,601)
CA-R8C	(42)
CA-R8D	(758)
CA-R9	(26,068)
CA-R10A	(27,524)
CA-R11B	(44,593)
CA-R12D	(43,963)
CA-R12E	(30,540)
CA-R13B	(70,174)
CA-R14A	(289,786)
CA-R14B	(46,556)
CA-R14C	(40,637)
CA-R15A	(232,819)
CA-R16A	(405,938)
CA-R17E	(1,546,377)
CA-R17F	(387,707)
CA-R18A	(34,429)
CA-R19	(25,213)
CA-R20A	(75)
CA-R20B	(94)
CA-R21	(48)
CA-R22A	(50)
CA-R22B	(41,498)
CA-R29A	(40,197)
CA-R29F	(28,764)
CA-R29G	(92,597)
CA-R29H	(14,873)
CA-R29J	(98,797)
CA-R30	(23,872)
Total	(3,616,240)

<sup>1</sup> This credit is to offset charges incurred when a buying contractor in a permanent Table A transfer requires downstream capacity from a selling contractor.



**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 5, 2015

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revision to your "O" invoice, dated June 30, 2014. This revision contains Off-Aqueduct Power facility charges for calendar year 2015. The revised amount reflects changes in allocations based upon actual charges through May 2015 and projections through the remainder of the 2015 calendar year. The revised payments will be effective as of the July 1, 2015 scheduled payment.

If you have any questions or concerns regarding this revised Off-Aqueduct Statement of Charges for 2015, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA  
 OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 15-013-O-(Revised)

Date: July 1, 2015

Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$508,281	\$127,071	\$2,754	\$578,966	\$1,217,072
February 1	508,281	127,071	2,754	578,966	1,217,072
March 1	508,281	127,070	2,754	578,966	1,217,071
April 1	508,281	127,070	2,753	578,966	1,217,070
May 1	508,281	127,070	2,753	578,966	1,217,070
June 1	508,281	127,070	2,753	578,966	1,217,070
July 1	500,974	125,244	360	1,045,291	1,671,869
August 1	500,974	125,244	360	1,045,291	1,671,869
September 1	500,974	125,243	360	1,045,291	1,671,868
October 1	500,974	125,243	359	1,045,291	1,671,867
November 1	500,974	125,243	359	1,045,291	1,671,867
December 1	500,974	125,243	359	1,045,291	1,671,867
<b>Total:</b>	<b>\$6,055,530</b>	<b>\$1,513,882</b>	<b>\$18,678</b>	<b>\$9,745,542</b>	<b>\$17,333,632</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2015

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2016.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 16-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$44,298,522
Capital Cost Component		
Delta Water Charge	\$45,261,835	
Less Rate Management Credit Under Monterey Amendment	<u>6,144,436</u>	
		39,117,399
Transportation Charge	65,658,389	
Less Rate Management Credit Under Monterey Amendment	12,920,290	
Less Permanent Table A Transfer Credit	<u>3,647,854</u>	
		49,090,245
Minimum Operation, Maintenance, Power and Replacement Component		
Delta Water Charge	98,518,301	
Transportation Charge	<u>156,633,839</u>	
		\$387,658,306

Devil Canyon-Castaic Contract Charges, Invoice No. 16-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,780,699
Article 17 (b)		
Operation and Maintenance		<u>9,024,707</u>
Total for Invoice No. 16-002-DCC		<u>\$16,805,406</u>

(See reconciliation of charges between contracts per Attachment 1B)

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2015  
Page Two

Based on scheduled deliveries from Table A, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2016 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge \$165,963,416

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent, and are applied against the payments to be made in 2016. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

The 2016 Off-Aqueduct Facility charge, Invoice No. 16-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities \$9,948,844

The 2016 Replacement Account System Charge for Conservation Facilities, Invoice No. 16-014-U, Attachment 1-2 is:

Conservation Replacement Account System Charge \$0

The 2016 East Branch Enlargement Facilities Transportation Charge, Invoice No. 16-004-E, Attachment 1-3 is:

Capital Cost Component \$29,837,510  
Minimum Operation, Maintenance, Power and Replacement Component 5,427,771

Total East Branch Enlargement Facilities \$35,265,281

The 2016 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 16-007-TAB, Attachment 1-6 is:

Capital Cost Component

Tehachapi Second Afterbay Facilities \$5,413,533

~~Enclosed is Attachment 8 which shows the charges under the executed agreement for Municipal Water Quality Investigations (MWQI). The MWQI charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.~~

The Transportation Minimum charge in Attachment 4B includes a line item credit of \$627,660 to offset the 2015 Delta Utility Planning Charge of \$600,000 included in the 2015 Statement of Charges. The credit includes interest at the project interest rate.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2015  
Page Three

The Transportation and Conservation Capital charges include the reduction for the projected 2016 Rate Management Credit under the Monterey Amendment

If you have any questions concerning these charges, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list)

Ms. Jaime Dalida  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 16-014-T

Date: June 30, 2015

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 12,273,220	\$ 9,876,042	\$ 19,558,700	\$ 24,545,123	\$ 8,209,859	\$ 13,052,820	\$ 87,515,764
February 1					8,209,859	13,052,820	21,262,679
March 1					8,209,859	13,052,820	21,262,679
April 1					8,209,859	13,052,820	21,262,679
May 1					8,209,859	13,052,820	21,262,679
June 1					8,209,858	13,052,820	21,262,678
July 1	12,273,219	9,876,041	19,558,699	24,545,122	8,209,858	13,052,820	87,515,759
August 1					8,209,858	13,052,820	21,262,678
September 1					8,209,858	13,052,820	21,262,678
October 1					8,209,858	13,052,820	21,262,678
November 1					8,209,858	13,052,820	21,262,678
December 1					8,209,858	13,052,819	21,262,677
<b>Total:</b>	<b>\$ 24,546,439</b>	<b>\$ 19,752,083</b>	<b>\$ 39,117,399</b>	<b>\$ 49,090,245</b>	<b>\$ 98,518,301</b>	<b>\$ 156,633,839</b>	<b>\$ 387,658,306</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$23.67869995
- B/ 1,911,500 acre feet @ \$51.53978600
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$19,064,726)
  - Agricultural Rate Reduction Credit \$0
- D/ Permanent Table A Transfer Credit (\$3,647,854)

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2016

Invoice No: 16-002-DCC

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Date: June 30, 2015

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,890,350	\$ 434,507	\$ 317,553	\$ 4,642,410
February 1		434,507	317,553	752,060
March 1		434,507	317,553	752,060
April 1		434,507	317,553	752,060
May 1		434,506	317,553	752,059
June 1		434,506	317,553	752,059
July 1	3,890,349	434,506	317,553	4,642,408
August 1		434,506	317,552	752,058
September 1		434,506	317,552	752,058
October 1		434,506	317,552	752,058
November 1		434,506	317,552	752,058
December 1		434,506	317,552	752,058
<b>Total:</b>	<b>\$ 7,780,699</b>	<b>\$ 5,214,076</b>	<b>\$ 3,810,631</b>	<b>\$ 16,805,406</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)



State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2016  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$44,298,522	\$44,298,522
CAPITAL COST COMPONENT:		
Delta Water Charge	\$45,261,835	\$45,261,835
Less Urban Rate Reduction Credit	6,144,436	39,117,399
Transportation Charge	73,439,088	73,439,088
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,780,699
Less Urban Rate Reduction Credit	12,920,290	12,920,290
Less Permanent Table A Transfer Credit	3,647,854	56,870,944
		49,090,245
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	98,518,301	98,518,301
Transportation Charge	165,658,546	165,658,546
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		9,024,707
		156,633,839
Subtotal:		\$387,658,306
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,780,699
OPERATION AND MAINTENANCE		9,024,707
Subtotal:		\$16,805,406
<b>Total charges for Calendar Year 2016:</b>	<b>\$404,463,712</b>	<b>\$404,463,712</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2015

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project

Adjustment of Capital Cost Component  
 Under Article 41, 51 and 53 of the Water Supply Contract

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2016

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Permanent Table A Transfer Credit C/</u> (4)	<u>Adjusted Charges</u> (5)
Delta Water Charge	\$45,261,835	(\$6,144,436)	\$0	\$39,117,399
Transportation Charge	65,658,389	(12,920,290)	(3,647,854)	49,090,245
Total	<u>\$110,920,224</u>	<u>(\$19,064,726)</u>	<u>(\$3,647,854)</u>	<u>\$88,207,644</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

C/ The Permanent Table A Transfer Credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 16-013-O  
 Date: June 30, 2015  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$415,358	\$103,840	\$2,630	\$307,245	\$829,073
February 1	415,358	103,840	2,630	307,244	829,072
March 1	415,357	103,840	2,630	307,244	829,071
April 1	415,357	103,840	2,630	307,244	829,071
May 1	415,357	103,839	2,630	307,244	829,070
June 1	415,357	103,839	2,630	307,244	829,070
July 1	415,357	103,839	2,630	307,244	829,070
August 1	415,357	103,839	2,630	307,244	829,070
September 1	415,357	103,839	2,630	307,244	829,070
October 1	415,357	103,839	2,629	307,244	829,069
November 1	415,357	103,839	2,629	307,244	829,069
December 1	415,357	103,839	2,629	307,244	829,069
<b>Total:</b>	<b>\$4,984,286</b>	<b>\$1,246,072</b>	<b>\$31,557</b>	<b>\$3,686,929</b>	<b>\$9,948,844</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 16-014-U

Date: June 30, 2015

Contract No: 160157

[in dollars]

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$0
February 1	0
March 1	0
April 1	0
May 1	0
June 1	0
July 1	0
August 1	0
September 1	0
October 1	0
November 1	0
December 1	0
Total:	<u>\$0</u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2016

Invoice No: 16-004-E

Date: June 30, 2015

Contract No: 160157

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 452,315	\$ 452,315
February 1				452,315	452,315
March 1	\$ 3,975,100	\$ 2,983,610	\$ 606,610	452,315	8,017,635
April 1				452,314	452,314
May 1				452,314	452,314
June 1				452,314	452,314
July 1				452,314	452,314
August 1				452,314	452,314
September 1	17,011,650	2,983,610	2,276,930	452,314	22,724,504
October 1				452,314	452,314
November 1				452,314	452,314
December 1				452,314	452,314
<b>Total:</b>	<b>\$ 20,986,750</b>	<b>\$ 5,967,220</b>	<b>\$ 2,883,540</b>	<b>\$ 5,427,771</b>	<b>\$ 35,265,281</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 16-007-TAB

Date: June 30, 2015

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,165,414	\$ 541,353	\$ 2,706,767
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,165,413	541,353	2,706,766
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,330,827</b>	<b>\$ 1,082,706</b>	<b>\$ 5,413,533</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,784	65,029	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,056,137	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,982	221,554	480,162	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,642	3,938,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,713	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	0	15,828,107	0	0	15,828,107	
1969	0	130,798,064	2,344,821	20,063,016	22,407,837	1,314,841	0	23,722,678	0	0	23,722,678	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,361,861	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	29,803,650	4,933,190	37,904,125	42,837,315	7,557,023	738,859	51,432,897	2,043,211	0	53,476,208	
1973	354,900	37,374,984	5,316,452	46,352,949	51,669,401	8,934,584	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	19,707,208	5,763,757	47,787,959	53,551,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,381	6,119,860	44,068,887	50,188,747	12,965,036	4,163,244	67,317,022	5,073,286	0	72,390,313	
1976	655,900	12,035,618	6,461,418	43,825,641	50,307,059	15,656,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	11,067,905	6,845,330	43,815,744	50,661,074	15,445,745	(231,716)	65,875,104	7,104,728	0	72,979,832	
1978	855,900	15,187,698	7,220,783	44,308,381	51,529,164	12,906,945	7,850,079	72,286,181	9,016,389	0	81,302,580	
1979	955,900	27,165,745	7,635,833	44,709,391	52,345,224	27,062,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,619	8,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	66,430,644	75,249,805	14,824,917	8,878,378	98,854,098	20,910,099	0	119,764,197	
1982	1,257,600	29,493,601	9,311,198	28,876,671	38,187,869	36,966,205	9,181,112	84,335,189	23,998,580	0	108,333,746	
1983	1,358,000	23,110,146	9,900,019	50,917,073	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	12,791,358	134,153,570	
1984	1,458,300	14,326,360	10,481,447	72,953,969	83,435,446	45,517,432	(7,993,940)	121,056,938	18,766,468	39,228,887	179,054,963	
1985	1,558,700	9,164,111	11,044,875	52,251,809	63,296,684	56,783,089	(6,768,098)	113,291,675	22,050,674	0	135,342,349	
1986	1,659,300	7,329,614	11,603,623	50,262,665	61,866,291	30,809,854	9,987,441	99,363,586	25,089,658	0	124,453,244	
1987	1,759,800	6,204,065	12,180,264	50,899,921	63,080,185	61,359,047	7,935,849	122,375,681	29,095,043	0	151,470,724	
1988	1,860,400	8,203,847	12,778,919	51,364,460	64,183,379	60,854,835	(8,803,510)	105,914,704	28,781,238	2,842,354	137,538,300	
1989	1,961,000	17,262,370	13,407,115	51,680,199	65,087,315	69,131,749	(5,351,958)	128,887,106	32,505,376	4,587,841	165,980,323	
1990	2,011,500	16,019,198	14,139,687	51,143,868	65,283,556	47,212,462	24,090,472	136,586,490	33,616,369	4,037,980	174,240,839	
1991	2,011,500	18,858,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,876,185	6,259,893	192,991,187	
1992	2,011,500	19,184,149	15,029,318	66,758,587	82,787,905	72,100,742	(14,938,492)	124,280,917	40,793,329	8,435,312	173,513,558	
1993	2,011,500	25,797,106	16,603,139	48,114,062	64,717,201	62,491,809	(45,542,508)	81,666,502	40,859,579	8,885,273	133,411,354	
1994	2,011,500	14,176,365	17,576,458	48,372,500	65,951,956	72,700,847	10,248,885	148,901,688	39,156,173	8,826,755	196,884,716	
1995	2,011,500	14,182,964	18,512,107	49,058,384	67,571,491	65,023,889	(8,047,784)	124,547,596	41,903,674	10,539,430	186,020,700	
1996	2,011,500	19,741,116	19,494,589	48,084,826	67,589,385	68,296,148	8,093,981	143,949,522	41,195,823	12,810,359	208,155,704	
1997	2,011,500	12,058,264	20,582,904	48,200,518	69,403,422	82,862,153	(1,594,568)	150,471,006	45,646,810	13,168,230	216,286,046	
1998	2,011,500	10,082,044	21,654,134	49,222,302	70,876,436	77,734,742	(8,107,455)	145,803,723	45,862,268	12,882,268	205,548,259	
1999	2,011,500	8,403,222	22,760,285	49,238,510	71,998,795	94,936,960	(8,535,154)	158,400,601	47,422,430	17,454,661	223,277,692	
2000	2,011,500	4,735,580	23,901,416	48,025,260	71,926,676	103,431,917	39,598,478	214,947,071	48,199,578	19,805,800	243,952,449	
2001	2,011,500	2,615,663	25,060,087	47,628,901	72,888,988	61,532,014	94,256,088	228,507,090	48,180,135	19,490,499	258,177,684	
2002	2,011,500	4,777,092	26,248,584	46,746,615	73,995,199	68,214,191	86,188,773	229,396,163	48,998,364	20,091,004	278,487,531	
2003	2,011,500	2,907,003	27,522,942	44,582,580	72,085,522	113,391,880	83,853,491	269,130,893	47,899,376	20,920,403	297,950,271	
2004	2,011,500	3,218,350	28,827,531	43,407,981	72,235,512	77,477,460	92,185,160	241,878,132	47,414,032	20,941,743	312,833,907	
2005	1,911,500	5,460,096	30,205,225	36,507,833	66,713,059	58,988,434	112,260,560	237,062,053	49,246,383	19,770,953	266,079,389	
2006	1,911,500	11,518,680	31,685,582	33,286,116	64,971,648	63,620,114	115,993,559	264,685,321	47,416,073	20,330,228	312,451,629	
2007	1,911,500	9,534,107	33,343,265	32,041,848	65,385,113	76,223,977	174,432,589	316,041,679	52,120,469	12,752,863	341,804,542	
2008	1,911,500	9,925,073	33,053,961	32,364,500	65,418,461	117,915,033	68,578,752	283,913,246	53,315,217	19,303,246	353,529,749	
2009	1,911,500	18,568,491	36,862,471	30,572,227	67,434,696	113,674,304	72,192,125	253,291,127	58,288,144	21,153,536	332,732,807	
2010	1,911,500	15,482,384	38,946,074	29,480,511	68,406,565	126,045,963	82,902,324	277,354,862	72,808,845	20,240,944	370,404,651	
2011	1,911,500	10,593,140	41,083,722	27,705,423	68,792,145	108,471,804	110,349,261	285,613,010	80,142,822	21,869,932	387,632,764	
2012	1,911,500	13,788,915	43,228,171	26,740,714	69,968,885	91,298,718	131,264,463	292,532,068	83,872,846	22,886,017	405,290,931	
2013	1,911,500	22,615,235	44,942,953	25,926,711	70,873,374	123,679,911	86,127,802	280,679,087	86,558,170	23,802,582	431,039,739	
2014	1,911,500	18,100,115	47,109,601	23,841,079	70,950,880	114,718,519	44,278,183	228,947,362	84,040,101	25,718,327	338,673,790	
2015	1,911,500	48,815,438	48,932,053	22,843,278	71,775,331	185,857,029	64,133,515	322,766,875	114,375,290	43,815,575	481,957,745	
2016	1,911,500	40,721,985	51,017,145	22,421,943	73,439,088	168,286,208	61,535,725	401,261,018	143,780,136	44,268,522	590,284,521	
2017	1,911,500	50,180,089	51,121,121	21,951,512	73,072,633	158,294,646	167,959,941	397,326,922	143,780,136	44,068,088	585,175,146	
2018	1,911,500	52,105,635	48,888,882	21,933,770	70,822,592	158,843,526	201,809,248	428,472,366	143,780,136	39,646,259	511,904,761	
2019	1,911,500	82,514,942	46,025,988	22,112,649	68,138,637	158,411,959	178,718,289	405,268,885	143,780,136	41,693,682	591,742,703	
2020	1,911,500	95,796,601	45,010,088	23,787,284	68,797,372	159,919,040	212,223,310	446,939,722	143,780,136	39,446,086	630,165,944	
2021	1,911,500	24,435,012	43,918,899	28,114,458	70,033,357	161,518,233	218,440,530	449,992,120	143,780,136	39,084,032	633,856,288	
2022	1,911,500	14,087,046	41,282,114	25,256,079	66,538,193	183,133,414	218,303,460	445,975,067	143,780,136	37,853,786	627,608,989	
2023	1,911,500	12,103,096	42,516,760	24,002,601	66,519,361	184,764,745	217,453,517	448,737,626	143,780,136	37,698,484	629,224,246	
2024	1,911,500	5,852,041	43,329,292	22,807,173	65,936,465	166,412,396	212,737,927	445,088,788	143,780,136	38,581,585	627,450,509	
2025	1,911,500	0	44,886,861	20,881,392	65,768,253	168,076,521	219,510,745	453,355,219	143,780,136	33,903,859	631,381,717	
2026	1,911,500	138,988	46,199,587	18,820,642	65,020,229	169,757,285	208,122,156	440,899,670	143,780,136	31,682,444	626,362,250	
2027	1,911,500	0	47,722,207	16,704,002	64,426,209	171,454,857	219,985,187	455,866,253	143,780,136	34,245,159	634,896,548	
2028	1,911,500	0	49,352,087	14,510,432	63,862,519	173,169,409	215,529,485	452,591,412	143,780,136	27,577,981	624,949,529	
2029	1,911,500	0	50,844,893	12,244,116	63,089,008	174,901,112	216,434,316	454,424,426	143,780,136	29,439,698	628,604,260	
2030	1,911,500	0	51,789,522	9,915,931	61,705,453	176,850,114	211,268,522	446,618,020	143,780,136	11,928,106	605,456,881	
2031	1,911,500	0										

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2015	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2016	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(7,088,941)	
1964	1,260,513	1,305,950	(45,437)	(473,387)	
1965	2,180,589	701,706	1,478,883	14,728,790	
1966	3,900,172	4,340,884	(440,712)	(4,195,804)	
1967	7,693,703	5,655,301	2,038,402	18,551,403	
1968	14,345,147	14,116,546	228,601	1,988,804	
1969	21,857,456	22,407,937	(550,481)	(4,578,071)	
1970	28,992,595	30,498,028	(1,505,433)	(11,968,194)	
1971	37,242,413	29,828,838	7,413,575	56,340,640	
1972	44,062,125	42,837,315	1,224,810	8,897,941	
1973	46,299,581	51,669,401	(5,369,820)	(37,291,293)	
1974	48,322,678	53,551,716	(5,229,038)	(34,713,329)	
1975	49,285,084	50,188,747	(903,663)	(5,734,661)	
1976	50,137,295	50,307,059	(169,764)	(1,029,851)	
1977	50,827,166	50,661,074	166,092	963,172	
1978	51,426,581	51,529,164	(102,583)	(568,668)	
1979	52,230,344	52,345,224	(114,880)	(608,768)	
1980	53,637,412	53,914,935	(277,523)	(1,405,833)	
1981	56,667,437	75,249,805	(18,582,368)	(89,983,550)	
1982	57,465,063	38,187,869	19,277,194	89,234,478	
1983	59,037,472	60,817,092	(1,779,620)	(7,874,861)	
1984	60,313,580	83,435,446	(23,121,866)	(97,805,967)	
1985	61,144,629	63,296,684	(2,152,055)	(8,702,071)	
1986	61,666,346	61,886,291	(219,945)	(850,179)	
1987	62,094,710	63,080,185	(985,475)	(3,641,402)	
1988	62,452,912	64,163,379	(1,710,467)	(6,041,771)	
1989	62,796,236	65,087,315	(2,291,079)	(7,735,999)	
1990	63,762,459	65,283,556	(1,521,097)	(4,909,759)	
1991	64,677,355	66,131,997	(1,454,642)	(4,488,345)	
1992	65,776,353	66,758,567	(982,214)	(2,897,098)	
1993	66,905,041	64,717,201	2,187,840	6,168,779	
1994	68,486,622	65,951,956	2,534,666	6,831,739	
1995	69,373,540	67,571,491	1,802,049	4,643,056	
1996	70,251,056	67,559,395	2,691,661	6,629,555	
1997	71,530,953	69,403,422	2,127,531	5,009,182	
1998	72,283,436	70,876,436	1,407,000	3,166,736	
1999	72,917,423	71,998,795	918,628	1,976,443	
2000	73,432,162	71,926,676	1,505,486	3,096,335	
2001	73,741,965	72,688,988	1,052,977	2,070,222	
2002	73,915,736	72,995,199	920,537	1,730,080	
2003	74,227,711	72,085,522	2,142,189	3,848,659	
2004	74,463,765	72,235,512	2,228,253	3,826,864	
2005	68,352,994	66,713,059	1,639,935	2,692,352	
2006	68,688,723	64,971,648	3,717,075	5,833,556	
2007	69,408,562	65,385,113	4,023,449	6,036,112	
2008	70,014,748	67,418,461	2,596,287	3,723,387	
2009	70,657,492	67,434,698	3,222,794	4,418,196	
2010	71,883,769	68,406,585	3,477,184	4,556,873	
2011	72,927,843	68,792,145	4,135,698	5,181,015	
2012	73,658,352	69,968,885	3,689,467	4,418,313	
2013	74,011,669	70,871,374	3,140,295	3,594,926	
2014	75,136,495	70,950,680	4,185,815	4,580,643	
2015	75,616,144	71,775,331	3,840,813	4,017,872	
2016	77,581,266				21,749,587
			<b>TOTAL</b>	<b>(55,831,679)</b>	



STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2015	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2016	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(6,427,713)	
1969	1,295,607	1,314,941	(19,334)	(160,788)	
1970	1,624,569	2,041,108	(416,539)	(3,311,490)	
1971	2,716,584	2,845,550	(128,966)	(980,097)	
1972	8,038,463	7,857,023	181,440	1,318,117	
1973	9,890,316	8,934,684	955,632	6,636,488	
1974	11,581,491	7,472,377	4,109,114	27,278,639	
1975	13,584,548	12,965,036	619,512	3,931,434	
1976	12,862,489	15,656,909	(2,794,420)	(16,951,956)	
1977	16,203,699	15,445,746	757,953	4,395,388	
1978	17,811,770	12,906,948	4,904,822	27,189,732	
1979	16,414,289	27,062,599	(10,648,310)	(56,427,284)	
1980	20,926,898	21,561,704	(634,806)	(3,215,708)	
1981	23,731,024	14,924,917	8,806,107	42,642,833	
1982	27,994,510	36,966,205	(8,971,695)	(41,530,139)	
1983	38,953,367	49,334,929	(10,381,562)	(45,938,666)	
1984	45,597,671	45,517,432	80,239	339,414	
1985	50,064,444	56,783,089	(6,718,645)	(27,167,579)	
1986	52,858,915	30,809,854	22,049,061	85,228,758	
1987	50,737,631	51,359,647	(622,016)	(2,298,394)	
1988	51,262,231	50,654,835	607,396	2,145,467	
1989	52,638,942	69,131,749	(16,492,807)	(55,689,206)	
1990	61,053,824	47,212,462	13,841,362	44,676,803	
1991	60,874,529	59,177,025	1,697,504	5,237,702	
1992	67,460,598	67,160,742	(4,700,144)	(13,863,344)	
1993	68,749,547	62,491,809	6,257,738	17,644,161	
1994	63,898,029	72,700,847	(8,802,818)	(23,726,419)	
1995	68,079,888	65,023,889	3,055,999	7,873,911	
1996	72,757,439	68,296,146	4,461,293	10,988,156	
1997	75,655,465	82,662,153	(7,006,688)	(16,496,947)	
1998	80,540,695	77,734,742	2,805,953	6,315,358	
1999	86,320,578	94,936,960	(8,616,382)	(18,538,278)	
2000	82,432,338	103,431,917	(20,999,579)	(43,189,863)	
2001	93,007,571	61,532,014	31,475,557	61,883,013	
2002	85,447,421	88,214,191	(2,766,770)	(5,199,935)	
2003	82,473,079	113,391,880	(30,918,801)	(55,548,748)	
2004	99,691,395	77,477,460	22,213,935	38,150,824	
2005	74,389,347	58,088,434	16,300,913	26,761,913	
2006	76,901,456	83,620,114	(6,718,658)	(10,544,222)	
2007	105,666,485	76,223,977	29,442,508	44,170,633	
2008	114,321,313	117,915,033	(3,593,720)	(5,153,827)	
2009	100,435,901	113,674,304	(13,238,403)	(18,148,805)	
2010	98,856,903	126,045,953	(27,189,050)	(35,631,430)	
2011	105,971,618	106,471,604	(499,986)	(626,360)	
2012	119,300,543	91,298,718	28,001,825	33,533,520	
2013	136,166,527	123,679,911	12,486,616	14,294,348	
2014	147,073,338	114,718,519	32,354,819	35,406,695	
2015	157,612,421	188,857,029	(29,244,608)	(30,592,783)	
2016	155,602,880				166,286,206
			Total	10,683,326	
					Delta Utility Planning Credit (627,660)
					<b>Net Minimum Charges: 165,658,546</b>

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2015	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2016	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	794,418	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,367,420)	
1974	277,717	1,872,297	1,753,039	119,258	791,701	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,752,084)	
1976	618,451	5,485,263	4,952,315	532,948	3,233,055	
1977	189,755	(796,686)	(231,716)	(564,970)	(3,276,275)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(23,025,638)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	42,360,181	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(17,266,604)	
1981	795,846	10,862,932	8,679,376	2,183,556	10,573,687	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(6,924,753)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(13,281,186)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,100,647	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(36,195,438)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(21,460,638)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(40,434,971)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	19,411,687	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	50,110,046	
1990	1,396,423	30,759,725	24,090,472	6,669,253	21,526,849	
1991	391,447	184,870	20,546,087	(20,361,217)	(62,825,185)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	15,241,733	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	67,863,315	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(16,681,883)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	8,120,763	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(15,356,068)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	9,472,676	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(14,598,756)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,848,439)	
2000	1,522,412	(14,604,199)	39,588,478	(54,192,677)	(111,458,152)	
2001	970,869	160,786,985	94,286,088	66,500,897	130,745,134	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(15,690,603)	
2003	1,649,639	94,319,637	83,653,491	10,666,146	19,162,808	
2004	1,582,735	107,170,733	92,165,160	15,005,573	25,770,984	
2005	1,528,045	113,937,486	112,260,560	1,676,926	2,753,081	
2006	1,512,186	82,219,262	115,993,559	(33,774,297)	(53,005,184)	
2007	1,350,477	137,454,206	174,432,589	(36,978,383)	(55,476,204)	
2008	719,069	83,471,257	68,579,752	14,891,505	21,356,212	
2009	787,605	60,622,818	72,182,125	(11,559,307)	(15,846,896)	
2010	1,150,524	91,428,005	82,902,324	8,525,681	11,172,962	
2011	1,540,663	132,154,342	110,349,261	21,805,081	27,316,416	
2012	1,214,897	103,759,549	131,264,463	(27,504,914)	(32,938,445)	
2013	789,290	108,546,539	86,127,802	22,418,737	25,664,378	
2014	282,130	69,452,660	44,278,183	25,174,477	27,549,065	
2015	460,806	84,895,970	64,133,515	20,762,455	21,719,605	
2016	1,166,900	159,435,144				161,535,725
				TOTAL	2,100,581	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2016

Transportation Components	Transportation Charges		
	Calculated 1/1/2015	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	77,581,266	21,749,587	(55,831,679)
Capital Cost Component difference to be amortized			(55,831,679)
Divided by remaining water deliveries 1/			25,764,768 *
Unit rate for amortizing difference 2/			(2.166978)
Unit rate applied to 2016 deliveries of		1,911,500 acre feet	(4,142,178)
Plus calculated 2016 Capital Cost Component			<u>77,581,266</u>
Adjusted Capital Cost Component			<u><u>73,439,088</u></u>

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF CAPITAL COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2015	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2016	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,785)	
1989	8,978,504	8,991,417	(12,913)	(35,351)	
1990	8,983,597	9,020,145	(36,548)	(91,903)	
1991	8,983,717	9,009,739	(26,022)	(60,347)	
1992	17,989,315	18,053,820	(64,505)	(139,521)	
1993	18,742,682	18,754,578	(11,896)	(24,451)	
1994	18,591,099	18,705,728	(114,629)	(225,462)	
1995	18,556,603	16,729,731	1,826,872	3,430,080	
1996	18,647,406	20,262,394	(1,614,988)	(2,864,778)	
1997	19,545,322	19,141,671	403,651	677,996	
1998	19,966,108	19,092,267	873,841	1,389,366	
1999	20,947,475	20,301,335	646,140	972,742	
2000	22,957,586	17,085,146	5,872,440	8,400,648	
2001	22,965,748	31,847,016	(8,881,268)	(11,940,975)	
2002	22,425,318	22,276,589	148,729	190,689	
2003	19,087,337	22,768,985	(3,681,648)	(4,598,067)	
2004	20,695,237	19,038,306	1,656,931	2,034,176	
2005	15,518,826	17,204,043	(1,685,217)	(2,035,479)	
2006	21,996,926	17,589,839	4,407,087	5,167,681	
2007	21,205,488	20,041,387	1,164,101	1,304,379	
2008	19,895,328	21,870,151	(1,974,823)	(2,104,418)	
2009	20,447,424	20,084,800	362,624	374,635	
2010	20,995,084	20,584,992	410,092	418,548	
2011	20,222,785	21,198,361	(975,576)	(990,568)	
2012	20,463,459	21,513,121	(1,049,662)	(1,061,168)	
2013	17,634,660	16,714,447	920,213	927,056	
2014	18,653,166	18,442,404	210,762	211,790	
2015	30,203,013	29,524,520	678,493	680,216	
2016	29,840,781	0	0	0	29,837,510
				(3,271)	

\* Included in the 2016 calculated component is \$5,967,220 for East Branch Enlargement Bond Cover and \$2,883,540 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
STATE WATER PROJECT  
ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
AT THE SURPLUS MONEY INVESTMENT FUND RATE  
FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2015	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2016	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(200,667)	
1992	0	339,060	(339,060)	(733,371)	
1993	0	(68,950)	68,950	141,717	
1994	2,174,776	(213,745)	2,388,521	4,697,949	
1995	1,895,643	2,839,696	(944,053)	(1,772,526)	
1996	1,990,213	2,810,767	(820,554)	(1,455,556)	
1997	2,642,077	1,296,887	1,345,190	2,259,459	
1998	2,915,152	1,850,818	1,064,334	1,692,241	
1999	1,599,082	3,847,978	(2,248,896)	(3,385,636)	
2000	2,768,399	2,949,526	(181,127)	(259,106)	
2001	2,113,906	13,032,437	(10,918,531)	(14,680,100)	
2002	2,718,584	(5,934,164)	8,652,748	11,093,898	
2003	3,164,973	1,352,030	1,812,943	2,264,213	
2004	3,415,840	3,040,705	375,135	460,545	
2005	3,167,798	2,605,075	562,723	679,682	
2006	3,352,944	4,317,052	(964,108)	(1,130,498)	
2007	4,445,333	4,321,833	123,500	138,382	
2008	4,679,998	3,665,831	1,014,167	1,080,720	
2009	4,859,759	7,003,623	(2,143,864)	(2,214,872)	
2010	4,530,150	4,362,778	167,372	170,823	
2011	4,661,890	8,607,829	(3,945,939)	(4,006,577)	
2012	4,394,226	6,041,609	(1,647,383)	(1,665,441)	
2013	5,186,789	5,698,589	(511,800)	(515,606)	
2014	6,068,982	4,290,132	1,778,850	1,787,528	
2015	6,013,603	2,139,332	3,874,271	3,884,112	
2016	7,096,458	0	0	0	5,427,771
				(1,668,687)	

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2016  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 12E	226,938	21.51657000	4,882,927
East Branch Reach 26A, 28H and 28J VEBX-R1	438,042 0	166.27082000 132.71490280	72,833,603 0
West Branch Reach 30	501,920	162.81203000	81,718,614
		Sub total	159,435,144
			Net adjustment per redetermination of pre-2016 charges 2/ 2,100,581
			Estimated Year 2016 Replacement Accounting System (RAS) Charges 2/ 883,248
			Prior years RAS over and under adjustments 2/ 3,544,443
			Total Estimated 2016 Charges 165,963,416

1/ Derived by dividing column (4) by column (2).  
 2/ Will be applied 1/12 monthly to the actual 2016 water delivery billings.

East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California  
(in dollars)

Year	Capital Component	Minimum OMP&R Component	Total East Branch Enlargement Transportation Charge
	[1]	[2]	[3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	16,714,447	5,698,589	22,413,036
2014	18,442,404	4,290,132	22,732,536
2015	29,524,520	2,139,332	31,663,852
2016	29,837,510	5,427,771	35,265,281
2017	30,991,640	7,738,457	38,730,097
2018	30,205,304	7,738,457	37,943,761
2019	30,277,225	7,738,457	38,015,682
2020	29,583,228	7,738,457	37,321,685
2021	30,235,315	7,024,221	37,259,536
2022	29,084,342	7,024,221	36,108,563
2023	23,863,138	7,024,221	30,887,359
2024	25,053,591	7,024,221	32,077,812
2025	28,507,429	7,024,221	35,531,650
2026	11,230,843	7,024,221	18,255,064
2027	11,428,231	7,024,221	18,452,452
2028	7,440,020	7,024,221	14,464,241
2029	7,806,395	7,024,221	14,830,616
2030	1,526,217	7,024,221	8,550,438
2031	1,521,074	7,024,221	8,545,295
2032	1,524,918	7,024,221	8,549,139
2033	1,523,517	7,024,221	8,547,738
2034	1,526,403	7,024,221	8,550,624
2035	1,522,730	7,024,221	8,546,951
<b>Total</b>	<b>859,092,174</b>	<b>222,028,171</b>	<b>1,081,120,345</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,104
1995	1,259,042
1996	1,408,493
1997	1,325,623
1998	1,206,303
1999	785,508
2000	720,935
2001	969,130
2002	1,108,894
2003	1,161,645
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,791,297
2011	1,667,959
2012	1,859,027
2013	1,487,222
2014	1,852,017
2015	1,819,045
2016	1,819,045
Total	30,805,398

1. Pursuant to the Municipal Water Quality Investigations Agreements executed in 1994, 1997, 2003, 2006, 2008, 2010 and 2014, these costs are included in the annual Statements of Charges under the Transportation Minimum OMP&R component.



State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Permanent Table A Transfer Credit<sup>1</sup>  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

State Water Project Repayment Reach	2016 Credit
CA-R1	(12,881)
CA-R2A	(2,335)
CA-R2B	(1,189)
CA-R3	(1,018)
CA-R4	(1,710)
CA-R5	(1,324)
CA-R6	(335)
CA-R7	(1,587)
CA-R8C	(43)
CA-R8D	(750)
CA-R9	(26,006)
CA-R10A	(27,177)
CA-R11B	(43,743)
CA-R12D	(43,250)
CA-R12E	(30,074)
CA-R13B	(69,121)
CA-R14A	(285,634)
CA-R14B	(46,002)
CA-R14C	(40,007)
CA-R15A	(230,035)
CA-R16A	(400,750)
CA-R17E	(1,598,603)
CA-R17F	(380,298)
CA-R18A	(34,030)
CA-R19	(24,816)
CA-R20A	(75)
CA-R20B	(94)
CA-R21	(48)
CA-R22A	(50)
CA-R22B	(41,525)
CA-R29A	(40,937)
CA-R29F	(28,832)
CA-R29G	(93,434)
CA-R29H	(15,165)
CA-R29J	(98,852)
CA-R30	(26,124)
Total	(3,647,854)

<sup>1</sup> This credit is to offset charges incurred when a buying contractor in a permanent Table A transfer requires downstream capacity from a selling contractor.

## FOOTNOTES

### **Attachment 4A**

- 1/ From Table B-15 of Appendix B to Bulletin 132-15, "Management of the California State Water Project".
- 2/ Payments in 2015 are assumed to be equal to those amounts shown on the Statement of Charges for 2015.

### **Attachment 4B**

- 1/ From Table B-16 of Appendix B to Bulletin 132-15.
- 2/ Payments in 2015 are assumed to be equal to those amounts shown on the Statement of Charges for 2015.

### **Attachment 4C**

- 1/ From Table B-5a of Appendix B to Bulletin 132-15.
- 2/ From Table B-18 of Appendix B to Bulletin 132-15.
- 3/ Payments in 2015 are equal to the current calculated component plus the over/under adjustment for prior years.

### **Attachments 4A, 4B, & 4C**

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1 + i)^n$ , where "i" equals the current project interest rate of 4.610 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	54	11.40126167	1990	26	3.22777501
1963	53	10.89882580	1991	25	3.08553198
1964	52	10.41853150	1992	24	2.94955739
1965	51	9.95940302	1993	23	2.81957498
1966	50	9.52050762	1994	22	2.69532070
1967	49	9.10095365	1995	21	2.57654211
1968	48	8.69988878	1996	20	2.46299790
1969	47	8.31649821	1997	19	2.35445742
1970	46	7.95000307	1998	18	2.25070014
1971	45	7.59965880	1999	17	2.15151528
1972	44	7.26475366	2000	16	2.05670135
1973	43	6.94460726	2001	15	1.96606572
1974	42	6.63856922	2002	14	1.87942426
1975	41	6.34601780	2003	13	1.79660096
1976	40	6.06635867	2004	12	1.71742755
1977	39	5.79902367	2005	11	1.64174319
1978	38	5.54346972	2006	10	1.56939412
1979	37	5.29917763	2007	9	1.50023336
1980	36	5.06565111	2008	8	1.43412041
1981	35	4.84241575	2009	7	1.37092095
1982	34	4.62901802	2010	6	1.31050660
1983	33	4.42502439	2011	5	1.25275461
1984	32	4.23002045	2012	4	1.19754767
1985	31	4.04361003	2013	3	1.14477360
1986	30	3.86541442	2014	2	1.09432521
1987	29	3.69507162	2015	1	1.04610000
1988	28	3.53223556	2016	0	1.00000000
1989	27	3.37657543			

- 6/ Derived by adding the sum of items shown in Column (5) to the 2016 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



December 10, 2015

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed are revisions to your 2016 Statement of Charges dated July 1, 2015. The revised Statement of Charges includes the following changes:

1. Revised projected Conservation Minimum Charges for calendar years 2015 and 2016 were reduced by \$20 million per year to provide Delta Water Charge rate reductions in response to the unprecedented drought conditions.
2. Revised Attachments 1 and 1B (applies to Devil Canyon-Castaic Contractors only), which summarize Conservation Minimum Charges among other billing components, to reflect the aforementioned revisions.
3. Revised Attachment 3, which summarizes Tables A, C, D, E, F, G, of the State Water Supply Contract, to reflect the aforementioned revisions.

All other attachments to the 2016 Statement of Charges are still valid.

If you have any questions concerning these charges, please contact Rachel Corbett of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Perla Netto-Brown".

Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures

cc: (See attached list)

Ms. Jaime Dalida  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 16-014-T-REVISED

Date: December 10, 2015

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 12,273,220	\$ 9,876,042	\$ 19,558,700	\$ 24,545,123	\$ 7,620,761	\$ 13,052,820	\$ 86,926,666
February 1					7,620,761	13,052,820	20,673,581
March 1					7,620,761	13,052,820	20,673,581
April 1					7,620,761	13,052,820	20,673,581
May 1					7,620,761	13,052,820	20,673,581
June 1					7,620,761	13,052,820	20,673,581
July 1	12,273,219	9,876,041	19,558,699	24,545,122	7,620,761	13,052,820	86,926,662
August 1					7,620,761	13,052,820	20,673,581
September 1					7,620,761	13,052,820	20,673,581
October 1					7,620,761	13,052,820	20,673,581
November 1					7,620,760	13,052,820	20,673,580
December 1					7,620,760	13,052,819	20,673,579
<b>Total:</b>	<b>\$ 24,546,439</b>	<b>\$ 19,752,083</b>	<b>\$ 39,117,399</b>	<b>\$ 49,090,245</b>	<b>\$ 91,449,130</b>	<b>\$ 156,633,839</b>	<b>\$ 380,589,135</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$23.67869995
- B/ 1,911,500 acre feet @ \$47.84155384
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$19,064,726)
  - Agricultural Rate Reduction Credit \$0
- D/ Permanent Table A Transfer Credit (\$3,647,854)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2016  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$44,298,522	\$44,298,522
CAPITAL COST COMPONENT:		
Delta Water Charge	\$45,261,835	\$45,261,835
Less Urban Rate Reduction Credit	6,144,436	39,117,399
Transportation Charge	73,439,088	73,439,088
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,780,699
Less Urban Rate Reduction Credit	12,920,290	12,920,290
Less Permanent Table A Transfer Credit	3,647,854	56,870,944
		49,090,245
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	91,449,130	91,449,130
Transportation Charge	165,658,546	165,658,546
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		9,024,707
Subtotal:		\$380,589,135
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,780,699
OPERATION AND MAINTENANCE		9,024,707
Subtotal:		\$16,805,406
<b>Total charges for Calendar Year 2016:</b>	<b>\$397,394,541</b>	<b>\$397,394,541</b>

A/ In compliance with Article 22.

Attachment 1B  
Revised December 10, 2015

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS in-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,929	1,275,315	1,341,244	0	0	1,341,244	0	0	1,341,244	
1964	0	17,058,137	123,575	1,182,375	1,305,950	0	0	1,305,950	0	0	1,305,950	
1965	0	31,951,962	221,554	480,152	701,706	0	0	701,706	0	0	701,706	
1966	0	70,547,174	404,642	3,936,242	4,340,884	0	0	4,340,884	0	0	4,340,884	
1967	0	124,995,713	804,990	4,850,311	5,655,301	0	0	5,655,301	0	0	5,655,301	
1968	0	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	0	15,828,107	0	0	15,828,107	
1969	0	130,799,054	2,344,921	20,063,016	22,407,937	1,314,941	0	23,722,878	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,136	0	0	32,539,136	
1971	0	115,381,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	32,674,388	
1972	154,772	28,803,650	4,933,190	37,904,125	42,837,315	7,857,023	738,659	51,432,997	2,043,211	0	53,476,208	
1973	354,600	37,374,984	5,316,452	46,352,949	51,669,401	8,934,684	1,280,232	61,884,317	2,317,893	0	64,202,210	
1974	454,900	16,707,208	5,783,757	47,787,959	53,571,716	7,472,377	1,753,039	62,777,132	4,231,933	0	67,009,065	
1975	555,200	14,681,381	6,119,860	44,068,887	50,188,747	12,985,036	4,163,244	67,317,027	5,073,286	0	72,390,313	
1976	655,600	12,035,616	6,481,418	43,825,641	50,307,059	15,656,909	4,952,315	70,916,283	6,422,167	0	77,338,450	
1977	755,900	10,967,905	6,845,330	43,815,744	50,661,074	15,445,748	(231,716)	65,875,104	7,104,278	0	72,979,382	
1978	856,300	15,187,698	7,220,783	44,308,381	51,529,164	12,908,948	7,850,079	72,286,191	9,016,389	0	81,302,580	
1979	956,600	27,165,745	7,635,833	44,709,391	52,345,224	27,082,599	(3,971,767)	75,436,056	10,935,192	0	86,371,248	
1980	1,057,000	57,170,619	8,134,825	45,780,110	53,914,935	21,561,704	8,770,811	84,247,450	13,102,796	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	66,430,844	75,249,805	14,924,917	8,679,376	98,854,098	20,910,099	0	119,764,197	
1982	1,257,600	29,493,601	9,311,198	28,876,871	38,187,869	36,968,205	9,181,112	84,335,186	23,998,580	0	108,333,746	
1983	1,358,000	23,110,148	9,900,019	50,917,073	60,817,092	49,334,929	(5,993,116)	104,158,905	17,203,307	12,791,358	134,153,570	
1984	1,458,300	14,829,360	10,481,447	72,953,999	83,435,446	45,517,432	(7,893,940)	121,058,938	18,766,458	0	39,229,567	
1985	1,558,700	9,164,111	11,044,875	52,251,809	63,296,684	58,783,089	(6,788,098)	113,291,875	22,050,974	0	77,446,523	
1986	1,659,300	7,329,614	11,603,826	50,282,665	61,886,291	30,809,854	6,687,441	99,383,586	25,089,858	0	77,581,287	
1987	1,759,800	6,204,065	12,180,284	50,899,921	63,080,185	51,359,647	7,935,849	122,375,681	26,095,043	0	68,939,195	
1988	1,860,400	6,203,847	12,778,919	51,384,460	64,163,379	50,654,835	(8,903,510)	105,914,704	28,781,238	2,642,354	79,936,309	
1989	1,961,000	17,262,370	13,407,116	51,680,199	65,087,315	69,131,749	(5,351,958)	128,867,106	32,505,376	4,587,641	234,271,669	
1990	2,011,500	16,018,198	14,139,687	51,143,869	65,283,556	47,212,462	24,090,472	136,586,490	33,816,369	4,037,980	83,964,409	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	20,546,087	145,855,109	35,676,185	8,259,893	54,214,229	
1992	2,011,500	19,184,149	15,729,249	51,029,149	66,758,567	72,180,742	(14,638,492)	124,280,318	40,763,329	8,435,312	72,401,054	
1993	2,011,500	25,797,108	16,603,139	48,114,062	64,717,201	62,491,809	(45,542,508)	81,666,502	40,859,579	8,885,273	55,312,615	
1994	2,011,500	14,175,365	17,579,458	48,372,500	65,951,856	72,700,847	10,248,885	148,901,688	39,156,173	9,626,755	72,838,621	
1995	2,011,500	14,182,954	18,512,107	49,059,384	67,571,491	65,023,889	(6,047,784)	124,547,596	41,903,874	10,539,430	40,862,813	
1996	2,011,500	19,741,116	19,494,569	48,064,826	67,559,395	66,296,146	8,093,981	143,949,522	41,195,932	12,810,359	36,536,259	
1997	2,011,500	20,059,264	20,526,904	48,820,518	69,403,422	82,662,153	(1,594,566)	150,471,009	45,548,810	13,168,230	37,121,379	
1998	2,011,500	10,082,044	21,654,134	49,222,302	70,876,436	77,734,742	(8,107,455)	140,503,723	45,855,932	12,662,268	30,341,609	
1999	2,011,500	8,103,222	22,760,285	49,238,510	71,998,795	94,936,960	(6,535,154)	158,400,601	47,422,430	17,454,651	42,257,580	
2000	2,011,500	4,735,560	23,901,416	48,025,260	71,926,676	103,431,917	39,586,478	214,947,071	48,169,576	19,805,800	43,977,877	
2001	2,011,500	2,615,653	25,060,087	47,828,901	72,688,988	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	49,405,276	
2002	2,011,500	4,777,092	26,248,564	46,746,615	72,995,199	88,214,191	68,168,773	229,398,163	48,898,329	20,091,004	45,412,974	
2003	2,011,500	2,507,003	27,522,942	44,562,580	72,085,522	113,391,880	83,653,491	269,130,893	47,869,376	20,920,403	41,917,356	
2004	2,011,500	3,218,350	28,827,531	43,407,981	72,235,512	77,477,460	92,165,160	241,878,132	47,414,032	20,941,743	58,678,033	
2005	1,911,500	5,460,096	30,205,226	36,507,833	66,713,059	58,088,434	112,260,560	237,082,053	49,246,383	19,770,593	56,678,035	
2006	1,911,500	11,516,680	31,685,532	33,286,116	63,861,648	83,820,114	115,993,559	264,585,321	47,416,073	20,330,228	56,229,608	
2007	1,911,500	9,534,107	33,343,265	32,041,848	65,385,113	76,223,977	174,432,589	316,041,679	52,120,469	12,752,868	60,701,335	
2008	1,911,500	9,925,073	35,053,961	32,384,500	67,416,461	117,915,033	68,579,752	253,913,246	53,315,217	19,303,204	72,144,765	
2009	1,911,500	18,568,491	36,862,471	30,572,227	67,434,898	113,674,304	72,162,125	253,291,127	58,266,144	21,153,536	71,527,600	
2010	1,911,500	15,482,384	38,946,074	29,460,511	68,406,585	126,045,953	82,902,324	277,354,862	72,808,845	20,240,944	88,263,840	
2011	1,911,500	10,593,140	41,083,722	27,708,423	68,792,145	106,471,804	110,349,261	285,613,010	80,142,822	21,860,932	80,381,761	
2012	1,911,500	13,788,915	43,228,171	26,740,714	69,968,885	91,298,718	131,264,463	292,532,066	83,672,846	22,686,017	78,031,474	
2013	1,911,500	22,615,235	44,942,663	25,928,711	70,871,374	123,679,911	86,127,802	280,679,087	88,558,170	23,602,562	49,351,291	
2014	1,911,500	18,100,115	47,109,601	23,841,079	70,950,680	114,718,519	44,278,183	229,947,382	84,040,101	25,718,327	24,187,465	
2015	1,911,500	46,815,436	48,932,053	22,843,278	71,775,331	186,857,029	64,133,515	322,765,875	114,375,290	43,815,575	17,333,632	
2016	1,911,500	40,721,995	51,017,145	22,421,943	73,439,088	166,286,206	61,535,725	401,261,019	136,710,965	44,298,522	9,948,844	
2017	1,911,500	50,180,089	51,121,121	21,951,512	73,072,633	156,294,648	167,959,641	397,326,922	136,710,965	44,068,808	9,281,762	
2018	1,911,500	52,105,635	48,888,822	21,933,770	70,822,592	156,843,526	201,806,248	429,472,366	136,710,965	39,648,269	2,402,182	
2019	1,911,500	82,514,942	46,025,988	22,112,649	68,138,637	158,411,959	178,718,289	405,268,885	136,710,965	41,693,882	2,391,957	
2020	1,911,500	95,796,601	45,010,088	23,787,284	68,797,372	159,919,040	212,223,310	440,939,722	136,710,965	39,446,066	2,785,098	
2021	1,911,500	24,435,012	43,918,899	26,114,458	70,033,357	161,518,233	218,440,530	449,992,120	136,710,965	39,084,062	4,085,888	
2022	1,911,500	14,087,046	41,282,114	25,256,079	66,538,193	163,133,414	216,303,460	445,975,067	136,710,965	37,853,786	3,865,537	
2023	1,911,500	12,103,098	42,516,760	24,002,601	66,519,361	164,764,748	217,453,517	448,737,626	136,710,965	37,699,484	2,834,262	
2024	1,911,500	5,852,041	43,329,292	22,607,173	65,936,465	166,412,396	212,737,927	445,086,788	136,710,965	36,581,565	2,116,464	
2025	1,911,500	0	44,888,561	20,881,392	65,769,953	168,076,521	219,510,745	453,355,219	136,710,965	33,903,856	342,506	
2026	1,911,500	138,668	46,199,587	18,820,642	65,020,229	169,757,285	206,122,156	440,899,670	136,710,965	31,682,444	424,819	
2027	1,911,500	0	47,722,207	16,704,002	64,426,209	171,454,857	219,985,187	455,866,253	136,710,965	34,245,150	634,823	
2028	1,911,500	0	49,352,087	14,510,432	63,862,519	173,169,408	215,529,485	452,861,412	136,710,965	27,577,961	627,500	
2029	1,911,500	0	50,844,893	12,244,115	63,089,008	174,901,102	216,434,316	454,424,426	136,710,965	29,433,698	428,177	
2030	1,911,500	0	51,789,522	9,915,931	61,705,453	176,650,114	211,262,453	449,618,020	136,710,965	11,928,106	629,989	
2031	1,911,500	0	51,232,133	7,561,614	58,793,747							

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2017.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 17-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$46,536,525
Capital Cost Component		
Delta Water Charge	\$40,754,172	
Less Rate Management Credit Under Monterey Amendment	<u>6,144,436</u>	
		34,609,736
Transportation Charge	64,971,597	
Less Rate Management Credit Under Monterey Amendment	12,920,290	
Less Permanent Table A Transfer Credit	<u>3,605,324</u>	
		48,445,983
Minimum Operation, Maintenance, Power and Replacement Component		
Delta Water Charge	90,903,382	
Transportation Charge	<u>138,860,184</u>	
Total for Invoice No. 17-014-T		<u>\$359,355,810</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 17-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,820,718
Article 17 (b)		
Operation and Maintenance		<u>10,676,237</u>
Total for Invoice No. 17-002-DCC		<u>\$18,496,955</u>

(See reconciliation of charges between contracts per Attachment 1B)



Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2016  
Page 2

Based on scheduled deliveries from Table A, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2017 are:

Variable Operation, Maintenance,  
Power and Replacement Component

Transportation Charge	\$170,592,732
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In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent, and are applied against the payments to be made in 2017. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

The 2017 Off-Aqueduct Facility charge, Invoice No. 17-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance,  
Power and Replacement Component

Off-Aqueduct Power Facilities	\$3,037,319
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The 2017 Replacement Account System Charge for Conservation Facilities, Invoice No. 17-014-U, Attachment 1-2 is:

Conservation Replacement Account System Charge	\$0
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The 2017 East Branch Enlargement Facilities Transportation Charge, Invoice No. 17-004-E, Attachment 1-3 is:

Capital Cost Component	\$30,994,026
Minimum Operation, Maintenance, Power and Replacement Component	<u>8,704,128</u>
Total East Branch Enlargement Facilities	<u>\$39,698,154</u>

The 2017 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 17-007-TAB, Attachment 1-6 is:

Capital Cost Component	
Tehachapi Second Afterbay Facilities	\$5,013,862

Enclosed is Attachment 8 which shows the charges under the executed agreement for Municipal Water Quality Investigations (MWQI). The MWQI charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

The Transportation Capital charge shown on Attachment 1 and 1C (for M&I contractors) or 1D (for AG contractors) includes a credit for calendar year 2017 that resulted from permanent Table A sales. Attachment 11 summarizes the credit by the State Water Project repayment reach that your agency participates in.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2016  
Page 3

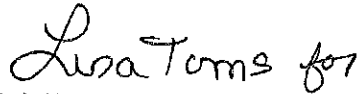
The Transportation Minimum charge in Attachment 4B includes a line item charge for the 2015 and 2016 Oakdale Irrigation District/South San Joaquin Irrigation District (OID/SSJID) Flow Release Purchase. These conservation costs were requested by the State Water Project Contractors to be recovered under Transportation Minimum rather than recovered over time through the Delta Water Rate.

The Transportation and Conservation Capital charges include the reduction for the projected 2017 Rate Management Credit under the Monterey Amendment.

The Transportation Minimum charge in Attachment 4B includes a line item charge for the initial funding of the Lake Perris Seepage Recovery Project for 2016 (\$3,250,000 plus a year of interest) and 2017 (\$4,000,000).

If you have any questions concerning these charges, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Perla Netto-Brown, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list)

Ms. Jaime Dalida  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-014-T

Date: June 30, 2016

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 13,327,763	\$ 9,940,500	\$ 17,304,868	\$ 24,222,992	\$ 7,575,282	\$ 11,571,682	\$ 83,943,087
February 1					7,575,282	11,571,682	19,146,964
March 1					7,575,282	11,571,682	19,146,964
April 1					7,575,282	11,571,682	19,146,964
May 1					7,575,282	11,571,682	19,146,964
June 1					7,575,282	11,571,682	19,146,964
July 1	13,327,763	9,940,499	17,304,868	24,222,991	7,575,282	11,571,682	83,943,085
August 1					7,575,282	11,571,682	19,146,964
September 1					7,575,282	11,571,682	19,146,964
October 1					7,575,282	11,571,682	19,146,964
November 1					7,575,281	11,571,682	19,146,963
December 1					7,575,281	11,571,682	19,146,963
<b>Total:</b>	<b>\$ 26,655,526</b>	<b>\$ 19,880,999</b>	<b>\$ 34,609,736</b>	<b>\$ 48,445,983</b>	<b>\$ 90,903,382</b>	<b>\$ 138,860,184</b>	<b>\$ 359,355,810</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$21.32051899
- B/ 1,911,500 acre feet @ \$47.55604622
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$19,064,726)
  - Agricultural Rate Reduction Credit \$0
- D/ Permanent Table A Transfer Credit (\$3,605,324)

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-002-DCC

Date: June 30, 2016

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,910,359	\$ 481,811	\$ 407,877	\$ 4,800,047
February 1		481,811	407,877	889,688
March 1		481,811	407,876	889,687
April 1		481,810	407,876	889,686
May 1		481,810	407,876	889,686
June 1		481,810	407,876	889,686
July 1	3,910,359	481,810	407,876	4,800,045
August 1		481,810	407,876	889,686
September 1		481,810	407,876	889,686
October 1		481,810	407,876	889,686
November 1		481,810	407,876	889,686
December 1		481,810	407,876	889,686
<b>Total:</b>	<b>\$ 7,820,718</b>	<b>\$ 5,781,723</b>	<b>\$ 4,894,514</b>	<b>\$ 18,496,955</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)  
 B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2017  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments if Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$46,536,525	\$46,536,525
CAPITAL COST COMPONENT:		
Delta Water Charge	\$40,754,172	\$40,754,172
Less Urban Rate Reduction Credit	6,144,436	34,609,736
Transportation Charge	72,792,315	72,792,315
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,820,718
Less Urban Rate Reduction Credit	12,920,290	12,920,290
Less Permanent Table A Transfer Credit	3,605,324	56,266,701
		3,605,324
		48,445,983
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	90,903,382	90,903,382
Transportation Charge	149,536,421	149,536,421
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		10,676,237
		138,860,184
Subtotal:		\$359,355,810
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,820,718
OPERATION AND MAINTENANCE		10,676,237
Subtotal:		\$18,496,955
<b>Total charges for Calendar Year 2017:</b>	<b>\$377,852,765</b>	<b>\$377,852,765</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2016

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
Under Article 41, 51 and 53 of the Water Supply Contract

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

IN 2017

<u>Capital Cost Component</u> (1)	<u>Water Supply Contract Charges A/</u> (2)	<u>Urban Rate Reduction Credit B/</u> (3)	<u>Permanent Table A Transfer Credit C/</u> (4)	<u>Adjusted Charges</u> (5)
Delta Water Charge	\$40,754,172	(\$6,144,436)	\$0	\$34,609,736
Transportation Charge	64,971,597	(12,920,290)	(3,605,324)	48,445,983
Total	<u>\$105,725,769</u>	<u>(\$19,064,726)</u>	<u>(\$3,605,324)</u>	<u>\$83,055,719</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

C/ The Permanent Table A Transfer Credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-013-O  
 Date: June 30, 2016  
 Contract No: 160157

[in dollars]

<u>Due on or Before</u>	<u>Debt Service</u>	<u>Cover</u>	<u>Maintenance</u>	<u>RG4 Separation</u>	<u>Amount</u>
January 1	\$0	\$0	\$10,860	\$242,251	\$253,111
February 1	0	0	10,860	242,250	253,110
March 1	0	0	10,860	242,250	253,110
April 1	0	0	10,860	242,250	253,110
May 1	0	0	10,860	242,250	253,110
June 1	0	0	10,860	242,250	253,110
July 1	0	0	10,860	242,250	253,110
August 1	0	0	10,860	242,250	253,110
September 1	0	0	10,860	242,250	253,110
October 1	0	0	10,860	242,250	253,110
November 1	0	0	10,859	242,250	253,109
December 1	0	0	10,859	242,250	253,109
<b>Total:</b>	<u>\$0</u>	<u>\$0</u>	<u>\$130,318</u>	<u>\$2,907,001</u>	<u>\$3,037,319</u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-014-U

Date: June 30, 2016

Contract No: 160157

[in dollars]

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$0
February 1	0
March 1	0
April 1	0
May 1	0
June 1	0
July 1	0
August 1	0
September 1	0
October 1	0
November 1	0
December 1	0
Total:	<u><u>\$0</u></u>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-004-E

Date: June 30, 2016

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 725,344	\$ 725,344
February 1				725,344	725,344
March 1	\$ 3,701,717	\$ 3,098,880	\$ 574,701	725,344	8,100,642
April 1				725,344	725,344
May 1				725,344	725,344
June 1				725,344	725,344
July 1				725,344	725,344
August 1				725,344	725,344
September 1	17,870,059	3,098,880	2,649,789	725,344	24,344,072
October 1				725,344	725,344
November 1				725,344	725,344
December 1				725,344	725,344
<b>Total:</b>	<b>\$ 21,571,776</b>	<b>\$ 6,197,760</b>	<b>\$ 3,224,490</b>	<b>\$ 8,704,128</b>	<b>\$ 39,698,154</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-007-TAB

Date: June 30, 2016

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 2,005,545	\$ 501,386	\$ 2,506,931
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	2,005,545	501,386	2,506,931
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 4,011,090</b>	<b>\$ 1,002,772</b>	<b>\$ 5,013,862</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,105,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,929	1,275,316	1,341,244	0	1,341,244	0	0	0	1,341,244	
1964	0	17,056,137	123,676	1,182,376	1,305,550	0	1,305,550	0	0	0	1,305,550	
1965	0	31,951,862	221,554	480,152	701,706	0	701,706	0	0	0	701,706	
1966	0	70,547,174	404,642	3,936,242	4,340,884	0	4,340,884	0	0	0	4,340,884	
1967	0	124,995,713	804,990	4,850,311	5,655,301	0	5,655,301	0	0	0	5,655,301	
1968	0	138,828,172	1,518,387	12,598,159	14,116,546	1,711,581	15,828,107	0	0	0	15,828,107	
1969	0	130,799,064	2,344,921	20,063,018	22,407,937	1,314,941	23,722,878	0	0	0	23,722,878	
1970	0	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	32,539,136	0	0	0	32,539,136	
1971	0	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	32,674,388	0	0	0	32,674,388	
1972	154,772	28,803,850	4,933,190	37,904,125	42,837,315	7,857,023	50,694,338	2,043,211	0	0	52,737,549	
1973	354,600	37,374,084	5,316,452	46,352,640	51,669,401	8,934,684	60,604,085	2,317,893	0	0	62,921,978	
1974	454,800	16,707,208	5,763,767	47,787,859	53,551,716	7,472,377	61,024,093	4,231,833	0	0	65,255,926	
1975	555,200	14,681,581	6,118,860	44,068,887	50,187,747	12,965,036	63,152,783	6,422,167	0	0	69,574,950	
1976	655,600	12,035,616	6,481,418	43,825,841	50,307,259	15,656,906	65,964,165	6,422,167	0	0	72,386,332	
1977	755,900	11,067,905	6,545,330	43,815,744	50,363,074	15,445,746	65,808,820	6,422,167	0	0	72,230,987	
1978	856,300	15,187,698	7,220,783	44,308,381	51,529,164	12,906,948	64,436,112	10,916,389	0	0	75,352,501	
1979	956,600	27,165,745	7,856,833	44,709,391	52,566,224	27,082,599	79,648,823	10,916,389	0	0	90,565,212	
1980	1,057,000	57,170,819	8,134,825	45,780,110	53,914,935	21,581,704	75,496,639	13,102,796	0	0	88,599,435	
1981	1,167,300	15,787,979	8,816,161	66,430,644	75,246,805	14,924,917	90,171,722	20,910,099	0	0	111,081,821	
1982	1,257,600	29,493,601	9,311,108	28,875,671	38,187,869	36,965,205	75,153,074	23,990,560	0	0	99,143,634	
1983	1,358,000	23,110,446	9,900,019	50,917,073	60,817,092	49,334,926	110,152,018	17,203,307	0	0	127,355,325	
1984	1,458,300	14,829,360	10,481,447	72,953,969	83,435,416	45,517,432	128,952,848	17,868,468	0	12,781,358	141,734,206	
1985	1,558,700	9,164,111	11,044,876	63,296,684	74,341,560	62,251,809	136,593,369	22,059,974	0	38,229,587	174,822,956	
1986	1,659,300	7,329,614	11,603,626	50,282,665	61,886,291	30,809,854	92,696,145	25,089,858	0	77,581,287	119,777,003	
1987	1,759,800	6,204,065	12,180,264	50,899,621	63,080,185	51,359,647	114,439,832	26,095,043	0	68,839,195	143,328,970	
1988	1,860,400	6,203,847	12,778,919	51,384,460	64,163,379	50,654,835	114,818,214	28,781,238	2,642,354	68,839,195	144,279,807	
1989	1,961,000	17,262,370	13,407,116	51,680,189	65,087,315	69,131,748	134,218,063	32,605,376	4,687,841	68,311,546	167,227,669	
1990	2,011,500	16,019,168	14,439,687	51,143,869	65,283,556	47,212,482	112,496,038	33,616,369	4,037,980	68,311,546	184,814,933	
1991	2,011,500	18,859,032	14,903,424	51,228,573	66,131,997	59,177,025	125,308,020	35,676,185	6,259,893	54,214,228	186,187,146	
1992	2,011,500	19,184,149	15,729,249	51,029,318	66,758,567	72,160,742	138,919,309	40,763,329	8,435,312	72,401,054	199,384,641	
1993	2,011,500	25,797,106	16,603,139	48,114,062	64,717,201	62,491,808	127,209,009	40,859,579	8,885,273	55,312,815	183,027,097	
1994	2,011,500	14,175,365	17,579,456	48,372,500	65,951,656	72,700,847	138,652,447	39,156,173	8,928,755	72,838,521	191,491,223	
1995	2,011,500	14,182,954	18,512,107	46,059,384	64,571,491	65,023,859	129,595,350	41,903,674	10,539,430	40,862,813	170,937,613	
1996	2,011,500	19,741,116	19,494,569	48,084,828	67,559,395	68,296,146	135,855,541	41,195,922	12,810,359	38,536,258	176,391,800	
1997	2,011,500	12,059,264	20,582,904	48,820,518	69,403,422	82,862,153	152,265,575	45,648,810	13,169,230	37,121,739	192,456,544	
1998	2,011,500	10,062,044	21,854,134	49,222,302	70,876,436	77,734,742	148,611,184	46,855,982	12,662,268	30,341,808	181,519,460	
1999	2,011,500	8,103,222	22,760,285	49,238,510	71,990,795	84,938,950	156,929,745	47,422,430	17,464,851	42,257,560	199,651,756	
2000	2,011,500	4,736,560	23,901,418	48,026,260	71,926,676	103,431,917	174,358,593	48,189,576	16,805,800	43,977,877	208,141,473	
2001	2,011,500	2,615,863	25,080,087	47,628,901	72,688,888	61,532,014	134,220,902	48,189,135	19,480,499	49,405,276	193,706,177	
2002	2,011,500	5,241,418	26,248,584	46,746,616	72,995,199	86,214,181	159,209,380	48,808,364	20,091,034	45,412,974	184,712,388	
2003	2,011,500	4,242,014	27,529,192	44,556,330	72,085,522	113,391,880	185,477,403	47,889,376	20,920,903	41,917,356	174,315,665	
2004	2,011,500	3,482,646	28,856,831	43,376,681	72,236,512	77,477,480	154,714,062	47,414,032	20,041,743	58,676,036	163,390,842	
2005	1,911,500	6,130,204	30,241,973	36,471,088	66,713,059	112,260,560	178,973,620	49,246,383	16,770,593	56,220,579	158,964,572	
2006	1,911,500	11,665,863	31,734,753	33,236,895	64,971,648	83,620,114	148,591,762	47,416,073	20,330,226	60,701,335	149,293,067	
2007	1,911,500	9,609,040	33,397,274	31,987,830	63,385,113	76,223,877	143,609,000	47,416,073	21,752,863	61,354,857	145,278,933	
2008	1,911,500	10,367,132	35,111,823	32,305,638	67,416,461	117,915,033	185,331,246	48,855,982	22,662,268	60,341,808	148,839,564	
2009	1,911,500	18,588,867	36,931,677	30,503,121	67,434,898	113,674,304	187,148,627	48,226,144	21,153,538	71,527,080	158,726,240	
2010	1,911,500	15,479,800	39,018,369	29,388,216	68,406,585	126,045,953	202,241,827	48,189,576	20,240,844	88,263,841	160,694,211	
2011	1,911,500	10,619,480	41,159,287	27,632,858	68,782,145	106,471,604	184,943,208	80,142,822	21,880,932	80,381,781	166,824,626	
2012	1,911,500	13,835,844	43,307,842	26,661,043	69,968,885	91,268,716	171,237,532	83,672,846	22,886,017	78,031,474	161,915,427	
2013	1,911,500	22,772,627	45,027,197	25,844,177	70,871,374	123,679,911	204,559,822	86,558,170	23,802,562	49,351,261	155,663,645	
2014	1,911,500	18,946,585	47,202,312	23,748,388	70,950,680	114,718,519	187,677,138	84,040,101	25,718,327	24,242,663	157,638,128	
2015	1,911,500	33,924,589	49,053,700	22,721,541	71,775,331	186,857,029	268,634,358	114,375,200	24,814,514	15,050,985	168,240,757	
2016	1,911,500	42,940,635	50,904,929	22,700,794	73,439,088	166,286,208	252,512,416	136,710,965	44,298,622	5,911,869	173,723,314	
2017	1,911,500	43,034,852	52,839,298	21,897,388	72,782,316	133,623,409	216,406,715	131,657,554	46,536,525	3,037,310	160,174,350	
2018	1,911,500	43,611,374	48,399,298	21,556,899	69,966,197	164,820,220	231,740,439	131,657,554	47,280,738	2,065,052	151,408,349	
2019	1,911,500	27,242,412	45,169,833	21,370,490	66,540,323	163,944,264	227,888,528	131,657,554	51,764,865	126,403	150,443,776	
2020	1,911,500	0	41,703,127	20,582,408	62,285,533	163,973,812	180,957,625	131,657,554	50,013,628	126,393	151,181,551	
2021	1,911,500	0	35,888,138	18,767,068	54,655,206	185,613,540	204,227,080	131,657,554	50,020,888	126,393	151,774,871	
2022	1,911,500	0	31,600,238	17,189,578	48,789,816	189,790,703	204,580,406	131,657,554	48,347,582	126,393	149,964,481	
2023	1,911,500	0	31,573,317	15,729,521	47,302,838	188,942,382	187,486,859	131,657,554	48,880,225	126,393	148,493,500	
2024	1,911,500	0	31,103,643	14,295,882	45,399,525	184,223,611	180,254,741	131,657,554	47,700,812	126,393	146,984,757	
2025	1,911,500	0	31,676,925	12,871,500	44,548,425	172,335,124	168,308,989	131,657,554	45,172,179	126,393	145,637,156	
2026	1,911,500	0	32,380,987	11,419,716	43,800,702	161,934,961	159,797,169	131,657,554	42,798,138	126,393	144,671,700	
2027	1,911,500	0	33,253,790	9,933,936	43,187,726	175,802,119	167,875,525	131,657,554	46,406,514	126,393	144,388,433	
2028	1,911,500	0	34,216,678	8,407,380	42,624,058	177,680,142	184,500,917	131,657,554	46,885,805	126,393	144,571,752	
2029	1,911,500	0	35,011,740	6,838,785	41,850,525	179,335,745	188,065,274	131,657,554	47,280,738	126,393	144,946,716	
2030	1,911,500	0	35,226,480	5,240,510	40,466,970	181,129,101	181,682,671	131,657,554	28,235,680	126,393	140,041,624	
2031	1,911,500	0	33,905,514	3,649,749	37,555,263	182,940,392	201,624,868	131,657,554	28,252,920	126,393	139,980,311	
2032	1,911,500	0	34,654,797	2,095,874	36,7							

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars)

Year	Calculated Components as of 01/01/2016	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2017	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(7,415,741)	
1964	1,260,513	1,305,950	(45,437)	(495,210)	
1965	2,180,589	701,706	1,478,883	15,407,787	
1966	3,900,172	4,340,884	(440,712)	(4,389,230)	
1967	7,693,703	5,655,301	2,038,402	19,406,623	
1968	14,345,147	14,116,546	228,601	2,080,488	
1969	21,857,456	22,407,937	(550,481)	(4,789,120)	
1970	28,992,595	30,498,028	(1,505,433)	(12,519,928)	
1971	37,242,413	29,828,838	7,413,575	58,937,943	
1972	44,062,125	42,837,315	1,224,810	9,308,136	
1973	46,299,581	51,669,401	(5,369,820)	(39,010,422)	
1974	48,322,678	53,551,716	(5,229,038)	(36,313,613)	
1975	49,285,084	50,188,747	(903,663)	(5,999,029)	
1976	50,137,295	50,307,059	(169,764)	(1,077,328)	
1977	50,827,166	50,661,074	166,092	1,007,574	
1978	51,426,581	51,529,164	(102,583)	(594,884)	
1979	52,230,344	52,345,224	(114,880)	(636,832)	
1980	53,637,412	53,914,935	(277,523)	(1,470,642)	
1981	56,667,437	75,249,805	(18,582,368)	(94,131,792)	
1982	57,465,063	38,187,869	19,277,194	93,348,188	
1983	59,037,472	60,817,092	(1,779,620)	(8,237,892)	
1984	60,313,580	83,435,446	(23,121,866)	(102,314,822)	
1985	61,144,629	63,296,684	(2,152,055)	(9,103,237)	
1986	61,666,346	61,886,291	(219,945)	(889,373)	
1987	62,094,710	63,080,185	(985,475)	(3,809,270)	
1988	62,452,912	64,163,379	(1,710,467)	(6,320,297)	
1989	62,796,236	65,087,315	(2,291,079)	(8,092,629)	
1990	63,762,459	65,283,556	(1,521,097)	(5,136,099)	
1991	64,677,355	66,131,997	(1,454,642)	(4,695,257)	
1992	65,776,353	66,758,567	(982,214)	(3,030,654)	
1993	66,905,041	64,717,201	2,187,840	6,453,160	
1994	68,486,622	65,951,956	2,534,666	7,146,682	
1995	69,373,540	67,571,491	1,802,049	4,857,101	
1996	70,251,056	67,559,395	2,691,661	6,935,178	
1997	71,530,953	69,403,422	2,127,531	5,240,105	
1998	72,283,436	70,876,436	1,407,000	3,312,723	
1999	72,917,423	71,998,795	918,628	2,067,557	
2000	73,432,162	71,926,676	1,505,486	3,239,076	
2001	73,741,965	72,688,988	1,052,977	2,165,660	
2002	73,915,736	72,995,199	920,537	1,809,836	
2003	74,256,539	72,085,522	2,171,017	4,080,262	
2004	74,601,782	72,235,512	2,366,270	4,251,243	
2005	68,499,909	66,713,059	1,786,850	3,068,785	
2006	68,876,841	64,971,648	3,905,193	6,411,325	
2007	69,605,880	65,385,113	4,220,767	6,624,047	
2008	70,216,830	67,418,461	2,798,369	4,198,206	
2009	70,888,202	67,434,698	3,453,504	4,952,741	
2010	72,114,491	68,406,585	3,707,906	5,083,246	
2011	73,158,377	68,792,145	4,366,232	5,721,976	
2012	73,890,701	69,968,885	3,921,816	4,913,073	
2013	74,247,332	70,871,374	3,375,958	4,042,871	
2014	75,383,564	70,950,680	4,432,884	5,074,649	
2015	75,926,270	71,775,331	4,150,939	4,542,477	
2016	76,902,197	73,439,088	3,463,109	3,622,756	
2017	76,711,532				25,549,705
			TOTAL	(51,161,827)	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2016	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2017	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(6,724,031)	
1969	1,295,607	1,314,941	(19,334)	(168,200)	
1970	1,624,569	2,041,108	(416,539)	(3,464,150)	
1971	2,716,584	2,845,550	(128,966)	(1,025,279)	
1972	8,038,463	7,857,023	181,440	1,378,882	
1973	9,890,316	8,934,684	955,632	6,942,430	
1974	11,581,491	7,472,377	4,109,114	28,536,185	
1975	13,584,548	12,965,036	619,512	4,112,673	
1976	12,862,489	15,656,909	(2,794,420)	(17,733,441)	
1977	16,203,699	15,445,746	757,953	4,598,015	
1978	17,811,770	12,906,948	4,904,822	28,443,178	
1979	16,414,289	27,062,599	(10,648,310)	(59,028,582)	
1980	20,926,898	21,561,704	(634,806)	(3,363,952)	
1981	23,731,024	14,924,917	8,806,107	44,608,668	
1982	27,994,510	36,966,205	(8,971,695)	(43,444,679)	
1983	38,953,367	49,334,929	(10,381,562)	(48,056,438)	
1984	45,597,671	45,517,432	80,239	355,061	
1985	50,064,444	56,783,089	(6,718,645)	(28,420,004)	
1986	52,858,915	30,809,854	22,049,061	89,157,804	
1987	50,737,631	51,359,647	(622,016)	(2,404,350)	
1988	51,262,231	50,654,835	607,396	2,244,373	
1989	52,638,942	69,131,749	(16,492,807)	(58,266,479)	
1990	61,053,824	47,212,462	13,841,362	46,736,403	
1991	60,874,529	59,177,025	1,697,504	5,479,160	
1992	67,460,598	72,160,742	(4,700,144)	(14,502,444)	
1993	68,749,547	62,491,809	6,257,738	18,457,557	
1994	63,898,029	72,700,847	(8,802,818)	(24,820,207)	
1995	68,079,888	65,023,889	3,055,999	8,236,898	
1996	72,757,439	68,296,146	4,461,293	11,494,710	
1997	75,655,465	82,662,153	(7,006,688)	(17,257,457)	
1998	80,540,695	77,734,742	2,805,953	6,606,496	
1999	86,320,578	94,936,960	(8,616,382)	(19,392,893)	
2000	82,432,338	103,431,917	(20,999,579)	(45,180,915)	
2001	93,016,285	61,532,014	31,484,271	64,753,743	
2002	85,415,139	88,214,191	(2,799,052)	(5,503,121)	
2003	82,358,489	113,391,880	(31,033,391)	(58,324,907)	
2004	99,527,399	77,477,460	22,049,939	39,614,941	
2005	74,184,438	58,088,434	16,096,004	27,643,720	
2006	76,147,507	83,620,114	(7,472,607)	(12,268,102)	
2007	105,091,465	76,223,977	28,867,488	45,304,466	
2008	113,274,967	117,915,033	(4,640,066)	(6,961,181)	
2009	99,895,425	113,674,304	(13,778,879)	(19,760,572)	
2010	97,926,307	126,045,953	(28,119,646)	(38,549,812)	
2011	105,598,030	106,471,604	(873,574)	(1,144,825)	
2012	118,229,648	91,298,718	26,930,930	33,737,846	
2013	133,540,862	123,679,911	9,860,951	11,808,959	
2014	147,378,197	114,718,519	32,659,678	37,387,938	
2015	137,650,749	186,857,029	(49,206,280)	(53,847,673)	
2016	153,073,428	166,286,206	(13,212,778)	(13,821,886)	
2017	169,408,883				133,623,409
			<b>Total</b>	<b>(35,785,474)</b>	
	OID/SSJID Flow Release Purchase Lake Perris Seepage Recovery Project				8,513,187 7,399,825
	<b>Net Minimum Charges:</b>				<u><u>149,536,421</u></u>

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Annual Quantities Delivered or Requested	Calculated Components as of 01/01/2016	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2017	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	71,938	848,011	738,659	109,352	831,041	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,430,458)	
1974	277,717	1,872,297	1,753,039	119,258	828,199	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,832,855)	
1976	618,451	5,485,263	4,952,315	532,948	3,362,099	
1977	189,755	(796,686)	(231,716)	(564,970)	(3,427,312)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(24,087,120)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	44,312,985	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(18,062,594)	
1981	795,846	10,862,932	8,679,376	2,183,556	11,061,133	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(7,243,984)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(13,893,448)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,151,387	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(37,864,047)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(22,449,973)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(42,299,023)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	20,306,566	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	52,420,119	
1990	1,396,423	30,759,725	24,090,472	6,669,253	22,519,237	
1991	391,447	184,870	20,546,087	(20,361,217)	(65,721,427)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	15,944,376	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	70,991,814	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(17,450,918)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	8,495,130	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(16,063,982)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	9,909,366	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(15,271,759)	
1999	852,617	(9,859,076)	(8,535,154)	(1,323,922)	(2,979,752)	
2000	1,522,412	(14,604,199)	39,588,478	(54,192,677)	(116,596,373)	
2001	970,869	160,767,744	94,286,088	66,481,656	136,732,912	
2002	1,408,919	59,840,151	68,188,773	(8,348,622)	(16,413,940)	
2003	1,649,639	94,317,664	83,653,491	10,664,173	20,042,505	
2004	1,582,735	107,170,690	92,165,160	15,005,530	26,958,950	
2005	1,528,045	113,938,011	112,260,560	1,677,451	2,880,900	
2006	1,512,186	82,219,262	115,993,559	(33,774,297)	(55,448,723)	
2007	1,350,477	137,718,921	174,432,589	(36,713,668)	(57,618,215)	
2008	719,069	83,447,245	68,579,752	14,867,493	22,304,710	
2009	787,605	60,856,856	72,182,125	(11,325,269)	(16,241,799)	
2010	1,150,524	91,428,005	82,902,324	8,525,681	11,688,035	
2011	1,540,663	132,154,342	110,349,261	21,805,081	28,575,703	
2012	1,214,897	108,540,066	131,264,463	(22,724,397)	(28,468,093)	
2013	789,290	108,934,271	86,127,802	22,806,469	27,311,833	
2014	282,130	69,744,415	44,278,183	25,466,232	29,153,071	
2015	441,976	106,856,531	101,555,175	5,301,356	5,801,407	
2016	1,047,755	160,243,981	162,344,562	(2,100,581)	(2,197,418)	
2017	1,131,900	174,800,175				165,340,440
				TOTAL	(9,459,735)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2017

Transportation Components	Transportation Charges		
	Calculated 1/1/2016	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	76,711,532	25,549,705	(51,161,827)
Capital Cost Component difference to be amortized			(51,161,827)
Divided by remaining water deliveries 1/			24,952,904 *
Unit rate for amortizing difference 2/			(2.050336)
Unit rate applied to 2017 deliveries of		1,911,500 acre feet	(3,919,217)
Plus calculated 2017 Capital Cost Component			76,711,532
Adjusted Capital Cost Component			72,792,315

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet



STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2016	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2017	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,835)	
1989	8,978,504	8,991,417	(12,913)	(35,513)	
1990	8,983,597	9,020,145	(36,548)	(92,325)	
1991	8,983,717	9,009,739	(26,022)	(60,625)	
1992	17,989,315	18,053,820	(64,505)	(140,163)	
1993	18,742,682	18,754,578	(11,896)	(24,563)	
1994	18,591,099	18,705,728	(114,629)	(226,499)	
1995	18,556,603	16,729,731	1,826,872	3,445,859	
1996	18,647,406	20,262,394	(1,614,988)	(2,877,956)	
1997	19,545,322	19,141,671	403,651	681,114	
1998	19,966,108	19,092,267	873,841	1,395,757	
1999	20,947,475	20,301,335	646,140	977,216	
2000	22,957,586	17,085,146	5,872,440	8,439,291	
2001	22,965,748	31,847,016	(8,881,268)	(11,995,903)	
2002	22,425,318	22,276,589	148,729	191,566	
2003	19,087,337	22,768,985	(3,681,648)	(4,619,219)	
2004	20,695,237	19,038,306	1,656,931	2,043,533	
2005	15,518,826	17,204,043	(1,685,217)	(2,044,842)	
2006	21,996,926	17,589,839	4,407,087	5,191,452	
2007	21,205,488	20,041,387	1,164,101	1,310,379	
2008	19,895,328	21,870,151	(1,974,823)	(2,114,099)	
2009	20,447,424	20,084,800	362,624	376,358	
2010	20,995,084	20,584,992	410,092	420,473	
2011	20,222,785	21,198,361	(975,576)	(995,124)	
2012	20,463,459	21,513,121	(1,049,662)	(1,066,050)	
2013	17,634,660	16,714,447	920,213	931,320	
2014	18,653,166	18,442,404	210,762	212,764	
2015	20,891,796	20,213,303	678,493	683,345	
2016	29,840,781	29,837,510	3,271	3,286	
2017	30,994,029				30,994,026

(3)

\* Included in the 2017 calculated component is \$6,197,760 for East Branch Enlargement Bond Cover and \$3,224,490 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2016	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2017	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(201,590)	
1992	0	339,060	(339,060)	(736,745)	
1993	0	(68,950)	68,950	142,369	
1994	2,174,776	(213,745)	2,388,521	4,719,559	
1995	1,895,643	2,839,696	(944,053)	(1,780,679)	
1996	1,990,213	2,810,767	(820,554)	(1,462,251)	
1997	2,642,077	1,296,887	1,345,190	2,269,852	
1998	2,915,152	1,850,818	1,064,334	1,700,025	
1999	1,599,082	3,847,978	(2,248,896)	(3,401,210)	
2000	2,768,399	2,949,526	(181,127)	(260,298)	
2001	2,110,955	13,032,437	(10,921,482)	(14,751,614)	
2002	2,714,839	(5,934,164)	8,649,003	11,140,106	
2003	3,161,617	1,352,030	1,809,587	2,270,417	
2004	3,415,147	3,040,705	374,442	461,808	
2005	3,162,111	2,605,075	557,036	675,907	
2006	3,337,783	4,317,052	(979,269)	(1,153,558)	
2007	4,385,797	4,321,833	63,964	72,002	
2008	4,623,025	3,665,831	957,194	1,024,701	
2009	4,851,435	7,003,623	(2,152,188)	(2,233,700)	
2010	4,504,540	4,362,778	141,762	145,351	
2011	4,666,555	8,607,829	(3,941,274)	(4,020,249)	
2012	4,387,551	6,041,609	(1,654,058)	(1,679,882)	
2013	5,047,854	5,698,589	(650,735)	(658,589)	
2014	6,142,903	4,290,132	1,852,771	1,870,374	
2015	7,228,423	2,139,332	5,089,091	5,125,487	
2016	6,976,472	5,427,771	1,548,701	1,555,825	
2017	7,870,710				8,704,128
				833,418	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2017  
For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 12E	68,964	22.11599490	1,525,207
East Branch Reach 26A, 28H and 28J VEBX-R1	465,613 0	158.94888550 132.71490280	74,008,667 0
West Branch Reach 30	597,323	166.18529810	99,266,301
		Sub total	174,800,175
			Net adjustment per redetermination of pre-2017 charges 2/ (9,459,735)
			Estimated Year 2017 Replacement Accounting System (RAS) Charges 2/ 3,751,618
			Prior years RAS over and under adjustments 2/ 1,500,674
			<u><u>170,592,732</u></u>
Total Estimated 2017 Charges			<u><u>170,592,732</u></u>

1/ Derived by dividing column (4) by column (2).

2/ Will be applied 1/12 monthly to the actual 2017 water delivery billings.

East Branch Enlargement Facilities  
Transportation Charge for  
The Metropolitan Water District of Southern California

(in dollars)

Year	Capital Component [1]	Minimum OMP&R Component [2]	Total East Branch Enlargement Transportation Charge [3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	16,714,447	5,698,589	22,413,036
2014	18,442,404	4,290,132	22,732,536
2015	20,213,303	2,139,332	22,352,635
2016	29,837,510	5,427,771	35,265,281
2017	30,994,026	8,704,128	39,698,154
2018	30,208,216	7,808,478	38,016,694
2019	30,280,398	7,808,478	38,088,876
2020	29,586,664	7,808,478	37,395,142
2021	30,238,485	7,808,478	38,046,963
2022	29,087,515	7,808,478	36,895,993
2023	23,866,311	7,808,478	31,674,789
2024	25,056,506	7,808,478	32,864,984
2025	28,510,862	7,808,478	36,319,340
2026	11,234,016	7,808,478	19,042,494
2027	11,431,404	7,808,478	19,239,882
2028	7,443,195	7,808,478	15,251,673
2029	7,809,305	7,808,478	15,617,783
2030	1,554,155	7,808,478	9,362,633
2031	1,548,678	7,808,478	9,357,156
2032	1,551,790	7,808,478	9,360,268
2033	1,549,876	7,808,478	9,358,354
2034	1,552,251	7,808,478	9,360,729
2035	1,553,008	7,808,478	9,361,486
<b>Total</b>	<b>849,986,058</b>	<b>234,967,760</b>	<b>1,084,953,818</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,103
1995	1,259,042
1996	1,408,491
1997	1,325,623
1998	1,206,301
1999	785,510
2000	720,935
2001	969,130
2002	1,108,894
2003	1,161,645
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,791,297
2011	1,667,959
2012	1,859,027
2013	1,484,298
2014	1,852,017
2015	1,653,529
2016	1,886,418
2017	1,452,756
Total	32,157,084

1. Pursuant to the Municipal Water Quality Investigations Agreements executed in 1994, 1997, 2003, 2006, 2008, 2010 and 2014; these costs are included in the annual Statements of Charges under the Transportation Minimum OMP&R component.

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Permanent Table A Transfer Credit<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

State Water Project Repayment Reach	2017 Credit
CA-R1	(13,105)
CA-R2A	(2,352)
CA-R2B	(1,194)
CA-R3	(1,018)
CA-R4	(1,751)
CA-R5	(1,316)
CA-R6	(331)
CA-R7	(1,678)
CA-R8C	(43)
CA-R8D	(754)
CA-R9	(26,149)
CA-R10A	(27,668)
CA-R11B	(44,078)
CA-R12D	(46,156)
CA-R12E	(30,292)
CA-R13B	(69,605)
CA-R14A	(289,364)
CA-R14B	(46,299)
CA-R14C	(40,270)
CA-R15A	(232,043)
CA-R16A	(405,661)
CA-R17E	(1,542,613)
CA-R17F	(382,618)
CA-R18A	(34,291)
CA-R19	(25,018)
CA-R20A	(76)
CA-R20B	(94)
CA-R21	(48)
CA-R22A	(50)
CA-R22B	(41,527)
CA-R29A	(40,016)
CA-R29F	(28,591)
CA-R29G	(92,377)
CA-R29H	(14,881)
CA-R29J	(98,045)
CA-R30	(23,952)
Total	(3,605,324)

<sup>1</sup> This credit is to offset charges incurred when a buying contractor in a permanent Table A transfer requires downstream capacity from a selling contractor.

## FOOTNOTES

### Attachment 4A

- 1/ From Table B-15 of Appendix B to Bulletin 132-16, "Management of the California State Water Project".
- 2/ Payments in 2016 are assumed to be equal to those amounts shown on the Statement of Charges for 2016.

### Attachment 4B

- 1/ From Table B-16 of Appendix B to Bulletin 132-16.
- 2/ Payments in 2016 are assumed to be equal to those amounts shown on the Statement of Charges for 2016.

### Attachment 4C

- 1/ From Table B-5a of Appendix B to Bulletin 132-16.
- 2/ From Table B-18 of Appendix B to Bulletin 132-16.
- 3/ Payments in 2016 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1 + i)^n$ , where "i" equals the current project interest rate of 4.610 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	55	11.92685983	1990	27	3.37657543
1963	54	11.40126167	1991	26	3.22777501
1964	53	10.89882580	1992	25	3.08553198
1965	52	10.41853150	1993	24	2.94955739
1966	51	9.95940302	1994	23	2.81957498
1967	50	9.52050762	1995	22	2.69532070
1968	49	9.10095365	1996	21	2.57654211
1969	48	8.69988878	1997	20	2.46299790
1970	47	8.31649821	1998	19	2.35445742
1971	46	7.95000307	1999	18	2.25070014
1972	45	7.59965880	2000	17	2.15151528
1973	44	7.26475366	2001	16	2.05670135
1974	43	6.94460726	2002	15	1.96606572
1975	42	6.63856922	2003	14	1.87942426
1976	41	6.34601780	2004	13	1.79660096
1977	40	6.06635867	2005	12	1.71742755
1978	39	5.79902367	2006	11	1.64174319
1979	38	5.54346972	2007	10	1.56939412
1980	37	5.29917763	2008	9	1.50023336
1981	36	5.06565111	2009	8	1.43412041
1982	35	4.84241575	2010	7	1.37092095
1983	34	4.62901802	2011	6	1.31050660
1984	33	4.42502439	2012	5	1.25275461
1985	32	4.23002045	2013	4	1.19754767
1986	31	4.04361003	2014	3	1.14477360
1987	30	3.86541442	2015	2	1.09432521
1988	29	3.69507162	2016	1	1.04610000
1989	28	3.53223556	2017	0	1.00000000

- 6/ Derived by adding the sum of items shown in Column (5) to the 2017 calculated component shown in Column (2).

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



July 28, 2016

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
Attn: David Reukema  
The Metropolitan Water District of  
Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revision to your "O" invoice, dated June 30, 2015. This revision contains Off-Aqueduct Power facility charges for calendar year 2016. The revised amount reflects the OAP debt service defeasance and changes in allocations based upon actual charges through July 2016 and projections through the remainder of the 2016 calendar year. The revised payments will be effective as of the August 1, 2016 scheduled payment.

If you have any questions or concerns regarding this revised Off-Aqueduct Statement of Charges for 2016, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Louie-Tom".

Karen Louie-Tom, Acting Division Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)



Ms. Jaime Dalida  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
 OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2016

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 16-013-O-REVISED

Date: July 27, 2016

Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$415,358	\$103,840	\$2,630	\$307,245	\$829,073
February 1	415,358	103,840	2,630	307,244	829,072
March 1	415,357	103,840	2,630	307,244	829,071
April 1	415,357	103,840	2,630	307,244	829,071
May 1	415,357	103,839	2,630	307,244	829,070
June 1	415,357	103,839	2,630	307,244	829,070
July 1	415,357	103,839	2,630	307,244	829,070
August 1	0	0	12,244	66,176	78,420
September 1	0	0	12,243	66,176	78,419
October 1	0	0	12,243	66,176	78,419
November 1	0	0	12,243	66,175	78,418
December 1	0	0	12,243	66,175	78,418
<b>Total:</b>	<b>\$2,907,501</b>	<b>\$726,877</b>	<b>\$79,626</b>	<b>\$2,481,587</b>	<b>\$6,195,591</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

Over collection of 2016 Debt Service and Cover will be refunded 3,074,114  
 Prior Year Cover will be refunded through the normal process

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 9, 2017

Mr. Devendra N. Upadhyay  
Group Manager  
Water Resource Management Group  
Attn: Mr. David Reukema  
The Metropolitan Water District  
of Southern California  
700 North Alameda Street  
Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

Enclosed is a revision to your "O" invoice, dated June 30, 2016. This revision contains Off-Aqueduct Power facility charges for calendar year 2017. The revised amount reflects changes in allocations based upon updated projections through the remainder of the 2017 calendar year. The revised payments will be effective as of the July 1, 2017 scheduled payment.

If you have any questions or concerns regarding this revised Off-Aqueduct Statement of Charges for 2017, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,

A handwritten signature in black ink that reads "Vinay Behl".

Vinay Behl, Chief  
Division of Fiscal Services

Enclosure

cc: (See attached list)

Ms. Jaime Dalida, Resource Specialist  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline, Auditor  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 17-013-O-REVISED  
 Date: July 1, 2017  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$0	\$0	\$10,860	\$242,251	\$253,111
February 1	0	0	10,860	242,250	253,110
March 1	0	0	10,860	242,250	253,110
April 1	0	0	10,860	242,250	253,110
May 1	0	0	10,860	242,250	253,110
June 1	0	0	10,860	242,250	253,110
July 1	0	0	2,845	232,796	235,641
August 1	0	0	2,845	232,797	235,642
September 1	0	0	2,845	232,797	235,642
October 1	0	0	2,845	232,797	235,642
November 1	0	0	2,845	232,797	235,642
December 1	0	0	2,845	232,796	235,641
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$82,230</b>	<b>\$2,850,281</b>	<b>\$2,932,511</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
 SACRAMENTO, CA 94236-0001  
 (916) 653-5791



July 1, 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Dear Mr. Upadhyay:

This is the Statement of Charges referred to in Article 29 of your agency's contract for a water supply from the State Water Project and Articles 17 and 22 of your Devil Canyon-Castaic Contract, for payments which will be due in calendar year 2018.

Accompanying this statement are the attachments containing the supporting data used in determining the following charges:

Invoice No. 18-014-T, Attachment 1:

Water System Revenue Bond Surcharge		\$43,719,334
Capital Cost Component		
Delta Water Charge	\$43,390,543	
Less Rate Management Credit Under Monterey Amendment	6,145,141	
		37,245,402
Transportation Charge	61,492,905	
Less Rate Management Credit Under Monterey Amendment	10,590,096	
Less Permanent Table A Transfer Credit	3,519,062	
		47,383,747
Minimum Operation, Maintenance, Power and Replacement Component		
Delta Water Charge		89,402,263
Transportation Charge		125,706,979
		<u>215,109,242</u>
Total for Invoice No. 18-014-T		<u>\$343,457,725</u>

Devil Canyon-Castaic Contract Charges, Invoice No. 18-002-DCC, Attachment 1A:

Article 17 (a)		
Debt Service		\$7,830,263
Article 17 (b)		
Operation and Maintenance		10,986,761
		<u>18,817,024</u>
Total for Invoice No. 18-002-DCC		<u>\$18,817,024</u>

(See reconciliation of charges between contracts per Attachment 1B)

Based on scheduled deliveries from Table A, the variable OMP&R component unit rates for the Transportation Charge are calculated on Attachment 5 for pumping water deliveries from the Delta.

The estimated charges for 2018 are:

Variable Operation, Maintenance, Power and Replacement Component		
Transportation Charge		\$144,574,594

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2017  
Page 2

In accordance with Article 28, adjustments for overpayments and underpayments of prior Transportation Charges are accumulated with interest, at the project interest rate of 4.610 percent, and are applied against the payments to be made in 2018. The adjustment of the variable OMP&R component of the Transportation Charges will be applied equally each month to the actual metered water delivery billings.

The 2018 Off-Aqueduct Facility charge, Invoice No. 18-013-O, Attachment 1-1 is:

Minimum Operation, Maintenance, Power and Replacement Component	
Off-Aqueduct Power Facilities	\$2,620,002

The 2018 Replacement Account System Charge for Conservation Facilities, Invoice No. 18-014-U, Attachment 1-2 is:

Conservation Replacement Account System Charge	\$0
--	-----

The 2018 East Branch Enlargement Facilities Transportation Charge, Invoice No. 18-004-E,

Capital Cost Component	\$30,262,000
Minimum Operation, Maintenance, Power and Replacement Component	<u>6,055,189</u>
Total East Branch Enlargement Facilities	<u>\$36,317,189</u>

The 2018 Tehachapi Second Afterbay Facilities Transportation Charge, Invoice No. 18-007-TAB,

Capital Cost Component	
Tehachapi Second Afterbay Facilities	\$4,827,922

Enclosed is Attachment 8 which shows the charges under the executed agreement for Municipal Water Quality Investigations (MWQI). The MWQI charges are included in the annual Statement of Charges under the Transportation Minimum OMP&R component.

The Transportation Capital charge shown on Attachment 1 and 1C (for M&I contractors) or 1D (for AG contractors) includes a credit for calendar year 2018 that resulted from permanent Table A sales. Attachment 11 summarizes the credit by the State Water Project repayment reach that your agency participates in.

The Transportation Minimum charge in Attachment 4B includes a line item charge for the 2016 Oakdale Irrigation District/South San Joaquin Irrigation District Fall Flow Release Purchase that was unplanned and unrecovered, yet invoiced in 2017. The 2015 and Spring 2016 Flow Release Purchases were previously recovered in the 2017 Statement of Charges. These conservation costs were requested by the State Water Project Contractors to be recovered under Transportation Minimum rather than recovered over time through the Delta Water Rate.

The Transportation and Conservation Capital charges include the reduction for the projected 2018 Rate Management Credit under the Monterey Agreement. An adjustment to the Rate Management Credits for urban contractors previously provided in calendar years 2015-2017 is included in the total Urban Rate Reduction Credit and is detailed on Attachment 1C. This is the result of updated Bulletin 132-14 total transportation costs required by Article 51(f) of the Water Supply Contract.

Mr. Devendra N. Upadhyay, Group Manager  
July 1, 2017  
Page 3

If you have any questions concerning these charges, please contact Rachel Corbett, Chief of the Water Project Bill Processing and Analysis Office at (916) 653-6892.

Sincerely,



Vinay Narjit Singh Behl, Chief  
Division of Fiscal Services

Enclosures  
Overnight Mail

cc: (See attached list)



Ms. Jaime Dalida, Resource Specialist  
The Metropolitan Water District of Southern California  
1121 L Street, Suite 900  
Sacramento, California 95814

Ms. Ingrid Sheipline, Auditor  
Richardson and Company, LLP  
550 Howe Avenue, Suite 210  
Sacramento, California 95825-8339

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CAPITAL AND MINIMUM O.M.P.&R. COMPONENT  
 CHARGES FOR A WATER SUPPLY  
 IN 2018

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 18-014-T

Date: June 30, 2017

Contract No: 160157

[in dollars]

Due on or Before	Water System Revenue Bond		Capital Cost Component C/		Minimum O.M.P.&R. Component		Total Payment Due
	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	
January 1	\$ 12,049,131	\$ 9,810,536	\$ 18,622,701	\$ 23,691,874	\$ 7,450,189	\$ 10,475,582	\$ 82,100,013
February 1					7,450,189	10,475,582	17,925,771
March 1					7,450,189	10,475,582	17,925,771
April 1					7,450,189	10,475,582	17,925,771
May 1					7,450,189	10,475,582	17,925,771
June 1					7,450,189	10,475,582	17,925,771
July 1	12,049,131	9,810,536	18,622,701	23,691,873	7,450,189	10,475,582	82,100,012
August 1					7,450,188	10,475,581	17,925,769
September 1					7,450,188	10,475,581	17,925,769
October 1					7,450,188	10,475,581	17,925,769
November 1					7,450,188	10,475,581	17,925,769
December 1					7,450,188	10,475,581	17,925,769
<b>Total:</b>	<b>\$ 24,098,262</b>	<b>\$ 19,621,072</b>	<b>\$ 37,245,402</b>	<b>\$ 47,383,747</b>	<b>\$ 89,402,263</b>	<b>\$ 125,706,979</b>	<b>\$ 343,457,725</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

- A/ 1,911,500 acre feet @ \$22.69973460
- B/ 1,911,500 acre feet @ \$46.77073652
- C/ Charges under the Capital Cost Component have been reduced by:
  - Urban Rate Reduction Credit (\$16,735,237)
  - Agricultural Rate Reduction Credit \$0
- D/ Permanent Table A Transfer Credit (\$3,519,062)

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CHARGES UNDER THE  
 DEVIL CANYON-CASTAIC CONTRACT  
 IN 2018

Invoice No: 18-002-DCC

Date: June 30, 2017

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Contract Number: 160157

[in dollars]

Due on or Before	Debt Service on Bonds A/	O.M.P.&R. Component B/		Total Payment Due
		Devil Canyon Facilities	Castaic Facilities	
January 1	\$ 3,915,132	\$ 441,250	\$ 474,314	\$ 4,830,696
February 1		441,250	474,314	915,564
March 1		441,250	474,314	915,564
April 1		441,250	474,314	915,564
May 1		441,250	474,314	915,564
June 1		441,250	474,314	915,564
July 1	3,915,131	441,250	474,314	4,830,695
August 1		441,250	474,313	915,563
September 1		441,250	474,313	915,563
October 1		441,250	474,313	915,563
November 1		441,249	474,313	915,562
December 1		441,249	474,313	915,562
<b>Total:</b>	<b>\$ 7,830,263</b>	<b>\$ 5,294,998</b>	<b>\$ 5,691,763</b>	<b>\$ 18,817,024</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

A/ Article 17(a)

B/ Article 17(b)

State of California  
California Natural Resources Agency  
Department of Water Resources

RECONCILIATION OF PAYMENTS DUE UNDER DEVIL CANYON-  
CASTAIC CONTRACT A/ AND WATER SUPPLY CONTRACT IN 2018  
FOR  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Water Supply Contract Charges	Water Supply Contract Payments If Devil Canyon-Castaic Cost Were Reimbursable Thereunder	Payments Due Under The Devil Canyon-Castaic Contract and the Water Supply Contract
WATER SYSTEM REVENUE BOND SURCHARGE	\$43,719,334	\$43,719,334
CAPITAL COST COMPONENT:		
Delta Water Charge	\$43,390,543	\$43,390,543
Less Urban Rate Reduction Credit	6,145,141	37,245,402
Transportation Charge	69,323,168	69,323,168
Less Payments made under Article 17(a) of Devil Canyon-Castaic Contract		7,830,263
Less Urban Rate Reduction Credit	10,590,096	10,590,096
Less Permanent Table A Transfer Credit	3,519,062	55,214,010
		3,519,062
		47,383,747
MINIMUM OMP&R COMPONENT:		
Delta Water Charge	89,402,263	89,402,263
Transportation Charge	136,693,740	136,693,740
Less Payments made under Article 17(b) of Devil Canyon-Castaic Contract		10,986,761
		125,706,979
Subtotal:		\$343,457,725
<u>DEVIL CANYON-CASTAIC CONTRACT CHARGES</u>		
DEBT SERVICE		\$7,830,263
OPERATION AND MAINTENANCE		10,986,761
Subtotal:		\$18,817,024
<b>Total charges for Calendar Year 2018:</b>	<b>\$362,274,749</b>	<b>\$362,274,749</b>

A/ In compliance with Article 22.

Attachment 1B  
June 30, 2017

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project

Adjustment of Capital Cost Component  
Under Article 41, 51 and 53 of the Water Supply Contract

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2018

Capital Cost Component (1)	Water Supply Contract Charges A/ (2)	Urban Rate Reduction Credit B/ (3)	Permanent Table A Transfer Credit C/ (4)	Adjusted Charges (5)
Delta Water Charge	\$43,390,543	(\$6,145,141)	\$0	\$37,245,402
Transportation Charge	61,492,905	(10,590,096)	(3,519,062)	47,383,747
Total	<u>\$104,883,448</u>	<u>(\$16,735,237)</u>	<u>(\$3,519,062)</u>	<u>\$84,629,149</u>

Urban Rate Reduction Credit Breakdown	Urban Rate Reduction Transportation Capital	Urban Rate Reduction Conservation Capital	Total Urban Rate Reduction
2015 Adjustment D/	\$622,502		\$622,502
2016 Adjustment D/	595,069		595,069
2017 Adjustment D/	568,846		568,846
2018	(12,376,513)	(\$6,145,141)	(18,521,654)
Total	<u>(\$10,590,096)</u>	<u>(\$6,145,141)</u>	<u>(\$16,735,237)</u>

A/ The charges in column 2 are the payments to be credited for purposes of calculating future charges under the Water Supply Contract.

B/ The Urban Rate Reduction credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

C/ The Permanent Table A Transfer Credit will be redetermined each year and does not affect the calculation of future charges under the Water Supply Contract.

D/ The 2015-2017 adjustments to the Urban Rate Reduction Credit is the result of updated Bulletin 132-14 total transportation costs required by Article 51(f) of the Water Supply Contract.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

OFF-AQUEDUCT POWER FACILITIES  
 MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2018

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 18-013-O  
 Date: June 30, 2017  
 Contract No: 160157

[in dollars]

Due on or Before	Debt Service	Cover	Maintenance	RG4 Separation	Amount
January 1	\$0	\$0	\$10,353	\$207,981	\$218,334
February 1	0	0	10,353	207,981	218,334
March 1	0	0	10,353	207,981	218,334
April 1	0	0	10,353	207,981	218,334
May 1	0	0	10,353	207,981	218,334
June 1	0	0	10,353	207,981	218,334
July 1	0	0	10,353	207,980	218,333
August 1	0	0	10,353	207,980	218,333
September 1	0	0	10,353	207,980	218,333
October 1	0	0	10,353	207,980	218,333
November 1	0	0	10,353	207,980	218,333
December 1	0	0	10,353	207,980	218,333
<b>Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$124,236</b>	<b>\$2,495,766</b>	<b>\$2,620,002</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES  
Post Office Box 942836  
Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2018

Mr. Devendra N. Upadhyay, Group Manager  
Water Resource Management Group  
The Metropolitan Water District of Southern California  
Attn: Mr. David Reukema  
700 North Alameda Street  
Los Angeles, California 90012-2944

Invoice No: 18-014-U

Date: June 30, 2017

Contract No: 160157

[in dollars]

---

<u>Due on or Before</u>	<u>Amount Due</u>
January 1	\$0
February 1	0
March 1	0
April 1	0
May 1	0
June 1	0
July 1	0
August 1	0
September 1	0
October 1	0
November 1	0
December 1	0
Total:	<u>\$0</u>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.

State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

EAST BRANCH ENLARGEMENT FACILITIES  
 CAPITAL AND MINIMUM OMP&R COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2018

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 18-004-E

Date: June 30, 2017

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component			Minimum OMP&R Component	Total Payment Due
	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge		
January 1				\$ 504,600	\$ 504,600
February 1				504,599	504,599
March 1	\$ 3,392,097	\$ 3,026,208	\$ 535,482	504,599	7,458,386
April 1				504,599	504,599
May 1				504,599	504,599
June 1				504,599	504,599
July 1				504,599	504,599
August 1				504,599	504,599
September 1	17,571,358	3,026,207	2,710,648	504,599	23,812,812
October 1				504,599	504,599
November 1				504,599	504,599
December 1				504,599	504,599
<b>Total:</b>	<b>\$ 20,963,455</b>	<b>\$ 6,052,415</b>	<b>\$ 3,246,130</b>	<b>\$ 6,055,189</b>	<b>\$ 36,317,189</b>

TERMS: As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days.



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES  
 Post Office Box 942836  
 Sacramento, California 94236-0001

STATE WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TEHACHAPI SECOND AFTERBAY FACILITIES  
 CAPITAL COMPONENT OF THE TRANSPORTATION CHARGE  
 IN 2018

Mr. Devendra N. Upadhyay, Group Manager  
 Water Resource Management Group  
 The Metropolitan Water District of Southern California  
 Attn: Mr. David Reukema  
 700 North Alameda Street  
 Los Angeles, California 90012-2944

Invoice No: 18-007-TAB

Date: June 30, 2017

Contract No: 160157

[in dollars]

Due on or Before	Capital Cost Component		Total Payment Due
	Tehachapi Second Afterbay Debt Service Charge	25 Percentage Bond Cover Charge	
January 1			
February 1			
March 1	\$ 1,931,170	\$ 482,791	\$ 2,413,961
April 1			
May 1			
June 1			
July 1			
August 1			
September 1	1,931,170	482,791	2,413,961
October 1			
November 1			
December 1			
<b>Total:</b>	<b>\$ 3,862,340</b>	<b>\$ 965,582</b>	<b>\$ 4,827,922</b>

**TERMS:** As provided under Article 32 (b) of the contract, interest shall accrue at the Pooled Money Investment Fund Rate per month on delinquency payment if the delinquency continues for more than 30 days

TABLES A, C, D, E, F, AND G  
OF THE  
WATER SUPPLY CONTRACT  
BETWEEN  
THE STATE OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(In dollars except where otherwise noted)

CALENDAR YEAR	ANNUAL ENTITLEMENTS In-acre-feet (TABLE A)	PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES (Table C)	TRANSPORTATION CHARGE						DELTA WATER CHARGES	WATER SYSTEM REVENUE BOND SURCHARGE	OFF-AQUEDUCT POWER FACILITIES	TOTAL PAYMENT
			CAPITAL COST COMPONENT (Table D)			MINIMUM OMP&R COMPONENT (Tables E & G)	ESTIMATED VARIABLE OMP&R COMPONENT (Tables F & G)	TOTAL TRANSPORTATION PAYMENT (Table G)				
			ANNUAL PAYMENT OF PRINCIPAL	ANNUAL INTEREST PAYMENT	TOTAL ANNUAL PAYMENT (Table G)							
1960	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	0	0	0	
1962	0	12,185,418	0	0	0	0	0	0	0	0	0	
1963	0	10,092,764	65,929	1,275,315	1,341,244	0	1,341,244	0	0	0	1,341,244	
1964	0	17,056,137	123,576	1,182,376	1,305,950	0	1,305,950	0	0	0	1,305,950	
1965	0	31,951,962	221,564	400,162	701,706	0	701,706	0	0	0	701,706	
1966	0	70,547,174	404,642	3,938,242	4,340,884	0	4,340,884	0	0	0	4,340,884	
1967	0	124,895,713	804,990	4,850,311	5,655,301	0	5,655,301	0	0	0	5,655,301	
1968	0	139,828,172	1,619,387	12,598,169	14,116,546	1,711,591	16,828,107	0	0	0	16,828,107	
1969	0	130,799,064	2,344,921	20,093,018	22,407,937	1,314,941	23,722,878	0	0	0	23,722,878	
1970	0	160,212,228	3,160,707	27,337,321	30,498,028	2,041,108	32,539,136	0	0	0	32,539,136	
1971	0	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	32,674,388	0	0	0	32,674,388	
1972	154,772	28,803,650	4,933,190	37,904,125	42,837,315	7,857,023	50,694,338	2,043,211	0	0	53,478,208	
1973	354,800	37,374,984	5,316,452	46,352,949	51,669,401	8,934,684	60,604,085	2,317,993	0	0	64,202,210	
1974	454,800	16,707,208	5,763,757	47,787,959	53,551,716	7,472,377	61,024,093	4,231,933	0	0	67,009,085	
1975	655,200	14,881,381	6,119,880	44,068,887	50,188,747	12,985,038	63,173,785	5,073,286	0	0	72,398,313	
1976	656,800	12,035,618	6,481,418	43,825,644	50,307,069	16,659,800	66,966,869	6,422,187	0	0	77,338,450	
1977	755,900	11,067,905	6,845,330	43,815,744	50,661,074	15,445,746	66,106,820	7,104,278	0	0	72,979,392	
1978	856,300	15,187,898	7,220,783	44,308,381	51,529,164	12,906,948	64,436,112	9,016,389	0	0	81,302,690	
1979	956,800	27,165,745	7,835,833	44,709,391	52,545,224	27,062,669	79,607,893	10,835,152	0	0	86,371,248	
1980	1,057,000	57,170,819	8,134,825	45,780,110	53,914,935	21,561,704	75,476,639	13,102,706	0	0	97,350,246	
1981	1,157,300	15,797,979	8,819,161	88,430,844	75,249,805	14,924,917	90,174,722	20,910,989	0	0	119,764,197	
1982	1,257,600	29,493,801	9,311,193	28,876,671	38,187,869	38,966,205	77,154,074	84,335,186	23,998,566	0	108,333,746	
1983	1,358,000	23,110,146	9,900,919	50,917,073	60,817,092	49,334,929	110,152,021	17,203,307	0	12,791,358	134,163,670	
1984	1,458,300	14,829,360	10,481,447	72,953,999	83,435,446	45,517,432	128,952,878	18,766,454	0	39,229,687	179,054,063	
1985	1,558,700	9,104,111	11,044,875	52,261,809	63,296,684	56,783,089	119,979,778	22,050,970	0	77,446,523	212,778,172	
1986	1,659,300	7,329,614	11,603,828	50,282,665	61,886,491	30,809,854	92,696,345	26,089,568	0	77,581,287	202,054,631	
1987	1,759,800	6,204,065	12,180,234	50,899,921	63,080,155	51,359,847	114,439,002	26,095,043	0	68,938,195	217,409,919	
1988	1,860,400	6,203,647	12,778,919	51,394,460	64,163,379	50,654,835	114,818,214	28,781,238	2,842,364	79,936,309	217,409,919	
1989	1,961,000	11,407,116	13,807,169	51,690,199	65,087,315	69,131,749	134,218,064	32,505,376	4,587,641	68,311,548	234,271,669	
1990	2,011,500	16,019,168	14,139,887	61,143,869	65,283,566	47,212,462	204,000,472	33,618,369	4,037,980	83,964,409	258,205,248	
1991	2,011,500	18,859,032	14,903,424	61,228,573	65,131,987	59,177,025	204,684,087	35,678,185	6,259,893	54,214,229	242,005,416	
1992	2,011,500	15,184,149	16,729,249	61,029,318	63,768,567	72,160,742	144,638,492	40,763,329	8,435,312	72,401,054	245,880,512	
1993	2,011,500	25,797,108	16,603,139	48,114,082	61,717,201	62,491,809	128,218,009	40,859,579	8,986,273	56,312,615	186,723,969	
1994	2,011,500	14,175,265	17,579,466	48,372,500	65,951,956	72,700,847	140,248,885	39,158,173	8,926,765	72,838,821	269,823,237	
1995	2,011,500	14,182,954	18,512,107	49,058,384	67,571,491	65,023,889	124,547,596	40,539,480	10,539,480	40,862,813	217,053,513	
1996	2,011,500	19,471,116	19,494,566	48,034,823	67,659,395	88,266,146	143,949,522	41,195,923	12,810,359	36,536,259	234,492,063	
1997	2,011,500	22,059,264	20,682,904	48,820,519	69,403,422	82,862,153	164,741,009	45,548,810	13,168,230	37,121,379	246,309,428	
1998	2,011,500	10,082,044	21,654,134	49,222,302	70,878,436	77,734,742	148,613,182	45,855,982	12,682,268	30,341,509	229,363,582	
1999	2,011,500	8,103,222	22,760,285	49,238,510	71,998,795	94,938,980	166,937,164	47,422,430	17,454,691	42,267,590	265,635,262	
2000	2,011,500	4,735,560	23,901,416	48,026,280	71,928,676	103,431,917	39,586,478	48,169,576	19,905,800	43,977,877	326,900,324	
2001	2,011,500	2,616,653	25,069,087	47,828,901	72,888,888	61,532,014	94,286,088	228,507,090	48,180,135	19,490,499	49,405,276	
2002	2,011,500	5,241,410	26,248,584	46,746,615	72,998,199	86,214,191	88,188,773	229,396,163	48,898,394	20,091,004	45,412,974	
2003	2,011,500	4,242,014	27,529,162	44,566,330	72,085,622	113,391,880	83,663,491	269,130,890	47,069,379	41,917,356	379,838,028	
2004	2,011,500	3,482,645	28,858,831	43,376,681	72,235,512	77,477,460	92,165,160	241,878,132	47,414,032	20,941,743	58,678,035	
2005	1,911,500	6,130,204	36,471,993	66,713,059	112,260,050	58,088,434	160,348,484	19,770,593	49,248,383	16,770,579	368,909,942	
2006	1,911,500	11,665,893	31,734,753	33,236,895	64,971,648	93,620,114	116,993,589	264,585,321	47,418,073	56,220,579	362,299,680	
2007	1,911,500	9,609,400	33,997,274	31,987,839	65,985,113	76,223,977	174,432,589	318,041,679	62,120,469	60,701,338	393,032,957	
2008	1,911,500	10,367,132	35,111,823	32,306,638	67,418,461	117,915,033	88,579,762	365,913,246	63,315,217	19,303,204	442,269,688	
2009	1,911,500	18,555,281	36,931,577	30,503,121	67,434,698	113,674,304	172,182,125	253,291,127	68,266,144	21,153,536	517,297,980	
2010	1,911,500	15,477,179	39,018,082	29,388,493	69,408,585	126,045,953	82,902,324	277,364,862	72,806,845	20,240,944	88,263,840	
2011	1,911,500	10,521,895	41,158,944	27,633,201	68,792,145	106,471,604	110,349,261	285,813,010	80,142,822	21,890,932	80,381,761	
2012	1,911,500	13,381,990	43,305,176	28,663,709	69,968,885	91,298,178	131,264,463	292,532,066	83,672,946	22,988,017	78,031,474	
2013	1,911,500	21,945,983	45,012,908	25,858,466	70,871,374	123,679,911	86,127,802	280,879,087	88,558,170	23,602,562	49,351,291	
2014	1,911,500	18,201,962	47,164,886	23,785,794	70,950,680	114,718,519	44,278,183	228,947,382	84,040,101	25,718,327	24,242,983	
2015	1,911,500	32,181,195	48,992,865	22,782,466	71,775,331	186,857,029	101,655,175	360,187,535	114,375,290	24,614,514	363,947,873	
2016	1,911,500	47,418,841	50,619,825	22,819,463	73,439,088	186,288,206	167,678,066	407,401,390	136,710,965	24,548,439	513,662,200	
2017	1,911,500	35,100,939	50,933,242	21,859,073	72,792,315	141,023,234	145,864,831	359,880,380	131,657,554	46,538,525	3,292,201	
2018	1,911,500	45,083,017	48,139,474	21,186,694	69,323,168	135,735,328	144,827,196	349,886,692	132,792,806	43,719,334	2,932,511	
2019	1,911,500	57,852,258	44,957,812	21,083,330	66,041,142	177,840,984	155,707,803	399,589,729	132,792,806	49,991,879	540,806,970	
2020	1,911,500	59,964,887	42,818,727	21,695,190	64,511,917	173,905,694	175,628,115	414,131,726	132,792,806	49,008,237	628,017,634	
2021	1,911,500	0	39,914,569	22,509,511	62,424,070	176,735,650	188,936,238	407,095,658	132,792,806	60,212,703	4,808,473	
2022	1,911,500	0	35,812,274	20,736,401	56,548,675	177,493,006	181,460,462	415,601,723	132,792,806	48,818,634	566,982,887	
2023	1,911,500	0	35,979,590	19,102,172	55,081,762	179,267,937	177,417,279	411,766,917	132,792,806	49,301,399	127,218	
2024	1,911,500	0	35,712,984	17,485,268	53,198,252	181,080,616	170,682,226	405,131,031	132,792,806	48,190,144	593,980,340	
2025	1,911,500	0	36,498,756	15,828,534	52,327,290	182,871,220	177,917,042	413,116,562	132,792,806	45,830,845	586,247,199	
2026	1,911,500	0	37,425,104	14,154,462	51,579,566	184,689,934	169,625,098	405,904,598	132,792,806	43,548,112	591,868,421	
2027	1,911,500	0	38,530,441	12,438,149	50,968,590	186,548,932	176,046,908	413,590,430	132,792,806	46,032,588	582,272,734	
2028	1,911,500	0	39,738,669	10,668,319	50,402,900	188,412,403	171,789,180	407,584,483	132,792,806	39,639,311	127,218	
2029	1,911,500	0	40,783,112	8,843,277	49,626,389	190,298,628	175,243,676	416,169,593	132,792,806	41,289,239	592,513,022	
2030	1,911,500	0	41,267,031	6,978,603	48,245,634	192,109,494	170,617,857	411,083,215	132,792,806	40,928,099	579,378,856	
2031	1,911,500	0	40,224,555	5,109,572	45,334,127	194,121,486	187,694,514	427,150,127	132,792,806	30,922,809	127,218	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 UNDER ARTICLE 28

FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2017	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2018	Adjusted Calculated Component, this Statement
(1)	(2)	(3)	(4)	(5)	(6)
1963	690,812	1,341,244	(650,432)	(7,757,607)	
1964	1,260,513	1,305,950	(45,437)	(518,039)	
1965	2,180,589	701,706	1,478,883	16,118,086	
1966	3,900,172	4,340,884	(440,712)	(4,591,574)	
1967	7,693,703	5,655,301	2,038,402	20,301,269	
1968	14,345,147	14,116,546	228,601	2,176,399	
1969	21,857,456	22,407,937	(550,481)	(5,009,899)	
1970	28,992,595	30,498,028	(1,505,433)	(13,097,097)	
1971	37,242,413	29,828,838	7,413,575	61,654,982	
1972	44,062,125	42,837,315	1,224,810	9,737,241	
1973	46,299,581	51,669,401	(5,369,820)	(40,808,802)	
1974	48,322,678	53,551,716	(5,229,038)	(37,987,671)	
1975	49,285,084	50,188,747	(903,663)	(6,275,584)	
1976	50,137,295	50,307,059	(169,764)	(1,126,992)	
1977	50,827,166	50,661,074	166,092	1,054,023	
1978	51,426,581	51,529,164	(102,583)	(622,308)	
1979	52,230,344	52,345,224	(114,880)	(666,190)	
1980	53,637,412	53,914,935	(277,523)	(1,538,439)	
1981	56,667,437	75,249,805	(18,582,368)	(98,471,267)	
1982	57,465,063	38,187,869	19,277,194	97,651,539	
1983	59,037,472	60,817,092	(1,779,620)	(8,617,659)	
1984	60,313,580	83,435,446	(23,121,866)	(107,031,536)	
1985	61,144,629	63,296,684	(2,152,055)	(9,522,896)	
1986	61,666,346	61,886,291	(219,945)	(930,373)	
1987	62,094,710	63,080,185	(985,475)	(3,984,878)	
1988	62,452,912	64,163,379	(1,710,467)	(6,611,663)	
1989	62,796,236	65,087,315	(2,291,079)	(8,465,699)	
1990	63,762,459	65,283,556	(1,521,097)	(5,372,873)	
1991	64,677,355	66,131,997	(1,454,642)	(4,911,709)	
1992	65,776,353	66,758,567	(982,214)	(3,170,367)	
1993	66,905,041	64,717,201	2,187,840	6,750,650	
1994	68,486,622	65,951,956	2,534,666	7,476,144	
1995	69,373,540	67,571,491	1,802,049	5,081,013	
1996	70,251,056	67,559,395	2,691,661	7,254,889	
1997	71,530,953	69,403,422	2,127,531	5,481,674	
1998	72,283,436	70,876,436	1,407,000	3,465,439	
1999	72,917,423	71,998,795	918,628	2,162,871	
2000	73,432,162	71,926,676	1,505,486	3,388,397	
2001	73,741,965	72,688,988	1,052,977	2,265,497	
2002	73,915,736	72,995,199	920,537	1,893,270	
2003	74,256,539	72,085,522	2,171,017	4,268,362	
2004	74,601,782	72,235,512	2,366,270	4,447,226	
2005	68,499,909	66,713,059	1,786,850	3,210,256	
2006	68,876,841	64,971,648	3,905,193	6,706,887	
2007	69,605,880	65,385,113	4,220,767	6,929,416	
2008	70,216,830	67,418,461	2,798,369	4,391,744	
2009	70,888,202	67,434,698	3,453,504	5,181,063	
2010	72,113,606	68,406,585	3,707,021	5,316,314	
2011	73,157,328	68,792,145	4,365,183	5,984,321	
2012	73,882,924	69,968,885	3,914,039	5,129,374	
2013	74,207,499	70,871,374	3,336,125	4,179,346	
2014	75,283,826	70,950,680	4,333,146	5,189,149	
2015	75,771,062	71,775,331	3,995,731	4,574,207	
2016	76,613,208	73,439,088	3,174,120	3,473,519	
2017	76,777,443	72,792,315	3,985,128	4,168,843	
2018	73,290,540				23,262,828
			TOTAL	(50,027,712)	

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM COST COMPONENT  
 UNDER ARTICLE 28  
 FOR THE

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(in dollars)

Year	Calculated Components as of 01/01/2017	Payment Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2018	Adjusted Calculated Component, this Statement
1968	972,734	1,711,561	(738,827)	(7,034,008)	
1969	1,295,607	1,314,941	(19,334)	(175,954)	
1970	1,624,569	2,041,108	(416,539)	(3,623,847)	
1971	2,716,584	2,845,550	(128,966)	(1,072,544)	
1972	8,038,463	7,857,023	181,440	1,442,449	
1973	9,890,316	8,934,684	955,632	7,262,476	
1974	11,581,491	7,472,377	4,109,114	29,851,703	
1975	13,584,548	12,965,036	619,512	4,302,267	
1976	12,862,489	15,656,909	(2,794,420)	(18,550,952)	
1977	16,203,699	15,445,746	757,953	4,809,984	
1978	17,811,770	12,906,948	4,904,822	29,754,409	
1979	16,414,289	27,062,599	(10,648,310)	(61,749,800)	
1980	20,926,898	21,561,704	(634,806)	(3,519,030)	
1981	23,731,024	14,924,917	8,806,107	46,665,127	
1982	27,994,510	36,966,205	(8,971,695)	(45,447,478)	
1983	38,953,367	49,334,929	(10,381,562)	(50,271,840)	
1984	45,597,671	45,517,432	80,239	371,429	
1985	50,064,444	56,783,089	(6,718,645)	(29,730,166)	
1986	52,858,915	30,809,854	22,049,061	93,267,978	
1987	50,737,631	51,359,647	(622,016)	(2,515,190)	
1988	51,262,231	50,654,835	607,396	2,347,838	
1989	52,638,942	69,131,749	(16,492,807)	(60,942,102)	
1990	61,053,824	47,212,462	13,841,362	48,890,951	
1991	60,874,529	59,177,025	1,697,504	5,731,750	
1992	67,460,598	72,160,742	(4,700,144)	(15,171,006)	
1993	68,749,547	62,491,809	6,257,738	19,308,450	
1994	63,898,029	72,700,847	(8,802,818)	(25,964,418)	
1995	68,079,888	65,023,889	3,055,999	8,616,619	
1996	72,757,439	68,296,146	4,461,293	12,024,616	
1997	75,655,465	82,662,153	(7,006,688)	(18,053,025)	
1998	80,540,695	77,734,742	2,805,953	6,911,055	
1999	86,320,578	94,936,960	(8,616,382)	(20,286,905)	
2000	82,505,333	103,431,917	(20,926,584)	(47,099,466)	
2001	92,945,584	61,532,014	31,413,570	67,586,777	
2002	85,413,719	88,214,191	(2,800,472)	(5,759,734)	
2003	82,357,577	113,391,880	(31,034,303)	(61,015,479)	
2004	99,543,042	77,477,460	22,065,582	41,470,590	
2005	74,184,438	58,088,434	16,096,004	28,918,095	
2006	76,279,683	83,620,114	(7,340,431)	(12,606,659)	
2007	105,019,512	76,223,977	28,795,535	47,274,873	
2008	113,265,122	117,915,033	(4,649,911)	(7,297,543)	
2009	99,862,470	113,674,304	(13,811,834)	(20,720,974)	
2010	97,650,826	126,045,953	(28,395,127)	(40,722,032)	
2011	105,453,545	106,471,604	(1,018,059)	(1,395,879)	
2012	118,454,615	91,298,718	27,155,897	35,587,982	
2013	132,625,159	123,679,911	8,945,248	11,206,201	
2014	147,306,939	114,718,519	32,588,420	39,026,186	
2015	131,750,858	186,857,029	(55,106,171)	(63,084,090)	
2016	132,084,834	166,286,206	(34,201,372)	(37,427,423)	
2017	165,972,016	141,023,234	24,948,782	26,098,918	
2018	178,243,949				135,735,328
			Total	(42,508,621)	
Fall 2016 SWP Water Purchase Program					958,412
Net Minimum Charges:					136,693,740

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF VARIABLE COST COMPONENT  
 UNDER ARTICLE 28

FOR

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

(In dollars)

Year (1)	Annual Quantities Delivered or Requested (2)	Calculated Components as of 01/01/2017 (3)	Payments Received (4)	Current Overpayment (-) or Underpayment (5)	Annual Difference Capitalized to 2018 (6)	Adjusted Calculated Component, this Statement (7)
1972	71,938	848,011	738,659	109,352	869,352	
1973	159,883	1,083,328	1,280,232	(196,904)	(1,496,402)	
1974	277,717	1,872,297	1,753,039	119,258	866,379	
1975	526,491	3,887,152	4,163,244	(276,092)	(1,917,350)	
1976	618,451	5,485,263	4,952,315	532,948	3,538,014	
1977	189,755	(796,686)	(231,716)	(564,970)	(3,585,311)	
1978	507,565	3,696,428	7,850,079	(4,153,651)	(25,197,536)	
1979	477,074	4,021,960	(3,971,767)	7,993,727	46,355,814	
1980	531,727	5,362,245	8,770,811	(3,408,566)	(18,895,280)	
1981	795,846	10,862,932	8,679,376	2,183,556	11,571,052	
1982	691,192	7,685,168	9,181,112	(1,495,944)	(7,577,932)	
1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)	(14,533,936)	
1984	457,582	(7,633,741)	(7,893,940)	260,199	1,204,466	
1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(39,609,580)	
1986	708,840	1,135,478	6,687,441	(5,551,963)	(23,484,917)	
1987	712,424	(3,007,097)	7,935,849	(10,942,946)	(44,249,008)	
1988	902,564	(3,407,929)	(8,903,510)	5,495,581	21,242,698	
1989	1,156,698	9,488,536	(5,351,958)	14,840,494	54,836,687	
1990	1,396,423	30,759,725	24,090,472	6,669,253	23,557,374	
1991	391,447	184,870	20,546,087	(20,361,217)	(68,751,184)	
1992	710,313	(9,471,028)	(14,638,492)	5,167,464	16,679,412	
1993	652,190	(21,473,875)	(45,542,508)	24,068,633	74,264,536	
1994	807,866	4,059,683	10,248,885	(6,189,202)	(18,255,405)	
1995	436,042	(4,895,977)	(8,047,784)	3,151,807	8,886,756	
1996	593,380	1,859,275	8,093,981	(6,234,706)	(16,804,532)	
1997	721,810	2,428,729	(1,594,566)	4,023,295	10,366,188	
1998	410,065	(14,593,773)	(8,107,455)	(6,486,318)	(15,975,787)	
1999	852,617	(9,194,693)	(8,535,154)	(659,539)	(1,552,857)	
2000	1,522,412	(14,982,560)	39,588,478	(54,571,038)	(122,823,043)	
2001	970,869	157,946,899	94,286,088	63,660,811	136,967,207	
2002	1,408,919	59,841,457	68,188,773	(8,347,316)	(17,167,936)	
2003	1,649,639	94,319,451	83,653,491	10,665,960	20,969,977	
2004	1,582,735	107,156,248	92,165,160	14,991,088	28,174,615	
2005	1,528,045	113,938,011	112,260,560	1,677,451	3,013,710	
2006	1,512,186	82,413,262	115,993,559	(33,580,297)	(57,671,728)	
2007	1,350,477	137,718,921	174,432,589	(36,713,668)	(60,274,415)	
2008	719,069	83,668,920	68,579,752	15,089,168	23,680,851	
2009	787,605	60,878,165	72,182,125	(11,303,960)	(16,958,578)	
2010	1,150,524	89,834,714	82,902,324	6,932,390	9,941,882	
2011	1,540,663	132,160,509	110,349,261	21,811,248	29,901,497	
2012	1,214,897	108,361,130	131,264,463	(22,903,333)	(30,014,969)	
2013	789,290	108,004,831	86,127,802	21,877,029	27,406,548	
2014	282,130	69,625,931	44,278,183	25,347,748	30,355,136	
2015	441,816	109,096,560	101,555,175	7,541,385	8,633,178	
2016	1,018,252	164,372,403	167,676,086	(3,303,683)	(3,615,303)	
2017	1,310,878	155,324,566	145,864,831	9,459,735	9,895,829	
2018	1,146,900	152,061,027				144,827,196
				TOTAL	(7,233,831)	

State of California  
California Natural Resources Agency  
DEPARTMENT OF WATER RESOURCES

AMORTIZATION OF CAPITAL COST COMPONENT ADJUSTMENT  
FOR PRIOR TRANSPORTATION CHARGES

UNDER AMENDMENT OF WATER CONTRACT  
FOR THE

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

IN 2018

Transportation Charges

Transportation Components	Calculated 1/1/2017	Under "One-Shot" Adjustment	Amortization of "One-Shot" Adjustment (Column 2 minus Column 1)
	(1)	(2)	(3)
Capital Cost Component	73,290,540	23,262,828	(50,027,712)
Capital Cost Component difference to be amortized			(50,027,712)
Divided by remaining water deliveries 1/			24,103,613 *
Unit rate for amortizing difference 2/			(2.075528)
Unit rate applied to 2018 deliveries of		1,911,500 acre feet	(3,967,372)
Plus calculated 2018 Capital Cost Component			<u>73,290,540</u>
Adjusted Capital Cost Component			<u><u>69,323,168</u></u>

1/ Reduced to present worth at 4.610%

2/ Per acre-foot of remaining deliveries.

\* Acre-feet

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF CAPITAL COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

**METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

[in dollars]

Calendar Year	Calculated Component as of 01/01/2017	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2018	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1988	8,552,529	8,556,172	(3,643)	(10,935)	
1989	8,978,504	8,991,417	(12,913)	(35,843)	
1990	8,983,597	9,020,145	(36,548)	(93,183)	
1991	8,983,717	9,009,739	(26,022)	(61,187)	
1992	17,989,315	18,053,820	(64,505)	(141,464)	
1993	18,742,682	18,754,578	(11,896)	(24,791)	
1994	18,591,099	18,705,728	(114,629)	(228,602)	
1995	18,556,603	16,729,731	1,826,872	3,477,850	
1996	18,647,406	20,262,394	(1,614,988)	(2,904,675)	
1997	19,545,322	19,141,671	403,651	687,438	
1998	19,966,108	19,092,267	873,841	1,408,715	
1999	20,947,475	20,301,335	646,140	986,289	
2000	22,957,586	17,085,146	5,872,440	8,517,641	
2001	22,965,748	31,847,016	(8,881,268)	(12,107,273)	
2002	22,425,318	22,276,589	148,729	193,345	
2003	19,087,337	22,768,985	(3,681,648)	(4,662,103)	
2004	20,695,237	19,038,306	1,656,931	2,062,505	
2005	15,518,826	17,204,043	(1,685,217)	(2,063,827)	
2006	21,996,926	17,589,839	4,407,087	5,239,650	
2007	21,205,488	20,041,387	1,164,101	1,322,545	
2008	19,895,328	21,870,151	(1,974,823)	(2,133,726)	
2009	20,447,424	20,084,800	362,624	379,852	
2010	20,995,084	20,584,992	410,092	424,377	
2011	20,222,785	21,198,361	(975,576)	(1,004,363)	
2012	20,463,459	21,513,121	(1,049,662)	(1,075,947)	
2013	17,634,660	16,714,447	920,213	939,966	
2014	18,722,067	18,442,404	279,663	284,941	
2015	20,902,785	20,213,303	689,482	700,860	
2016	20,886,144	20,986,750	(100,606)	(101,956)	
2017	31,012,447	30,994,026	18,421	18,562	
2018	30,267,339 *				30,262,000
				(5,339)	

\* Included in the 2018 calculated component is \$6,052,415 for East Branch Enlargement Bond Cover and \$3,246,130 for Devil Canyon Second Afterbay Debt Service.

STATE OF CALIFORNIA  
 CALIFORNIA NATURAL RESOURCES AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 STATE WATER PROJECT  
 ADJUSTMENTS OF MINIMUM OMP&R COST COMPONENT  
 OF EAST BRANCH ENLARGEMENT TRANSPORTATION CHARGES  
 AT THE SURPLUS MONEY INVESTMENT FUND RATE  
 FOR THE

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

[in dollars]

Calendar Year	Calculated Component as of 01/01/2017	Payments Received	Current Overpayment (-) or Underpayment	Annual Difference Capitalized to 2018	Adjusted Component, this Statement
	[1]	[2]	[3]	[4]	[5]
1991	0	86,529	(86,529)	(203,462)	
1992	0	339,060	(339,060)	(743,585)	
1993	0	(68,950)	68,950	143,690	
1994	2,174,776	(213,745)	2,388,521	4,763,376	
1995	1,895,643	2,839,696	(944,053)	(1,797,211)	
1996	1,990,213	2,810,767	(820,554)	(1,475,827)	
1997	2,642,077	1,296,887	1,345,190	2,290,925	
1998	2,915,152	1,850,818	1,064,334	1,715,808	
1999	1,599,082	3,847,978	(2,248,896)	(3,432,787)	
2000	2,763,211	2,949,526	(186,315)	(270,240)	
2001	2,122,384	13,032,437	(10,910,053)	(14,872,987)	
2002	2,713,180	(5,934,164)	8,647,344	11,241,374	
2003	3,160,993	1,352,030	1,808,963	2,290,706	
2004	3,410,984	3,040,705	370,279	460,914	
2005	3,162,111	2,605,075	557,036	682,182	
2006	3,341,361	4,317,052	(975,691)	(1,160,013)	
2007	4,383,768	4,321,833	61,935	70,365	
2008	4,624,669	3,665,831	958,838	1,035,991	
2009	4,848,508	7,003,623	(2,155,115)	(2,257,504)	
2010	4,513,106	4,362,778	150,328	155,564	
2011	4,656,853	8,607,829	(3,950,976)	(4,067,561)	
2012	4,365,409	6,041,609	(1,676,200)	(1,718,175)	
2013	4,983,174	5,698,589	(715,415)	(730,772)	
2014	6,125,537	4,290,132	1,835,405	1,870,044	
2015	7,145,846	2,139,332	5,006,514	5,089,132	
2016	7,188,204	5,427,771	1,760,433	1,784,056	
2017	6,806,907	8,704,128	(1,897,221)	(1,911,811)	
2018	7,102,997	0	0	0	6,055,189
				(1,047,808)	



State of California  
 California Natural Resources Agency  
 DEPARTMENT OF WATER RESOURCES

State Water Resources Development System

ESTIMATED VARIABLE O.M.P.R. COMPONENT  
 CHARGES FOR WATER DELIVERIES DURING

Calendar Year 2018  
 For

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

<u>WATER DELIVERIES</u>	<u>VARIABLE O.M.P.&amp;R. COMPONENT TRANSPORTATION CHARGE</u>		
<u>DESCRIPTION</u> (1)	<u>ACRE-FEET</u> (2)	<u>UNIT CHARGE 1/</u> (3)	<u>AMOUNT</u> (4)
Reach 3A	254,657	15.2720498	3,889,134
Reach 12E	0	0.0000000	0
East Branch Reach 26A, 28H and 28J VEBX-R1	523,042 0	164.3277829 0.0000000	85,950,332 0
West Branch Reach 30	369,201	168.5303144	62,221,561
		Sub total	152,061,027
			Net adjustment per redetermination of pre-2018 charges 2/ (7,233,831)
			Estimated Year 2018 Replacement Accounting System (RAS) Charges 2/ 3,292,326
			Prior years RAS over and under adjustments 2/ (3,544,928)
			Total Estimated 2018 Charges 144,574,594

1/ Derived by dividing column (4) by column (2).

2/ Will be applied 1/12 monthly to the actual 2018 water delivery billings.

**East Branch Enlargement Facilities**  
**Transportation Charge for**  
**The Metropolitan Water District of Southern California**  
(in dollars)

Year	Capital Component	Minimum OMP&R Component	Total East Branch Enlargement Transportation Charge
	[1]	[2]	[3]
1986	0	0	0
1987	0	0	0
1988	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,417
1990	9,020,145	0	9,020,145
1991	9,009,739	86,529	9,096,268
1992	18,053,820	339,060	18,392,880
1993	18,754,578	(68,950)	18,685,628
1994	18,705,728	(213,745)	18,491,983
1995	16,729,731	2,839,696	19,569,427
1996	20,262,394	2,810,767	23,073,161
1997	19,141,671	1,296,887	20,438,558
1998	19,092,267	1,850,818	20,943,085
1999	20,301,335	3,847,978	24,149,313
2000	17,085,146	2,949,526	20,034,672
2001	31,847,016	13,032,437	44,879,453
2002	22,276,589	(5,934,164)	16,342,425
2003	22,768,985	1,352,030	24,121,015
2004	19,038,306	3,040,705	22,079,011
2005	17,204,043	2,605,075	19,809,118
2006	17,589,839	4,317,052	21,906,891
2007	20,041,387	4,321,833	24,363,220
2008	21,870,151	3,665,831	25,535,982
2009	20,084,800	7,003,623	27,088,423
2010	20,584,992	4,362,778	24,947,770
2011	21,198,361	8,607,829	29,806,190
2012	21,513,121	6,041,609	27,554,730
2013	16,714,447	5,698,589	22,413,036
2014	18,442,404	4,290,132	22,732,536
2015	20,213,303	2,139,332	22,352,635
2016	20,986,750	5,427,771	26,414,521
2017	30,994,026	8,704,128	39,698,154
2018	30,262,000	6,055,189	36,317,189
2019	30,339,849	7,622,442	37,962,291
2020	29,589,307	7,622,442	37,211,749
2021	30,243,747	7,622,442	37,866,189
2022	29,132,341	7,622,442	36,754,783
2023	23,878,747	7,622,442	31,501,189
2024	25,085,485	7,622,442	32,707,927
2025	28,545,334	7,622,442	36,167,776
2026	11,205,843	7,622,442	18,828,285
2027	11,431,309	7,622,442	19,053,751
2028	7,437,405	7,622,442	15,059,847
2029	7,771,989	7,622,442	15,394,431
2030	1,554,155	7,622,442	9,176,597
2031	1,548,678	7,622,442	9,171,120
2032	1,551,790	7,622,442	9,174,232
2033	1,549,876	7,622,442	9,172,318
2034	1,552,251	7,622,442	9,174,693
2035	1,553,008	7,622,442	9,175,450
<b>Total</b>	<b>841,305,777</b>	<b>230,051,859</b>	<b>1,071,357,636</b>

State of California  
 California Natural Resources Agency  
 Department of Water Resources  
 State Water Project  
 Municipal Water Quality Investigations Costs<sup>1</sup>  
 for  
 THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

Year	Charges
1994	943,103
1995	1,259,042
1996	1,408,491
1997	1,325,623
1998	1,206,301
1999	785,510
2000	720,935
2001	969,130
2002	1,108,894
2003	1,161,645
2004	1,272,803
2005	538,365
2006	1,035,985
2007	1,558,195
2008	1,929,498
2009	1,286,263
2010	1,791,297
2011	1,667,959
2012	1,859,027
2013	1,484,298
2014	1,852,017
2015	1,653,529
2016	1,689,610
2017	1,670,827
2018	1,670,827
<b>Total</b>	<b>33,849,174</b>

1. Pursuant to the Municipal Water Quality Investigations Agreements executed in 1994, 1997, 2003, 2006, 2008, 2010 and 2014, these costs are included in the annual Statements of Charges under the Transportation Minimum OMP&R component.

State of California  
California Natural Resources Agency  
Department of Water Resources  
State Water Project  
Permanent Table A Transfer Credit<sup>1</sup>  
for  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

State Water Project Repayment Reach	2018 Credit
CA-R1	(12,335)
CA-R2A	(2,273)
CA-R2B	(1,144)
CA-R3	(982)
CA-R4	(1,699)
CA-R5	(1,276)
CA-R6	(319)
CA-R7	(1,610)
CA-R8C	(43)
CA-R8D	(734)
CA-R9	(25,757)
CA-R10A	(27,691)
CA-R11B	(43,542)
CA-R12D	(45,448)
CA-R12E	(30,131)
CA-R13B	(76,243)
CA-R14A	(287,320)
CA-R14B	(46,216)
CA-R14C	(39,584)
CA-R15A	(228,005)
CA-R16A	(399,282)
CA-R17E	(1,507,103)
CA-R17F	(372,983)
CA-R18A	(34,019)
CA-R19	(24,710)
CA-R20A	(76)
CA-R20B	(93)
CA-R21	(48)
CA-R22A	(50)
CA-R22B	(41,475)
CA-R29A	(35,946)
CA-R29F	(25,854)
CA-R29G	(82,733)
CA-R29H	(13,328)
CA-R29J	(87,510)
CA-R30	(21,500)
<b>Total</b>	<b>(3,519,062)</b>

<sup>1</sup> This credit is to offset charges incurred when a buying contractor in a permanent Table A transfer requires downstream capacity from a selling contractor.

## FOOTNOTES

### Attachment 4A

- 1/ From Table B-15 of Appendix B to Bulletin 132-17, "Management of the California State Water Project".
- 2/ Payments in 2017 are assumed to be equal to those amounts shown on the Statement of Charges for 2017.

### Attachment 4B

- 1/ From Table B-16 of Appendix B to Bulletin 132-17.
- 2/ Payments in 2017 are assumed to be equal to those amounts shown on the Statement of Charges for 2017.

### Attachment 4C

- 1/ From Table B-5a of Appendix B to Bulletin 132-17.
- 2/ From Table B-18 of Appendix B to Bulletin 132-17.
- 3/ Payments in 2017 are equal to the current calculated component plus the over/under adjustment for prior years.

### Attachments 4A, 4B, & 4C

- 4/ As indicated in this annual redetermination of charges by subtracting the respective annual payment received as shown in Column (3) from the current redetermination of the component as shown in Column (2).
- 5/ Derived by multiplying each respective remainder shown in Column (4) by the applicable "compound amount factor". This factor is numerically equal to  $(1 + i)^n$ , where "i" equals the current project interest rate of 4.610 percent per annum and "n" equals the number of interest periods between the year in which each previous payment was made and the year covered by this statement. The resulting factors for payments in the calendar years previous to this statement are tabulated below:

Calendar Year	"n" Years	Compound Amount Factor	Calendar Year	"n" Years	Compound Amount Factor
1962	56	12.47668807	1991	27	3.37657543
1963	55	11.92685983	1992	26	3.22777501
1964	54	11.40126167	1993	25	3.08553198
1965	53	10.89882580	1994	24	2.94955739
1966	52	10.41853150	1995	23	2.81957498
1967	51	9.95940302	1996	22	2.69532070
1968	50	9.52050762	1997	21	2.57654211
1969	49	9.10095365	1998	20	2.46299790
1970	48	8.69988878	1999	19	2.35445742
1971	47	8.31649821	2000	18	2.25070014
1972	46	7.95000307	2001	17	2.15151528
1973	45	7.59965880	2002	16	2.05670135
1974	44	7.26475366	2003	15	1.96606572
1975	43	6.94460726	2004	14	1.87942426
1976	42	6.63856922	2005	13	1.79660096
1977	41	6.34601780	2006	12	1.71742755
1978	40	6.06635867	2007	11	1.64174319
1979	39	5.79902367	2008	10	1.56939412
1980	38	5.54346972	2009	9	1.50023336
1981	37	5.29917763	2010	8	1.43412041
1982	36	5.06565111	2011	7	1.37092095
1983	35	4.84241575	2012	6	1.31050660
1984	34	4.62901802	2013	5	1.25275461
1985	33	4.42502439	2014	4	1.19754767
1986	32	4.23002045	2015	3	1.14477360
1987	31	4.04361003	2016	2	1.09432521
1988	30	3.86541442	2017	1	1.04610000
1989	29	3.69507162	2018	0	1.00000000
1990	28	3.53223556			

- 6/ Derived by adding the sum of items shown in Column (5) to the 2018 calculated component shown in Column (2).