\$44,298,522

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:

Capital Cost Component		
Delta Water Charge	\$45,261,835	
Less Rate Management Credit Under Monterey Amendment	6,144,436	
38 1990/1990/1990 41 1990/1990 310 1990 44 000000 300 1990/1990 310 1990/1990 490/1990/1990 490/1990/1990/1990		39,117,399
Transportation Charge	65,658,389	
Less Rate Management Credit Under Monterey Amendment	12,920,290	
Less Permanent Table A Transfer Credit	3,647,854	
		49,090,245
Minimum Operation, Maintenance,		
Power and Replacement Component		
Delta Water Charge		98,518,301
Transportation Charge		156,633,839
Total for Invoice No. 16-014-T		\$387,658,306

Devil Canyon-Castaic Contract Charges, Invoice No. 16-002-DCC, Attachment 1A:

Water System Revenue Bond Surcharge

Article 17 (a) Debt Service	\$7,780,699
Article 17 (b) Operation and Maintenance	9,024,707
Total for Invoice No. 16-002-DCC	\$16,805,406

(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

Minimum Operation, Maintenance, Power and Replacement Component

\$29,837,510

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

fin dollars1

			Į iii	นบแลเรา			
	Water System	Revenue Bond	Capital Cost Component C/		Minimum O.M.P.&R. Component		g 31
Due on or Before	Surcharge	25 Percent Bond Cover Charge	Delta Water Charge A/	Transportation Charge D/	Delta Water Charge B/	Transportation Charge	Total Payment Due
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		8,209,859	13,052,820	21,262,679
March 1		12			8,209,859	13,052,820	21,262,679
April 1					8,209,859	13,052,820	21,262,679
May 1				SI .	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		25			8,209,858	13,052,820	21,262,678
October 1		4)		12	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
Total:	\$ 24,546,439	\$ 19,752,083	\$ 39,117,399	\$ 49,090,245	\$ 98,518,301	\$ 156,633,839	\$ 387,658,306

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

Charges under the Capital Cost Component have been reduced by: CI

Urban Rate Reduction Credit

Agricultural Rate Reduction Credit

(\$19,064,726)

D/ Permanent Table A Transfer Credit (\$3,647,854)

\$0

Attachment 1

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

Date: June 30, 2015

700 North Alameda Street Los Angeles, California 90012-2944

Contract Number: 160157

[in dollars]

	Debt Service on Bonds	O.M.P.&R.		
Due on or Before	A/	Devil Canyon Facilities	Lastaic 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
Total:	\$ 7,780,699	\$ 5,214,076	\$ 3,810,631	\$ 16,805,406

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 Payments if Devil Canyon-Castaic C Water Supply Were Reimbursable Contract Charges Thereunder		ents if -Castaic Cost nbursable	Payments The Devil Ca Contract and Water Supp	nyon-Castaic d the Water
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	6,144,436	39,117,399
Transportation Charge Less Payments made under	73,439,088		73,439,088	
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	3,647,854	49,090,245
MINIMUM OMP&R COMPONENT:				
Delta Water Charge		98,518,301		98,518,301
Transportation Charge Less Payments made under		165,658,546	165,658,546	
Article 17(b) of Devil Canyon-Castaic Contract			9,024,707	156,633,839
Subtotal:	•			\$387,658,306
DEVIL CANYON-CASTAIC CONTRACT CHARGES				
DEBT SERVICE			e e e e e e e e e e e e e e e e e e e	\$7,780,699
OPERATION AND MAINTENANCE			_	9,024,707
Subtotal:			<u></u>	\$16,805,406
Total charges for Calendar Year 2016:	=	\$404,463,712		\$404,463,712
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

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	\$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	\$110,920,224	(\$19,064,726)	(\$3,647,854)	\$88,207,644

- 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 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

Invoice No:

16-013-O

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 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
Total:	\$4,984,286	\$1,246,072	\$31,557	\$3,686,929	\$9,948,844

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 WATER RESOURCES DEVELOPMENT SYSTEM

INVOICE FOR

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

CONSERVATION REPLACEMENT ACCOUNT SYSTEM CHARGE

IN 2016

	Invoice No:	16-014-U	
Mr. Devendra N. Upadhyay, Group Manager			
Water Resource Management Group The Metropolitan Water District of Southern California	Date:	June 30, 2015	
Attn: David Reukema	•		
700 North Alameda Street Los Angeles, California 90012-2944	Contract No:	160157	
2007 mgolos, Gamorina Garage	-		
[in dollars]			
Due on or Before	Amount Due	•	
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		

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.

Total:

\$0

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

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 No:

160157

[in dollars]

	Car	oital Cost Compo	nent		
Due on or Before	Bond Principal and Interest Charge	25 Percentage Bond Cover Charge	Devil Canyon Second Afterbay Debt Service Charge	Minimum OMP&R Component	Total Payment Due
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
Total:	\$ 20,986,750	\$ 5,967,220	\$ 2,883,540	\$ 5,427,771	\$ 35,265,281

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 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

	invoice No:	16-007-TAB
Mr. Devendra N. Upadhyay, Group Manager		
Water Resource Management Group	·	4
The Metropolitan Water District of Southern California	Date:	June 30, 2015
Attn: David Reukema		
700 North Alameda Street		
Los Angeles, California 90012-2944	Contract No:	160157

lin dollarsi

		Įin dolla	rsj	•		
,		Capital Cost Co	mpo	nent		
Due on or Before	Tehachapi Second Afterbay Debt Service Charge		25 Percentage Bond Cover Charge		Total Payment Due	
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						
Total:	\$	4,330,827	\$	1,082,706	\$	5,413,533

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)

		PROJECTED			(ID	dollars except where	otnerwise notea)					
	,	ALLOCATION OF			TRANSPORTA	ATION CHARGE				WATER		
	ANNUAL	CAPITAL COST	CAPITAL	COST COMPONENT	(Table D)		ESTIMATED	•	·	SYSTEM		
011 511545	ENTITLEMENTS	OF PROJECT				MINIMUM	VARIABLE	TOTAL	DELTA	REVENUE	OFF-AQUEDUCT	
CALENDAR YEAR	in-acre-feet (TABLE A)	TRANSPORTATION FACILITIES	ANNUAL PAYMENT OF	ANNUAL INTEREST	total Annual	OMP&R COMPONENT	OMP&R COMPONENT	TRANSPORTATION PAYMENT	WATER CHARGES	Bond Surcharge	POWER FACILITIES	TOTAL PAYMENT
,,,,,	(11000)	(1,012,1,123	PRINCIPAL	PAYMENT	PAYMENT		GOILL GILLIT	1111111111	3.11.000	001107111102	TO LETTICO	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1000		(Table C)			(Table G)	(Tables E & G)	(Tables F & G)	(Table G)				
1960 1961	. 0	0	0 0	0	0	0	0	0 0	0 0	0	0	0
1962	ŏ	12,185,418	ŏ	ŏ	ŏ	ŏ	٥	ا ة	ŏ	0	Ĭ	ŏl
1963	o	10,092,764	65,929	1,275,315	1,341,244	0	0	1,341,244	0	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	0	1,305,950
1965 1966	0	31,951,962 70,547,174	221,554 404,642	480,152 3,938,242	701,706 4,340,884	0	0	701,706 4,340,884	0	0	0 0	701,706 4,340,884
1967	ŏ	124,995,713	804,990	4,850,311	5,655,301	ű	٥	5,655,301	ů	ő	l ő l	5,655,301
1968	٥	139,828,172	1,518,387	12,598,159	14,116,546	1,711,561	o o	15,828,107	Ū.	0	o l	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	0	23,722,878
1970	С	150,212,228	3,160,707	27,337,321	30,498,028	2,041,108	0	32,539,138	O.	0	0	32,539,136
1971	o	115,361,881	4,119,135	25,709,703	29,828,838	2,845,550	0	32,674,388	0	0	e l	32,674,388
1972	154,772	28,803,650	4,933,190	37,904,125	42,837,315	7,857,023	738,859	51,432,997	2,043,211	0	0	63,476,208
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	0	64,202,210
1974 1975	454,900 555,200	16,707,208 14,681,381	5,763,757 6,119,860	47,787,959 44,068,887	53,551,716 50,188,747	7,472,377 12,965,036	1,753,039 4,163,244	62,777,132 67,317,027	4,231,933 5,073,286	0	0 0	67,009,065 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	ō	ا ة	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	0	72,979,382
1978	856,300	15,187,698	7,220,783	44,308,381	51,529,164	12,906,948	7,850,079	72,286,191	9,016,389	0	0	81,302,580
1979 1980	956,600 1,057,000	27,165,745 57,170,619	7,635,833 8,134,825	44,709,391 45,780,110	52,345,224 53,91 4,9 35	27,062,599 21,561,704	(3,971,767)	75,436,056 84,247,450	10,935,192 13,102,796	0	0	86,371,248
1900	(,007,000	51,170,018	0,134,020	70,700,110	20 ¹ 21 41 233	21,001,104	8,770,811	V4,241,40V	19,102,780	v	"	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	· a	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	84,335,186	23,998,560	0	0	108,333,746
1983 1984	1,358,000 1,458,300	23,110,146 14,829,360	9,900,019 10,481,447	50,917,073 72,953,999	60,817,092 83,435,446	49,334,929 45,517,432	(5,993,116) (7,893,940)	104,158,905 121,058,938	17,203,307 18,766,458	0	12,791,358 39,229,567	134,153,570 179,054,963
1985	1,558,700	9,164,111	11,044,875	52,251,809	63,296,684	56,783,089	(8,788,098)	113,291,675	22,050,974	. 0	77,446,523	212,789,172
1986	1,659,300	7,329,614	11,603,626	50,282,665	61,886,291	30,809,854	6,887,441	99,383,586	25,089,658	0	77,581,287	202,054,531
1987	1,759,800	6,204,065	12,180,264	50,899,921	63,080,165	51,359,647	7,935,849	122,375,681	26,095,043	0	68,939,195	217,409,919
1988 1989	1,860,400 1,961,000	8,203,847 17,262,370	12,778,919 13,407,116	51,384,460 51,680,199	64,163,379 65,087,315	50,654,835 69,131,749	(8,903,510) (5,351,958)	105,914,704 128,867,106	28,781,238 32,505,376	2,642,354 · 4,587,641	79,936,309 68,311,546	217,274,605 234,271,669
1990	2,011,500	16,019,198	14,139,687	51,143,869	65,283,556	47,212,462	24,090,472	136,586,490	33,616,369	4,037,980	83,964,409	258,205,248
	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,,					.,,	· ·	
1991	2,011,500	18,859,032	14,903,424	51,228,573	86,131,997	59,177,025	20,546,087	145,855,109	35,876,185	6,259,893	54,214,229	242,005,416
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	72,401,054	245,880,512
1993 1994	2,011,500 2,011,500	25,797,106 14,175,365	16,603,139 17,579,456	48,114,062 48,372,500	64,717,201 65,951,956	62,491,809 72,700,847	(45,542,508) 10,248,885	81,666,502 148,901,688	40,859,579 39,156,173	8,885,273 8,926,755	55,312,615 72,838,621	186,723,969 269,823,237
1995	2,011,500	14,182,954	18,512,107	49,059,384	87,571,491	65,023,889	(8,047,784)	124,547,596	41,903,674	10,539,430	40,862,813	217,853,513
1996	2,011,500	19,741,118	19,494,569	48,064,826	67,559,395	68,296,146	8,093,981	143,949,522	41,195,923	12,810,359	36,536,259	234,492,063
1997	2,011,500	12,059,264	20,582,904	48,820,518	69,403,422	82,662,153	(1,594,566)	150,471,009	45,548,810	13,168,230	37,121,379	246,309,428
1998 1999	2,011,500 2,011,500	10,062,044 8,103,222	21,654,134 22,760,285	49,222,302 49,238,510	70,876,436 71,998,795	77,734,742 94,936,960	(8,107,465) (8,535,154)	140,503,723 158,400,601	45,855,992 47,422,430	12,662,268 17,454,651	30,341,609 42,257,580	229,363,592 265,535,262
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	19,805,800	43,977,877	326,900,324
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	49,405,276	345,583,000
2002 2003	2,011,500 2,011,500	4,777,092 2,507,003	26,248,584 27,522,942	46,746,615 44,562,580	72,995,199 72,085,522	88,214,191 113,391,880	68,188,773 83,653,491	229,398,163 269,130,893	48,898,394 47,869,376	20,091,004 20,920,403	45,412,974 41,917,356	343,800,535 379,838,028
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	58,676,035	368,909,942
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	56,220,579	362,299,608
2006	1,911,500	11,518,680	31,685,582	33,286,116	64,971,648	83,620,114	115,993,559	264,585,321	47,416,073	20,330,228	60,701,335	393,032,957
2007 2008	1,911,500 1,911,500	9,534,107 9,925,073	33,343,265 35,053,961	32,041,848 32,364,500	65,385,113 67,418,461	76,223,977 117,915,033	174,432,589 68,579,752	316,041,679 253,913,246	52,120,469 53,315,217	12,752,863 19,303,204	61,354,857 72,144,765	442,269,868 398,676,432
2009	1,911,500	18,568,491	36,862,471	30,572,227	67,434,698	113,674,304	72,182,125	253,291,127	58,266,144	21,153,536	71,527,080	404,237,887
2010	1,911,500	15,482,384	38,946,074	29,480,511	68,406,585	126,045,953	82,902,324	277,354,862	72,808,845	20,240,944	88,263,840	458,666,491
2011	1,911,500	10,593,140	41,083,722	27,708,423	68,792,145	108,471,604	110,349,261	285,613,010	80,142,822	21,860,932	80,381,761	ART one one
2011	1,911,500	13,788,915	43,228,171	26,740,714	69,968,885	91,298,718	131,264,463	285,613,010	80,142,822 83,672,846	21,860,932	78,031,474	467,998,525 476,922,403
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	23,602,582	49,351,291	442,191,110
2014	1,911,500	18,100,115	47,109,801	23,841,079	70,950,880	114,718,519	44,278,183	229,947,382	84,040,101	25,718,327	24,187,465	363,893,275
2015	1,911,500	46,815,436	48,932,053 61,017,145	22,843,278	71,775,331	186,857,029	64,133,515 161,535,725	322,765,875	114,375,290	43,815,575	17,333,632	498,290,372
2016 2017	1,911,500 1,911,500	40,721,995 50,180,089	51,017,145 51,121,121	22,421,943 21,951,512	73,439,088 73,072,833	166,286,206 156,294,648	167,959,641	401,261,019 397,326,922	143,780,136 143,780,136	44,298,522 44,068,808	9,948,844 9,291,762	599,288,521 594,467,628
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	143,780,136	39,646,269	2,402,182	615,300,953
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	2,391,957	593,134,660
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	143,780,136	39,446,066	2,765,098	626,931,022
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	143,780,136	39,084,062	4,085,888	635,942,206
2022	1,911,500	14,087,046	41,282,114	25,256,079	66,638,193	183,133,414	216,303,460	445,975,067	143,780,136	37,853,786	3,865,537	631,474,526
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	143,780,136	37,699,484	2,834,262	633,051,508
2024 2025	1,911,500 1,911,500	5,852,041 0	43,329,292 44,886,561	22,607,173 20,881,392	65,936,465 65,767,953	166,412,396 168,076,521	212,737,927 219,510,745	445,086,788 453,355,219	143,780,136 143,780,136	38,581,585 33,903,856	2,118,464	627,566,953
2025	1,911,500	138,668	46,199,587	18,820,642	65,020,229	169,757,285	208,122,156	440,899,670	143,780,136	31,682,444	342,506 424,819	631,381,717 616,787,069
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	834,823	634,526,371
2028	1,911,500	0	49,352,087	14,510,432	63,862,519	173,169,408	215,529,485	452,581,412	143,780,136	27,577,961	430,412	624,349,921
2029 2030	1,911,500 1,911,500	0	50,844,893 51,789,522	12,244,115 9,915,931	63,089,008 61,705,453	174,901,102 178,650,114	216,434,316 211,262,453	454,424,426 449,618,020	143,780,136 143,780,136	29,433,698 11,928,1 0 6	428,177 132,599	628,066,437
2030	1,511,500	١	31,109,322	9,910,831	01,700,403	110,000,(14	2 1,202,403	448,010,020	140,700,100	11,920,100	132,589	605,458,881
2031	1,911,500	0	51,232,133	7,561,614	58,793,747	178,416,613	231,385,812	468,596,172	143,780,136	11,943,999	134,088	624,454,395
2032	1,911,500	0	52,780,173	5,208,981	57,989,154	180,200,781	203,596,950	441,786,885	143,780,136	11,943,945	137,517	597,648,483
2033 2034	1,911,500 1,911,500	0 0	53,694,110 54,978,993	2,792,932 331,045	56,487,042 55,310,038	182,002,787 183,822,815	227,667,361 207,004,326	466,157,190 446,137,179	143,780,136	11,949,424	136,390	622,023,140
2034	1,911,500	0	56,749,658	(2,194,880)	55,310,038 54,554,778	185,882,815	257,815,977	498,031,797	143,780,136 143,780,136	11,944,981 11,943,843	135,049 137,608	601,997,345 653,893,384
TOTAL	109,260,272	1,888,994,319	1,888,994,319	2,334,587,336	4,223,581,655	8,285,994,171	5,843,251,056	16,152,826,882	4,587,740,915	1,051,784,036	1,891,751,932	23,684,083,765
,5180	.00,000,272	.,000,004,010	1100010031010	2001/00/1000	12201001000	0 200 004 17	Olo Toleo Ilada	(O) (OE)DEO(OUE	10011140101D	110011104000	13001/101/005	20,007,000,100

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) 1963 1964	Components as of 01/01/2015	B	Overpayment (-) or	Annual Difference	Component this
(1) 1963		Description of Description 4	1 0 17		Component, this
1963	(2)	Payment Received	Underpayment	Capitalized to 2016	Statement
		(3)	(4)	(6)	(6)
	690,812	1,341,244	(650,432)	(7,088,941)	
	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)		
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)	ē
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	٠
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	İ
2016	77,581,266				21,749,58
			TOTAL	(55,831,679)	

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)

					Adjusted				
	Calculated	_ ,	Current	Annual Difference	Calculated				
١,,	Components as of	Payment	Overpayment (-)	Capitalized to	Component, this				
Year	01/01/2015	Received	or Underpayment	2016	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 1986	50,064,444 52,858,915	56,783,089	(6,718,645) 22,049,061	(27,167,579) 85,228,758					
1987	50,737,631	30,809,854 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	72,160,742	(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, 4 65	82,662,153	(7,006,688)	,					
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)						
2001	93,007,571	61,532,014	31,475,557	61,883,013					
2002	85,447,421 82,473,079	88,214,191 113,391,880	(2,766,770) (30,918,801)	1					
2003	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)						
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)						
2010	98,856,903	126,045,953	(27,189,050)						
2011	105,971,618	106,471,604	(499,986)						
2012	119,300,543	91,298,718	28,001,825	33,533,520	İ				
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	186,857,029	(29,244,608)	(30,592,783)					
2016	155,602,880		Tatal	40 600 006	166,286,206				
	Total 10,683,326								
	Delta Utility Planning Credit								
		Net Minimum Char	rges:		165,658,546				

DWR 2870 B (rev. 6/86)

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)

Γ	•		<u> </u>	(in dollars)			Adjusted
1		Annual Quantities	Calculated		Current		Calculated
		Delivered or	Components as of	Payments	Overpayment (-)	Annual Difference	Component, this
	Year	Requested	01/01/2015	Received	or Underpayment	Capitalized to 2016	Statement
┢	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ļ	1972	71,938	848,011	738,659	109,352	794,418	
l	1973	159,883	1,083,328	1,280,232	(196,904)		
1	1974	277,717	1,872,297	1,753,039	119,258	791,701	
	1975	526,491	3,887,152	4,163,244	(276,092)		
	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)		
	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)		
ĺ	1983	343,521	(8,994,497)	(5,993,116)	(3,001,381)		
	1984	457,582	(7,633,741)	(7,893,940)	260,199	1,100,647	
İ	1985	683,625	(15,739,366)	(6,788,098)	(8,951,268)	(36,195,438)	
ı	1986	708,840	1,135,478	6,687,441	(5,551,963)		
	1987	712,424	(3,007,097)	7,935,849	(10,942,946)		
ı	1988	902,564	(3,407,929)	(8,903,510)		19,411,687	
ı	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) 5,167,464	(62,825,185) 15,241,733	
	1992	710,313	(9,471,028)	(14,638,492)	24,068,633	67,863,315	
	1993	652,190	(21,473,875)	(45,542,508) 10,248,885	(6,189,202)		
	1994 1995	807,866 436,042	4,059,683 (4,895,977)	(8,047,784)		8,120,763	
	1996	593,380	1,859,275	8,093,981	(6,234,706)		
	1997	721,810	2,428,729	(1,594,566)		9,472,676	
	1998	410,065	(14,593,773)	(8,107,455)			
l	1999	852,617	(9,859,076)	(8,535,154)			
1	2000	1,522,412	(14,604,199)	39,588,478	(54,192,677)		
	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)		
	2003	1,649,639	94,319,637	83,653,491	10,666,146	19,162,808	
T	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)		
	2007	1,350,477	137,454,206	174,432,589	(36,978,383)		
1	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)	
1	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)		
	2013	789,290	108,546,539	. 86,127,802	22,418,737	25,664,378	
١	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	<u> </u>
	2016	1,166,900	159,435,144				161,535,725
I					TOTAL	2 400 504	
1					TOTAL	2,100,581	<u>L</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 2016

Transportation Charges Amortization of Transportation Calculated Under "One-Shot" "One-Shot" Adjustment 1/1/2015 (Column 2 minus Column 1) Components Adjustment (1) (2)(3) Capital Cost Component 77,581,266 21,749,587 (55,831,679) (55,831,679) Capital Cost Component difference to be amortized Divided by remaining water deliveries 1/ 25,764,768 Unit rate for amortizing difference 2/ (2.166978)1,911,500 acre feet Unit rate applied to 2016 deliveries of (4,142,178)Plus calculated 2016 Capital Cost Component 77,581,266 Adjusted Capital Cost Component 73,439,088

^{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]

	Calculated		Current	Annual Difference	Adjusted
Calendar	Component as of	Payments	Overpayment (-)	Capitalized to	Component, this
Year	01/01/2015	Received	or Underpayment	2016	Statement
	[1]	[2]	[3]	[4]	[5]
4000	0 550 500	0 556 470	(2.642)	(10.795)	•
1988	8,552,529	8,556,172	(3,643)	(10,785)	
1989 1990	8,978,504	8,991,417	(12,913)	(35,351) (91,903)	
		9,020,145	(36,548)	. , ,	•
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)		
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)		
2002	22,425,318	22,276,589	148,729	190,689	
2003	19,087,337	22,768,985	(3,681,648)		•
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)	, , ,	
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]

· I	Calculated		Current	Annual Difference	Adjusted
Calendar	Component as of	Payments	Overpayment (-)	Capitalized to	Component, this
Year	01/01/2015	Received	or Underpayment	2016	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

WATER DELIVERIES

VARIABLE O.M.P.&R. COMPONENT .TRANSPORTATION CHARGE

DESCRIPTION (1)	ACRE-FEET (2)	UNIT CHARGE 1/ (3)	AMOUNT (4)
Reach 12E	226,938	21.51657000	4,882,927
East Branch Reach 26A, 28H			
and 28J	438,042	166,27082000	72,833,603
VEBX-R1	0	132.71490280	0
West Branch			
Reach 30	501,920	162.81203000	81,718,614
	S	ub total	159,435,144
Net adjustment per redete	ermination of pre-2016 cha	arges 2/	2,100,581
Estimated Year 2016 Rep	placement Accounting Sys	tem (RAS) Charges 2/	883,248
Prior years RAS over and	under adjustments 2/		3,544,443
T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			405.000.440
Total Estimated 2016 Cha	arges		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

Year	Capital Component	(in dollars) Minimum OMP&R	Total East Branch Enlargement
		Component	Transportation Charge
	. [1]	[2]	[3]
4005		<u> </u>	
1986	0	0	(
1987	0	0)
1988 -	8,556,172	0	8,556,172
1989	8,991,417	0	8,991,411
1990	9,020,145	0	9,020,14:
1991	9,009,739	86,529	9,096,26
1992	18,053,820	339,060	18,392,886
1993	18,754,578	(68,950)	18,685,62
1994	18,705,728	(213,745)	18,491,98
1995	16,729,731	2,839,696	19,569,42
1996	20,262,394	2,810,767	23,073,16
1997	19,141,671	1,296,887	
			20,438,55
1998	19,092,267	1,850,818	20,943,08
1999	20,301,335	3,847,978	24,149,31
2000	17,085,146	2,949,526	20,034,67
2001	31,847,016	13,032,437	44,879,45
2002	22,276,589	(5,934,164)	16,342,42
2003	22,768,985	1,352,030	24,121,01
2004	19,038,306	3,040,705	22,079,01
2005	17,204,043	2,605,075	19,809,11
2006	17,589,839	4,317,052	21,906,89
2007	20,041,387	4,321,833	24,363,22
2008	21,870,151	3,665,831	25,535,98
2009 2010	20,084,800 20,584,992	7,003,623 4,362,778	27,088,42 24,947,77
2011	21,198,361	8,607,829	29,806,19
2012	21,513,121	6,041,609	27,554,73
2013	16,714,447	5,698,589	22,413,03
2014	18,442,404	4,290,132	22,732,53
2015	29,524,520	2,139,332	31,663,85
2016	29,837,510	5,427,771	35,265,28
2017	30,991,640	7,738,457	38,730,09
2018	30,205,304	7,738,457	37,943,76
2019	30,277,225	7,738,457	38,015,68
2020	29,583,228	7,738,457	37,321,68
2021	30,235,315	7.024.201	25 JED 52
2021		7,024,221	37,259,53
2022	29,084,342	7,024,221	36,108,56
2023	23,863,138	7,024,221	30,887,35
2024 2025	25,053,591 28,507,429	7,024,221 7,024,221	32,077,81 35,531,65
2020	20,207,722	7,027,221	ر ا د دو د د
2026	11,230,843	7,024,221	18,255,06
2027	11,428,231	7,024,221	18,452,45
2028	7,440,020	7,024,221	14,464,24
2029	7,806,395	7,024,221	14,830,61
2030	1,526,217	7,024,221	8,550,43
2031	1,521,074	7,024,221	8,545,29
2031			
	1,524,918	7,024,221	8,549,13
2033	1,523,517	7,024,221	8,547,73
2034 2035	1,526,403 1,522,730	7,024,221 7,024,221	8,550,62 8,546,95
`otal	859,092,174	222,028,171	1,081,120,34

1,081,120,345 Attachment 6 June 30, 2015

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

Municipal Water Quality Investigations Costs¹

for

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

	(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					

 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.

> Attachment 8 June 30, 2015

State of California California Natural Resources Agency Department of Water Resources State Water Project Permanent Table A Transfer Credit¹

for THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

(in dollars)

(in dollars)				
State Water Project	2016 Credit			
Repayment Reach	2010 Cledit			
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)			

¹ 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),