



CHINO BASIN WATERMASTER

APPROVED

**2019/2020 ASSESSMENT PACKAGE
(PRODUCTION YEAR 2018/2019)**

NOVEMBER 21, 2019



Chino Basin Watermaster Assessment Package

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Assessment Year 2019-2020 (Production Year 2018-2019)

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**Assessment Year 2019-2020 (Production Year 2018-2019)**

Water Production Overview

AGRICULTURAL POOL SUMMARY IN ACRE FEET

Agricultural Pool Safe Yield	82,800.0
Agricultural Total Pool Production	(21,785.9)
	61,014.1
Safe Yield Reduction (Backfill)	(5,000.0)
Total Conversions	(29,972.5)
	(34,972.5)
Under(Over) Production:	26,041.7

Well County	Physical Production	Voluntary Agreements	Total Ag Pool Production
Los Angeles County	148.7	0.0	148.7
Riverside County	2,259.3	0.0	2,259.3
San Bernardino County	13,243.6	6,134.3	19,377.9
	15,651.6	6,134.3	21,785.9



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Fee Summary

	<i>AF Production</i>	Non-Agricultural Pool		Replenishment Assessments		CURO Adjmnt	RTS Charges	Other Adjmnts	Total Assmnts Due
		\$23.09 AF/Admin	\$51.90 AF/OBMP	AF Over Annual Right	\$743.00 Per AF				
Aqua Capital Management LP	0.0	0.00	0.00	0.0	0.00	0.00	308.20	0.00	308.20
California Speedway Corporation	388.6	8,973.19	20,169.27	0.0	0.00	0.00	0.00	0.00	29,142.46
California Steel Industries, Inc.	1,418.8	32,761.04	73,637.85	0.0	0.00	0.00	0.00	0.00	106,398.89
CalMat Co.	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
CCG Ontario, LLC	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
City of Ontario (Non-Ag)	1,508.1	34,821.71	78,269.66	0.0	0.00	0.00	0.00	0.00	113,091.37
County of San Bernardino (Non-Ag)	57.0	1,316.11	2,958.25	0.0	0.00	0.00	0.00	0.00	4,274.36
General Electric Company	0.0	0.00	0.00	0.0	0.00	0.40	0.33	0.00	0.73
GenOn California South, LP	18.2	419.20	942.24	0.0	0.00	0.00	0.00	0.00	1,361.44
Hamner Park Associates, a California Limited Partnership	303.6	7,010.24	15,757.10	0.0	0.00	0.00	0.00	0.00	22,767.34
Monte Vista Water District (Non- Ag)	15.0	346.65	779.17	0.0	0.00	0.00	0.00	0.00	1,125.82
Praxair, Inc.	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Riboli Family and San Antonio Winery, Inc.	25.6	590.39	1,327.03	25.6	18,997.77	333.07	203.92	0.00	21,452.18
Southern Service Company	22.7	524.40	1,178.70	5.8	4,310.14	219.04	407.03	0.00	6,639.32
Space Center Mira Loma, Inc.	93.7	2,163.72	4,863.45	0.0	0.00	0.00	0.00	0.00	7,027.17
TAMCO	9.7	223.70	502.81	0.0	0.00	0.00	195.00	0.00	921.51
West Venture Development Company	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
	3,861.0	89,150.35	200,385.53	31.4	23,307.91	552.51	1,114.48	0.00	314,510.78
	2A	2B	2C	2D	2E	2F	2G	2H	2I

p2:

1) NRG California South LP changed its name to GenOn California South, LP in March of 2019.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Production Overview

	Physical Production	Assignments	Other Adjustments	Actual FY Production (Assmnt Pkg Column 4H)
Aqua Capital Management LP	0.0	0.0	0.0	0.0
California Speedway Corporation	388.6	0.0	0.0	388.6
California Steel Industries, Inc.	1,418.8	0.0	0.0	1,418.8
CalMat Co.	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	0.0	1,508.1	0.0	1,508.1
County of San Bernardino (Non-Ag)	0.0	57.0	0.0	57.0
General Electric Company	1,320.4	0.0	(1,320.4)	0.0
GenOn California South, LP	18.2	0.0	0.0	18.2
Hamner Park Associates, a California Limited Partnership	0.0	303.6	0.0	303.6
Monte Vista Water District (Non-Ag)	0.0	15.0	0.0	15.0
Praxair, Inc.	0.0	0.0	0.0	0.0
Riboli Family and San Antonio Winery, Inc.	25.6	0.0	0.0	25.6
Southern Service Company	22.7	0.0	0.0	22.7
Space Center Mira Loma, Inc.	0.0	93.7	0.0	93.7
TAMCO	9.7	0.0	0.0	9.7
West Venture Development Company	0.0	0.0	0.0	0.0
	3,204.0	1,977.4	(1,320.4)	3,861.0
	3A	3B	3C	3D

p3:

- 1) General Electric Company extracted, and subsequently injected, 1,320.440 AF of water. No extracted groundwater was discharged to the Ely Basins during the fiscal year.
- 2) NRG California South LP changed its name to GenOn California South, LP in March of 2019.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Production Summary

	Percent of Safe Yield	Carryover Beginning Balance	Prior Year Adjustments	Assigned Share of Safe Yield (AF)	Water Transaction Activity	Other Adjust-ments	Annual Production Right	Actual Fiscal Year Production	Net Over Production	Under Production Balances		
										Total Under-Produced	Carryover: Next Year Begin Bal	To Excess Carryover Account
Aqua Capital Management LP	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California Speedway Corporation	13.605%	1,000.0	0.0	1,000.0	(100.0)	0.0	1,900.0	388.6	0.0	1,511.4	1,000.0	511.4
California Steel Industries, Inc.	21.974%	1,615.1	0.0	1,615.1	(161.5)	0.0	3,068.8	1,418.8	0.0	1,649.9	1,615.1	34.8
CalMat Co.	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	40.352%	2,966.0	0.0	2,966.0	(296.6)	0.0	5,635.5	1,508.1	0.0	4,127.4	2,966.0	1,161.3
County of San Bernardino (Non-Ag)	1.821%	104.5	0.0	133.9	(13.4)	0.0	224.9	57.0	0.0	167.9	133.9	34.1
General Electric Company	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GenOn California South, LP	12.986%	954.5	0.0	954.5	(95.5)	0.0	1,813.6	18.2	0.0	1,795.5	954.5	840.9
Hamner Park Associates, a California Limited Partnership	6.316%	464.2	0.0	464.2	(46.4)	0.0	882.1	303.6	0.0	578.5	464.2	114.2
Monte Vista Water District (Non-Ag)	0.680%	50.0	0.0	50.0	(5.0)	0.0	95.0	15.0	0.0	80.0	50.0	30.0
Praxair, Inc.	0.014%	1.0	0.0	1.0	(0.1)	0.0	1.9	0.0	0.0	1.9	1.0	0.9
Riboli Family and San Antonio Winery, Inc.	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	25.6	25.6	0.0	0.0	0.0
Southern Service Company	0.256%	0.0	0.0	18.8	(1.9)	0.0	16.9	22.7	5.8	0.0	0.0	0.0
Space Center Mira Loma, Inc.	1.417%	0.0	0.0	104.1	(10.4)	0.0	93.7	93.7	0.0	0.0	0.0	0.0
TAMCO	0.579%	42.6	0.0	42.6	(4.3)	0.0	81.0	9.7	0.0	71.3	42.6	28.7
West Venture Development Company	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100.00%	7,198.0	0.0	7,350.3	(735.0)	0.0	13,813.3	3,861.0	31.4	9,983.7	7,227.4	2,756.3
	4A	4B	4C	4D	4E	4F	4G	4H	4I	4J	4K	4L

p4:
1) NRG California South LP changed its name to GenOn California South, LP in March of 2019.



Assessment Year 2019-2020 (Production Year 2018-2019)

Local Storage Accounts Summary

	Local Excess Carry Over Storage Account (ECO)					Local Supplemental Storage Account				Combined
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	From Under-Production	Ending Balance	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Ending Balance	Ending Balance
Aqua Capital Management LP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California Speedway Corporation	1,548.7	(1.1)	(80.9)	511.4	1,978.1	0.0	0.0	0.0	0.0	1,978.1
California Steel Industries, Inc.	1,941.0	(1.4)	0.0	34.8	1,974.5	0.0	0.0	0.0	0.0	1,974.5
CalMat Co.	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
CCG Ontario, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	3,404.0	(2.4)	(1,301.9)	1,161.3	3,261.0	0.0	0.0	0.0	0.0	3,261.0
County of San Bernardino (Non-Ag)	89.7	(0.1)	0.0	34.1	123.7	0.0	0.0	0.0	0.0	123.7
General Electric Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GenOn California South, LP	2,085.7	(1.5)	(135.0)	840.9	2,790.2	0.0	0.0	0.0	0.0	2,790.2
Hamner Park Associates, a California Limited Partnership	1,412.5	(1.0)	0.0	114.2	1,525.7	0.0	0.0	0.0	0.0	1,525.7
Monte Vista Water District (Non-Ag)	38.5	0.0	(2.6)	30.0	65.9	0.0	0.0	0.0	0.0	65.9
Praxair, Inc.	61.7	0.0	0.0	0.9	62.6	0.0	0.0	0.0	0.0	62.6
Riboli Family and San Antonio Winery, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Service Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Space Center Mira Loma, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TAMCO	188.4	(0.1)	0.0	28.7	216.9	0.0	0.0	0.0	0.0	216.9
West Venture Development Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10,775.2	(7.5)	(1,520.4)	2,756.3	12,003.6	0.0	0.0	0.0	0.0	12,003.6
	5A	5B	5C	5D	5E	5F	5G	5H	5I	5J

p5:

- 1) A total of 200 AF was transferred pursuant to the Exhibit "G" Physical Solution: California Speedway Corporation (62.425 AF), GenOn California South, LP (134.974 AF), and Monte Vista Water District Non-Ag (2.601 AF).
- 2) California Speedway Corporation dedicated 18.478 AF to satisfy Arrowhead's 2019/20 DRO pursuant to an Exhibit "G" Paragraph Form A.
- 3) NRG California South LP changed its name to GenOn California South, LP in March of 2019.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Transaction Summary

	Percent of Safe Yield	Assigned Share of Safe Yield (AF)	Water Transactions			Total Water Transactions
			10% of Operating Safe Yield ("Haircut")	Transfers (To) / From ECO Account	General Transfers / Exhibit G Water Sales	
Aqua Capital Management LP	0.000%	0.0	0.0	0.0	0.0	0.0
California Speedway Corporation	13.605%	1,000.0	(100.0)	80.9	(80.9)	(100.0)
California Steel Industries, Inc.	21.974%	1,615.1	(161.5)	0.0	0.0	(161.5)
CalMat Co.	0.000%	0.0	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.000%	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	40.352%	2,966.0	(296.6)	1,301.9	(1,301.9)	(296.6)
County of San Bernardino (Non-Ag)	1.821%	133.9	(13.4)	0.0	0.0	(13.4)
General Electric Company	0.000%	0.0	0.0	0.0	0.0	0.0
GenOn California South, LP	12.986%	954.5	(95.5)	135.0	(135.0)	(95.5)
Hamner Park Associates, a California Limited Pa	6.316%	464.2	(46.4)	0.0	0.0	(46.4)
Monte Vista Water District (Non-Ag)	0.680%	50.0	(5.0)	2.6	(2.6)	(5.0)
Praxair, Inc.	0.014%	1.0	(0.1)	0.0	0.0	(0.1)
Riboli Family and San Antonio Winery, Inc.	0.000%	0.0	0.0	0.0	0.0	0.0
Southern Service Company	0.256%	18.8	(1.9)	0.0	0.0	(1.9)
Space Center Mira Loma, Inc.	1.417%	104.1	(10.4)	0.0	0.0	(10.4)
TAMCO	0.579%	42.6	(4.3)	0.0	0.0	(4.3)
West Venture Development Company	0.000%	0.0	0.0	0.0	0.0	0.0
	100.000%	7,350.3	(735.0)	1,520.4	(1,520.4)	(735.0)
	6A	6B	6C	6D	6E	6F

p6:

- 1) Transfers in Column [6C] are the annual transfers of 10 percent of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation in accordance with the Peace II Agreement Section 6.2.
- 2) A total of 200 AF was transferred pursuant to the Exhibit "G" Physical Solution: California Speedway Corporation (62.425 AF), GenOn California South, LP (134.974 AF), and Monte Vista Water District Non-Ag (2.601 AF).
- 3) California Speedway Corporation dedicated 18.478 AF to satisfy Arrowhead's 2019/20 DRO pursuant to an Exhibit "G" Paragraph Form A.
- 4) NRG California South LP changed its name to GenOn California South, LP in March of 2019.



Assessment Year 2019-2020 (Production Year 2018-2019)

Cumulative Unmet Replenishment Obligation (CURO)

Remaining Replenishment Obligation:	AF
Appropriative - 100	0.5
Appropriative - 15/85	0.0
Non-Agricultural - 100	0.0
	0.5

Replenishment Rates	
2019 Rate	\$743.00
2018 Rate	\$697.00

Pool 2 Non-Agricultural

Company	Outstanding Obligation (AF)	Fund Balance (\$)	Outstanding Obligation (\$)
Aqua Capital Management LP	0.0	\$0.00	\$0.00
California Speedway Corporation	0.0	\$0.00	\$0.00
California Steel Industries, Inc.	0.0	\$0.00	\$0.00
CalMat Co.	0.0	\$0.00	\$0.00
CCG Ontario, LLC	0.0	\$0.00	\$0.00
City of Ontario (Non-Ag)	0.0	\$0.00	\$0.00
County of San Bernardino (Non-Ag)	0.0	\$0.00	\$0.00
General Electric Company	0.0	(\$0.40)	\$0.40
GenOn California South, LP	0.0	\$0.00	\$0.00
Hamner Park Associates, a California Limited Partnership	0.0	\$0.00	\$0.00
Monte Vista Water District (Non-Ag)	0.0	\$0.00	\$0.00
Praxair, Inc.	0.0	\$0.00	\$0.00
Riboli Family and San Antonio Winery, Inc.	0.0	(\$330.84)	\$333.07
Southern Service Company	0.0	(\$217.55)	\$219.04
Space Center Mira Loma, Inc.	0.0	\$0.00	\$0.00
TAMCO	0.0	\$0.00	\$0.00
West Venture Development Company	0.0	\$0.00	\$0.00
Pool 2 Non-Agricultural Total	0.0	(\$548.79)	\$552.51
	7A	7B	7C

p7:

1) The 2019 rate includes a \$10 surcharge from Three Valleys Municipal Water District.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Fee Summary

	AF Production and Exchanges	Appropriative Pool		Ag Pool SY Reallocation			Replenishment Assessments			85/15 Activity		CURO Adjmt	ASSESSMENTS DUE							
		\$23.09 AF/Admin	\$51.90 AF/OBMP	AF Total Realloc- ation	\$503,121 \$8.25 AF/Admin	\$1,130,772 \$18.53 AF/OBMP	\$111.45 AF/15%	\$631.55 AF/85%	\$743.00 AF/100%	15% Producer Credits	15% Pro-rated Debits		Total Production Based	Pomona Credit	Recharge Debt Payment	Recharge Imprvmnt Project	RTS Charges	Other Adjmts	DRO	Total Due
Arrowhead Mtn Spring Water Co	285.4	6,590.23	14,813.04	0.0	0.00	0.00	0.00	0.00	51,656.33	0.00	0.00	0.00	73,059.60	0.00	0.00	0.00	7,957.41	(144.34)	0.00	80,872.67
CalMat Co. (Appropriative)	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chino Hills, City Of	1,540.0	35,559.34	79,927.66	2,473.4	20,395.83	45,839.94	30.10	0.00	0.00	0.00	14,861.87	2.31	196,617.05	2,567.35	24,393.77	0.00	1.10	0.00	0.00	223,579.27
Chino, City Of	1,365.0	31,517.37	70,842.41	10,986.4	90,593.37	203,609.96	26.68	0.00	0.00	0.00	13,172.54	2.05	409,764.38	4,904.69	46,602.18	0.00	0.06	0.00	0.00	461,271.31
Cucamonga Valley Water District	9,623.8	222,213.54	499,475.22	2,647.4	21,830.60	49,064.60	188.08	0.00	0.00	0.00	92,873.15	14.43	885,659.62	4,400.69	41,813.37	0.00	12.80	0.00	0.00	931,886.48
Desalter Authority	31,199.2	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fontana Union Water Company	0.0	0.00	0.00	3,618.5	29,838.29	67,062.01	0.00	0.00	0.00	0.00	0.00	0.00	96,900.30	7,771.37	73,840.10	0.00	0.00	0.00	0.00	178,511.77
Fontana Water Company	9,960.6	229,990.60	516,955.92	834.6	6,882.26	15,467.99	194.66	0.00	0.00	(592,110.00)	96,123.54	14.93	273,519.90	1.33	12.67	0.00	9.68	0.00	0.00	273,543.58
Fontana, City Of	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Golden State Water Company	0.0	0.97	2.18	232.8	1,919.77	4,314.71	0.00	0.00	0.00	0.00	0.41	0.00	6,238.04	500.00	4,750.80	0.00	0.53	0.00	0.00	11,489.37
Jurupa Community Services District	13,529.6	312,398.63	702,186.60	16,079.8	132,594.04	298,007.09	264.41	0.00	0.00	0.00	130,565.60	20.28	1,576,036.65	2,506.01	23,811.01	0.00	6.15	0.00	0.00	1,602,359.82
Marygold Mutual Water Company	949.8	21,931.21	49,295.35	370.9	3,058.83	6,874.76	0.00	0.00	0.00	0.00	0.00	0.00	81,160.15	796.67	7,569.61	0.00	809.08	(840.54)	0.00	89,494.97
Monte Vista Irrigation Company	0.0	0.00	0.00	383.1	3,158.65	7,099.12	0.00	0.00	0.00	0.00	0.00	0.00	10,257.77	822.67	7,816.65	0.00	0.00	0.00	0.00	18,897.09
Monte Vista Water District	6,483.1	149,695.26	336,473.98	2,798.4	23,075.13	51,861.71	126.70	0.00	0.00	0.00	62,564.46	9.72	623,806.96	5,864.70	55,723.72	0.00	5.15	0.00	0.00	685,400.53
NCL Co, LLC	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Niagara Bottling, LLC	1,683.1	38,863.75	87,355.07	0.0	0.00	0.00	0.00	0.00	879,074.51	0.00	0.00	59,160.27	1,064,453.60	0.00	0.00	0.00	25,330.11	(599.84)	0.00	1,089,183.87
Nicholson Trust	0.0	0.00	0.00	2.2	17.92	40.27	0.00	0.00	0.00	0.00	0.00	0.00	58.19	4.67	44.34	0.00	0.00	0.00	0.00	107.20
Norco, City Of	0.0	0.00	0.00	114.2	941.96	2,117.07	0.00	0.00	0.00	0.00	0.00	0.00	3,059.03	245.33	2,331.06	0.00	0.00	0.00	0.00	5,635.42
Ontario, City Of	16,169.1	373,345.03	839,177.43	10,017.5	82,604.01	185,653.75	315.99	0.00	0.00	0.00	156,037.88	24.24	1,637,158.33	13,828.07	131,388.12	0.00	11.91	0.00	0.00	1,782,386.43
Pomona, City Of	10,839.5	250,284.59	562,571.24	6,349.3	52,355.88	117,670.63	0.00	0.00	0.00	0.00	0.00	0.00	982,882.34	(53,030.93)	129,563.82	0.00	0.00	0.00	0.00	1,059,415.23
San Antonio Water Company	376.2	8,686.87	19,525.71	853.0	7,034.02	15,809.07	7.35	0.00	0.00	0.00	3,630.64	0.56	54,694.22	1,832.01	17,406.93	0.00	0.60	0.00	0.00	73,933.76
San Bernardino, County of (Shooting Park)	10.8	248.43	558.39	0.0	0.00	0.00	0.21	6,794.85	0.00	0.00	103.83	521.23	8,226.94	0.00	0.00	0.00	286.59	(7.97)	517.87	9,023.43
Santa Ana River Water Company	0.0	0.00	0.00	736.6	6,074.14	13,651.73	0.00	0.00	0.00	0.00	0.00	0.00	19,725.87	1,582.01	15,031.53	0.00	1,020.78	(1,269.91)	0.00	36,090.28
Upland, City Of	2,298.0	53,059.73	119,263.76	1,614.8	13,315.50	29,926.79	44.91	0.00	0.00	0.00	22,176.08	3.44	237,790.21	3,468.02	32,951.55	0.00	1.47	0.00	0.00	274,211.25
West End Consolidated Water Co	0.0	0.00	0.00	536.4	4,423.14	9,941.08	0.00	0.00	0.00	0.00	0.00	0.00	14,364.22	1,152.01	10,945.84	0.00	0.00	0.00	0.00	26,462.07
West Valley Water District	0.0	0.00	0.00	364.7	3,007.64	6,759.71	0.00	0.00	0.00	0.00	0.00	0.00	9,767.35	783.34	7,442.92	0.00	504.11	(625.02)	0.00	17,872.70
106,313.4		1,734,385.55	3,898,423.96	61,014.1	503,121.00	1,130,772.00	1,199.09	6,794.85	930,730.84	(592,110.00)	592,110.00	59,773.46	8,265,200.72	0.01	633,439.99	0.00	35,957.53	(3,487.62)	517.87	8,931,628.49
8A		8B	8C	8D	8E	8F	8G	8H	8I	8J	8K	8L	8M	8N	8O	8P	8Q	8R	8S	8T

p8:
1) IEUA is collecting RTS charges for water purchased in FY 2016/17. This is the second of ten annual RTS charges.
2) "Other Adjustments" (column [8R]) include residual money from the preemptive purchase of water for Desalter Replenishment Obligation.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Production Overview

	Physical Production	Voluntary Agreements (w/ Ag)	Assignments (w/ Non-Ag)	Other Adjustments	Actual FY Production (Assmnt Pkg Column 10I)
Arrowhead Mtn Spring Water Co	285.4	0.0	0.0	0.0	285.4
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	1,608.4	(68.3)	0.0	0.0	1,540.0
Chino, City Of	4,315.0	(2,893.0)	(57.0)	0.0	1,365.0
Cucamonga Valley Water District	9,623.8	0.0	0.0	0.0	9,623.8
Desalter Authority	31,232.5	0.0	0.0	(33.3)	31,199.2
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	9,960.6	0.0	0.0	0.0	9,960.6
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services District	13,893.6	0.0	(397.3)	33.3	13,529.6
Marygold Mutual Water Company	949.8	0.0	0.0	0.0	949.8
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	6,631.0	(127.7)	(15.0)	(5.2)	6,483.1
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	1,683.1	0.0	0.0	0.0	1,683.1
Nicholson Trust	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	20,722.5	(3,045.3)	(1,508.1)	0.0	16,169.1
Pomona, City Of	10,839.5	0.0	0.0	0.0	10,839.5
San Antonio Water Company	376.2	0.0	0.0	0.0	376.2
San Bernardino, County of (Shooting Park)	10.8	0.0	0.0	0.0	10.8
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0
Upland, City Of	2,380.5	0.0	0.0	(82.6)	2,298.0
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0
West Valley Water District	0.0	0.0	0.0	0.0	0.0
	114,512.8	(6,134.3)	(1,977.4)	(87.8)	106,313.4

Less Desalter Authority Production

(31,199.2)

Total Less Desalter Authority Production

75,114.1

9A

9B

9C

9D

9E

p9:

Other Adj:

1) CDA provided 33.293 AF to JCSD for irrigation at Orchard Park.

2) Monte Vista Water District received credit of 5.310 AF minus evaporative losses due to Pump-to-Waste activities in which the water was recaptured into a recharge basin.

3) City of Upland received credit of 85.897 AF minus evaporative losses due to Pump-to-Waste activities in which the water was recaptured into a recharge basin.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Production Summary

	Percent of Operating Safe Yield	Carryover Beginning Balance	Prior Year Adjustments	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Other Adjustments	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Net Over-Production		Under Production Balances		
												85/15%	100%	Total Under- Produced	Carryover: Next Year Begin Bal	To Excess Carryover Account
Arrowhead Mtn Spring Water Co	0.000%	0.0	0.0	0.0	0.0	215.9	0.0	215.9	285.4	0.0	285.4	0.0	69.5	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	3.851%	1,726.6	0.0	1,726.6	2,473.4	0.0	0.0	5,926.5	1,540.0	0.0	1,540.0	0.0	0.0	4,386.5	1,726.6	2,660.0
Chino, City Of	7.357%	3,298.4	0.0	3,298.4	10,986.4	0.0	0.0	17,583.2	1,365.0	0.0	1,365.0	0.0	0.0	16,218.3	3,298.4	12,919.8
Cucamonga Valley Water District	6.601%	0.0	0.0	2,959.5	2,647.4	6,144.8	0.0	11,751.7	9,623.8	0.0	9,623.8	0.0	0.0	2,127.9	2,127.9	0.0
Desalter Authority	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31,199.2	0.0	31,199.2	0.0	31,199.2	0.0	0.0	0.0
Fontana Union Water Company	11.657%	0.0	0.0	5,226.3	3,618.5	(8,844.8)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.002%	0.9	0.0	0.9	834.6	9,124.2	0.0	9,960.6	9,960.6	0.0	9,960.6	0.0	0.0	0.0	0.0	0.0
Fontana, City Of	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.750%	0.0	0.0	336.3	232.8	0.0	0.0	569.1	0.0	0.0	0.0	0.0	0.0	569.0	336.3	232.8
Jurupa Community Services District	3.759%	1,685.3	0.0	1,685.3	16,079.8	0.0	0.0	19,450.5	13,529.6	0.0	13,529.6	0.0	0.0	5,920.9	1,685.3	4,235.6
Marygold Mutual Water Company	1.195%	408.8	0.0	535.8	370.9	0.0	0.0	1,315.5	949.8	0.0	949.8	0.0	0.0	365.7	365.7	0.0
Monte Vista Irrigation Company	1.234%	553.3	0.0	553.3	383.1	0.0	0.0	1,489.6	0.0	0.0	0.0	0.0	0.0	1,489.6	553.3	936.3
Monte Vista Water District	8.797%	3,944.0	0.0	3,944.0	2,798.4	0.0	0.0	10,686.4	6,483.1	0.0	6,483.1	0.0	0.0	4,203.3	3,944.0	259.3
NCL Co, LLC	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.000%	0.0	0.0	0.0	0.0	500.0	0.0	500.0	1,683.1	0.0	1,683.1	0.0	1,183.1	0.0	0.0	0.0
Nicholson Trust	0.007%	0.0	0.0	3.1	2.2	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	5.3	3.1	2.2
Norco, City Of	0.368%	165.0	0.0	165.0	114.2	0.0	0.0	444.2	0.0	0.0	0.0	0.0	0.0	444.2	165.0	279.2
Ontario, City Of	20.742%	7,974.8	0.0	9,299.5	10,017.5	0.0	0.0	27,291.8	16,169.1	0.0	16,169.1	0.0	0.0	11,122.7	9,299.5	1,823.2
Pomona, City Of	20.454%	9,170.3	0.0	9,170.3	6,349.3	0.0	0.0	24,690.0	10,839.5	0.0	10,839.5	0.0	0.0	13,850.4	9,170.3	4,680.1
San Antonio Water Company	2.748%	956.6	0.0	1,232.0	853.0	0.0	0.0	3,041.7	376.2	0.0	376.2	0.0	0.0	2,665.4	1,232.0	1,433.4
San Bernardino, County of (Shooting P	0.000%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	10.8	10.8	0.0	0.0	0.0	0.0
Santa Ana River Water Company	2.373%	1,063.9	0.0	1,063.9	736.6	0.0	0.0	2,864.4	0.0	0.0	0.0	0.0	0.0	2,864.4	1,063.9	1,800.5
Upland, City Of	5.202%	2,332.3	0.0	2,332.3	1,614.8	0.0	0.0	6,279.3	2,298.0	0.0	2,298.0	0.0	0.0	3,981.4	2,332.3	1,649.1
West End Consolidated Water Co	1.728%	774.7	0.0	774.7	536.4	0.0	0.0	2,085.9	0.0	0.0	0.0	0.0	0.0	2,085.9	774.7	1,311.1
West Valley Water District	1.175%	526.8	0.0	526.8	364.7	0.0	0.0	1,418.3	0.0	0.0	0.0	0.0	0.0	1,418.3	526.8	891.5
	100.00%	34,581.7	0.0	44,834.0	61,014.1	7,140.1	0.0	147,569.9	106,313.4	0.0	106,313.4	10.8	32,451.9	73,719.2	38,605.2	35,114.1
Less Desalter Authority Production									(31,199.2)		(31,199.2)		(31,199.2)			
Total Less Desalter Authority Production									75,114.1		75,114.1		1,252.7			
	10A	10B	10C	10D	10E	10F	10G	10H	10I	10J	10K	10L	10M	10N	10O	10P



Assessment Year 2019-2020 (Production Year 2018-2019)

Local Excess Carry Over Storage Account Summary

	Excess Carry Over Account (ECO)					
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	From Supplemental Storage	From Under-Production	Ending Balance
Arrowhead Mtn Spring Water Co	216.0	(0.2)	(215.9)	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.4	0.0	0.0	0.0	0.0	0.4
Chino Hills, City Of	6,525.8	(4.6)	0.0	0.0	2,660.0	9,181.2
Chino, City Of	96,288.5	(67.4)	(1,456.4)	0.0	12,919.8	107,684.5
Cucamonga Valley Water District	16,697.2	(11.7)	(601.8)	0.0	0.0	16,083.7
Desalter Authority	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	5,017.5	(3.5)	(1,624.2)	0.0	0.0	3,389.8
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	443.9	(0.3)	(85.5)	0.0	232.8	590.8
Jurupa Community Services District	23,375.9	(16.4)	200.0	0.0	4,235.6	27,795.0
Marygold Mutual Water Company	614.9	(0.4)	0.0	0.0	0.0	614.5
Monte Vista Irrigation Company	8,585.4	(6.0)	(140.7)	0.0	936.3	9,375.0
Monte Vista Water District	8,452.7	(5.9)	(1,452.3)	500.0	259.3	7,753.8
NCL Co, LLC	4.0	0.0	0.0	0.0	0.0	4.0
Niagara Bottling, LLC	0.0	0.0	(500.0)	500.0	0.0	0.0
Nicholson Trust	0.0	0.0	(0.8)	0.0	2.2	1.4
Norco, City Of	1,914.0	(1.3)	(42.0)	0.0	279.2	2,150.0
Ontario, City Of	31,635.2	(22.1)	0.0	0.0	1,823.2	33,436.3
Pomona, City Of	23,189.6	(16.2)	(3,800.0)	0.0	4,680.1	24,053.4
San Antonio Water Company	0.0	0.0	0.0	0.0	1,433.4	1,433.4
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	4,607.2	(3.2)	(270.6)	0.0	1,800.5	6,133.9
Upland, City Of	15,419.7	(10.8)	0.0	0.0	1,649.1	17,058.0
West End Consolidated Water Co	3,381.1	(2.4)	0.0	0.0	1,311.1	4,689.8
West Valley Water District	7,852.4	(5.5)	(1,134.0)	0.0	891.5	7,604.4
	254,221.3	(177.9)	(11,124.2)	1,000.0	35,114.1	279,033.2
	11A	11B	11C	11D	11E	11F

p11:

- 1) In August 2019, Arrowhead Mtn Spring Water Co transferred 215.891 AF from their Excess Carry Over Storage Account to offset their Production Year 2018/2019 overproduction obligations.
- 2) In August 2019, Niagara Bottling, LLC transferred 500.000 AF from their Supplemental Storage Account to offset their Production Year 2018/2019 overproduction obligations.



Assessment Year 2019-2020 (Production Year 2018-2019)

Local Supplemental Storage Account Summary

	Recharged Recycled Account					Quantified (Pre 7/1/2000) Account					New (Post 7/1/2000) Account					Combined
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	Ending Balance
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	8,985.3	(6.3)	983.4	0.0	9,962.4	4,796.1	(3.4)	0.0	0.0	4,792.8	0.0	0.0	0.0	0.0	0.0	14,755.2
Chino, City Of	7,322.3	(5.1)	1,197.4	0.0	8,514.5	1,053.2	(0.7)	0.0	0.0	1,052.5	1,929.3	(1.4)	0.0	0.0	1,928.0	11,495.0
Cucamonga Valley Water District	24,058.7	(16.8)	2,739.9	0.0	26,781.8	10,708.4	(7.5)	0.0	0.0	10,700.9	638.8	(0.4)	0.0	0.0	638.4	38,121.0
Desalter Authority	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310.5	(0.2)	0.0	0.0	310.3	310.3
Fontana, City Of	44.1	0.0	0.0	0.0	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1
Golden State Water Company	0.0	0.0	0.0	0.0	0.0	1,390.9	(1.0)	0.0	0.0	1,390.0	57.3	0.0	0.0	0.0	57.2	1,447.2
Jurupa Community Services District	4,839.2	(3.4)	0.0	0.0	4,835.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,835.8
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0	751.7	(0.5)	(197.8)	0.0	553.5	0.0	0.0	0.0	0.0	0.0	553.5
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0	5,457.7	(3.8)	0.0	0.0	5,453.9	0.0	0.0	0.0	0.0	0.0	5,453.9
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0	3,381.2	(2.4)	0.0	0.0	3,378.9	0.0	0.0	501.6	(500.0)	1.6	3,380.5
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	718.6	(0.5)	(109.0)	(500.0)	109.1	109.1
Nicholson Trust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.5	(0.1)	0.0	0.0	96.4	96.4
Ontario, City Of	39,062.3	(27.3)	4,700.7	0.0	43,735.6	8,061.4	(5.6)	0.0	0.0	8,055.7	0.0	0.0	0.0	0.0	0.0	51,791.4
Pomona, City Of	0.0	0.0	0.0	0.0	0.0	10,927.4	(7.6)	0.0	0.0	10,919.7	1,562.0	(1.1)	0.0	0.0	1,560.9	12,480.6
San Antonio Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,968.4	(1.4)	1,632.4	0.0	3,599.5	3,599.5
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481.8	(0.3)	0.0	0.0	481.4	481.4
Upland, City Of	9,842.6	(6.9)	1,047.0	0.0	10,882.7	5,811.3	(4.1)	0.0	0.0	5,807.2	0.0	0.0	0.0	0.0	0.0	16,690.0
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	453.2	(0.3)	0.0	0.0	452.8	452.8
West Valley Water District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	308.1	(0.2)	0.0	0.0	307.9	307.9
	94,154.4	(65.9)	10,668.4	0.0	104,756.9	52,339.4	(36.6)	(197.8)	0.0	52,105.0	8,524.5	(6.0)	2,025.1	(1,000.0)	9,543.6	166,405.6
	12A	12B	12C	12D	12E	12F	12G	12H	12I	12J	12K	12L	12M	12N	12O	12P

p12:
1) MVWD injected 501.647 AF of water in FY 2018/19, 500 AF of it was sold to Watermaster to go towards Production Year 2017/18 replenishment obligations.



Assessment Year 2019-2020 (Production Year 2018-2019)

Other Storage and Replenishment Accounts

DESALTER REPLENISHMENT

	Beginning Balance	Water Purchases	Transfers To	Transfers From	Ending Balance
CONTROLLED OVERDRAFT AND OFFSETS					
Re-Op Offset Pre-Peace II / CDA	1,286.7	.....	0.0	0.0	1,286.7
Re-Op Offset Peace II Expansion	112,500.0	.....	0.0	(12,500.0)	100,000.0
Non-Ag OBMP Special Assessment	0.0	.....	735.0	(735.0)	0.0
Non-Ag Dedication	0.0	.....	0.0	0.0	0.0
	113,786.7		735.0	(13,235.0)	101,286.7

PREEMPTIVE REPLENISHMENT

Arrowhead Mtn Spring Water Co	0.0	0.0	18.5	(18.5)	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	1,929.5	0.0	0.0	(605.0)	1,324.5
Chino, City Of	0.0	0.0	0.0	0.0	0.0
Cucamonga Valley Water District	3,880.3	0.0	0.0	(1,405.7)	2,474.6
Fontana Union Water Company	727.4	0.0	0.0	(727.4)	0.0
Fontana Water Company	2,290.9	0.0	0.0	(686.8)	1,604.0
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services District	3,025.3	0.0	0.0	(2,050.9)	974.4
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0
Nicholson Trust	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	2,387.7	0.0	1,301.9	(3,689.6)	0.0
Pomona, City Of	3,266.4	0.0	0.0	(3,034.1)	232.4
San Antonio Water Company	1,046.9	0.0	0.0	(337.7)	709.2
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0
Upland, City Of	1,850.0	0.0	0.0	(741.9)	1,108.1
West End Consolidated Water Co	511.4	0.0	0.0	(197.0)	314.3
West Valley Water District	0.0	0.0	0.0	0.0	0.0
	20,915.8	0.0	1,320.4	(13,494.6)	8,741.6

13A

13B

13C

13D

13E

STORAGE AND RECOVERY

	Beginning Balance	Storage Loss	Transfers To	Transfers From	Ending Balance
METROPOLITAN WATER DISTRICT					
Dry Year Yield / Conjunctive Use Program	41,380.0	(29.0)	4,617.4	0.0	45,968.5
	13F	13G	13H	13I	13J

p13: The 2011Preemptive Replenishment accounts were depleted and have been removed from this Assessment Package.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Transaction Summary

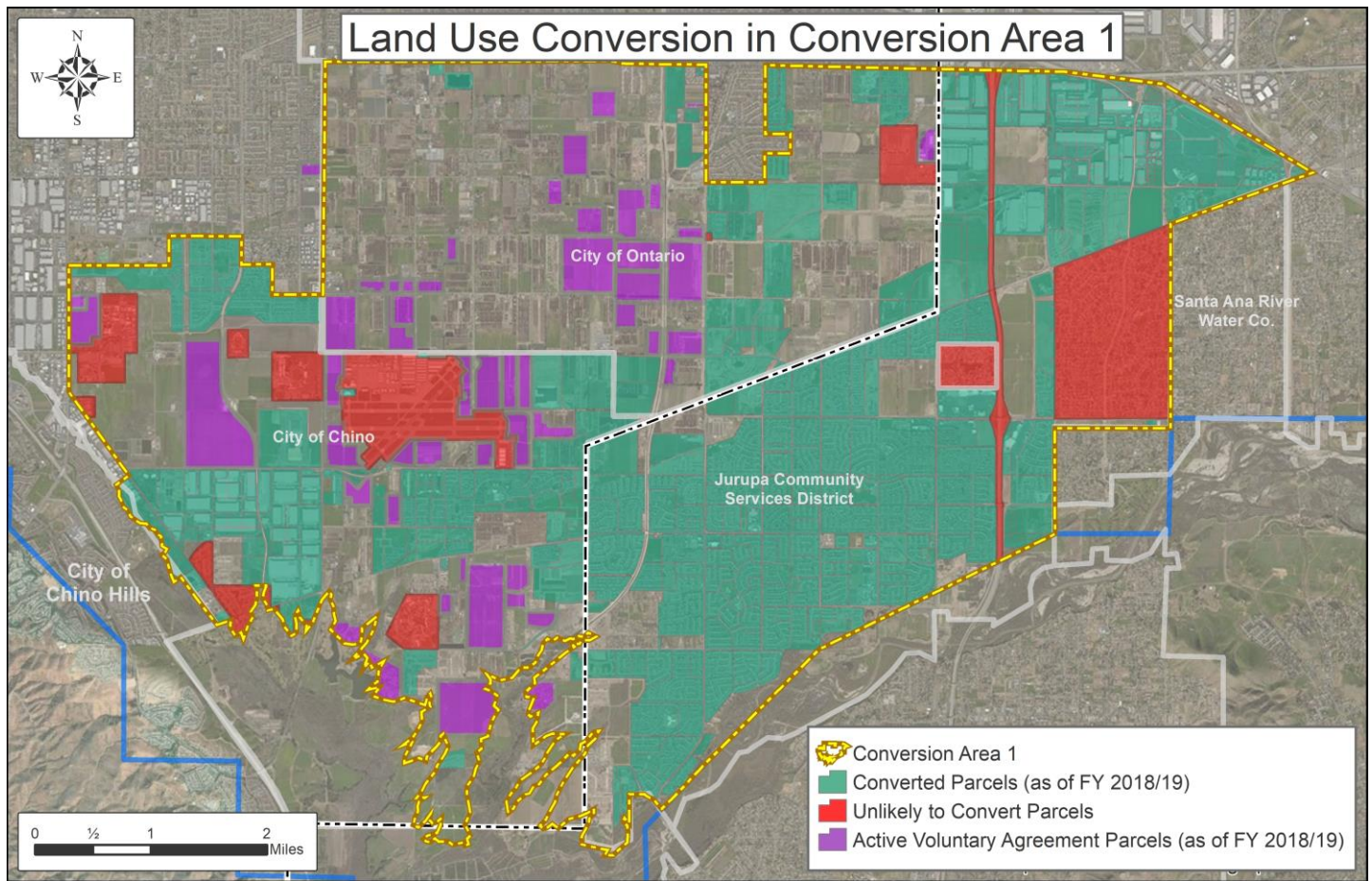
	Water Transactions				Total Water Transactions
	Assigned Rights	General Transfer	Transfers (To) / From ECO Account	Transfers (To) Desalter Replenishment	
Arrowhead Mtn Spring Water Co	0.0	18.5	215.9	(18.5)	215.9
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	0.0	0.0	0.0	0.0	0.0
Chino, City Of	0.0	0.0	0.0	0.0	0.0
Cucamonga Valley Water District	(2,700.0)	8,844.8	0.0	0.0	6,144.8
Desalter Authority	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	(8,844.8)	0.0	0.0	(8,844.8)
Fontana Water Company	7,500.0	0.0	1,624.2	0.0	9,124.2
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services District	200.0	0.0	(200.0)	0.0	0.0
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	(500.0)	0.0	500.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	500.0	0.0	500.0
Nicholson Trust	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	0.0	1,301.9	0.0	(1,301.9)	0.0
Pomona, City Of	(3,800.0)	0.0	3,800.0	0.0	0.0
San Antonio Water Company	0.0	0.0	0.0	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0
Upland, City Of	0.0	0.0	0.0	0.0	0.0
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0
West Valley Water District	(1,000.0)	0.0	1,000.0	0.0	0.0
	(300.0)	1,320.4	7,440.1	(1,320.4)	7,140.1
	14A	14B	14C	14D	14E



Assessment Year 2019-2020 (Production Year 2018-2019)

Land Use Conversion Summary

	Prior Conversion	Conversion @ 1.3 af/ac		Total Prior to Peace Agrmt Converted AF	Conversion @ 2.0 af/ac		Total Land Use Conversion Acre-Feet
		Acres	Acre-Feet		Acres	Acre-Feet	
Chino Hills, City Of	0.0	670.266	871.3	871.3	203.334	406.7	1,278.0
Chino, City Of	196.2	1,454.750	1,891.2	2,087.4	3,307.614	6,615.2	8,702.6
Cucamonga Valley Water District	0.0	460.280	598.4	598.4	0.000	0.0	598.4
Fontana Water Company	0.0	0.000	0.0	0.0	417.000	834.0	834.0
Jurupa Community Services District	0.0	2,756.920	3,584.0	3,584.0	5,664.498	11,329.0	14,913.0
Monte Vista Water District	0.0	28.150	36.6	36.6	15.510	31.0	67.6
Ontario, City Of	209.4	527.044	685.2	894.6	1,342.136	2,684.3	3,578.8
	405.6	5,897.410	7,666.6	8,072.3	10,950.092	21,900.2	29,972.5
	15A	15B	15C	15D	15E	15F	15G





Assessment Year 2019-2020 (Production Year 2018-2019)

Agricultural Pool Reallocation Summary

		% Share of Operating Safe Yield	Reallocation of Agricultural Pool Safe Yield			
			Safe Yield Reduction¹	Land Use Conversions	Early Transfer	Total AG Pool Reallocation
Arrowhead Mtn Spring Water Co		0.000%	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)		0.000%	0.0	0.0	0.0	0.0
Chino Hills, City Of		3.851%	192.6	1,278.0	1,002.9	2,473.4
Chino, City Of		7.357%	367.9	8,702.6	1,915.9	10,986.4
Cucamonga Valley Water District		6.601%	330.1	598.4	1,719.0	2,647.4
Desalter Authority		0.000%	0.0	0.0	0.0	0.0
Fontana Union Water Company		11.657%	582.9	0.0	3,035.7	3,618.5
Fontana Water Company		0.002%	0.1	834.0	0.5	834.6
Fontana, City Of		0.000%	0.0	0.0	0.0	0.0
Golden State Water Company		0.750%	37.5	0.0	195.3	232.8
Jurupa Community Services District		3.759%	188.0	14,913.0	978.9	16,079.8
Marygold Mutual Water Company		1.195%	59.8	0.0	311.2	370.9
Monte Vista Irrigation Company		1.234%	61.7	0.0	321.4	383.1
Monte Vista Water District		8.797%	439.9	67.6	2,290.9	2,798.4
NCL Co, LLC		0.000%	0.0	0.0	0.0	0.0
Niagara Bottling, LLC		0.000%	0.0	0.0	0.0	0.0
Nicholson Trust		0.007%	0.4	0.0	1.8	2.2
Norco, City Of		0.368%	18.4	0.0	95.8	114.2
Ontario, City Of		20.742%	1,037.1	3,578.8	5,401.6	10,017.5
Pomona, City Of		20.454%	1,022.7	0.0	5,326.6	6,349.3
San Antonio Water Company		2.748%	137.4	0.0	715.6	853.0
San Bernardino, County of (Shooting Park)		0.000%	0.0	0.0	0.0	0.0
Santa Ana River Water Company		2.373%	118.7	0.0	618.0	736.6
Upland, City Of		5.202%	260.1	0.0	1,354.7	1,614.8
West End Consolidated Water Co		1.728%	86.4	0.0	450.0	536.4
West Valley Water District		1.175%	58.8	0.0	306.0	364.7
		100%	5,000.0	29,972.5	26,041.7	61,014.1
Agricultural Pool Safe Yield	82,800.0					
Agricultural Pool Production	(21,785.9)	16A	16B	16C	16D	16E
Safe Yield Reduction¹	(5,000.0)					
Land Use Conversions	(29,972.5)					
Early Transfer [16D]	26,041.7					

p16:

¹ Paragraph 10, Subdivision (a)(1) of Exhibit "H" of the Judgment states "to supplement, in the particular year, water available from Operating Safe Yield to compensate for any reduction in the Safe Yield by reason of recalculation thereof after the tenth year of operation hereunder."



Assessment Year 2019-2020 (Production Year 2018-2019)

Cumulative Unmet Replenishment Obligation (CURO)

Remaining Replenishment Obligation:	AF	Replenishment Rates	
Appropriative - 100	0.5	2019 Rate	\$743.00
Appropriative - 15/85	0.0	2018 Rate	\$697.00
Non-Agricultural - 100	0.0		
	0.5		

Pool 3 Appropriative

Company	Outstanding Obligation (AF)	Fund Balance (\$)	Outstanding Obligation (\$)	AF Production and Exchanges	85/15 Producers	Percent	15%	85%	100%	Total
Arrowhead Mtn Spring Water Co	0.0	\$0.00	\$0.00	285.4	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
CalMat Co. (Appropriative)	0.0	\$0.00	\$0.00	0.0	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
Chino Hills, City Of	0.0	\$0.00	\$0.00	1,540.0	1,540.0	2.510%	\$2.31	\$0.00	x x x x x x x x x x	\$2.31
Chino, City Of	0.0	\$0.00	\$0.00	1,365.0	1,365.0	2.225%	\$2.05	\$0.00	x x x x x x x x x x	\$2.05
Cucamonga Valley Water District	0.0	\$0.00	\$0.00	9,623.8	9,623.8	15.685%	\$14.43	\$0.00	x x x x x x x x x x	\$14.43
Desalter Authority	0.0	\$0.00	\$0.00	31,199.2	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	x x x x x x x x x x	\$0.00
Fontana Union Water Company	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Fontana Water Company	0.0	\$0.00	\$0.00	9,960.6	9,960.6	16.234%	\$14.93	\$0.00	x x x x x x x x x x	\$14.93
Fontana, City Of	0.0	\$0.00	\$0.00	0.0	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
Golden State Water Company	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Jurupa Community Services District	0.0	\$0.00	\$0.00	13,529.6	13,529.6	22.051%	\$20.28	\$0.00	x x x x x x x x x x	\$20.28
Marygold Mutual Water Company	0.0	\$0.00	\$0.00	949.8	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
Monte Vista Irrigation Company	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Monte Vista Water District	0.0	\$0.00	\$0.00	6,483.1	6,483.1	10.566%	\$9.72	\$0.00	x x x x x x x x x x	\$9.72
NCL Co, LLC	0.0	\$0.00	\$0.00	0.0	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
Niagara Bottling, LLC	0.5	(\$58,767.22)	\$59,160.27	1,683.1	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$59,160.27	\$59,160.27
Nicholson Trust	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Norco, City Of	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Ontario, City Of	0.0	\$0.00	\$0.00	16,169.1	16,169.1	26.353%	\$24.24	\$0.00	x x x x x x x x x x	\$24.24
Pomona, City Of	0.0	\$0.00	\$0.00	10,839.5	x x x x x x x x x x	0.000%	x x x x x x x x x x	x x x x x x x x x x	\$0.00	\$0.00
San Antonio Water Company	0.0	\$0.00	\$0.00	376.2	376.2	0.613%	\$0.56	\$0.00	x x x x x x x x x x	\$0.56
San Bernardino, County of (Shooting Park)	0.0	(\$609.47)	\$613.19	10.8	10.8	0.018%	\$0.02	\$521.21	x x x x x x x x x x	\$521.23
Santa Ana River Water Company	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Upland, City Of	0.0	\$0.00	\$0.00	2,298.0	2,298.0	3.745%	\$3.44	\$0.00	x x x x x x x x x x	\$3.44
West End Consolidated Water Co	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
West Valley Water District	0.0	\$0.00	\$0.00	0.0	0.0	0.000%	\$0.00	\$0.00	x x x x x x x x x x	\$0.00
Pool 3 Appropriative Total	0.5	(\$59,376.69)	\$59,773.46	106,313.4	61,356.2	100.000%	\$91.98	\$521.21	\$59,160.27	\$59,773.46
	17A	17B	17C	17D	17E	17F	17G	17H	17I	17J

p17:
1) The 2019 rate includes a \$10 surcharge from Three Valleys Municipal Water District.



Assessment Year 2019-2020 (Production Year 2018-2019)

Desalter Replenishment Accounting¹

Production Year	Desalter Production			Desalter Replenishment									Remaining Desalter Replenishment Obligation ^{4,7} PIIA, 6.2(b)(iii)
	Pre-Peace II Desalter Production	Peace II Desalter Expansion Production ²	Total	Desalter (aka Kaiser) Account PIIA, 6.2 (a)(i)	Paragraph 31 Settlement Agreements Dedication ³ PIIA, 6.2(a)(ii)	"Leave Behind" Losses PIIA, 6.2(a)(iv)	Safe Yield Contributed by Parties PIIA, 6.2(a)(v)	Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi)			Appropriative Pool DRO Contribution PIIA, 6.2(b)(ii)	Non-Ag OBMP Assessment (10% Haircut) ⁶ PIIA, 6.2(b)(i)	
								Allocation to Pre-Peace II Desalters ⁴	Allocation to All Desalters ⁵	Balance			
2000 / 2001	7,989.0	0.0	7,989.0	3,994.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,994.5
2001 / 2002	9,457.8	0.0	9,457.8	4,728.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,728.9
2002 / 2003	10,438.5	0.0	10,438.5	5,219.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,219.3
2003 / 2004	10,605.0	0.0	10,605.0	5,302.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,302.5
2004 / 2005	9,853.6	0.0	9,853.6	4,926.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,926.8
2005 / 2006	16,475.8	0.0	16,475.8	11,579.1	0.0	0.0	0.0	0.0	0.0	400,000.0	0.0	0.0	4,896.7
2006 / 2007	26,356.2	0.0	26,356.2	608.4	4,273.1	0.0	0.0	21,474.7	0.0	378,525.3	0.0	0.0	0.0
2007 / 2008	26,972.1	0.0	26,972.1	0.0	0.0	0.0	0.0	26,972.1	0.0	351,553.2	0.0	0.0	0.0
2008 / 2009	32,920.5	0.0	32,920.5	0.0	0.0	0.0	0.0	61,989.1	0.0	289,564.1	0.0	0.0	(29,068.6)
2009 / 2010	28,516.7	0.0	28,516.7	0.0	0.0	0.0	0.0	28,516.7	0.0	261,047.4	0.0	0.0	0.0
2010 / 2011	29,318.7	0.0	29,318.7	0.0	0.0	0.0	0.0	29,318.7	0.0	231,728.7	0.0	0.0	0.0
2011 / 2012	28,378.9	0.0	28,378.9	0.0	0.0	0.0	0.0	28,378.9	0.0	203,349.7	0.0	0.0	0.0
2012 / 2013	27,061.7	0.0	27,061.7	0.0	0.0	0.0	0.0	27,061.7	0.0	176,288.1	0.0	0.0	0.0
2013 / 2014	29,228.0	14.6	29,242.6	0.0	0.0	0.0	0.0	0.0	12,500.0	163,788.1	10,000.0	0.0	6,742.6
2014 / 2015	29,541.3	448.7	29,990.0	0.0	0.0	0.0	0.0	0.0	12,500.0	151,288.1	10,000.0	0.0	7,490.0
2015 / 2016	27,008.8	1,154.1	28,162.9	0.0	0.0	0.0	0.0	0.0	12,500.0	138,788.1	10,000.0	0.0	5,662.9
2016 / 2017	26,725.6	1,527.2	28,252.8	0.0	0.0	0.0	0.0	0.0	12,500.0	126,288.1	10,000.0	735.0	5,017.8
2017 / 2018	28,589.8	1,462.5	30,052.3	0.0	0.0	0.0	0.0	0.0	12,500.0	113,788.1	10,000.0	735.0	6,817.3
2018 / 2019	25,502.9	5,696.3	31,199.2	0.0	0.0	0.0	0.0	0.0	12,500.0	101,288.1	10,000.0	735.0	7,964.2
2019 / 2020	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	88,788.1	10,000.0	735.0	16,765.0
2020 / 2021	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	76,288.1	10,000.0	735.0	16,765.0
2021 / 2022	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	63,788.1	10,000.0	735.0	16,765.0
2022 / 2023	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	51,288.1	10,000.0	735.0	16,765.0
2023 / 2024	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	38,788.1	10,000.0	735.0	16,765.0
2024 / 2025	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	12,500.0	26,288.1	10,000.0	735.0	16,765.0
2025 / 2026	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	5,000.0	21,288.1	10,000.0	735.0	24,265.0
2026 / 2027	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	5,000.0	16,288.1	10,000.0	735.0	24,265.0
2027 / 2028	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	5,000.0	11,288.1	10,000.0	735.0	24,265.0
2028 / 2029	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	5,000.0	6,288.1	10,000.0	735.0	24,265.0
2029 / 2030	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0	0.0	0.0	5,000.0	1,288.1	10,000.0	735.0	24,265.0
	760,941.0	120,303.4	881,244.3	36,359.6	4,273.1	0.0	0.0	223,711.9	175,000.0		170,000.0	10,290.5	261,609.7
	18A	18B	18C	18D	18E	18F	18G	18H	18I	18J	18K	18L	18M

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¹ Original table format and content: WEI, Response to Condition Subsequent Number 7, November 2008. Table has since been revised as a result of the March 15, 2019 Court Order.

² Peace II Desalter Expansion was anticipated to have an annual production of approximately 10,000 AF.

³ 3,956.877 acre-feet + 316.177 acre-feet added as Non-Ag dedicated stored water per Paragraph 31 Settlement Agreements. Per Agreements, the water is deemed to have been dedicated as of June 30, 2007.

⁴ Six years of Desalter tracking (Production Year 2000-2001 through Production Year 2005/2006) may have incorrectly assumed that a significant portion of Desalter production was being offset by Desalter Induced Recharge. Condition Subsequent 7 included an adjustment of 29,070 AF against Desalter replenishment in Production Year 2008/2009.

⁵ Pursuant to section 7.2(e)(ii) of the Peace II Agreement, the initial schedule for the Peace II Desalter Expansion controlled overdraft of 175,000 acre-feet had been amended to be allocated to Desalter replenishment over a 17-year period, beginning in 2013/14 and ending in 2029/30.

⁶ For the first 10 years following the Peace II Agreement (2006/2007 through 2015/2016), the Non-Ag "10% Haircut" water is apportioned among the specific seven members of the Appropriative Pool, per PIIA 9.2(a). In the eleventh year and in each year thereafter, it is dedicated to Watermaster to further offset desalter replenishment. However, to the extent there is no remaining desalter replenishment obligation in any year after applying the offsets set forth in 6.2(a), it will be distributed pro rata among the members of the Appropriative Pool based upon each Producer's combined total share of OSY and the previous year's actual production.

⁷ Per the Peace II Agreement, Section 6.2(b)(iii) (as amended by the March 15, 2019 Court Order), the Remaining Desalter Replenishment Obligation is to be assessed against the Appropriative Pool, pro-rata based on each Producer's combined total share of OSY and their Adjusted Physical Production.



Assessment Year 2019-2020 (Production Year 2018-2019)

Desalter Replenishment Obligation Contribution

	Percent of Operating Safe Yield	Land Use Conversions	Percent of Land Use Conversions	85% DROC Based on % OSY	15% DROC Based on % of LUC	Total DRO Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.0	0.000%	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.000%	0.0	0.000%	0.0	0.0	0.0
Chino Hills, City Of	3.851%	1,278.0	4.264%	327.3	64.0	391.3
Chino, City Of	7.357%	8,702.6	29.035%	625.3	435.5	1,060.9
Cucamonga Valley Water District	6.601%	598.4	1.996%	561.1	29.9	591.0
Fontana Union Water Company	11.657%	0.0	0.000%	990.8	0.0	990.8
Fontana Water Company	0.002%	834.0	2.783%	0.2	41.7	41.9
Fontana, City Of	0.000%	0.0	0.000%	0.0	0.0	0.0
Golden State Water Company	0.750%	0.0	0.000%	63.8	0.0	63.8
Jurupa Community Services District	3.759%	14,913.0	49.756%	319.5	746.3	1,065.8
Marygold Mutual Water Company	1.195%	0.0	0.000%	101.6	0.0	101.6
Monte Vista Irrigation Company	1.234%	0.0	0.000%	104.9	0.0	104.9
Monte Vista Water District	8.797%	67.6	0.226%	747.7	3.4	751.1
NCL Co, LLC	0.000%	0.0	0.000%	0.0	0.0	0.0
Niagara Bottling, LLC	0.000%	0.0	0.000%	0.0	0.0	0.0
Nicholson Trust	0.007%	0.0	0.000%	0.6	0.0	0.6
Norco, City Of	0.368%	0.0	0.000%	31.3	0.0	31.3
Ontario, City Of	20.742%	3,578.8	11.940%	1,763.1	179.1	1,942.2
Pomona, City Of	20.454%	0.0	0.000%	1,738.6	0.0	1,738.6
San Antonio Water Company	2.748%	0.0	0.000%	233.6	0.0	233.6
San Bernardino, County of (Shooting Park)	0.000%	0.0	0.000%	0.0	0.0	0.0
Santa Ana River Water Company	2.373%	0.0	0.000%	201.7	0.0	201.7
Upland, City Of	5.202%	0.0	0.000%	442.2	0.0	442.2
West End Consolidated Water Co	1.728%	0.0	0.000%	146.9	0.0	146.9
West Valley Water District	1.175%	0.0	0.000%	99.9	0.0	99.9
	100.000%	29,972.5	100.000%	8,500.0	1,500.0	10,000.0
	19A	19B	19C	19D	19E	19F

p19:

Section 6.2(b)(ii) of the Peace II Agreement as the amendment is shown in the March 15, 2019 Court Order states: "The members of the Appropriative Pool will contribute a total of 10,000 afy toward Desalter replenishment, allocated among the Appropriative Pool members as follows: 1) 85% of the total (8,500 afy) will be allocated according to the Operating Safe Yield percentage of each Appropriative Pool members; and 2) 15% of the total (1,500 afy) will be allocated according to each land use conversion agency's percentage of the total land use conversion claims. The formula is to be adjusted annually based on the actual land use conversion allocations of the year."



Assessment Year 2019-2020 (Production Year 2018-2019)

Remaining Desalter Replenishment Obligation (RDRO)

	Assigned Share of Operating Safe Yield	CALCULATING THE ADJUSTED PHYSICAL PRODUCTION						ALLOCATING THE RDRO		
		Physical Production	50% of Voluntary Agreements with Ag	Assignments with Non-Ag	Storage and Recovery Programs	Other Adjustments	Total Adjusted Physical Production	Total Production and OSY Basis (20A+20G)	Percentage (20H) / Sum(20H)	Total Remaining Desalter Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	285.4	0.0	0.0	0.0	0.0	285.4	285.4	0.232%	18.5
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.0
Chino Hills, City Of	1,726.6	1,608.4	(34.2)	0.0	0.0	0.0	1,574.2	3,300.8	2.683%	213.7
Chino, City Of	3,298.4	4,315.0	(1,446.5)	(57.0)	0.0	0.0	2,811.5	6,109.9	4.967%	395.6
Cucamonga Valley Water District	2,959.5	9,623.8	0.0	0.0	0.0	0.0	9,623.8	12,583.3	10.229%	814.7
Fontana Union Water Company	5,226.3	0.0	0.0	0.0	0.0	0.0	0.0	5,226.3	4.248%	338.4
Fontana Water Company	0.9	9,960.6	0.0	0.0	0.0	0.0	9,960.6	9,961.5	8.098%	644.9
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.0
Golden State Water Company	336.3	0.0	0.0	0.0	0.0	0.0	0.0	336.3	0.273%	21.8
Jurupa Community Services District	1,685.3	13,893.6	0.0	(397.3)	0.0	33.3	13,529.6	15,214.9	12.368%	985.0
Marygold Mutual Water Company	535.8	949.8	0.0	0.0	0.0	0.0	949.8	1,485.6	1.208%	96.2
Monte Vista Irrigation Company	553.3	0.0	0.0	0.0	0.0	0.0	0.0	553.3	0.450%	35.8
Monte Vista Water District	3,944.0	6,631.0	(63.8)	(15.0)	0.0	(5.2)	6,547.0	10,491.0	8.528%	679.2
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.0
Niagara Bottling, LLC	0.0	1,683.1	0.0	0.0	0.0	0.0	1,683.1	1,683.1	1.368%	109.0
Nicholson Trust	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.003%	0.2
Norco, City Of	165.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0	0.134%	10.7
Ontario, City Of	9,299.5	20,722.5	(1,522.6)	(1,508.1)	0.0	0.0	17,691.8	26,991.2	21.941%	1,747.5
Pomona, City Of	9,170.3	10,839.5	0.0	0.0	0.0	0.0	10,839.5	20,009.9	16.266%	1,295.5
San Antonio Water Company	1,232.0	376.2	0.0	0.0	0.0	0.0	376.2	1,608.3	1.307%	104.1
San Bernardino, County of (Shooting Park)	0.0	10.8	0.0	0.0	0.0	0.0	10.8	10.8	0.009%	0.7
Santa Ana River Water Company	1,063.9	0.0	0.0	0.0	0.0	0.0	0.0	1,063.9	0.865%	68.9
Upland, City Of	2,332.3	2,380.5	0.0	0.0	0.0	(82.6)	2,298.0	4,630.2	3.764%	299.8
West End Consolidated Water Co	774.7	0.0	0.0	0.0	0.0	0.0	0.0	774.7	0.630%	50.2
West Valley Water District	526.8	0.0	0.0	0.0	0.0	0.0	0.0	526.8	0.428%	34.1
44,834.0		83,280.3	(3,067.1)	(1,977.4)	0.0	(54.5)	78,181.3	123,015.3	100.000%	7,964.2
20A		20B	20C	20D	20E	20F	20G	20H	20I	20J

p20:
Section 6.2(b)(iii) of the Peace II Agreement as the amendment is shown in the March 15, 2019 Court Order states: "A Replenishment Assessment against the Appropriative Pool for any remaining Desalter replenishment obligation after applying both 6(b)(i) and 6(b)(ii), allocated pro-rata to each Appropriative Pool member according to the combined total of the member's share of Operating Safe Yield and the member's Adjusted Physical Production."



Assessment Year 2019-2020 (Production Year 2018-2019)

Desalter Replenishment Summary

	Desalter Replenishment Obligation in AF			Total DRO Fulfillment Activity							Assessments	
	Desalter Replenishment Obligation Contribution	Remaining Desalter Replenishment Obligation	Total Desalter Replenishment Obligation	Transfer from Preemptive Replenishment Account	Transfer from Excess Carry Over Storage Account	Transfer from Recharged Recycle Storage Account	Transfer from Quantified Storage Account	Transfer from Post 7/1/2000 Storage Account	Replenishment Water Purchase	Total Transfers and Water Purchases	Residual DRO (AF)	Assessmnets Due On Residual DRO (\$)
Arrowhead Mtn Spring Water Co	0.0	(18.5)	(18.5)	18.5	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.00
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Chino Hills, City Of	(391.3)	(213.7)	(605.0)	605.0	0.0	0.0	0.0	0.0	0.0	605.0	0.0	0.00
Chino, City Of	(1,060.9)	(395.6)	(1,456.4)	0.0	1,456.4	0.0	0.0	0.0	0.0	1,456.4	0.0	0.00
Cucamonga Valley Water District	(591.0)	(814.7)	(1,405.7)	1,405.7	0.0	0.0	0.0	0.0	0.0	1,405.7	0.0	0.00
Fontana Union Water Company	(990.8)	(338.4)	(1,329.2)	727.4	601.8	0.0	0.0	0.0	0.0	1,329.2	0.0	0.00
Fontana Water Company	(41.9)	(644.9)	(686.8)	686.8	0.0	0.0	0.0	0.0	0.0	686.8	0.0	0.00
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Golden State Water Company	(63.8)	(21.8)	(85.5)	0.0	85.5	0.0	0.0	0.0	0.0	85.5	0.0	0.00
Jurupa Community Services District	(1,065.9)	(985.0)	(2,050.9)	2,050.9	0.0	0.0	0.0	0.0	0.0	2,050.9	0.0	0.00
Marygold Mutual Water Company	(101.6)	(96.2)	(197.8)	0.0	0.0	0.0	197.8	0.0	0.0	197.8	0.0	0.00
Monte Vista Irrigation Company	(104.9)	(35.8)	(140.7)	0.0	140.7	0.0	0.0	0.0	0.0	140.7	0.0	0.00
Monte Vista Water District	(751.1)	(679.2)	(1,430.3)	0.0	952.3	478.0	0.0	0.0	0.0	1,430.3	0.0	0.00
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Niagara Bottling, LLC	0.0	(109.0)	(109.0)	0.0	0.0	0.0	0.0	109.0	0.0	109.0	0.0	0.00
Nicholson Trust	(0.6)	(0.2)	(0.8)	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.0	0.00
Norco, City Of	(31.3)	(10.7)	(42.0)	0.0	42.0	0.0	0.0	0.0	0.0	42.0	0.0	0.00
Ontario, City Of	(1,942.2)	(1,747.5)	(3,689.6)	3,689.6	0.0	0.0	0.0	0.0	0.0	3,689.6	0.0	0.00
Pomona, City Of	(1,738.6)	(1,295.5)	(3,034.1)	3,034.1	0.0	0.0	0.0	0.0	0.0	3,034.1	0.0	0.00
San Antonio Water Company	(233.6)	(104.1)	(337.7)	337.7	0.0	0.0	0.0	0.0	0.0	337.7	0.0	0.00
San Bernardino, County of (Shooting Park)	0.0	(0.7)	(0.7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(0.7)	517.87
Santa Ana River Water Company	(201.7)	(68.9)	(270.6)	0.0	270.6	0.0	0.0	0.0	0.0	270.6	0.0	0.00
Upland, City Of	(442.2)	(299.8)	(741.9)	741.9	0.0	0.0	0.0	0.0	0.0	741.9	0.0	0.00
West End Consolidated Water Co	(146.9)	(50.2)	(197.0)	197.0	0.0	0.0	0.0	0.0	0.0	197.0	0.0	0.00
West Valley Water District	(99.9)	(34.1)	(134.0)	0.0	134.0	0.0	0.0	0.0	0.0	134.0	0.0	0.00
	(10,000.0)	(7,964.2)	(17,964.2)	13,494.6	3,684.1	478.0	197.8	109.0	0.0	17,963.5	(0.7)	517.87
	21A	21B	21C	21D	21E	21F	21G	21H	21I	21J	21K	21L

p21:
1) Water held in a Preemptive Replenishment Account is utilized first to satisfy new or carried over Desalter Replenishment Obligation beginning with the fiscal year such water was made available.
2) The "Carry Over DRO Balance" column has been removed beginning with this Assessment Package. Residual DRO balances are no longer carried over to the proceeding year, it was only allowed during the revision process of the previous five Assessment Packages.
3) Cucamonga Valley Water District transferred 601.805 AF from their Excess Carry Over storage account to satisfy a portion of Fontana Union Water Company's DRO.
4) California Speedway dedicated 18.478 AF to satisfy Arrowhead's 2019/20 DRO pursuant to an Exhibit "G" Paragraph Form A.
5) City of Ontario (Non-Ag) transferred 1,301.938 AF from their ECO storage account through Exhibit "G" Paragraph 10 Form A to satisfy City of Ontario's 2019/20 DRO.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Calculation - Includes "10% Administrative and 15% OBMP/Project Operating Reserves"

PRODUCTION BASIS

2017/2018 Production and Exchanges in Acre-Feet (Actuals)

2018/2019 Production and Exchanges in Acre-Feet (Actuals)

BUDGET

Administration, Advisory Committee and Watermaster Board¹

OBMP and Implementation Projects¹

General Admin and OBMP Assessments

TOTAL BUDGET

Less: Budgeted Interest Income

Less: Contributions from Outside Agencies

Subtotal: CASH DEMAND

Add: OPERATING RESERVE

Administrative (10%)

OBMP (15%)

Less: Cash on Hand Available for Assessments²

Total: CASH REQUIRED TO BE ASSESSED

Current Year Assessments

General Administration/OBMP Assessments (Minimum \$5.00 Per Producer)

Grand Total

Prior Year Assessments, (Actuals) Information Only

Grand Total

Variance Between Proposed Assessments and Prior Year Assessments

Grand Total

Estimated Assessment as of "Approved" Budget May 23, 2019, Information Only

Grand Total

FY 2018/19 Budget	FY 2019/20 Budget	ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL			
		109,415.299	76,859.928	70.246%	28,460.605	26.012%	4,094.766	3.742%		
		100,761.006	75,114.142	74.547%	21,785.871	21.621%	3,860.993	3.832%		
		\$2,046,203	\$2,410,259	\$2,410,259	General Administration	OBMP	General Administration	OBMP	General Administration	OBMP
					\$1,796,772		\$521,130		\$92,357	
						\$4,020,779		\$1,166,174		\$206,675
\$6,125,437	\$5,393,629	\$5,393,629								
\$8,171,640	\$7,803,888	\$7,803,888	\$1,796,772	\$4,020,779	\$521,130	\$1,166,174	\$92,357	\$206,675		
		\$7,803,888	\$1,796,772	\$4,020,779	\$521,130	\$1,166,174	\$92,357	\$206,675		
(\$63,968)	(\$75,124)	(\$75,124)		(\$56,003)		(\$16,243)		(\$2,879)		
(\$167,712)	(\$171,906)	(\$171,906)		(\$128,150)		(\$37,168)		(\$6,587)		
\$7,939,960	\$7,556,858	\$7,556,858	\$1,796,772	\$3,836,626	\$521,130	\$1,112,763	\$92,357	\$197,209		
\$204,620	\$241,026	\$241,026	\$179,677		\$52,113		\$9,236			
\$918,816	\$809,044	\$809,044		\$603,117		\$174,926		\$31,001		
(\$1,123,436)	(\$1,050,070)	(\$1,050,070)	(\$241,769)	(\$541,025)	(\$70,122)	(\$156,917)	(\$12,427)	(\$27,810)		
\$7,939,960	\$7,556,858	\$7,556,858	\$1,734,680	\$3,898,717	\$503,121	\$1,130,772	\$89,166	\$200,401		
[A] Per Acre-Foot										
			\$23.09	\$51.90	\$23.09	\$51.90	\$23.09	\$51.90		
				\$74.99		\$74.99		\$74.99		
			[B] Per Acre-Foot	\$18.00	\$54.57	\$18.00	\$54.57	\$18.00	\$54.57	
					\$72.57		\$72.57		\$72.57	
			[A] - [B]	\$5.09	(\$2.67)	\$5.09	(\$2.67)	\$5.09	(\$2.67)	
					\$2.42		\$2.42		\$2.42	
				\$20.74	\$46.60	\$20.74	\$46.60	\$20.74	\$46.60	
					\$67.34		\$67.34		\$67.34	

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¹ Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment, Recharge Improvement Projects, Replenishment Water Purchases, or RTS charges.

² June 30th fund balance (estimated) less funds required for Operating Reserves, Agricultural Pool Reserves, and Carryover replenishment obligations.



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Transaction Detail

Standard Transactions

To:	From:	Date of Submittal	Quantity	\$ / Acre Feet	Total \$	If 85/15 Rule Applies:		
						85%	15%	WM Pays
Chino Basin Watermaster	Monte Vista Water District Storage Account	6/30/2019	500.0	746.00	373,000.00			
<i>Purchased by Watermaster to be used toward Production Year 2017/18 replenishment obligation.</i>								
Cucamonga Valley Water District	Pomona, City Of Storage Account	3/25/2019	3,800.0	579.00	2,200,200.00			
	West Valley Water District Storage Account	12/11/2018	500.0	520.00	260,000.00			
	West Valley Water District Storage Account	7/11/2018	500.0	520.00	260,000.00			
Fontana Water Company	Cucamonga Valley Water District Annual Account	4/8/2019	7,500.0	526.32	3,947,400.00	3,355,290.00	592,110.00	Fontana Water Company
			12,800.0		7,040,600.00	3,355,290.00	592,110.00	

Exhibit G Transactions

To:	From:	Date of Submittal	Quantity	\$ / Acre Feet	Total \$	If 85/15 Rule Applies:		
						85%	15%	WM Pays
Watermaster (Exhibit G Non-Ag Transfers)	California Speedway Corporation <i>Exhibit "G" Water Sale</i>	3/1/2019	(62.4)	0.00	0.00			
	GenOn California South, LP <i>Exhibit "G" Water Sale</i>	3/1/2019	(135.0)	0.00	0.00			
	Monte Vista Water District (Non-Ag) <i>Exhibit "G" Water Sale</i>	3/1/2019	(2.6)	0.00	0.00			
Jurupa Community Services District	Watermaster (Exhibit G Non-Ag Transfer) <i>Exhibit "G" Water Sale, Placed Into Storage</i>	3/1/2019	200.0	655.00	131,000.00			
			200.0		131,000.00			

Total 15% Credits from all Transactions: **\$592,110.00**



Assessment Year 2019-2020 (Production Year 2018-2019)

Water Transaction Detail

Applied Recurring Transactions:

From:	To:	Quantity	\$ / Acre Feet	
Fontana Union Water Company Annual Account - Total AG SY Reallocation	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Total Ag SY to CVWD.</i>
Fontana Union Water Company Annual Account - Assigned Rights	Cucamonga Valley Water District Annual Account - Assigned Rights	All	0.00	<i>Transfer FUWC water transfer rights to CVWD.</i>
Fontana Union Water Company Annual Account - Transfer (To) / From	Cucamonga Valley Water District Annual Account - Transfer (To) / From	0.0	0.00	<i>Transfer FUWC water transfer rights to CVWD.</i>
Fontana Union Water Company Annual Account - Diff - Potential vs. Net	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Ag Pool Reallocation Difference (Potential vs. Net) to CVWD.</i>
Fontana Union Water Company Annual Account - Stormwater New Yield	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC New Yield to CVWD.</i>
Fontana Union Water Company Annual Account - Assigned Share of Operating Safe Yield	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Share of Safe Yield to CVWD.</i>

P23:

1) Only 200 AF out of 2,963.542 AF of water made available by the Non-Agricultural Pool was purchased through the Exhibit "G" water transaction. The amount was allocated pro-rata amongst MVWD (Non-Ag), GenOn California South, LP, and California Speedway Corporation based on total volume of water made available.



Assessment Year 2019-2020 (Production Year 2018-2019)

Analysis of the 85/15 Rule Application to Water Transfers

To	(Over)/Under Production Excluding Water Transfer(s)	From	Date of Submittal	Transfer Quantity	Is Buyer an 85/15 Party?	Is Transfer Being Placed into Annual Account?	Is Purpose of Transfer to Utilize SAWCO or West End Shares?	Amount of Transfer Eligible for 85/15 Rule
Watermaster (Exhibit G Non-Ag Transfers)	0.0	California Speedway Corporation <i>Exhibit "G" Water Sale</i>	3/1/2019	62.4	No	No	No	0.0
		GenOn California South, LP <i>Exhibit "G" Water Sale</i>	3/1/2019	135.0	No	No	No	0.0
		Monte Vista Water District (Non-Ag) <i>Exhibit "G" Water Sale</i>	3/1/2019	2.6	No	No	No	0.0
Chino Basin Watermaster	0.0	Monte Vista Water District Storage Account <i>Purchased by Watermaster to be used toward Production Year 2017/18 replenishment obligation.</i>	6/30/2019	500.0	No	No	No	0.0
Cucamonga Valley Water District	4,827.9	Pomona, City Of Storage Account	3/25/2019	3,800.0	Yes	Yes	No	0.0
		West Valley Water District Storage Account	12/11/2018	500.0	Yes	Yes	No	0.0
		West Valley Water District Storage Account	7/11/2018	500.0	Yes	Yes	No	0.0
Fontana Water Company	(9,124.2)	Cucamonga Valley Water District Annual Account	4/8/2019	7,500.0	Yes	Yes	No	7,500.0
Jurupa Community Services District	5,920.9	Watermaster (Exhibit G Non- Ag Transfer) <i>Exhibit "G" Water Sale, Placed Into Storage</i>	3/1/2019	200.0	Yes	No	No	0.0

p24:

1) Only 200 AF out of 2,963.542 AF of water made available by the Non-Agricultural Pool was purchased through the Exhibit "G" water transaction. The amount was allocated pro-rata amongst MVWD (Non-Ag), GenOn California South, LP, and California Speedway Corporation based on total volume of water made available.



Assessment Year 2019-2020 (Production Year 2018-2019)

Watermaster Replenishment Calculation

Cost of Replenishment Water per acre foot:

Watermaster Replenishment Cost	\$731.00
Projected Spreading - OCWD Connection Fee	\$2.00
Projected Spreading - Delivery Surcharge	\$10.00
Pre-purchased Credit	\$0.00
Total Replenishment Cost per acre foot (see footnote)	\$743.00

Replenishment Obligation:	AF @ \$743.00	15%	85%	Total
Appropriative - 100	1,252.7			\$930,730.84
Appropriative - 15/85	10.8	\$1,199.09	\$6,794.85	\$7,993.94
Non-Agricultural - 100	31.4			\$23,307.91
	1,294.8			\$962,032.69

Company	AF Production and Exchanges	85/15 Producers	Percent of Total 85/15 Producers	15% Replenishment Assessment	15% Water Transaction Debits
Arrowhead Mtn Spring Water Co	285.4			-	-
CalMat Co. (Appropriative)	0.0			-	-
Chino Hills, City Of	1,540.0	1,540.0	2.510%	\$30.10	\$14,861.87
Chino, City Of	1,365.0	1,365.0	2.225%	\$26.68	\$13,172.54
Cucamonga Valley Water District	9,623.8	9,623.8	15.685%	\$188.08	\$92,873.15
Desalter Authority	31,199.2			-	-
Fontana Union Water Company	0.0	0.0	0.000%	-	\$0.00
Fontana Water Company	9,960.6	9,960.6	16.234%	\$194.66	\$96,123.54
Fontana, City Of	0.0			-	-
Golden State Water Company	0.0	0.0	0.000%	\$0.00	\$0.41
Jurupa Community Services District	13,529.6	13,529.6	22.051%	\$264.41	\$130,565.60
Marygold Mutual Water Company	949.8			-	-
Monte Vista Irrigation Company	0.0	0.0	0.000%	-	\$0.00
Monte Vista Water District	6,483.1	6,483.1	10.566%	\$126.70	\$62,564.46
NCL Co, LLC	0.0			-	-
Niagara Bottling, LLC	1,683.1			-	-
Nicholson Trust	0.0	0.0	0.000%	-	\$0.00
Norco, City Of	0.0	0.0	0.000%	-	\$0.00
Ontario, City Of	16,169.1	16,169.1	26.353%	\$315.99	\$156,037.88
Pomona, City Of	10,839.5			-	-
San Antonio Water Company	376.2	376.2	0.613%	\$7.35	\$3,630.64
San Bernardino, County of (Shooting Park)	10.8	10.8	0.018%	\$0.21	\$103.83
Santa Ana River Water Company	0.0	0.0	0.000%	-	\$0.00
Upland, City Of	2,298.0	2,298.0	3.745%	\$44.91	\$22,176.08
West End Consolidated Water Co	0.0	0.0	0.000%	-	\$0.00
West Valley Water District	0.0	0.0	0.000%	-	\$0.00

** Fee assessment total is 15% of Appropriative 15/85 replenishment obligation

106,313.4

61,356.2

**

\$1,199.09

\$592,110.00

Transfers to
8G

Transfers to
8K

p25: The 2019 rate includes a \$10 surcharge from Three Valleys Municipal Water District.



Assessment Year 2019-2020 (Production Year 2018-2019)

Readiness to Serve (RTS) Charges

Total Water Purchased: 6,912.9 AF Total RTS Charge: \$37,072.01 (\$5.36/AF)

Appropriative or Non-Agricultural Pool Party	FY 2016/2017 Water Purchases												FY 2017/2018 Water Purchase						TOTAL RTS CHARGES	
	Purchased Water in AF							2015/16 Prod & Exch From 85/15 Producers		Year 2 RTS Charges			Purchased Water in AF		2016/17 Prod & Exch From 85/15 Producers		Year 1 RTS Charges			
	20160623		20161216	20170418	85/15 Breakdown								20171211							
	RO	DRO	DRO	RO	AF @ 100%	AF @ 85/15	AF Total	Acre-Feet	Percent	15% \$0.80	85% \$4.56	100% \$5.36	RO	DRO	Acre-Feet	Percent	15% \$0.80	85% \$4.56		100% \$5.36
Arrowhead Mtn Spring Water Co	1,135.3	8.9	4.0	335.7	1,483.8	0.0	1,483.8	0.0	0.000%	0.00	0.00	7,956.92	0.1	0.0	0.0	0.000%	0.00	0.00	0.48	7,957.41
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Chino Hills, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,548.3	2.009%	0.78	0.00	0.00	0.0	0.0	2,152.0	3.002%	0.32	0.00	0.00	1.10
Chino, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	388.9	0.543%	0.06	0.00	0.00	0.06
Cucamonga Valley Water District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20,534.7	26.648%	10.34	0.00	0.00	0.0	0.0	16,562.0	23.104%	2.46	0.00	0.00	12.80
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,317.2	19.877%	7.71	0.00	0.00	0.0	0.0	13,250.5	18.484%	1.97	0.00	0.00	9.68
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Golden State Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	807.4	1.048%	0.41	0.00	0.00	0.0	0.0	850.3	1.186%	0.13	0.00	0.00	0.53
Jurupa Community Services District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,952.8	11.618%	4.51	0.00	0.00	0.0	0.0	11,023.2	15.377%	1.64	0.00	0.00	6.15
Marygold Mutual Water Company	78.7	51.9	20.3	0.0	150.9	0.0	150.9	0.0	0.000%	0.00	0.00	809.08	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	809.08
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,203.7	10.646%	4.13	0.00	0.00	0.0	0.0	6,865.0	9.577%	1.02	0.00	0.00	5.15
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Niagara Bottling, LLC	2,567.5	35.5	0.0	1,174.3	3,777.3	0.0	3,777.3	0.0	0.000%	0.00	0.00	20,256.68	946.1	0.0	0.0	0.000%	0.00	0.00	5,073.43	25,330.11
Nicholson Trust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Norco, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Ontario, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18,053.8	23.429%	9.09	0.00	0.00	0.0	0.0	18,970.2	26.463%	2.82	0.00	0.00	11.91
Pomona, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
San Antonio Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,030.8	1.338%	0.52	0.00	0.00	0.0	0.0	537.7	0.750%	0.08	0.00	0.00	0.60
San Bernardino, County of (Shooting Park)	38.8	0.3	0.1	9.4	0.4	48.2	48.6	9.4	0.012%	0.00	219.86	2.13	13.2	0.8	13.0	0.018%	0.00	60.34	4.25	286.59
Santa Ana River Water Company	0.0	48.0	23.7	0.0	71.7	0.0	71.7	0.0	0.000%	0.00	0.00	384.42	0.0	118.7	0.0	0.000%	0.00	0.00	636.37	1,020.78
Upland, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,600.7	3.375%	1.31	0.00	0.00	0.0	0.0	1,071.9	1.495%	0.16	0.00	0.00	1.47
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
West Valley Water District	0.0	23.5	11.8	0.0	35.3	0.0	35.3	0.0	0.000%	0.00	0.00	189.04	0.0	58.8	0.0	0.000%	0.00	0.00	315.07	504.11
Aqua Capital Management LP	57.5	0.0	0.0	0.0	57.5	0.0	57.5	0.0	0.000%	0.00	0.00	308.20	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	308.20
California Speedway Corporation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
California Steel Industries, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
CalMat Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
CCG Ontario, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
City of Ontario (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
County of San Bernardino (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
General Electric Company	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.000%	0.00	0.00	0.33	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.33
GenOn California South, LP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Hamner Park Associates, a California Limited Partnershi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Monte Vista Water District (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Praxair, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
Riboli Family and San Antonio Winery, Inc.	28.8	0.0	0.0	4.0	32.8	0.0	32.8	0.0	0.000%	0.00	0.00	175.70	5.3	0.0	0.0	0.000%	0.00	0.00	28.22	203.92
Southern Service Company	62.2	0.0	0.0	10.6	72.9	0.0	72.9	0.0	0.000%	0.00	0.00	390.80	3.0	0.0	0.0	0.000%	0.00	0.00	16.24	407.03
Space Center Mira Loma, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
TAMCO	19.8	0.0	0.0	16.5	36.4	0.0	36.4	0.0	0.000%	0.00	0.00	194.98	0.0	0.0	0.0	0.000%	0.00	0.00	0.02	195.00
West Venture Development Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00
	3,988.7	168.0	59.9	1,550.5	5,718.8	48.2	5,767.0	77,058.9	100.0%	38.80	219.86	30,668.28	967.7	178.2	71,684.9	100.0%	10.65	60.34	6,074.08	37,072.01
	26A	26B	26C	26D	26E	26F	26G	26H	26I	26J	26K	26L	26M	26N	26O	26P	26Q	26R	26S	26T

p26:
1) Beginning with fiscal year 2016/17, water purchased through the IEUA will be charged with an annual RTS fee over a ten year period commencing two years after the initial purchase. This fee will vary year to year based on a ten-year rolling average.
2) RTS will be allocated based on the total RTS charge for the year and not on the calculated cost per acre-foot.
3) This year's RTS includes the second of ten annual RTS charges for water purchased in FY 2016/17, and first of ten annual RTS charges for water purchased in FY 2017/18.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package Notes

Page	Note
pg01	"Agricultural Total Pool Production" includes Voluntary Agreements between Appropriators and Agricultural Pool Parties.
pg04 (a)	Transfers in Column [4E] include the annual transfer of 10% of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation in accordance with the Peace II Agreement Section 6.2, and also the Exhibit "G" physical solution.
pg04 (b)	Column [4H], "Actual Fiscal Year Production," includes physical production and Assignments between Appropriators and Non-Ag Pool Parties.
pg04 (c)	"Net Over Production" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.
pg05 (a)	Hydraulic Control was achieved on February 1, 2016. Pursuant to Paragraph 7.4(b) of the Peace II Agreement, Storage Loss is now calculated at 0.07%.
pg05 (b)	When applicable, column [5C] includes the Exhibit "G" physical solution transfers to the Appropriative Pool.
pg06	Transfers in Column [6C] is the annual transfer of 10 percent of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation in accordance with the Peace II Agreement Section 6.2.
pg07 (a)	The financial Outstanding Obligations are reconciled on pages 7.1 and 17.1.
pg07 (b)	Fund Balance is maintained on a spreadsheet by Watermaster.
pg07 (c)	Outstanding Obligation (\$) is calculated by multiplying Outstanding Obligation (AF) by the current rate, reduced by the Fund Balance (\$).
pg07 (d)	Fund Balance is the money collected by Watermaster, Outstanding Obligation (\$) is the money owed by the Parties or credited to the Parties.
pg08 (a)	Recharge Debt Payment expenses [8O] and Recharge Improvement Project expenses [8P] are each allocated on % OSY, based on the approved budget.
pg08 (b)	Pursuant to Paragraph 5.4(b) of the Peace Agreement, the City of Pomona shall be allowed a credit of up to \$2 million against OBMP Assessments through 2030. This equates to \$66,667 per year. TVMWD elected to discontinue payment of the "Pomona Credit," effective FY 2012/2013. It is now paid by the Appropriative Pool Parties, allocated on % OSY.
pg09 (a)	Other Adjustments include water provided to another Appropriator, pump-to-waste that has been captured in a recharge basin (as verified by IEUA), and other miscellaneous recharge / injection of native water.
pg09 (b)	Evaporative Losses will be applied to recharged water from Pump-to-Waste activities beginning in October 2017. (Evaporative Loss Rates: 1.5% Nov - Mar; 4.2% Apr - Oct)
pg10 (a)	The Restated Judgment allowed an accumulated overdraft of 200,000 AF over 40 years. The total Operating Safe Yield is now 44,834 AF, allocated by percentage of Operating Safe Yield.
pg10 (b)	Column [10I], "Actual Fiscal Year Production," includes physical production, Voluntary Agreements, Assignments, and, if applicable, other adjustments. A detailed breakdown can be found on Page 9.1.
pg10 (c)	"Net Over Production" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.
pg10 (d)	Stormwater New Yield was addressed in the Court's April 28, 2017 Order and as part of the new Safe Yield implemented in Production Year 2014/15. Based on the reset methodology, no Stormwater New Yield is allocated and the associated column has been removed from this Assessment Package.
pg11 (a)	The Assessment Package database is set up so that all water must go through the Party Annual Accounts on the way to or from ECO Storage Accounts, and through the ECO Storage Accounts on the way to or from Supplemental Storage Accounts.
pg11 (b)	Column [11C] includes transfers to the Desalter Replenishment Obligation.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package Notes

Page	Note
pg12 (a)	The Assessment Package database is set up so that all water must go through the Party Annual Accounts on the way to or from ECO Storage Accounts, and through the ECO Storage Accounts on the way to or from Supplemental Storage Accounts.
pg12 (b)	Columns [12C], [12H], and [12M] include transfers to the Desalter Replenishment Obligation.
pg12 (c)	The first 3,000 AF of City of Fontana's recharged recycled water transfers to the City of Ontario, and all of the City of Montclair's recharged recycled water transfers to MVWD.
pg13 (a)	"Re-Operation Offset: Pre-Peace II Desalters" had an original beginning balance of 225,000.000 AF. The 29,070 AF correction required by Condition Subsequent 7 is included. (See Page 18.1)
pg13 (b)	"Re-Operation Offset: Peace II Expansion" had an original beginning balance of 175,000.000 AF. It will now be allocated to Desalter replenishment over a 17-year period, beginning in 2013/14 and ending in 2029/30, according to a schedule. (See Page 18.1)
pg13 (c)	There is no loss assessed on the native Basin water allocated to offset Desalter production as a result of Basin Reoperation as approved in the Peace II Agreement.
pg13 (d)	Chino, Ontario, and JCSD Preemptive Replenishment Agreement water from 2011 have been depleted as of Revised 2015/16 Assessment Package.
pg13 (e)	"Non-Ag Dedication" was used in a prior Assessment Package to indicate the Paragraph 31 Settlement Agreements Dedication.
pg13 (f)	The "Non-Ag" OBMP Special Assessment", also referred to as the "10% Haircut", will indicate the movement of water when it is being utilized to further offset the Desalter Replenishment Obligation. See [18L] on Page 18.1.
pg14	Transfers in Column [14A] include annual water transfers/leases between Appropriators and/or from Appropriators to Watermaster for replenishment purposes, and also the Exhibit "G" physical solution transfers from the Non-Ag Pool.
pg15 (a)	Most of the remaining eligible parcels for Land Use Conversion are within the Conversion Area 1 boundary.
pg15 (b)	"Unlikely to Convert Parcels" regardless of eligibility are not likely to convert due to pre-existing land use. Eligibility will be determined on a case by case basis.
pg16	Beginning with the 2015/16 Assessment Package, the Agricultural Pool Safe Yield Reallocation is now being calculated with a new formula in accordance with the March 15, 2019 Court Order.
pg17 (a)	The financial Outstanding Obligations are reconciled on pages 7.1 and 17.1.
pg17 (b)	Fund Balance is maintained on a spreadsheet by Watermaster.
pg17 (c)	Outstanding Obligation is calculated by multiplying Outstanding Obligation (AF) by the current rate, reduced by the Fund Balance.
pg17 (d)	Fund Balance is the money collected by Watermaster, Outstanding Obligation (\$) is the money owed by the Parties or credited to the Parties.
pg24	The column titled "(Over)/Under Production Excluding Water Transfer(s)" excludes Exhibit "G" water sales and water transfers between Appropriators and to Watermaster (if any). ([10B] + [10C] + [10D] + [10E] + [14B] - [10I])
pg25 (a)	The "15% Water Transaction Debits" total is the "Total 15% Credits from all Transaction" from Page 23.1.
pg25 (b)	"Replenishment Obligation" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
2A	AF Production Actual fiscal year production by each Party. Copied from [4H].
2B	Non-Agricultural Pool - AF/Admin Production [2A] <times> per acre-foot Admin fee.
2C	Non-Agricultural Pool - AF/OBMP Production [2A] <times> per acre-foot OBMP fee.
2D	Replenishment Assessments - AF Exceeding Annual Right Over-production for each Party beyond their annual production right. Copied from [4I].
2E	Replenishment Assessments - [Current Replenishment Rate] Per AF Amount overproduced [2D] <times> the current replenishment rate.
2F	CURO Adjustment Monetary amount needed (or to be credited) for each Party's Cumulative Unmet Replenishment Obligation (CURO). Calculated on Page 7.1.
2G	RTS Charges Annual Readiness to Serve charges for water purchased in prior years.
2H	Other Adjustments Used as necessary for any other monetary adjustments needed to the Assessment Package.
2I	Total Assessments Due Total fees assessed based on Party production. [2B] + [2C] + [2E] + [2F] + [2G] + [2H].
3A	Physical Production Fiscal year physical production by each Party.
3B	Assignments Total of water received from an Appropriator by each Party.
3C	Other Adjustments Any other adjustments that result in off-set of the fiscal year's production.
3D	Actual FY Production (Assmnt Pkg Column 4H) Total adjusted production for the fiscal year. Also known as Assessable Production. [3A] + [3B] + [3C].
4A	Percent of Safe Yield The Party's yearly percentage of Safe Yield.
4B	Carryover Beginning Balance The beginning balance in each Annual Account. This number carries forward from the ending balance in the previous period Assessment Package.
4C	Prior Year Adjustments This number reflects the adjusted production rights from a previous Assessment Package, in the event that corrections are needed.
4D	Assigned Share of Safe Yield (AF) The Party's yearly volume of Safe Yield.
4E	Water Transaction Activity Total of one-time water transfers between Parties for this period, including the annual transfer of 10 percent of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation, as stated in the Peace II Agreement, and Exhibit G.
4F	Other Adjustments This number reflects adjusted production rights, in the event that corrections are needed.
4G	Annual Production Right Current Year Production Right. [4B] + [4C] + [4D] + [4E] + [4F].



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
4H	Actual Fiscal Year Production Fiscal year production, including Assignments, from CBWM's production system (as verified by each Party on their Water Activity Report). Also known as Assessable Production.
4I	Net Over Production Over-production, if any, for each Party beyond their annual production right. $[4H] < \text{minus} > [4G]$, equaling more than zero.
4J	Under Production Balances - Total Under-Produced Production rights $[4G] < \text{minus} >$ production $[4H]$, equaling more than zero.
4K	Under Production Balances - Carryover: Next Year Begin Bal Either total under-produced $[4J]$ or share of Safe Yield $[4D]$, whichever is less.
4L	Under Production Balances - To Excess Carryover Account Total under-produced $[4J] < \text{minus} >$ Carryover to next year $[4K]$, equaling more than zero.
5A	Local Excess Carry Over Storage Account (ECO) - Beginning Balance The beginning balance in each ECO account. This number will carry forward from the ending balance in the previous period Assessment Package.
5B	Local Excess Carry Over Storage Account (ECO) - 0.07% Storage Loss Beginning balance $[5A] < \text{times} > -0.0007$.
5C	Local Excess Carry Over Storage Account (ECO) - Transfers To / (From) Total of water transferred to and from the ECO Account.
5D	Local Excess Carry Over Storage Account (ECO) - From Under-Production Total of water transferred from the Annual Account due to under production. Copied from $[4L]$.
5E	Local Excess Carry Over Storage Account (ECO) - Ending Balance The current balance in each ECO account. $[5A] + [5B] + [5C] + [5D]$.
5F	Local Supplemental Storage Account - Beginning Balance The beginning balance in each Supplemental Account. This number will carry forward from the ending balance in the previous period Assessment Package.
5G	Local Supplemental Storage Account - 0.07% Storage Loss Beginning balance $[5F] < \text{times} > -0.0007$.
5H	Local Supplemental Storage Account - Transfers To / (From) Total of water transferred to and from the Annual and/or ECO Account.
5I	Local Supplemental Storage Account - Ending Balance The current balance in each Supplemental Account. $[5F] + [5G] + [5H]$.
5J	Combined - Ending Balance The combined amount in all local storage accounts. $[5E] + [5I]$.
6A	Percent of Safe Yield The Party's yearly percentage of Operating Safe Yield.
6B	Assigned Share of Safe Yield (AF) The Party's yearly volume of Operating Safe Yield.
6C	Water Transactions - 10% of Operating Safe Yield ("Haircut") Operating Safe Yield $[6B] < \text{times} > -0.1$
6D	Water Transactions - Transfers (To) / From ECO Account Total of water transferred between the Annual Account and ECO Account.
6E	Water Transactions - General Transfers / Exhibit G Water Sales Total of water transfers between Parties for this period including Exhibit G Water Sales.
6F	Water Transactions - Total Water Transactions Total water transactions. $[6C] + [6D] + [6E]$. This column is used to populate $[4E]$.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
7A	Outstanding Obligation (AF) The amount of obligation carried over from prior Assessment Package(s) that were not met due to MWD not having replenishment water available to purchase.
7B	Fund Balance (\$) The amount of money collected or owed for replenishment assessments from prior Assessment Package(s).
7C	Outstanding Obligation (\$) The amount of money that each Party owes or is credited based on current replenishment rate. [7A] <times> [CURRENT RATE] <minus> [7B].
8A	AF Production and Exchanges Total production and exchanges. Copied from [10L].
8B	Appropriative Pool - AF/Admin Production and Exchanges [8A] <times> per acre-foot Admin fee.
8C	Appropriative Pool - AF/OBMP Production and Exchanges [8A] <times> per acre-foot OBMP fee.
8D	Ag Pool SY Reallocation - AF Total Reallocation Reallocation of Ag Pool Safe Yield. Copied from [10E] and [16E].
8E	Ag Pool SY Reallocation - AF/Admin Party Ag Pool reallocation [8D] <divided by> Total Ag Pool Reallocation [8D Total] <times> total dollar amount needed for Ag Pool Administration.
8F	Ag Pool SY Reallocation - AF/OBMP Party Ag Pool reallocation [8D] <divided by> Total Ag Pool Reallocation [8D Total] <times> total dollar amount needed for Ag Pool OBMP.
8G	Replenishment Assessments - AF/15% For Parties participating in the 85/15 Rule: Percentage of total 85/15 participant production <times> required credit amount. Copied from Page 25.1.
8H	Replenishment Assessments - AF/85% For parties participating in the 85/15 Rule: Total volume overproduced [10L] <times> 85% of the replenishment rate.
8I	Replenishment Assessments - AF/100% For parties not participating in the 85/15 Rule: Total volume overproduced [10M] <times> 100% of the replenishment rate.
8J	85/15 Water Transaction Activity - 15% Producer Credits For parties participating in the 85/15 Rule: Credit amount equals 15% of the cost of the water purchased. Total copied from Page 23.1.
8K	85/15 Water Transaction Activity - 15% Pro-rated Debits For parties participating in the 85/15 Rule: Percentage of total 85/15 participant production <times> required credit amount. Copied from Page 25.1.
8L	CURO Adjustment Monetary amount needed (or to be credited) for each Party's Cumulative Unmet Replenishment Obligation (CURO). Calculated on Page 17.1.
8M	ASSESSMENTS DUE - Total Production Based Total fees assessed based on Party production. [8B] + [8C] + [8E] + [8F] + [8G] + [8H] + [8I] + [8J] + [8K] + [8L].
8N	ASSESSMENTS DUE - Pomona Credit Debit amount to Pomona <times> -1 <times> percent share of Operating Safe Yield [10A].
8O	ASSESSMENTS DUE - Recharge Debt Payment Total recharge debt payment <times> percent share of Operating Safe Yield [10A].
8P	ASSESSMENTS DUE - Recharge Improvement Project Total Recharge Improvement Project <times> Percent Share of Operating Safe Yield [10A].
8Q	ASSESSMENTS DUE - RTS Charges Annual Readiness to Serve charges for water purchased in prior years.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
8R	ASSESSMENTS DUE - Other Adjustments Used as necessary for any other monetary adjustments needed to the Assessment Package.
8S	ASSESSMENTS DUE - DRO Total assessments due for Desalter Replenishment. Copied from [21L].
8T	ASSESSMENTS DUE - Total Due Total assessments. [8M] + [8N] + [8O] + [8P] + [8Q] + [8R] + [8S].
9A	Physical Production Fiscal year physical production by each Party.
9B	Voluntary Agreements (w/ Ag) Total of water provided to Agricultural Pool Parties.
9C	Assignments (w / Non-Ag) Total of water provided to Non-Agricultural Pool Parties.
9D	Other Adjustments Total of water received from, or provided to, another Appropriator. Also includes production off-sets.
9E	Actual FY Production (Assmnt Pkg Column 10I) Total adjusted production for the fiscal year. [9A] + [9B] + [9C] + [9D].
10A	Percent of Operating Safe Yield The Party's yearly percentage of Operating Safe Yield.
10B	Carryover Beginning Balance The beginning balance in each Annual Account. This number carries forward from the ending balance in the previous period Assessment Package.
10C	Prior Year Adjustments This number reflects the adjusted production rights from a previous Assessment Package, in the event that corrections are needed.
10D	Assigned Share of Operating Safe Yield The Party's yearly volume of Operating Safe Yield.
10E	Net Ag Pool Reallocation Reallocation of Ag Pool Safe Yield. Copied from [16E]. The calculations that lead to this are made on Page 16.1.
10F	Water Transaction Activity Water transactions. Copied from [14E]. The calculations that lead to this are made on Page 14.1.
10G	Other Adjustments This number reflects adjusted production rights, in the event that corrections are needed.
10H	Annual Production Right Current Year Production Right. [10B] + [10C] + [10D] + [10E] + [10F] + [10G].
10I	Actual Fiscal Year Production Fiscal year production, including Assignments and Voluntary Agreements, from CBWM's production system (as verified by each Party on their Water Activity Report). Includes a sub note subtracting Desalter production.
10J	Storage and Recover Program(s) Total exchanges for the period (July 1 - June 30) including MZ1 forbearance and DYY deliveries (as reported to CBWM by IEUA and TVMWD and as verified by each Party on their Water Activity Report). A DYY in-lieu "put" is shown as a positive number and a DYY "take" is shown as a negative number.
10K	Total Production and Exchanges Actual production [10I] <plus> Storage and Recovery exchanges [10J]. Includes a sub note subtracting Desalter production. Also known as Assessable Production.
10L	Net Over-Production - 85/15% For 85/15 Rule participants: Production rights [10H] <minus> total production and exchanges [10K], equaling less than zero.



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
10M	Net Over-Production - 100% For non-85/15 Rule participants: Production rights [10H] <minus> total production and exchanges [10K], equaling less than zero. Includes a sub note subtracting Desalter production.
10N	Under Production Balances - Total Under-Produced Production rights [10H] <minus> total production and exchanges [10K], equaling more than zero.
10O	Under Production Balances - Carryover: Next Year Begin Bal Either total under-produced [10N] or share of Operating Safe Yield [10D], whichever is less.
10P	Under Production Balances - To Excess Carryover Account Total under produced [10N] <minus> Carryover to next year [10O], equaling more than zero.
11A	Excess Carry Over Account (ECO) - Beginning Balance The beginning balance in each ECO account. This carries forward from the ending balance in the previous period Assessment Package.
11B	Excess Carry Over Account (ECO) - 0.07% Storage Loss Beginning balance [11A] <times> -0.0007.
11C	Excess Carry Over Account (ECO) - Transfers To / (From) Total of water transferred to and from ECO and the Annual Account. Also includes Desalter Replenishment Obligation transfers.
11D	Excess Carry Over Account (ECO) - From Supplemental Storage Total of water transferred to and from Local Supplemental Storage accounts, as shown on Page 12.1.
11E	Excess Carry Over Account (ECO) - From Under-Production Total of water transferred from the Annual Account due to under production. Copied from [10P].
11F	Excess Carry Over Account (ECO) - Ending Balance The current balance in each ECO account. [11A] + [11B] + [11C] + [11D] + [11E].
12A	Recharged Recycled Account - Beginning Balance The beginning balance in each Recharged Recycled Account. This number carries forward from the ending balance in the previous period Assessment Package.
12B	Recharged Recycled Account - 0.07% Storage Loss Beginning balance [12A] <times> -0.0007.
12C	Recharged Recycled Account - Transfers To / (From) Total recharged recycled water credited to each Party for the year, as provided by IEUA. Also includes Desalter Replenishment Obligation transfers.
12D	Recharged Recycled Account - Transfer to ECO Account Total of water transferred to the ECO Account, as shown on Page 11.1.
12E	Recharged Recycled Account - Ending Balance The current balance in each Recharged Recycled account. [12A] + [12B] + [12C] + [12D].
12F	Quantified (Pre 7/1/2000) Account - Beginning Balance The beginning balance in each Quantified Supplemental Account. This number carries forward from the ending balance in the previous period Assessment Package.
12G	Quantified (Pre 7/1/2000) Account - 0.07% Storage Loss Beginning balance [12F] <times> -0.0007.
12H	Quantified (Pre 7/1/2000) Account - Transfers To / (From) Total of water transferred to and from the Annual Account. Also includes Desalter Replenishment Obligation transfers.
12I	Quantified (Pre 7/1/2000) Account - Transfer to ECO Account Total of water transferred to the ECO Account, as shown on Page 11.1.
12J	Quantified (Pre 7/1/2000) Account - Ending Balance The current balance in each Quantified Supplemental account. [12F] + [12G] + [12H] + [12I].



Assessment Year 2019-2020 (Production Year 2018-2019)

Assessment Package References and Definitions

Column	Title Description
12K	New (Post 7/1/2000) Account - Beginning Balance The beginning balance in each New Supplemental Account. This number carries forward from the ending balance in the previous period Assessment Package.
12L	New (Post 7/1/2000) Account - 0.07% Storage Loss Beginning balance [12K] \times -0.0007.
12M	New (Post 7/1/2000) Account - Transfers To / (From) Total of water transferred to and from the Annual Account. Also includes Desalter Replenishment Obligation transfers.
12N	New (Post 7/1/2000) Account - Transfer to ECO Account Total of water transferred to the ECO Account, as shown on Page 11.1.
12O	New (Post 7/1/2000) Account - Ending Balance The current balance in each New Supplemental Account. [12K] + [12L] + [12M] + [12N].
12P	Combined - Ending Balance The combined amount in all supplemental storage accounts [12E] + [12J] + [12O].
13A	Desalter Replenishment - Beginning Balance The beginning balances in each Desalter Replenishment account. These numbers carry forward from the ending balances in the previous period Assessment Package.
13B	Desalter Replenishment - Water Purchases Where applicable, the total of water purchased by each Desalter Replenishment account.
13C	Desalter Replenishment - Transfers To Where applicable, the total of water transferred to each Desalter Replenishment account.
13D	Desalter Replenishment - Transfers From Total of water transferred from each Desalter Replenishment account.
13E	Desalter Replenishment - Ending Balance The current balances in each Desalter Replenishment account. [13A] + [13B] + [13C] + [13D].
13F	Storage and Recovery - Beginning Balance The beginning balance in the Storage and Recovery (DYY) Account. This number carries forward from the ending balance in the previous period Assessment Package.
13G	Storage and Recovery - Storage Loss Beginning balance [13F] \times -0.0007.
13H	Storage and Recovery - Transfers To Total of water transferred to the Storage and Recovery Account ("puts").
13I	Storage and Recovery - Transfers From Total of water transferred from the Storage and Recovery Account ("takes").
13J	Storage and Recovery - Ending Balance The current balance in the Storage and Recovery Account. [13F] + [13G] + [13H] + [13I].
14A	Water Transactions - Assigned Rights Total of assigned transactions for this period, including annual water transfers/leases between Appropriators and/or from Appropriators to Watermaster for replenishment purposes, and also the Exhibit "G" physical solution transfers from the Non-Ag Pool.
14B	Water Transactions - General Transfer Total of water transfers between Parties for this period.
14C	Water Transactions - Transfers (To) / From ECO Account Total of water transferred between the Annual Account and ECO Account.
14D	Water Transactions - Transfers (To) Desalter Replenishment Total of water transferred from the ECO Account to the Desalter Replenishment Account.



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Assessment Package References and Definitions

Column	Title Description
14E	Water Transactions - Total Water Transactions Total water transactions. [14A] + [14B] + [14C] + [14D]. This column is used to populate [10F].
15A	Prior Conversion Prior Land Use Conversion in acre-feet.
15B	Conversion @ 1.3 af/ac - Acres Converted parcels in acres at 1.3 acre-feet per acre.
15C	Conversion @ 1.3 af/ac - Acre-Feet Converted parcels in acre-feet at 1.3 acre-feet per acre. [15B] <times> 1.3.
15D	Total Prior to Peace Agrmt Converted AF Total Land Use Conversion in acre-feet prior to the Peace Agreement. [15A] + [15C].
15E	Conversion @ 2.0 af/ac - Acres Converted parcels in acres at 2.0 acre-feet per acre.
15F	Conversion @ 2.0 af/ac - Acre-Feet Converted parcels in acre-feet at 2.0 acre-feet per acre. [15E] <times> 2.0.
15G	Total Land Use Conversion Acre-Feet Total Land Use Conversion in acre-feet for each Party. [15D] + [15F].
16A	% Share of Operating Safe Yield The Party's yearly percentage of Operating Safe Yield. Copied from [10A].
16B	Reallocation of Agricultural Pool Safe Yield - Safe Yield Reduction The Party's percent share of Operating Safe Yield [16A] multiplied by 5,000.
16C	Reallocation of Agricultural Pool Safe Yield - Land Use Conversions Total land use conversions claimed on Page 15.1 (as verified by each Party on their Water Activity Report). Copied from [15G].
16D	Reallocation of Agricultural Pool Safe Yield - Early Transfer The remaining Agricultural Pool Safe Yield (82,800 <minus> Agricultural Pool Production <minus> Safe Yield Reduction <minus> Land Use Conversion) multiplied by percent share of Operating Safe Yield [16A].
16E	Reallocation of Agricultural Pool Safe Yield - Total Ag Pool Reallocation Each Party's Agricultural Pool Reallocation. [16B] + [16C] + [16D]. This column is used to populate [10E].
17A	Outstanding Obligation (AF) The amount of obligation carried over from prior Assessment Package(s) that were not met due to MWD not having replenishment water available to purchase.
17B	Fund Balance (\$) The amount of money collected or owed for replenishment assessments from prior Assessment Packages(s).
17C	Outstanding Obligation (\$) The amount of money that each Party owes or is credited based on current replenishment rate. [17A] <times> [CURRENT RATE] <minus> [17B].
17D	AF Production and Exchanges Each Party's total production and exchanges. Copied from [10K].
17E	85/15 Producers The total production and exchanges of 85/15 Producers only.
17F	Percent The percentage of each 85/15 Producer's total production and exchanges [17E] divided by the sum of [17E].
17G	15% If an 85/15 Producer, then the 85/15 Producers' total Outstanding Obligation (\$) at 15%, multiplied by their production and exchanges percentage. [17C] total of 85/15 Producers <times> 15% <times> [17F].



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Assessment Package References and Definitions

Column	Title Description
17H	85% If an 85/15 Producer, then the Outstanding Obligation (\$) at 85%.
17I	100% If not an 85/15 Producer, then the Outstanding Obligation (\$) at 100%.
17J	Total The total CURO for the year. [17G] + [17H] + [17I].
18A	Desalter Production - Pre-Peace II Desalter Production Production from the Pre-Peace II Desalter Wells.
18B	Desalter Production - Peace II Desalter Expansion Production Production from the Peace II Desalter Expansion Wells.
18C	Desalter Production - Total The combined production from all Desalter Wells. [18A] + [18B].
18D	Desalter Replenishment - Desalter (aka Kaiser) Account PIIA, 6.2 (a)(i) Credit applied to the total Desalter Production from the Kaiser account.
18E	Desalter Replenishment - Paragraph 31 Settlement Agreements Dedication PIIA, 6.2(a)(ii) Credit applied to the total Desalter Production from "dedication of water from the Overlying (Non-Agricultural) Pool Storage Account or from any contribution arising from an annual authorized Physical Solution Transfer in accordance with amended Exhibit G to the Judgment."
18F	Desalter Replenishment - "Leave Behind" Losses PIIA, 6.2(a)(iv) Credit applied to the total Desalter Production from "any declared losses from storage in excess of actual losses enforced as a "Leave Behind"."
18G	Desalter Replenishment - Safe Yield Contributed by Parties PIIA, 6.2(a)(v) Credit applied to the total Desalter Production from "Safe Yield that may be contributed by the parties."
18H	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Allocation to Pre-Peace II Desalters The 225,000 AF portion of the 400,000 AF Controlled Overdraft that was originally allocated to the Pre-Peace II Desalter production.
18I	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Allocation to All Desalters The 175,000 AF portion of the 400,000 AF Controlled Overdraft that was originally allocated to the Peace II Desalter Expansion production but is now allocated to all Desalter production per set schedule.
18J	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Balance The remaining balance of the 400,000 AF Controlled Overdraft.
18K	Desalter Replenishment - Appropriative Pool DRO Contribution PIIA, 6.2(b)(ii) The 10,000 AF contribution to the Desalter Replenishment Obligation by the Appropriative Pool.
18L	Desalter Replenishment - Non-Ag OBMP Assessment (10% Haircut) PIIA, 6.2(b)(i) The 10% of the Non-Agricultural Pool Safe Yield used to offset the total Desalter Replenishment Obligation beginning with production year 2016/2017.
18M	Remaining Desalter Replenishment Obligation PIIA, 6.2(b)(iii) Total Desalter Production minus Desalter Replenishment. [18C] - [18D] - [18E] - [18F] - [18G] - [18H] - [18I] - [18K] - [18L].
19A	Percent of Operating Safe Yield The Party's yearly percentage of Operating Safe Yield. Copied from [10A].
19B	Land Use Conversions Total Land Use Conversion in acre-feet for each Party. Copied from [15G].
19C	Percent of Land Use Conversions Each Party's pro rata share of Land Use Conversions [19B] from the total of [19B].
19D	85% DROC Based on Percent OSY Each Party's share of the 10,000 AF Desalter Replenishment Obligation based on OSY. 10,000 <times> 0.85 <times> [19A].



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Assessment Package References and Definitions

Column	Title Description
19E	15% DROC Based on Percent of LUC Each Party's share of the 10,000 AF Desalter Replenishment Obligation based on Percent of Land Use Conversions. $10,000 \times 0.15 \times [19C]$.
19F	Total Desalter Replenishment Each Party's share of the 10,000 AF Desalter Replenishment Obligation. $[19D] + [19E]$.
20A	Assigned Share of Operating Safe Yield The Party's yearly volume of Operating Safe Yield. Copied from [10D].
20B	Physical Production Adjustment Calculation - Physical Production Fiscal year physical production by each Party. Copied from [9A].
20C	Physical Production Adjustment Calculation - 50% of Voluntary Agreements with Ag Total of water provided to Agricultural Pool Parties multiplied by 50%. $[9B] \times 0.50$.
20D	Physical Production Adjustment Calculation - Assignments with Non-Ag Total of water provided to Non-Agricultural Pool Parties. Copied from [9C].
20E	Physical Production Adjustment Calculation - Storage and Recovery Programs Total exchanges for the period (July 1 - June 30) including MZ1 forbearance and DYY deliveries (as reported to CBWM by IEUA and TVMWD and as verified by each Party on their Water Activity Report). Copied from [10J].
20F	Physical Production Adjustment Calculation - Other Adjustments Total of water received from, or provided to, another Appropriator. Also includes production off-sets. Copied from [9D] but does not include production adjustments to prevent a negative annual production to a Party.
20G	Physical Production Adjustment Calculation - Total Adjusted Production Each Party's Adjusted Physical Production. $[20B] + [20C] + [20D] + [20E] + [20F]$.
20H	RDRO Calculation - Total Production and OSY Basis The sum of each Party's Adjusted Physical Production and Assigned Share of Operating Safe Yield. $[20A] + [20G]$.
20I	RDRO Calculation - Percentage The percentage of each Party's Adjusted Physical Production and Assigned Share of Operating Safe Yield basis. $[20H]$ divided by the sum of $[20H]$.
20J	RDRO Calculation - Individual Party RDRO Each Party's pro rata share of the Remaining Desalter Replenishment Obligation. $[20I] \times \text{Total RDRO}$.
21A	Desalter Replenishment Obligation in AF - Desalter Replenishment Obligation Contribution (DROC) Each Party's share of the 10,000 AF Desalter Replenishment Obligation Contribution. Copied from [19F].
21B	Desalter Replenishment Obligation in AF - Remaining Desalter Replenishment Obligation (RDRO) Each Party's pro rata share of the Remaining Desalter Replenishment Obligation. Copied from [20J].
21C	Desalter Replenishment Obligation in AF - Total Desalter Replenishment Obligation The sum of Desalter Replenishment Obligation Contribution, and Remaining Desalter Replenishment Obligation. $[21A] + [21B]$.
21D	Total DRO Fulfillment Activity - Transfer from Preemptive Replenishment Account Total of water transferred from Desalter Preemptive Replenishment Account to satisfy the desalter replenishment obligation.
21E	Total DRO Fulfillment Activity - Transfer from Excess Carry Over Storage Account Total of water transferred from Excess Carry Over Storage Account to satisfy the desalter replenishment obligation.
21F	Total DRO Fulfillment Activity - Transfer from Recharged Recycled Storage Account Total of water transferred from Recharged Recycle Storage Account to satisfy the desalter replenishment obligation.
21G	Total DRO Fulfillment Activity - Transfer from Quantified Storage Account Total of water transferred from Quantified Storage Account to satisfy the desalter replenishment obligation.
21H	Total DRO Fulfillment Activity - Transfer from Post 7/1/2000 Storage Account Total of water transferred from Post 7/1/2000 Storage Account to satisfy the desalter replenishment obligation.



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Assessment Package References and Definitions

Column	Title Description
21I	Total DRO Fulfillment Activity - Replenishment Water Purchase Total of water purchased to satisfy the desalter replenishment obligation.
21J	Total DRO Fulfillment Activity - Total Transfers and Water Purchases The sum of all transfers and purchases to satisfy the desalter replenishment obligation. [21D] + [21E] + [21F] + [21G] + [21H] + [21I].
21K	Assessments - Residual DRO (AF) Total residual Desalter Replenishment Obligation after transfers and purchases. [21C] + [21J].
21L	Assessments - Assessments Due On Residual DRO (\$) Total assessments due for Desalter Replenishment. This column is used to populate [8S].
26A	FY 2016/2017 Water Purchases - Purchased Water in AF - 20160623 - RO The amount of water purchased to satisfy the accumulated replenishment obligation through the end of production year 2014/15. Water was delivered in October 2016.
26B	FY 2016/2017 Water Purchases - Purchased Water in AF - 20160623 - DRO The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in October 2016.
26C	FY 2016/2017 Water Purchases - Purchased Water in AF - 20161216 - DRO The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in December 2016.
26D	FY 2016/2017 Water Purchases - Purchased Water in AF - 20170418 - RO The amount of water purchased to satisfy production year 2015/16 replenishment obligation. Water was delivered in April 2018.
26E	FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF @ 100% The amount of water purchased subject to 100% RTS rate. This applies to: DRO water; RO water of non-85/15 Pool 3 producers; and RO water of Pool 2 producers. 1) Pool 3, 85/15 Ineligible: [26A] + [26B] + [26C] + [26D]. 2) Pool 3, 85/15 Eligible: [26B] + [26C]. 3) Pool 2: [26A] + [26D].
26F	FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF @ 85/15 The amount of water purchased subject to the 85/15 Rule. This applies to RO water of 85/15 Pool 3 producers. 1) Pool 3, 85/15 Eligible: [26A] + [26D].
26G	FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF Total Total water purchased by each Appropriative Pool or Non-Agricultural Pool Party. [26E] + [26F].
26H	FY 2016/2017 Water Purchases - 2015/16 Prod & Exch From 85/15 Producers - Acre-Feet Total production and exchanges of 85/15 Producers from fiscal year 2015/16. This is the basis of the 85/15 Rule for water purchased in fiscal year 2016/17.
26I	FY 2016/2017 Water Purchases - 2015/16 Prod & Exch From 85/15 Producers - Percent The percentage of each 85/15 Producer's total production and exchanges. [26H] divided by the sum of [26H].
26J	FY 2016/2017 Water Purchases - Year 2 RTS Charges - 15% If an 85/15 Producer, then each 85/15 Producer's share of the total RTS charge of 85/15 eligible water. "Total RTS Charge" <divided by> "Total Water Purchased" <times> 0.15 <times> [26F] Total <times> [26I].
26K	FY 2016/2017 Water Purchases - Year 2 RTS Charges - 85% If an 85/15 Producer, then their RTS charge of 85/15 eligible water at 85%. "Total RTS Charge" <divided by> "Total Water Purchased" <times> [26F] <times> 0.85.
26L	FY 2016/2017 Water Purchases - Year 2 RTS Charges - 100% RTS charge on all water not subject to the 85/15 Rule. "Total RTS Charge" <divided by> "Total Water Purchased" <times> [26E].
26M	FY 2017/2018 Water Purchase - Purchased Water in AF - 20171211 - RO The amount of water purchased to satisfy replenishment obligations through the end of production year 2014/15. Water was delivered in December 2017.
26N	FY 2017/2018 Water Purchase - Purchased Water in AF - 20171211 - DRO The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in December 2017.



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Assessment Package References and Definitions

Column	Title Description
26O	FY 2017/2018 Water Purchase - 2016/17 Prod & Exch From 85/15 Producers - Acre-Feet Total production and exchanges of 85/15 Producers from fiscal year 2016/17. This is the basis of the 85/15 Rule for water purchased in fiscal year 2017/18.
26P	FY 2017/2018 Water Purchase - 2016/17 Prod & Exch From 85/15 Producers - Percent The percentage of each 85/15 Producer's total production and exchanges. [26O] divided by the sum of [26O].
26Q	FY 2017/2018 Water Purchase - Year 1 RTS Charges - 15% If an 85/15 Producer, then each 85/15 Producer's share of the total RTS charge of 85/15 eligible water in [26M].
26R	FY 2017/2018 Water Purchase - Year 1 RTS Charges - 85% If an 85/15 Producer, then their RTS charge of 85/15 eligible water in [26M] at 85%.
26S	FY 2017/2018 Water Purchase - Year 1 RTS Charges - 100% RTS charge on all water in [26N] and water not subject to the 85/15 Rule in [26M].
26T	TOTAL RTS CHARGES Total RTS Charge. [26J] + [26K] + [26L] + [26Q] + [26R] + [26S].