

**CALIFORNIA PUBLIC UTILITIES COMMISSION
DIVISION OF WATER AND AUDITS**

Advice Letter Cover Sheet

Utility Name: San Jose Water Company

Date Mailed to Service List: 12/20/17

District: N/A

CPUC Utility #: U-168-W

Protest Deadline (20th Day): 12/05/17

Advice Letter #: 513A

Review Deadline (30th Day): 12/15/17

Tier ☐ 1 ☒ 2 ☐ 3 ☐ Compliance

Requested Effective Date: 01/01/2018

Authorization D.16-06-004

Rate Impact: \$15,670,000
4.22%

Description: Step Rate Increase for 2018 Escalation Year
Supplemental to revise Revenue Increase.

The protest or response deadline for this advice letter is 20 days from the date that this advice letter was mailed to the service list. Please see the "Response or Protest" section in the advice letter for more information.

Utility Contact: John Tang

Utility Contact: Ann Lindahl

Phone: 408-279-7933

Phone: 408-279-7979

Email: john.tang@sjwater.com

Email: ann.lindahl@sjwater.com

DWA Contact: Tariff Unit

Phone: (415) 703-1133

Email: Water.Division@cpuc.ca.gov

DWA USE ONLY

<u>DATE</u>	<u>STAFF</u>	<u>COMMENTS</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

[] APPROVED

[] WITHDRAWN

[] REJECTED

Signature: _____

Comments: _____

Date: _____



110 W. Taylor Street
San Jose, CA 95110-2131

December 20, 2017

California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Advice Letter No. 513A

San Jose Water Company (U-168-W) (SJWC) hereby transmits for filing Supplemental Letter 513A the following changes in tariff schedules applicable to its service area and which are attached hereto:

<u>Cal. P.U.C Sheet No.</u>	<u>Title of Sheet</u>	<u>Cancelling Cal. P.U.C. Sheet No.</u>
1864-W	Schedule No. 1 General Metered Service	1822-W
1865-W	Schedule No. 1B General Metered Service with Automatic Fire Sprinkler System	1823-W
1866-W	Schedule No. 1C General Metered Service Mountain District	1824-W
1867-W	Schedule No. 4 Private Fire Service	1825-W
1868-W	Schedule RW Raw Water Service	1826-W
1869-W	Schedule No. RCW Recycled Water Metered Service	1827-W
1870-W	Table of Contents	1863-W

These tariffs are submitted pursuant to General Orders Nos. 96-B and to the authority established by the California Public Utilities Commission (Commission) in Decision No. (D.) 16-06-004,

dated June 9, 2016 (Ordering Paragraphs included as Attachment A). This advice letter (AL) is designated a Tier 2 Advice Letter. SJWC requests that the rates become effective January 1, 2018.

With this supplemental advice letter, SJWC requests authorization to increase revenue requirement by \$15,670,000 or 4.22 percent via a step rate increase for the second escalation year of 2018. AL 513A recalculates certain expenses related to pension and income taxes resulting in a slight decrease to the revenue requirement for 2018 as originally requested in AL 513. Additionally, the quantity rate and meter charge calculations were amended to reflect the impact of the authorized customer growth factor on sales and number of customers. This request is made pursuant to Ordering Paragraph No. 8 of D.16-06-004 (Attachment A), which states that:

“8. For escalation years 2017 and 2018, San Jose Water Company shall file Tier 2 Advice Letters in conformance with General Order 96-B proposing new revenue requirements and corresponding revised tariff schedules. The filing shall include rate procedures set forth in the Commission’s Rate Case Plan (Decision 07-05-062) for Class A Water Utilities and shall include appropriate supporting workpapers. The revised tariff schedules shall take effect no earlier than January 1, 2017 and January 1, 2018, respectively, and shall apply to service rendered on and after their effective dates. The proposed revisions to revenue requirements and rates shall be reviewed by the Commission’s Division of Water and Audits. The Division of Water and Audits shall inform the Commission if it finds that the revised rates do not conform to the Rate Case Plan, this order, or other Commission decisions, and if so, reject the filing.”

Background

The Commission’s D.16-06-04 authorizes SJWC to file advice letters for step rate increases for the two escalation years of 2017 and 2018 in compliance with the Commission’s Rate Case Plan. The Commission’s Rate Case Plan requires that the requested rate increase shall be subject to the pro-forma earnings test. SJWC has attached the pro-forma Summary of Earnings as of September 30, 2017 (Attachment B) which shows that the company is currently earning below the authorized Rate of Return on Ratebase of 8.09%, on a proforma basis, as set forth in D.12-07-009 and subsequently revised via AL 444.

SJWC has computed the Escalation year increases (Attachment C) using the authorized Rate of Return of 8.09%, the escalation methodology set forth in D.04-06-018, and the latest available escalation factors published by Division of Ratepayer Advocates Energy Cost of Service Branch Dated October 31, 2017 and the latest CPI factors from the U.S. Bureau of Labor (Attachment D)

Currently SJWC has Advice Letter Nos. 512 and 514 pending before the Commission

Rate Calculation and Average Bill Comparison

The present rates for SJWC became effective July 1, 2017 by AL 509-A.

The total escalation revenue impact is \$15,670,000 or about 4.22 percent of SJWC's authorized and adjusted revenue for 2018 (Attachment C). SJWC seeks to recover 30 percent, or \$4,701,000 of the revenue through the service charge component and the remaining 70 percent, or \$10,969,000 through the quantity rate component. As a result of this rate change, the monthly water bill for the typical residential customer with a ¾-inch meter using 10.75 ccf (one ccf = 748 gallons) of water per month, bill will increase by \$3.49 or 4.23 percent from \$82.41 at present rates, to \$85.90 per month (Attachment E).

Protests and Responses

Anyone may respond to or protest this advice letter. A response does not oppose the filing but presents information that may prove useful to the Commission in evaluating the advice letter. A protest objects to the advice letter in whole or in part and must set forth the specific grounds on which it is based. These grounds may include the following:

- (1) The utility did not properly serve or give notice of the advice letter;
- (2) The relief requested in the advice letter would violate statute or Commission order, or is not authorized by statute or Commission order on which the utility relies;
- (3) The analysis, calculations, or data in the advice letter contain material error or omissions;
- (4) The relief requested in the advice letter is pending before the Commission in a formal proceeding;
- (5) The relief requested in the advice letter requires consideration in a formal hearing, or is otherwise inappropriate for the advice letter process; or
- (6) The relief requested in the advice letter is unjust, unreasonable, or discriminatory (provided that such a protest may not be made where it would require relitigating a prior order of the Commission).

A response or protest must be made in writing or by electronic mail and must be received by the Water Division within 20 days of the date this advice letter is filed. The address for mailing or delivering a protest is:

Tariff Unit, Water Division, 3rd floor
California Public Utilities Commission,
505 Van Ness Avenue
San Francisco, CA 94102
water_division@cpuc.ca.gov

On the same date the response or protest is submitted to the Water Division, the respondent or protestant shall send a copy of the protest by mail to us, addressed to:

Regulatory Affairs
San Jose Water Company
110 West Taylor Street
San Jose, CA 95110
Fax 408.279.7934
regulatoryaffairs@sjwater.com.

The advice letter process does not provide for any responses, protests or comments, except for the utility's reply, after the 20-day comment period.

Public notice is not required per GO 96B, Water Industry Rule 7.3.1 since notice was completed at the time of SJWC's General Rate Case proceeding A.15-01-002. In compliance with Paragraph 4.3 of General Order 96-B, a copy of this advice letter has been mailed to all interested and affected parties as detailed in Attachment F.

This filing will not cause the withdrawal of service, nor conflict with other schedules or rules.

Very truly yours,



JOHN TANG
Vice President of Regulatory Affairs
& Government Relations

Enclosures

SAN JOSE WATER COMPANY

ADVICE LETTER NO. 513A

ATTACHMENT B

SAN JOSE WATER COMPANY

(U-168-W)

SUMMARY OF EARNINGS AND RATE OF RETURN FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017

(\$ Amounts in Thousands)

	Authorized Per <u>AL 509A</u>	<u>Recorded</u>	<u>Adjustment</u>	<u>Pro-forma</u>
Operating Revenue:				
Operating Revenues	\$370,657	\$341,870		\$366,054
Other Water Revenues	\$0	\$3,716		\$3,716
Deferred Revenue on CIAC	<u>\$487</u>	<u>\$333</u>		<u>\$487</u>
 Total Metered Revenue	 \$371,144	 \$345,919	 A	 \$370,257
Operating Expense:				
Purchased Water - Potable	\$90,208	\$81,326	F	\$89,267
Purchased Water - Recycled	\$1,827	\$1,901	F	\$2,023
Pump Taxes	\$55,819	\$40,198	G	\$55,238
Purchased Power	\$8,942	\$5,820	H	\$9,951
Operations & Maintenance	\$37,103	\$39,996	D	\$37,103
Chemical	\$544	\$313	I	\$539
Administrative & General	\$27,176	\$34,209	D	\$27,176
Depreciation & Amortization	<u>\$46,862</u>	<u>\$43,661</u>	D	<u>\$43,628</u>
 Subtotal	 \$268,481	 \$247,423		 \$264,925
Uncollectible	\$470	\$400	B	\$560
Taxes Other Than Income	\$11,719	\$11,630	C	\$12,305
Revenue Adjustment Balancing and Memo Acct	<u>\$0</u>	<u>(\$3,337)</u>	E	<u>\$0</u>
 Total Operating Expense Before Income Taxes	 \$280,669	 \$256,115		 \$277,790
 Operating Revenue Before Income Taxes	 \$90,475	 \$89,804		 \$92,467
State Income Tax	\$5,047	\$3,968	J	\$5,241
Federal Income Tax	<u>\$24,412</u>	<u>\$22,625</u>	J	<u>\$25,584</u>
 Total Operating Expense	 \$310,127	 \$282,708		 \$308,615
Net Operating Revenue	\$61,017	\$63,211		\$61,642
 Weighted Average Rate Base	 753,877	 750,689		 750,689
 Earned Rate of Return	 <u>8.09%</u>	 <u>8.42%</u>		 <u>8.21%</u>
 Authorized Rate of Return	 <u>8.09%</u>		 K	 <u>8.33%</u>

SAN JOSE WATER COMPANY

(U-168-W)

**WEIGHTED AVERAGE RATE BASE
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017**

(\$ Amounts in Thousands)

Weighted Averages [2]:

Utility Plant	\$1,565,746
Reserve for Depreciation	\$493,757
Reserve for Amortization	<u>\$500</u>
Net Utility Plant	1,071,489

Adjustments:

Contributions in Aid of Construction	\$117,997
Total Tax Deferrals	\$155,104
Advances for Construction	<u>\$74,893</u>
Total Adjustments	347,994
Adjusted Net Utility Plant	723,495
Taxes on Contributions & Advances	\$8,132
Total Working Capital	<u>\$19,062</u>
Weighted Average Rate Base	<u><u>\$750,689</u></u>

- [2] The weighted average is the sum of the first and last months balance divided by two, plus the sum of the intervening eleven months, divided by twelve.

SAN JOSE WATER COMPANY
(U-168-W)

ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017
(S Amounts in Thousands)

A. OPERATING REVENUES

Total Revenues Adjusted for Climatic Conditions and Current Water Rates	(from Sum of Earn)	\$370,257
Total Revenues as Recorded	(from Sum of Earn)	\$345,919
Revenue Increase (Decrease)		(\$24,338)

B. UNCOLLECTIBLES

Pro-forma Revenue (Total Revenues Less Deferred Revenue)	(from Sum of Earn)	\$369,770
Percentage of Revenue Adopted in D.16-06-004		0.1515%
Uncollectible	(to Sum of Earn)	\$560

C. TAXES OTHER THAN INCOME TAXES

Franchise Tax:		
Pro-forma Revenue (Total Revenues Less Deferred Revenue)	(from Sum of Earn)	\$369,770
Percentage of Revenue Adopted in D.16-06-004		0.2395%
Pro-Forma Franchise Tax (1)	(to Sum of Earn)	\$886

Ad Valorem Taxes:

Adopted Property Tax Rate	0.01190			
Pro-Forma Calculation (2) = Net Utility Plant x ratio to Prop Value x Pr	\$1,071,489	0.7357	\$788,294	\$9,381
Pro-Forma Payroll Taxes = Adopted (3)				\$2,006
Pro-Forma Business License = Adopted (4)				\$32
Total Pro-Forma Taxes Other Than Income Taxes (1+2+3+4)				\$12,305

D. ADOPTED EXPENSES PRO-FORMA

	Adopted	Recorded	Adjustment
Operations & Maintenance	(from Sum of Earn)	\$37,103	\$39,996
Administrative & General	(from Sum of Earn)	\$27,176	\$34,209
Taxes Other than Income	(from Sum of Earn)	\$11,719	\$11,630
Depreciation:			\$89
Recorded Depreciable Plant 12/31/16	\$1,445,676		
Adopted Composite Depreciation Rate	3.42%		
Depreciation	\$49,442		
Less:			
Transportation & GIS Depreciation	\$1,190		
Contributions	\$4,624		
Depreciation Expense	\$43,628	\$46,862	\$43,628
			\$3,234

E. BALANCING & MEMO ACCT REVENUE ADJUSTMENT

San Jose Water Company recognizes the balances in the company's Memorandum Style Balancing Accounts and Memorandum Accounts in accordance with GAAP	(from Sum of Earn)	(\$3,337)
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F. PURCHASED POTABLE WATER

Purchased Water in MG, Normalized	(from p. 6)	22,813
Purchased Water Cost per D.16-06-004 & AL490 & 509A 7/01/17 (\$/MG)		\$3,912.98
Purchased Water at Current Rates, Normalized		\$89,267
Purchased Water, Recorded	(from Sum of Earn)	\$81,326
Purchased Water Adjustment		\$7,941

PURCHASED RECYCLED WATER

Purchased Recyled Water in MG , Normalized	(from p. 6)	616
Purchased Water Cost per SBWR 7/01/2017 (\$/MG) *		\$3,283.83
Purchased Water at Current Rates, Normalized		\$2,023
Purchased Water, Recorded	(from Sum of Earn)	\$1,901
Purchased Water Adjustment		\$122
* Unit cost based on Irrigation rate and Industrial /Agri rate (\$1,070/AF)		

G. PUMP TAX

Well Supply in MG, Normalized	(from p. 6)	15,318
Pump Tax per MG per D.16-06-004 & AL490 & 509A (\$/MG)		\$3,606.08
Pump Tax at Current Rates, Normalized		\$55,238
Pump Tax, Recorded	(from Sum of Earn)	\$40,198
Pump Tax Adjustment		\$15,041

SAN JOSE WATER COMPANY
(U-168-W)

ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017
(\$ Amounts in Thousands)

H. PURCHASED POWER

Purchased Power, Normalized	(from p. 5)	\$9,951
Purchased Power, Recorded	(from Sum of Earn)	\$5,820
Purchased Power Adjustment		<u>\$4,131</u>

I. PURCHASED CHEMICALS

Adopted Production (Kccf) (D.16-06-004)	(from p. 6)	53,477
Authorized Chemical Costs (D.16-06-004)	(from Sum of Earn)	\$544
Unit cost per Kccf		\$0.010164
Normalized Production (Kccf)	(from p. 6)	53,036
Normalized Chemical Costs	(to Sum of Earn)	<u>\$539</u>

J. INCOME TAX**Revenue:**

	<u>Authorized</u>	<u>Pro-Forma</u>
Operating Revenue	\$370,656.7	\$369,770.0
Deferred Revenue	\$487.0	\$487.0

Deductions:

Operating & Maintenance Expenses		
Excluding Depreciation & Taxes	\$233,807.3	\$234,161.9
Transportation Depreciation	(\$1,189.8)	(\$874.0)
Interest Expense	\$21,381.0	\$18,391.0
Less 50% Meals Disallowed	\$92.0	\$89.3
Total Deductions	<u>\$254,090.5</u>	<u>\$251,768.2</u>

State Corporate Franchise Tax:

Tax Depreciation & Deduct on Repairs & Maintenance	\$58,679.3	\$58,679.3
Deferred Revenue (Net of Tax)	\$34.0	\$34.0
State Taxable Income Incl Def Revenue	\$57,852.9	\$59,288.5
Tax @ 8.84%	\$5,082.2	\$5,241.1

Federal Income Tax:

Tax Depreciation	\$38,215.0	\$38,215.0
State Franchise Tax	\$5,082.2	\$5,241.1
IRS Sec 199 QPA Deduction	\$1,457.0	\$1,457.0
Taxable Income Excluding		
Deferred Revenue	\$71,812.0	\$73,088.7

Tax @ 35.00%	\$24,958.2	\$25,581.0
Amortization of Unrecoverable Prepaid		
Tax on CIAC & Advances	\$3.0	\$3.0

Federal Tax	<u>\$24,961.2</u>	<u>\$25,584.0</u>
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K. Calculation of Adjusted Rate of Return

R

$$RR = \frac{R}{B1 + M/12 (B2 - B1)}$$

RR = Adjusted Authorized Rate of Return

B1 = Adopted Rate Base December 31, 2016 \$668,034

R = Adopted Net Revenue December 31, 2017 \$61,016

M = Last Month of Pro-forma 12-month Period 9

B2 = Adopted Rate Base December 31, 2017 \$753,877

Adjusted Authorized Rate of Return (to Sum of Earn) 8.33%

Authorized Rate of Return (AL 444) 8.09%

Rate of Return Adjustment 0.24%

**SAN JOSE WATER COMPANY
(U-168-W)**

**CALCULATION OF COMMODITY REVENUE AT CURRENT RATES
AND SUMMARY OF SERVICE CHARGE AND COMMODITY REVENUES**

FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017

		(Dollars)		
		Sales (ccf)	Rate per D.16-06-004 AL 489, 490,506 & 509A (\$/ccf)	Normalized Commodity Revenue (\$)
			\$0.1464	
			\$0.0983	
			\$0.2530	
			\$0.1699	
Residential	(Normalized, p. 6)	<u>29,203,000</u>	\$4.7642	<u>\$158,624,855</u>
Business	(Normalized, p. 6)	17,670,000	\$5.4318	\$95,979,906
Industrial	(Recorded, p. 9)	215,334	\$5.4318	\$1,169,651
Public Authority	(Recorded, p. 9)	2,255,773	\$5.4318	\$12,252,908
Resale	(Recorded, p. 9)	179,619	\$5.4318	\$975,654
Other	(Recorded, p. 9)	<u>61,630</u>	\$5.4318	<u>\$334,762</u>
Subtotal Non-Res Potable		20,382,356		110,712,881
Raw	(Recorded, p. 9)	72,677	\$5.2022	\$378,080
Recycled piped *,***	(Recorded, p. 9)	502,281	\$4.9412	\$2,481,871
Recycled well **,***	(Recorded, p. 9)	<u>320,980</u>	\$2.4564	<u>\$788,455</u>
Total non- Potable Metered		895,938		3,648,406
*. ** Rates for Irrigation, Industrial and Agriculture are now the same as of 7/01/2015				
*** Rates increase from SBWR effective 7/01/2017				
Total, Normalized at Current Rates		<u>50,481,294</u>		<u>272,986,142</u>

	Commodity Revenue	Service Charge Revenue (from p. 4)	Total Normalized Metered Rev
Residential Metered	\$ 158,624,855	\$ 68,073,848	\$ 226,698,703
Business	95,979,906	20,301,081	116,280,987
Industrial	1,169,651	177,755	1,347,406
Public Authority	12,252,908	3,137,642	15,390,550
Resale	975,654	60,236	1,035,890
Other	334,762	601,321	936,083
Raw	378,080	6,409	384,489
Recycled Piped	2,481,871	523,512	3,005,383
Recycled Well	<u>788,455</u>	<u>7,020</u>	<u>795,475</u>
Total Metered	<u>\$ 272,986,142</u>	<u>\$ 92,888,824</u>	<u>\$ 365,874,966</u>
Private Fire & Misc (Recorded)	<u>\$ 0</u>	<u>\$ 3,716,200</u>	<u>\$ 3,716,200</u>
Res Fire Upsize Charge	<u>\$ 0</u>	<u>\$ 178,739</u>	<u>\$ 178,739</u>
Total Revenue	<u>\$ 272,986,142</u>	<u>\$ 96,605,024</u>	<u>\$ 369,769,905</u>

(to Sum of Earn)

SAN JOSE WATER COMPANY
(U-168-W)

CALCULATION OF NORMALIZED SERVICE CHARGE REVENUE AT CURRENT RATES
(Dollars)

	5/8 x 3/4	3/4	1	1 1/2	2	3	4	6	8	10	Total Revenue
Current Monthly Service Charge:											
Potable & Recycled Pipe	\$25.45	\$25.45	\$42.37	\$84.78	\$135.68	\$254.37	\$423.96	\$847.91	\$1,356.67	\$1,950.24	
Recycled Well	\$0.00	\$0.00	\$0.00	\$0.00	\$31.62	\$42.16	\$47.43	\$79.05	\$94.86	\$147.55	
Residential Services:											
Average Services (from p. 7)	826	166,719	29,684	1,107	275	28	11	8	1	0	
Annual Revenue	\$252,260	\$50,915,983	\$15,092,533	\$1,126,218	\$447,744	\$85,468	\$55,963	\$81,399	\$16,280	\$0	\$68,073,848
Business Services:											
Average Services (from p. 7)	48	5,661	6,786	2,620	4,182	794	279	123	23	7	
Annual Revenue	\$14,659	\$1,728,869	\$3,450,274	\$2,665,483	\$6,808,965	\$2,423,637	\$1,419,418	\$1,251,515	\$374,441	\$163,820	\$20,301,081
Industrial Services:											
Average Services (from p. 7)	0	1	4	6	9	19	9	5	0	0	
Annual Revenue	\$0	\$305	\$2,034	\$6,104	\$14,653	\$57,996	\$45,788	\$50,875	\$0	\$0	\$177,755
Public Authority Services:											
Average Services (from p. 8)	1	67	147	176	388	387	110	37	7	0	
Annual Revenue	\$305	\$20,462	\$74,741	\$179,055	\$631,726	\$1,181,294	\$559,627	\$376,472	\$113,960	\$0	\$3,137,642
Resale Services:											
Average Services (from p. 8)	0	3	3	13	11	0	0	0	0	0	
Annual Revenue	\$0	\$916	\$1,525	\$3,052	\$21,166	\$33,577	\$0	\$0	\$0	\$0	\$60,236
Other Services:											
Average Services (from p. 8)	0	0	30	0	0	192	0	0	0	0	
Annual Revenue	\$0	\$0	\$15,253	\$0	\$0	\$586,068	\$0	\$0	\$0	\$0	\$601,321
Raw Services:											
Average Services (from p. 8)	0	0	1	1	3	0	0	0	0	0	
Annual Revenue	\$0	\$0	\$508	\$1,017	\$4,884	\$0	\$0	\$0	\$0	\$0	\$6,409
Recycled Piped Services:											
Average Services (from p. 8)	0	0	9	14	100	65	25	0	1	0	
Annual Revenue	\$0	\$0	\$4,576	\$14,243	\$162,816	\$198,409	\$127,188	\$0	\$16,280	\$0	\$523,512
Recycled Well User Services:											
Average Services (from p. 8)	0	0	0	1	1	1	2	1	2	1	
Annual Revenue	\$0	\$0	\$0	\$379	\$506	\$1,138	\$1,771	\$949	\$2,277	\$1,771	\$7,020
Annual Total	\$267,224	\$52,666,535	\$18,641,444	\$3,995,172	\$8,092,333	\$4,566,955	\$2,209,122	\$1,761,210	\$523,238	\$165,591	\$92,888,824
Total Residential & Business Service Charge Revenue											\$88,374,929
Total Other Service Charge Revenue											\$4,513,895
Current Monthly Service Charge:											
Upsize Charge Schedule 1 B											
Average Services (from p. 7)											
Annual Revenue											\$178,739
Total Normalized Service Charge Revenue											\$93,067,563

**SAN JOSE WATER COMPANY
(U-168-W)**

**CALCULATION OF POWER COST
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017
AT CURRENT RATES**

(Dollars)

Purchased Power Cost [1]			\$8,941,750
Power Usage [1]			53,450,202 kWh
Unit Power Cost [1][2]		(C)	\$0.187731 \$/kWh
Normalized Production	(from p. 6)	(A)	53,036 Kccf
Power Ratio [1]		(B)	<u>0.999499</u> kWh/ccf
Normalized Power Usage	(A x B x 1000)	(D)	<u><u>53,009,235</u></u> kWh
Normalized Power Cost	(C x D)		<u><u>\$9,951,477</u></u>

(to p. 2)

[1] D.16-06-004

[2] PG&E Rate Increases Jan 16 .009874/kWh
PG&E Rate Increases Mar 16 .006466/kWh
PG&E Rate Decrease Aug 16 -.000128/kWh
PG&E Rate Increase Oct 16 .000494/kWh
PG&E Rate Increase Jan 17 -.000440/kWh
PG&E Rate Increase Mar 17 .004675/kWh

**SAN JOSE WATER COMPANY
(U-168-W)**

**CALCULATION OF ADJUSTMENT FOR WEATHER
AND NORMAL WATER SUPPLIES
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017**

D.16-06-004

	<u>Adopted</u>	<u>Recorded</u>	<u>Normal</u>
Average 12 Month No. of Customers:			
Residential (from p.7)		198,659	(A)
Business		20,523	
Average Annual Sales Per Customer (ccf):			
Residential	147		(B)
Business	861		
Metered Sales (Kccf):			
Residential (A x B)/1,000			29,203
Business (A x B)/1,000			17,670
Industrial (from p.9)		215	215
Public Authority (from p.9)		2,256	2,256
Resale (from p.9)		180	180
Other (from p.9)		62	62
Raw (from p.9)		73	73
			<u>49,659 (C)</u>
Total Metered Sales Potable			
Adopted Water Loss	6.8%		6.8%
Normalized Water Production			<u>53,036</u>
Metered Sales (Kccf):			
Recycled		823	823
Adopted Water Loss			
Normalized Recycled Water Production			<u>823</u>

Water Production (Kccf):

	Adopted (MG)	Conversion Factor	Adopted (Kccf)	Allocation (%)	Norm Kccf	Conversion Factor	Norm (MG)
Purchased Water	23,000	1.3368	30,747	57.50%	30,496	1.3368	22,813
Surface Supply	1,559	1.3368	2,085	3.90%	2,068	1.3368	1,547
Well Supply	15,444	1.3368	20,645	38.61%	20,477	1.3368	15,318
Total Potable Water Production			53,477 (to p. 2)	100.01%	53,041		39,678 (to p. 1)
Recycled Water	651	1.3368	870	100.00%	823	1.3368	616

SAN JOSE WATER COMPANY
(U-168-W)

AVERAGE RECORDED NUMBER OF SERVICES
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sept 17	Total	Average
Residential/ Residential FS														
5/8	824	826	824	824	824	826	826	826	840	824	824	824	9,912	826
3/4	166,639	166,709	166,684	166,656	166,674	166,684	166,729	166,779	167,030	166,634	166,660	166,749	2,000,627	166,719
1	29,599	29,636	29,639	29,629	29,629	29,672	29,687	29,787	29,949	29,593	29,593	29,793	356,206	29,684
1 1/2	1,100	1,114	1,100	1,100	1,100	1,112	1,112	1,112	1,116	1,100	1,100	1,112	13,278	1,107
2	272	272	272	272	272	280	280	280	280	272	272	280	3,304	275
3	28	28	28	28	28	28	28	28	28	28	28	28	336	28
4	11	11	11	11	11	11	11	11	11	11	11	11	132	11
6	8	8	8	8	8	8	8	8	8	8	8	8	96	8
8	1	1	1	1	1	1	1	1	1	1	1	1	12	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	198,482	198,605	198,567	198,529	198,547	198,622	198,682	198,832	199,263	198,471	198,497	198,806	2,383,903	198,659
Business														
5/8	48	48	48	48	48	48	48	48	48	48	48	48	576	48
3/4	5,656	5,646	5,633	5,621	5,628	5,626	5,646	5,666	5,674	5,699	5,714	5,723	67,932	5,661
1	6,782	6,782	6,762	6,751	6,751	6,762	6,782	6,802	6,811	6,812	6,811	6,826	81,434	6,786
1 1/2	2,619	2,619	2,626	2,623	2,623	2,619	2,619	2,619	2,619	2,619	2,619	2,619	31,443	2,620
2	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	4,182	50,184	4,182
3	794	794	794	794	794	794	794	794	794	794	794	794	9,528	794
4	279	279	279	278	278	279	279	279	279	279	279	279	3,346	279
6	123	123	123	123	123	123	123	123	123	123	123	123	1,476	123
8	23	23	23	23	23	23	23	23	23	23	23	23	276	23
10	7	7	7	7	7	7	7	7	7	7	7	7	84	7
Total	20,513	20,503	20,477	20,450	20,457	20,463	20,503	20,543	20,560	20,586	20,600	20,624	246,279	20,523
Residential & Business	218,995	219,108	219,044	218,979	219,004	219,085	219,185	219,375	219,823	219,057	219,097	219,430	2,630,182	219,182
Industrial														
5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	1	1	1	1	1	1	1	1	1	1	1	1	12	1
1	4	4	4	4	4	4	4	4	4	4	4	4	48	4
1 1/2	6	6	6	6	6	6	6	6	6	6	6	6	72	6
2	9	9	9	9	9	9	9	9	9	9	9	9	108	9
3	19	19	19	19	19	19	19	19	19	19	19	19	228	19
4	9	9	9	9	9	9	9	9	9	9	9	9	108	9
6	5	5	5	5	5	5	5	5	5	5	5	5	60	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	53	53	53	53	53	53	53	53	53	53	53	53	636	53
Residential FS Upsize only														
1/4	63	64	63	65	65	65	64	65	65	65	65	65	774	65
1/2	3,030	3,057	3,093	3,121	3,135	3,150	3,163	3,199	3,225	3,250	3,270	3,299	37,992	3,166
3/4	64	64	65	67	67	67	67	70	72	72	72	72	819	68
1	810	810	806	808	810	811	812	822	830	830	854	854	9,857	821
1 1/2	1	1	1	1	1	1	1	1	1	1	1	1	12	1
Total	3,968	3,996	4,028	4,062	4,078	4,094	4,107	4,157	4,193	4,218	4,262	4,291	49,454	4,174

**AVERAGE RECORDED NUMBER OF SERVICES
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017**

		Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sept 17	Total	Average
Public Authority	5/8	1	1	1	1	1	1	1	1	1	1	1	1	12	1
	3/4	67	67	67	67	67	67	67	67	67	67	67	67	804	67
	1	148	148	148	148	147	147	148	147	147	146	146	146	1,766	147
	1 1/2	176	176	176	176	176	177	176	176	176	176	175	175	2,111	176
	2	388	388	388	388	388	388	388	388	388	388	388	387	4,655	388
	3	388	388	388	388	386	386	388	387	387	387	387	387	4,647	387
	4	110	110	110	110	110	110	110	110	110	110	110	110	1,320	110
	6	37	37	37	37	37	37	37	37	37	37	37	37	444	37
	8	7	7	7	7	7	7	7	7	7	7	7	7	84	7
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1,322	1,322	1,322	1,322	1,319	1,320	1,322	1,320	1,320	1,319	1,318	1,317	15,843	1,320
Resale	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/4	3	3	3	3	3	3	3	3	3	3	3	3	36	3
	1	3	3	3	3	3	3	3	3	3	3	3	3	36	3
	1 1/2	3	3	3	3	3	3	3	3	3	3	3	3	36	3
	2	13	13	13	13	13	13	13	13	13	13	13	13	156	13
	3	11	11	11	11	11	11	11	11	11	11	11	11	132	11
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		33	33	33	33	33	33	33	33	33	33	33	33	396	33
Other	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	35	33	32	29	29	33	27	33	29	29	28	28	365	30
	1 1/2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	191	185	175	170	171	185	185	189	206	202	212	233	2,304	192
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		226	218	207	199	200	218	212	222	235	231	240	261	2,669	222
Raw	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	12	1
	1 1/2	1	1	1	1	1	1	1	1	1	1	1	1	12	1
	2	3	3	3	3	3	3	3	3	3	3	3	3	36	3
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		5	5	5	5	5	5	5	5	5	5	5	5	60	5
Recycled Piped	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	9	9	8	9	9	9	9	9	9	9	11	11	111	9
	1 1/2	13	13	13	13	13	13	15	15	15	15	14	15	167	14
	2	98	97	97	97	97	97	101	101	100	97	110	110	1,202	100
	3	69	68	67	64	62	62	68	70	68	68	55	56	777	65
	4	25	25	25	25	23	25	25	25	25	25	23	23	294	25
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	1	1	1	1	1	1	1	1	1	1	2	2	14	1
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		215	213	211	209	205	207	219	221	218	215	215	217	2,565	214
Recycled Well users	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1 1/2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	1	1	1	1	1	1	1	1	1	1	1	1	12	1
	3	0	1	1	1	1	1	1	1	1	1	1	1	11	1
	4	2	2	2	2	2	2	2	2	2	2	2	2	24	2
	6	1	1	1	1	1	1	1	1	1	1	1	1	12	1
	8	2	2	2	2	2	2	2	2	2	2	2	2	24	2
	10	1	1	1	1	1	1	1	1	1	1	1	1	12	1
Total		7	8	8	8	8	8	8	8	8	8	8	8	95	8
Private Fire	2	42	42	43	43	43	43	43	43	44	43	43	43	515	43
	3	5	5	5	5	5	5	5	5	5	5	5	5	60	5
	4	1105	1105	1105	1108	1108	1108	1108	1107	1107	1109	1117	1141	13,328	1,111
	6	1499	1502	1503	1502	1509	1512	1513	1530	1533	1533	1541	1548	18,225	1,519
	8	956	954	955	956	956	958	959	958	960	965	965	966	11,508	959
	10	140	140	140	138	138	138	138	139	138	139	140	140	1,668	139
	12	15	15	15	15	15	15	15	16	15	15	16	17	184	15
Total		3762	3763	3766	3767	3774	3779	3781	3798	3802	3809	3827	3860	45,488	3,791

SAN JOSE WATER COMPANY

(U-168-W)

RECORDED USAGE BY RATE BLOCK AND REVENUE CLASS
FOR THE TWELVE MONTHS ENDED SEPTEMBER 30, 2017

(ccf)

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	June 17	July 17	Aug 17	Sept 17	Total
Residential	2,202,034	2,195,999	1,739,169	1,616,620	1,369,424	1,320,148	1,349,292	1,567,261	1,906,423	2,607,331	2,550,173	2,882,257	23,306,131
Business	1,571,051	1,301,438	1,309,260	1,115,843	1,052,728	943,446	1,083,554	1,100,754	1,391,445	1,550,732	1,678,021	1,642,826	15,741,098
Subtotal	3,773,085	3,497,437	3,048,429	2,732,463	2,422,152	2,263,594	2,432,846	2,668,015	3,297,868	4,158,063	4,228,194	4,525,083	39,047,229
Industrial	20,639	16,082	19,400	16,564	15,950	13,692	18,155	16,119	19,244	18,536	22,156	18,797	215,334
Public Authority	272,822	125,230	94,618	67,146	71,142	70,215	76,601	178,920	310,117	327,972	341,131	319,859	2,255,773
Resale	20,787	11,396	11,077	10,754	10,337	9,619	10,447	13,461	17,819	21,431	24,449	18,042	179,619
Other	10,075	4,198	2,148	13,246	-438	2,129	1,922	3,839	8,069	4,954	5,451	6,037	61,630
Raw	2,964	2,717	3,031	779	598	514	764	2,856	16,791	19,244	19,649	2,770	72,677
Recycled piped	64,546	26,867	20,535	12,709	11,140	9,791	19,325	39,128	68,551	77,049	77,644	74,996	502,281
Recycled well	24,046	69,519	11,187	11,284	9,103	9,083	14,183	37,588	54,078	36,839	3,425	40,645	320,980
Total Potable Sales	4,097,408	3,654,343	3,175,672	2,840,173	2,519,143	2,359,249	2,539,971	2,880,354	3,653,117	4,530,956	4,621,381	4,887,818	41,759,585
Total Sales	4,188,964	3,753,446	3,210,425	2,864,945	2,539,984	2,378,637	2,574,243	2,959,926	3,792,537	4,664,088	4,722,099	5,006,229	42,655,523

SAN JOSE WATER COMPANY

ADVICE LETTER NO. 513A

ATTACHMENT C

ADVICE LETTER 513A
ATTACHMENT C -
RATEBASE ESCALATION CALCULATION

Total Authorized Ratebase at year end 2017	A	\$753,877
Total Authorized Ratebase for 2017 per D.16-06-004	B	\$715,677
Total Authorized Ratebase for 2016 per D.16-06-004	C	\$658,981
Attrition Adjustment to Ratebase for 2018	D = B - C	\$56,696
Ratebase for 2018	E = A + D	<u>\$810,573</u>

ADVICE LETTER 513A
ATTACHMENT C - SUMMARY OF EARNINGS
2018 ESCALATION RATE
INCREASE

Revenue
Increase:
13,025.0
13025

Revenue
Increase:
15,670.0
15670

2016 July 1, 2016 Authorized AL 490	Escalation Year #1, 2017					2017 Montevina Authorized AL 506	2017 Authorized	2017 SCVWD Authorized AL 509A	2017 July 1, 2017 Authorized	Escalation Year 2018					2018 Projected Escalation Year
	Customer Growth Factor	and Labor Inflation Factor	or Composite Non-Labor or Factor	CPI-U Inflation Factor	= Projected Escalation Year					Customer Growth Factor	and Labor Inflation Factor	or Composite Non-Labor Factor	or CPI-U Inflation Factor	=	
	0.30%	1.30%	2.00%	1.50%						0.30%	2.10%	1.20%	2.20%		
339,886.3					352,911.3	5,338.8	358,250.1	12,406.6	370,656.7						386,326.7
487.0					487.0	0.0	487.0	0.0	487.0						487.0
PURCHASED WATER	82,727.4	210.5	0.0	0.0	82,937.9	0.0	82,937.9	7,270.5	90,208.5	270.6	0.0	0.0	0.0		90,479.1
PURCHASED WATER RECYCLED	1,617.5	3.8	0.0	0.0	1,621.3	0.0	1,621.3	205.7	1,827.0	5.5	0.0	0.0	0.0		1,832.5
PUMP TAX	50,809.8	127.1	0.0	0.0	50,936.9	0.0	50,936.9	4,882.0	55,818.9	167.5	0.0	0.0	0.0		55,986.3
PURCHASED POWER	8,915.0	26.7	0.0	0.0	8,941.7	0.0	8,941.7	0.0	8,941.7	26.8	0.0	0.0	0.0		8,968.6
OTHER OPERATION AND MAINTENANCE	753.0	2.3	0.0	15.1	770.3	0.0	770.3	0.0	770.3	2.3	0.0	9.2	0.0		781.9
CHEMICALS	459.0	1.4	0.0	9.2	469.6	0.0	469.6	0.0	469.6	1.4	0.0	5.6	0.0		476.6
UNCOLLECTIBLES	513.8	1.4	0.0	9.6	524.8	0.0	524.8	18.7	543.5	1.6	0.0	6.5	0.0		551.7
O&M PAYROLL	18,915.0	56.7	245.9	0.0	19,217.6	0.0	19,217.6	0.0	19,217.6	57.7	403.6	0.0	0.0		19,678.9
TRANSPORTATION	3,311.0	9.9	0.0	66.2	3,387.2	0.0	3,387.2	0.0	3,387.2	10.2	0.0	40.6	0.0		3,438.0
PURCHASED SERVICES	10,663.0	32.0	0.0		10,854.9	0.0	10,854.9	0.0	10,854.9	32.6	0.0	0.0	0.0		10,887.5
CONSERVATION	2,822.0	8.5	0.0	42.3	2,872.8	0.0	2,872.8	0.0	2,872.8	8.6	0.0	0.0	63.2		2,944.6
OTHER ADMIN AND GEN. EXP.	4,132.0	12.4	0.0	82.6	4,227.0	0.0	4,227.0	0.0	4,227.0	12.7	0.0	50.7	0.0		4,290.4
A&G PAYROLL	7,829.0	23.5	101.8		7,954.3	0.0	7,954.3	0.0	7,954.3	23.9	167.0	0.0	0.0		8,145.2
PENSION	6,700.0	20.1	87.1		6,807.2	0.0	6,807.2	0.0	6,807.2	0.0	0.0	0.0	0.0		6,807.2
BENEFITS	3,214.0	9.6	41.8		3,265.4	0.0	3,265.4	0.0	3,265.4	9.8	68.6	0.0	0.0		3,343.8
HEALTH CARE & DENTAL	6,237.0	18.7	81.1		6,336.8	0.0	6,336.8	0.0	6,336.8	19.0	82.4	0.0	0.0		6,438.2
RENTS	498.0	1.5	0.0	7.5	507.0	0.0	507.0	0.0	507.0	1.5	0.0	0.0	11.2		519.6
PROPERTY INSURANCE	234.0	0.7	0.0	3.5	238.2	0.0	238.2	0.0	238.2	0.7	0.0	0.0	5.2		244.2
LIABILITY INSURANCE	2,049.0	6.1	0.0	30.7	2,085.9	0.0	2,085.9	0.0	2,085.9	6.3	0.0	0.0	45.9		2,138.0
A&G PURCHASED SERVICES	3,328.0	10.0	0.0	0.0	3,387.9	0.0	3,387.9	0.0	3,387.9	10.2	0.0	0.0	74.5		3,472.6
A&G TRANSFERRED SERVICES	-7,462.0	-22.4	0.0	-149.2	-7,633.6	0.0	-7,633.6	0.0	-7,633.6	-22.9	0.0	0.0	0.0		-7,656.5
TOTAL O. & M., A. & G., & MISC. EXP.	208,265.5	560.6	557.6	33.5	209,711.1	0.0	209,711.1	12,376.9	222,088.1	645.8	721.6	112.8	200.0		223,768.2
AD VALOREM TAXES	8,254.0	24.4	0.0	162.9	8,441.4	346.8	8,788.2	0.0	8,788.2	26.4	0.0	105.5	0.0		8,920.0
LOCAL FRANCHISE TAXES & BUS. LICENSE	844.6	2.4	0.0	15.8	862.8	0.0	862.8	29.6	892.4	2.7	0.0	10.7	0.0		905.8
PAYROLL TAXES	2,006.0	6.0	26.1	0.0	2,038.1	0.0	2,038.1	0.0	2,038.1	6.1	0.0	0.0	0.0		2,044.2
TOTAL GENERAL TAXES	11,104.6	32.8	26.1	178.7	11,342.3	346.8	11,689.1	29.6	11,718.7	35.2	0.0	116.2			11,870.1
Depreciation	42,299.2	3566.5			45,865.7	996.8	46,862.6	0.0	46,862.6	3,566.5					50,429.1
SUB -- TOTAL -- OPERATING EXPENSES	261,669.3	4,160.0	583.7	212.2	266,919.1	1,343.7	268,262.8	12,406.5	280,669.4	4,247.5	721.6	228.9	200.0		286,067.4
STATE INCOME TAX	3,256.3				4,637.5	409.3	5,046.7	0.0	5,046.7						6,180.7
FEDERAL INCOME TAX	21,493.8				23,183.6	1,227.9	24,411.5	0.0	24,411.5						28,951.4
	286,329.3				294,740.2	2,980.8	297,721.1	12,406.5	310,127.6						321,199.4
	54,044.0				58,658.0	2,358.0	61,016.0	0.1	61,016.1						65,614.3
	668,034.1	56,696.0			724,730.1	29,147.0	753,877.1	0.0	753,877.1	56,696.0					810,573.1
8.09%					8.09%	8.09%	8.09%		8.09%						8.09%
8.09%					8.09%	8.09%	8.09%		8.09%						8.09%

ADVICE LETTER 513A- ATTACHMENT C

SAN JOSE WATER COMPANY
(U-168-W)

COMPUTATION OF TAXES BASED ON INCOME
(2016- 2018)

ESTIMATED AT PRESENT AND PROPOSED RATES

(Thousands of Dollars)

	AL488 2016	AL489/490 2016	Jan 2017	Jan 2018
Revenue:				
Operating Revenue	\$316,788.0	\$339,886.3	\$352,911.3	\$386,326.7
Deferred Revenue	\$487.0	\$487.0	\$487.0	\$487.0
Deductions:				
O & M Expenses (Excluding Uncollectables)	\$160,117.0	\$181,506.6	\$182,010.2	\$195,473.9
Uncollectibles	\$481.0	\$513.9	\$524.8	\$551.7
A&G Expenses	\$26,759.0	\$26,759.0	\$27,176.1	\$27,742.7
Taxes Other Than Income	\$10,185.0	\$10,260.0	\$10,479.5	\$10,964.2
Local Franchise Taxes	\$759.0	\$845.2	\$862.8	\$905.8
Transportation Depreciation	(\$992.0)	(\$992.0)	(\$1,190.0)	(\$1,190.0)
Interest Expense	\$21,381.0	\$21,381.0	\$23,224.0	\$23,224.0
Less 50% Meals Disallowed	\$92.0	\$92.0	\$92.0	\$92.0
Total Deductions	\$218,782.0	\$240,365.7	\$243,179.4	\$257,764.3
State Corporate Franchise Tax:				
Tax Depreciation	(\$40,114.0)	(\$40,114.0)	(\$43,532.0)	(\$44,905.3)
State Tax Deduction on Repairs & Maint	(\$22,613.0)	(\$22,613.0)	(\$13,774.0)	(\$13,774.0)
Deferred Revenue (Net of Tax)	\$43.0	\$43.0	\$34.0	\$34.0
Taxable Income Incl Def Revenue	\$35,322.0	\$36,836.5	\$52,459.9	\$69,917.1
Tax @ 8.84%	\$3,122.5	\$3,256.3	\$4,637.5	\$6,180.7
Federal Income Tax:				
Tax Depreciation	(\$33,524.0)	(\$33,524.0)	(\$37,407.0)	(\$38,215.0)
State Franchise Tax	(\$3,122.5)	(\$3,256.3)	(\$4,637.5)	(\$6,180.7)
IRS Sec 199 QPA Deduction	(\$1,338.0)	(\$1,338.0)	(\$1,457.0)	(\$1,457.0)
Taxable Income Excluding Deferred Revenue	\$60,021.5	\$61,402.2	\$66,230.4	\$82,709.7
Tax @ 35.00%	\$21,007.5	\$21,490.8	\$23,180.6	\$28,948.4
Amortization of Unrecoverable Prepaid Tax on CIAC & Advances	\$3.0	\$3.0	\$3.0	\$3.0
Federal Tax	\$21,010.5	\$21,493.8	\$23,183.6	\$28,951.4
Total Income Tax	\$24,133.0	\$24,750.1	\$27,821.1	\$35,132.1

ADVICE LETTER 513A
ATTACHMENT F - PART 1
2018 ESCALATION YEAR
BASE RATE ALLOCATION

METER CHARGE CALCULATION									
Revenue to be Recovered in Meter Charge					\$4,701,000				
Schedule No. 1, 1B, & 1C									
Meter Size	2018 No. of Customers Authorized	No. of Billings	Meter Ratio (SP U-25)	Meter Ratio Equiv	Meter Charge Increase (\$/Month)	Increase to Total Service Charge	Authorized AL 506 Eff. 3/20/2017 Meter Charge (\$/Month)	New Meter Charge (\$/Month)	Meter Charge Increase (%)
5/8	876	10,512	1.5	15,768	\$1.23	\$12,877	\$25.45	\$26.68	4.81%
3/4	176,373	2,116,476	1.5	3,174,714	\$1.23	\$2,592,683	\$25.45	\$26.68	4.81%
1	34,414	412,968	2.5	1,032,420	\$2.05	\$846,584	\$42.37	\$44.42	4.84%
1 1/2	4,010	48,120	5	240,600	\$4.11	\$197,773	\$84.78	\$88.89	4.85%
2	4,926	59,112	8	472,896	\$6.57	\$388,366	\$135.68	\$142.25	4.84%
3	1,433	17,196	15	257,940	\$12.33	\$212,027	\$254.37	\$266.70	4.85%
4	413	4,956	25	123,900	\$20.54	\$101,796	\$423.96	\$444.50	4.84%
6	185	2,220	50	111,000	\$41.09	\$91,220	\$847.91	\$889.00	4.85%
8	30	360	80	28,800	\$65.74	\$23,666	\$1,356.67	\$1,422.41	4.85%
10	40	480	115	55,200	\$94.50	\$45,360	\$1,950.24	\$2,044.74	4.85%
	222,700	2,672,400		5,513,238		\$4,512,352			
Schedule No. RW. Raw Water Service:									
3/4	0	0	1.5	0	\$1.23	\$0	\$25.45	\$26.68	4.81%
1	0	0	2.5	0	\$2.05	\$0	\$42.37	\$44.42	4.84%
1 1/2	1	7	5	35	\$4.11	\$29	\$84.78	\$88.89	4.85%
2	3	36	8	288	\$6.57	\$237	\$135.68	\$142.25	4.84%
3	0	0	15	0	\$12.33	\$0	\$254.37	\$266.70	4.85%
4	0	0	25	0	\$20.54	\$0	\$423.96	\$444.50	4.84%
6	0	0	50	0	\$41.09	\$0	\$847.91	\$889.00	4.85%
8	0	0	80	0	\$65.74	\$0	\$1,356.67	\$1,422.41	4.85%
10	0	0	115	0	\$94.50	\$0	\$1,950.24	\$2,044.74	4.85%
	4	43		323		\$266			
Schedule No. RCW. Recycled Water Service Piped:									
3/4	0	0	1.5	0	\$1.23	\$0	\$25.45	\$26.68	4.81%
1	2	24	2.5	60	\$2.05	\$49	\$42.37	\$44.42	4.84%
1 1/2	8	96	5	480	\$4.11	\$395	\$84.78	\$88.89	4.85%
2	92	1,104	8	8,832	\$6.57	\$7,253	\$135.68	\$142.25	4.84%
3	32	384	15	5,760	\$12.33	\$4,735	\$254.37	\$266.70	4.85%
4	34	408	25	10,200	\$20.54	\$8,380	\$423.96	\$444.50	4.84%
6	1	12	50	600	\$41.09	\$493	\$847.91	\$889.00	4.85%
8	1	12	80	960	\$65.74	\$789	\$1,356.67	\$1,422.41	4.85%
10	1	12	115	1,380	\$94.50	\$1,134	\$1,950.24	\$2,044.74	4.85%
	171	2,052		28,272		\$23,228			
Schedule No. RCW. Recycled Water Service Well Users: (1)									
2	1	12		4.22%	\$1.33	\$16	\$31.62	\$32.95	4.22%
3	1	12		4.22%	\$1.78	\$21	\$42.16	\$43.94	4.22%
4	2	24		4.22%	\$2.00	\$48	\$47.42	\$49.42	4.22%
6	1	12		4.22%	\$3.34	\$40	\$79.05	\$82.39	4.22%
8	2	24		4.22%	\$4.00	\$96	\$94.86	\$98.86	4.22%
10	1	12		4.22%	\$6.23	\$75	\$147.55	\$153.78	4.22%
	8	96				\$296			
Schedule No. 4. Private Fire Service: (1)									
2	44	528		4.22%	\$1.09	\$574	\$25.75	\$26.84	4.22%
3	5	63		4.22%	\$1.63	\$103	\$38.60	\$40.23	4.22%
4	1,101	13,209		4.22%	\$2.17	\$28,696	\$51.48	\$53.65	4.22%
6	1,483	17,794		4.22%	\$3.26	\$58,000	\$77.24	\$80.50	4.22%
8	946	11,351		4.22%	\$4.34	\$49,319	\$102.96	\$107.30	4.22%
10	138	1,661		4.22%	\$5.43	\$9,022	\$128.71	\$134.14	4.22%
12	14	170		4.22%	\$6.52	\$1,108	\$154.45	\$160.97	4.22%
	3,731	44,776				\$146,822			
Total Meter Charges for all Schedules						\$4,682,964			

Calculation of New RW rate		Potable Rate Adjustment for Treatment Charge	\$4.9806 ccf =	\$2,169.55 AF (\$100.00) AF
Raw Water		AL 513A	\$4.7510 ccf	\$2,069.55 AF

(1) Sch No. RCW and Sch No. 4 rates are escalated by the total revenue increase percentage consistent with the methodology used in D.16-06-004

ADVICE LETTER 513A
ATTACHMENT C -
2018 ESCALATION YEAR
RATE INCREASE

Revenue To be Recovered in Meter Charge	30.00%	X	Revenue Increase (\$)	
Revenue To be Recovered in Quantity Rate	70.00%	X	15,670,000	\$4,701,000
			15,670,000	\$10,969,000

QUANTITY RATE CALCULATION									
Rate Schedule	AL 509A 2017 Authorized Revenue (\$)	AL 513 2018 Escalation Rate Increase Revenue (\$)	Total Revenue to be Recovered (Att. D) (\$)	Total Revenue Increase (%)	Revenue to be Recovered in Quan.Rate (\$)	2018 Escalated Authorized Total Usage* D.16-06-004 (ccf)	Quantity Rate Increase (\$/ccf)	Uniform Quantity Rate 3/20/2017 AL 506 (\$/ccf)	New Quantity Rate (\$/ccf)
Total	371,143,700	386,813,700	15,670,000	4.22%	10,969,000	50,695,535 Excludes Recycled Well Users	0.2164	4.7642	4.9806

TOTAL POTABLE REVENUE CALCULATION						
	Percentage of Potable Sales to Total Sales (%)	2018 Escalated Authorized Potable Usage D.16-06-004 (ccf)	Revenue to be Recovered in Potable Quan.Rate (\$)	Quantity Rate Increase (\$/ccf)	Uniform Quantity Rate 2017 AL 506 (\$/ccf)	New Potable Quantity Rate (\$/ccf)
Potable Water	98.98%	50,177,835	10,856,985	0.2164	4.7642	4.9806

TOTAL RAW REVENUE CALCULATION						
	Percentage of Raw Sales to Total Sales (%)	2018 Authorized Raw Usage D.16-06-004 (ccf)	Revenue to be Recovered in Raw Quan.Rate (\$)	Quantity Rate Increase (\$/ccf)	Raw Quantity Rate 2017 AL 506 (\$/ccf)	New Raw Quantity Rate (\$/ccf)
Raw Water	0.03%	14,000.00	3,029	0.2164	4.5346	4.7510

TOTAL RECYCLED PIPED REVENUE CALCULATION						
	Percentage of Recycled Piped Sales to Total Sales (%)	2018 Authorized Recycled Piped Usage D.16-06-004 (ccf)	Revenue to be Recovered in Recycled Piped Quan.Rate (\$)	Quantity Rate Increase (\$/ccf)	Recycled Piped Quantity Rate 2017 AL 506 (\$/ccf)	New Recycled Quantity Rate (\$/ccf)
Recycled Piped	0.99%	503,700.00	108,986	0.2164	4.2936	4.5100

Total Quantity Charges for all Schedules	\$10,969,000
--	--------------

ADVICE LETTER #13a
ATTACHMENT C PART 2
2018 ESCALATION YEAR TIER RATE DESIGN

SQR (\$/CCF) \$4.9806
New Q Revenue Target \$ 145,602,860

Three Tier Rate Design

Rate Tier Criteria as % of SQR		
	% of SQR	rate
Tier 1	0.9	\$4.48254
Tier 2	1	\$4.98060
Tier 3	1.1	\$5.4787

Revenue Neutrality Test			
Target at SQR	\$	145,602,860.4	
Rev neutrality, tier.SQR	\$	364,007.15	
% tier >SQR		0.250%	

	Rationale	Proposed Tiers(ccf)	Tier rate differential	Existing Rates	Proposed New Rates	Ccf estimate sales in tier	Rev estimate \$ sales in tier	Portion of total consumption in tier	Portion of Revenue by Tier
Tier 1	indoor consumption est.*	0 to 3 ccfs	90.00%	\$4.2878	\$4.4825	5,846,800	\$ 26,208,515	20.00%	17.96%
Tier 2	up to annual average	4 to 18 ccfs	100.00%	\$4.7642	\$4.9806	16,809,550	\$ 83,721,645	57.50%	57.36%
Tier 3	Above annual average	19 ccfs and above	110.00%	\$5.2406	\$5.4787	6,577,650	\$ 36,036,708	22.50%	24.69%
						29,234,000	\$ 145,966,868		

SAN JOSE WATER COMPANY

ADVICE LETTER NO. 513A

ATTACHMENT D

MEMORANDUM

Date : October 30, 2017

To : R. Smith, Program Manager, ORA; R. Kahlon, Director, Water Division

From : M. Kanter, Regulatory Analyst, ORA Energy Cost of Service & Natural Gas Branch
W. Wei, Financial Examiner, ORA Water Branch

File No. : S-2559

Subject: Office of Ratepayer Advocates: Estimates of Non-labor and Wage Escalation Rates for 2017 through 2021 from the October 2017 IHS Global Insight U.S. Economic Outlook

The purpose of the monthly Escalation Memorandum is to inform division management of the trends in the general price level of utility non-labor expenses and wage contracts. Data are provided for 13 years, which include eight historic years, the estimated current year, and four forecasted years.

The following table summarizes the major changes in forecasted labor and non-labor inflation for years 2017 through 2021. Data for 2016 are provided as benchmarks. The factors for September 2017 are presented for comparison.

FORECASTED INFLATION					
	Labor		Non-labor		
	<u>10/17</u>	<u>09/17</u>	<u>10/17</u>	<u>09/17</u>	
2016	0.1%	0.1%	-1.1%	-1.1%	
2017	1.3%	1.3%	3.4%	3.3%	
2018	2.1%	2.0%	1.2%	1.1%	
2019	1.7%	1.6%	1.3%	1.6%	
2020	2.2%	2.3%	1.7%	1.8%	
2021	2.7%	2.8%	1.3%	1.4%	
Compounded	10.5%	10.5%	8.1%	8.4%	

A more extensive explanation of the derivation and use of the above factors and a complete presentation of the escalation factors from 2009 through 2021 are provided in the attached appendix.

APPENDIX: EXPLANATION OF ESCALATION RATES

The recommended NON-LABOR ESCALATION RATES for 2017 through 2021 are presented in Table A. The values for 2009 through 2016 are provided for comparison.

TABLE A

Year	Non-Labor Inflation Rate*
2009	-3.6%
2010	4.8%
2011	5.5%
2012	0.7%
2013	0.5%
2014	0.9%
2015	-2.8%
2016	-1.1%
2017	3.4%
2018	1.2%
2019	1.3%
2020	1.7%
2021	1.3%

* Revised 07/17/97 based on 1995 re-weighted purchases. [Source: BLS, Supplement to Producer Price Indexes, 1995, Table 12]

These escalation rates represent the calendar year average, or alternatively stated, the 12-month-ended spot rate at mid-year. These price factors have not been adjusted for real growth of expensed materials and services. The escalation factors are generated from a composite index of 10 Wholesale Price Indexes (WPI) for materials and supplies expenses and the CPI-U weighted 5% for services and consumer-related items. **These non-labor rates are not applicable to plant, contracted services, loans, insurance, rents, and pensions and other utility employee benefits. Escalation of these expenses is addressed on pages 10-15 of D.04-06-018/R.03-09-005 (Water Rate Case Plan).**

cc: M. Pocta L. Bilir R. Kahlon C. Tang

Economic News Release

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Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U. S. city average, by expenditure category

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, by expenditure category, September 2017

[1982-84=100, unless otherwise noted]

Expenditure category	Relative importance Aug. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016	Aug. 2017	Sep. 2017	Sep. 2016-Sep. 2017	Aug. 2017-Sep. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017	Aug. 2017-Sep. 2017
All items	100.000	241.428	245.519	246.819	2.2	0.5	0.1	0.4	0.5
Food	13.643	247.917	250.493	250.993	1.2	0.2	0.2	0.1	0.1
Food at home	7.846	238.120	238.843	239.128	0.4	0.1	0.2	-0.2	0.0
Cereals and bakery products	1.055	272.089	272.544	271.750	-0.1	-0.3	-0.4	0.3	0.1
Meats, poultry, fish, and eggs	1.756	246.642	247.985	247.613	0.4	-0.2	0.7	-0.2	-0.4
Dairy and related products	0.799	216.693	216.537	216.564	-0.1	0.0	0.3	-0.4	-0.6
Fruits and vegetables	1.330	293.423	295.009	297.047	1.2	0.7	0.5	-0.2	-0.2
Nonalcoholic beverages and beverage materials	0.938	166.573	166.822	167.429	0.5	0.4	-0.3	-0.4	0.4
Other food at home	1.968	209.426	209.905	210.159	0.4	0.1	0.0	-0.1	0.2
Food away from home(1)	5.797	264.102	269.522	270.353	2.4	0.3	0.2	0.3	0.3
Energy	7.372	195.852	205.894	215.711	10.1	4.8	-0.1	2.8	6.1
Energy commodities	3.598	197.603	212.978	234.982	18.9	10.3	0.0	6.1	12.6
Fuel oil(1)	0.097	212.019	226.590	245.085	15.6	8.2	-2.0	2.9	8.2
Motor fuel	3.415	194.660	209.881	232.076	19.2	10.6	0.0	6.3	13.0
Gasoline (all types)	3.365	193.817	209.000	231.182	19.3	10.6	0.0	6.3	13.1
Energy services(2)	3.774	202.941	208.454	207.339	2.2	-0.5	-0.2	-0.1	-0.2
Electricity(2)	2.963	214.381	219.078	218.117	1.7	-0.4	0.4	0.0	0.0
Utility (piped) gas service(2)	0.811	165.881	173.646	172.111	3.8	-0.9	-2.3	-0.5	-0.8
All items less food and energy	78.985	248.731	252.460	252.941	1.7	0.2	0.1	0.2	0.1
Commodities less food and energy commodities	18.813	145.562	143.895	144.108	-1.0	0.1	-0.1	-0.1	-0.2
Apparel	3.020	128.429	124.147	128.150	-0.2	3.2	0.3	0.1	-0.1
New vehicles	3.578	146.499	145.712	145.037	-1.0	-0.5	-0.5	0.0	-0.4
Used cars and trucks	1.980	142.482	139.350	137.141	-3.7	-1.6	-0.5	-0.2	-0.2
Medical care commodities	1.868	374.142	381.114	377.869	1.0	-0.9	1.0	-0.1	-0.8
Alcoholic beverages	0.942	242.614	245.042	245.884	1.3	0.3	0.1	0.1	0.4
Tobacco and smoking products	0.684	970.921	1,029.619	1,031.891	6.3	0.2	-0.1	-0.1	0.4
Services less energy services	60.172	312.205	319.559	320.210	2.6	0.2	0.2	0.4	0.2
Shelter	33.832	290.445	299.157	299.844	3.2	0.2	0.1	0.5	0.3
Rent of primary residence(2)	7.917	298.962	309.479	310.268	3.8	0.3	0.2	0.4	0.2
Owners' equivalent rent of residences(2)(3)	24.632	297.636	306.201	307.106	3.2	0.3	0.3	0.3	0.2
Medical care services	6.662	499.483	507.390	508.078	1.7	0.1	0.3	0.2	0.1
Physicians' services(2)	1.658	382.134	378.990	379.169	-0.8	0.0	0.1	0.4	0.2
Hospital services(2)(4)	2.290	306.404	319.394	320.449	4.6	0.3	0.5	0.2	0.2
Transportation services	5.957	298.129	309.469	309.704	3.9	0.1	0.2	0.4	0.3

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): U. S. city average, by expenditure category

Expenditure category	Relative importance Aug. 2017	Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
		Sep. 2016	Aug. 2017	Sep. 2017	Sep. 2016-Sep. 2017	Aug. 2017-Sep. 2017	Jun. 2017-Jul. 2017	Jul. 2017-Aug. 2017	Aug. 2017-Sep. 2017
Motor vehicle maintenance and repair ⁽¹⁾	1.156	275.331	280.488	282.203	2.5	0.6	0.1	0.3	0.6
Motor vehicle insurance	2.565	492.119	530.908	532.455	8.2	0.3	0.3	1.0	0.5
Airline fares	0.600	267.457	259.359	259.143	-3.1	-0.1	0.7	-1.0	-0.1

Footnotes

(1) Not seasonally adjusted.

(2) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(3) Indexes on a December 1982=100 base.

(4) Indexes on a December 1996=100 base.

NOTE: Index applies to a month as a whole, not to any specific date.

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www.bls.gov/CPI | Telephone: 1-202-691-7000 | [Contact CPI](#)

**SAN JOSE WATER COMPANY
(U-168-W)**

OPERATING AND MAINTENANCE EXPENSES

Operating Expenses

Labor:

Payroll expenses are estimated and distributed to various departments based on 2011 departmental payroll percentage. For payroll information, see WP 8-8 through 8-13.

Transportation:

See WP 8-21 for total transportation expenses. Transportation costs allocated to operations and maintenance departments based on percentages of departmental expense over total transportation expense multiplied by estimated transportation distributable to O & M Dept.

Purchased Services - Materials & Supplies:

Based on the three year average purchased service cost (WP 8-18).

Chemical costs based on forecast by Water Quality Department (WP 8-26).

Other:

Escalation by rate of inflation is assumed for 2012, 2013, 2014 & 2015.

Either from recorded 2011 or from 5-yr average.

Maintenance Expenses

Labor:

Payroll WP 8-13.

Purchased Services - Materials & Supplies:

Based on three year average purchased service cost adjusted for inflation (WP 8-18).

Other:

Escalation by rate of inflation is assumed for 2012, 2013, 2014 and 2015.

Either from recorded 2011 or from 5-yr average.

Inflation Factor

<u>Year</u>	<u>Labor</u>	<u>Non Labor [1]</u>	<u>Comp Per Hour [2]</u>	<u>Weighted [2]</u>	<u>Customer Growth</u>	<u>5 year Avg Customer Growth</u>
2000	1.022	1.035	1.069	1.049		
2001	1.034	1.000	1.027	1.011		
2002	1.028	1.000	1.032	1.013	1.008	
2003	1.016	1.025	1.047	1.034	1.007	
2004	1.023	1.058	1.045	1.053	1.006	
2005	1.027	1.055	1.036	1.047	1.001	
2006	1.034	1.055	1.039	1.049	1.002	
2007	1.032	1.030	1.043	1.035	1.008	
2008	1.029	1.063	1.027	1.049	1.001	
2009	1.038	0.999	1.011	1.004	1.001	
2010	0.997	1.048	1.021	1.037	1.003	
2011	1.016	1.054	1.025	1.042	1.002	
2012	1.031	1.008	1.026	1.015		1.000
2013	1.021	1.005	1.012	1.008		1.000
2014	1.015	1.014	1.028	1.020		1.003
2015	1.016	0.972	1.029	0.995		1.003
2016	1.001	0.989	1.022	1.002		1.003
2017	1.013	1.034	1.020	1.028		1.003
2018	1.021	1.012	1.034	1.021		1.003
<u>Escalation Calculation</u>	<u>Labor</u>	<u>Non-Labor</u>	<u>Comp Per Hour</u>	<u>Composite Weighted</u>		
2002 to 2011	1.248	1.362	1.267	1.324		
2003 to 2011	1.215	1.291	1.223	1.264		
2004 to 2011	1.175	1.224	1.177	1.205		
2005 to 2011	1.139	1.188	1.128	1.164		
2006 to 2011	1.107	1.118	1.099	1.110		
2007 to 2011	1.066	1.119	1.087	1.106		
2008 to 2011	1.069	1.068	1.064	1.066		
2009 to 2011	1.053	1.013	1.038	1.023		
2010 to 2011	1.021	1.005	1.012	1.008		
2011 to 2012	1.015	1.014	1.028	1.020		
2011 to 2013	1.031	0.986	1.058	1.015		
2011 to 2014	1.032	0.975	1.081	1.017		
2011 to 2015	1.046	1.008	1.103	1.045		

[1] Inflation forecast based on Office of Ratepayer Advocates. Estimates of Non-labor and Wage Escalation Rates for 2016 through 2021 from the October 2017 HIS Global Insight U.S. Economic Outlook (memo dated October 30, 2017)

[2] Inflation forecast based on ORA October 2017 Summary of Compensation per Hour (memo dated October 30, 2017)

[3] Weighted Factor = 40% Comp Per Hour + 60% Non-Labor.

SAN JOSE WATER COMPANY
(U-168-W)

ESTIMATED NUMBER OF CUSTOMERS BY METER SIZE
RESIDENTIAL & BUSINESS, INDUSTRIAL, PUBLIC AUTHORITY
(2015 - 2018)

Customer Growth Factor .003

Customer Class	Meter Size (Inches)	2014	% of Distribution	2015	2016	2017	2018
				Average No. of Customers 198,860	Average No. of Customers 199,416	Average No. of Customers 200,014	Average No. of Customers 200,614
Res	5/8	815	0.41%	818	819	823	824
	3/4	168,810	85.20%	169,422	169,895	170,404	170,917
	1	27,181	13.72%	27,279	27,356	27,438	27,520
	1 1/2	1,078	0.54%	1,082	1,085	1,088	1,091
	2	233	0.12%	234	234	235	236
	3	16	0.01%	16	16	16	16
	4	2	0.00%	2	2	2	2
	6	8	0.00%	8	8	8	8
	8	0	0.00%	0	0	0	0
	10	0	0.00%	0	0	0	0
Total Residential		198,143	100.00%	198,861	199,415	200,014	200,614
				20,306	20,332	20,393	20,454
Business	5/8	48	0.24%	48	48	48	48
	3/4	5,307	26.20%	5,321	5,327	5,344	5,360
	1	6,595	32.56%	6,612	6,621	6,640	6,660
	1 1/2	2,689	13.28%	2,696	2,699	2,708	2,716
	2	4,240	20.94%	4,251	4,257	4,269	4,282
	3	926	4.57%	928	930	932	935
	4	289	1.43%	290	290	291	292
	6	128	0.63%	128	128	129	129
	8	24	0.12%	24	24	24	24
	10	7	0.03%	7	7	7	7
Total Business		20,253	100.00%	20,305	20,331	20,392	20,453
				53	53	53	53
Industrial	5/8	0	0.00%	0	0	0	0
	3/4	0	0.00%	0	0	0	0
	1	0	0.00%	0	0	0	0
	1 1/2	3	5.66%	3	2	3	3
	2	8	15.09%	8	8	8	8
	3	18	33.96%	18	18	18	18
	4	15	28.30%	15	15	14	15
	6	9	16.98%	9	9	9	9
	8	0	0.00%	0	0	0	0
	10	0	0.00%	0	0	0	0
Total Industrial		53	100.00%	53	52	52	53
				1,320	1,293	1,297	1,301
Public Authority	5/8	2	0.15%	2	2	2	2
	3/4	95	7.00%	92	91	91	91
	1	208	15.33%	202	199	200	200
	1 1/2	192	14.15%	187	183	184	184
	2	412	30.36%	401	393	394	395
	3	292	21.52%	284	278	279	280
	4	109	8.03%	106	104	104	104
	6	41	3.02%	40	39	39	39
	8	6	0.44%	6	6	6	6
	10	0	0.00%	0	0	0	0
Total Public Authority		1357	100.00%	1,320	1,295	1,299	1,301

SAN JOSE WATER COMPANY
(U-168-W)

WP B

ESTIMATED NUMBER OF CUSTOMERS BY METER SIZE
RESALE, OTHER SALES, RECYCLED
(2015 - 2018)

Customer Growth Factor .003

Customer Class	Meter Size (Inches)	2014	% of Distribution	2015 Average No. of Customers 32	2016 Average No. of Customers 32	2017 Average No. of Customers 33	2018 Average No. of Customers 33
Resale	3/4	2	5.71%	2	2	2	2
	1	5	14.29%	5	5	5	5
	1 1/2	4	11.43%	4	4	4	4
	2	18	51.43%	16	16	16	16
	3	5	14.29%	5	5	5	5
	4	1	2.86%	1	1	1	1
	6	0	0.00%	0	0	0	0
	8	0	0.00%	0	0	0	0
	10	0	0.00%	0	0	0	0
Total Resale		35	100.00%	33	33	33	33
Other Sales	5/8	0	0.00%	0	0	0	0
	3/4	0	0.00%	0	0	0	0
	1	27	14.06%	28	30	30	30
	1 1/2	0	0.00%	0	0	0	0
	2	0	0.00%	0	0	0	0
	3	165	85.94%	174	182	183	183
	Total Other Sales	192	100.00%	202	212	213	213
Recycled Piped	3/4	0	0.00%	0	0	0	0
	1	2	1.37%	2	2	2	2
	1 1/2	7	4.79%	7	8	8	8
	2	78	53.42%	75	92	92	92
	3	27	18.49%	26	31	31	32
	4	29	19.86%	28	34	34	34
	6	1	0.68%	1	1	1	1
	8	1	0.68%	1	1	1	1
	10	1	0.68%	1	1	1	1
Total Recycled Piped		146	100.00%	141	170	170	171
Recycled Well	3/4	0	0.00%	0	0	0	0
	1	0	0.00%	0	0	0	0
	1 1/2	0	0.00%	0	0	0	0
	2	1	12.50%	1	1	1	1
	3	1	12.50%	1	1	1	1
	4	2	25.00%	2	2	2	2
	6	1	12.50%	1	1	1	1
	8	2	25.00%	2	2	2	2
	10	1	12.50%	1	1	1	1
Total Recycled Well		8	100.00%	8	8	8	8
Raw	5/8 X 3/4	0		0	0	0	0
	3/4	0		0	0	0	0
	1	0	0.00%	0	0	0	0
	1 1/2	1	25.00%	1	1	1	1
	2	3	75.00%	3	3	3	3
	3	0		0	0	0	0
	4	0		0	0	0	0
	6	0		0	0	0	0
	8	0		0	0	0	0
	10	0		0	0	0	0
		4	100.00%	4	4	4	4
Private Fire	(Inches)	Distrib	%	3,673	3,709	3,720	3,731
	2	43	1.18%	43	44	44	44
	3	5	0.14%	5	5	5	5
	4	1,074	29.50%	1,084	1,094	1,097	1,101
	6	1,447	39.74%	1,461	1,474	1,478	1,483
	8	923	25.35%	931	940	943	946
	10	135	3.71%	136	138	138	138
	12	14	0.38%	14	14	14	14
		3,641	100.00%	3,674	3,709	3,720	3,731

SAN JOSE WATER COMPANY
(U-168-W)

SUMMARY PROPOSED ESCALATED CUSTOMER NUMBERS BY METER SIZE BY RATE SCHEDULE

(2018)

Schedule No. 1, 1B, & 1C

Meter Size	----- No. of Customers -----						Total
	Res (WP A)	Bus (WP A)	Indus- trial (WP A)	Pub Auth (WP A)	Resale (WP B)	Other Sales (WP B)	
5/8	824	48	0	2	2	0	876
3/4	170,917	5,360	0	91	5	0	176,373
1	27,520	6,660	0	200	4	30	34,414
1 1/2	1,091	2,716	3	184	16	0	4,010
2	236	4,282	8	395	5	0	4,926
3	16	935	18	280	1	183	1,433
4	2	292	15	104	0	0	413
6	8	129	9	39	0	0	185
8	0	24	0	6	0	0	30
10	0	7	0	0	33	0	40
	200,614	20,453	53	1,301	64	213	222,700

Schedule RW

	(WP B)
3/4	0
1	0
1 1/2	1
2	3
3	0
4	0
6	0
8	0
10	0
	<u>4</u>

Schedule RCW

Piped	(WP B)
3/4	0
1	2
1 1/2	8
2	92
3	32
4	34
6	1
8	1
10	1
	<u>171</u>

Recycled Well	(WP B)
3/4	0
1	0
1 1/2	0
2	1
3	1
4	2
6	1
8	2
10	1
	<u>8</u>

Schedule 4 Private Fire Service

	(WP B)
2	44
3	5
4	1,101
6	1,483
8	946
10	138
12	14
	<u>3,731</u>

ATTACHMENT D
TABLE E
Authorized Customer and Sales Forecast
D.16-06-004

Line	Item	2016	2018
1	Metered Services		
2	Residential	199,416	200,614
3	Business	20,332	20,453
4	Industrial	53	53
5	Public Authority	1,293	1,301
6	Resale	32	33
7	Other	212	213
8	Total Potable Metered Services	221,338	222,667
9	Raw Water	4	4
10	Recycled Water, Well	8	8
11	Recycled Water, Piped	170	171
12	Total Non-Potable Metered Services	221,520	222,850
13	Private Fire Service	3,709	3,720
14	Total Active Services	225,229	226,570
15	Average Sales per Customer (ccf/connection/yr)		
16	Residential	147	147
17	Business	861	861
18	Total Sales Per Customer Class (Kccf)		
19	Residential	29,234	29,410
20	Business	17,451	17,606
21	Industrial	203	203
22	Public Authority	2,547	2,547
23	Resale	322	322
24	Other	90	90
25	Total Potable Metered Sales	49,847	50,178
26	Raw Water	14	14
27	Recycled Water, Piped	504	504
28	Recycled Water, Well	366	366
29	Total Sales	50,731	51,062
30	Potable Source of Supply (Kccf)		
31	Purchased Water	30,747	30,747
32	Surface Water	2,085	2,085
33	Well Supply	20,645	20,645
34	Total Potable Supply	53,477	53,477
35	Recycled Source of Supply (Kccf)		
36	Recycled Water, Well	504	504
37	Recycled Water, Piped	366	366
38	Total Recycled Supply	870	870

SAN JOSE WATER COMPANY

ADVICE LETTER NO. 513A

ATTACHMENT E

**ADVICE LETTER 513A
ATTACHMENT E
BILL COMPARISON**

BILL COMPARISON UNIFORM RATES

Bill Comparison Uniform Rates 3/4-Inch Meter				
Usage (ccf)	Current Rates AL 506/509	Proposed Rates AL 513A	Increase	Increase
5	\$52.61	\$54.92	4.38%	\$2.31
10	\$77.24	\$80.63	4.39%	\$3.39
15	\$100.58	\$105.05	4.44%	\$4.47
20	\$122.70	\$128.25	4.53%	\$5.55
30	\$168.38	\$176.09	4.58%	\$7.72
50	\$263.66	\$275.70	4.57%	\$12.04
100	\$501.87	\$524.73	4.56%	\$22.86

BILL COMPARISON RESIDENTIAL TIERED RATES

Tiered Rate Bill Comparison 3/4-Inch Meter				
Usage (ccf)	Current Rates AL 506/509	Proposed Rates AL 513A	Increase	Increase
5	\$51.18	\$53.42	4.38%	\$2.24
Typical 10.75	\$82.41	\$85.90	4.23%	\$3.49
15	\$105.50	\$109.90	4.18%	\$4.41
20	\$133.61	\$139.14	4.14%	\$5.53
30	\$192.69	\$200.60	4.11%	\$7.91
50	\$310.86	\$323.53	4.08%	\$12.67
100	\$606.27	\$630.84	4.05%	\$24.58

SAN JOSE WATER COMPANY

ADVICE LETTER NO. 513A

ATTACHMENT F

A copy of Advice Letter No. 513A has been sent to the following municipalities, water companies and interested parties:

City of San Jose
Municipal Water Dept.
Attn: Jeffrey Provenzano
3025 Tuers Road
San Jose, CA 95121

California Water Service Co.
Attn: Regulatory Affairs
1720 North First Street
San Jose, CA 95112

City of Cupertino
10300 Torre Avenue
Cupertino, CA 95014

City of Campbell
70 North First Street
Campbell, CA 95008

City of Santa Clara
1500 Warburton Avenue
Santa Clara, CA 95050

Great Oaks Water Company
P.O. Box 23490
San Jose, CA 95153

City of Milpitas
Attn: Utilities Engineering
455 East Calaveras Blvd.
Milpitas, CA 95035

Santa Clara Valley Water
District
5750 Almaden Expressway
San Jose, CA 95118

San Jose Mercury News
Attn: Paul Rogers
4 N. Second Street, Suite 800
San Jose, CA 95113

Town of Los Gatos
Attn: Director of Public Works
110 E. Main Street
Los Gatos, CA 95032

City of Monte Sereno
Attn: Director of Public Works
18014 Saratoga-Los Gatos Road
Monte Sereno, CA 95030

City of Saratoga
Attn: Director of Public Works
13777 Fruitvale Avenue
Saratoga, CA 95070

County of Santa Clara
70 W. Hedding Street
San Jose, CA 95110

Department of Water Resources
Safe Drinking Water Office,
Room 804
1416 9TH Street
Sacramento, CA 95814

Nina Hawk
Chief Operating Officer
Water Utility Enterprises
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118

Gillette Mutual Water Company
21976 Gillette Drive
Los Gatos, CA 95033

Bob Burke
Regulatory Liaison For The Six
Mutual Water Companies
420 Alberto Way, Unit 49
Los Gatos, CA 95032

Brush & Old Well Mutual
Water Company
21105 Brush Road
Los Gatos, CA 95033

Oakmount Mutual Water Company
P.O. Box 31536
Stockton, CA 95213

Summitt West Mutual Water Company
P.O. Box 974
Los Gatos, CA 95031

Ridge Mutual Water Company
22316 Citation Drive
Los Gatos, CA 95033

Villa Del Monte Mutual Water Company
P.O. Box 862
Los Gatos, CA 95031

Big Redwood Park Water
& Improvement Assoc.
18522 Mt. View Avenue
Los Gatos, CA 95033

Redwood Estates Services Association
PO Box 591
Redwood Estates, CA 95044-0591

Stagecoach Mutual Water Co
21825 Stagecoach Road
Los Gatos, CA 95033

Mt. Summit Mutual Water Co
P.O. Box 3416
Saratoga, CA 95070

Mountain Springs Mutual Water Co.
17956 Greenwood Road
Los Gatos, CA 95033

Raineri Mutual Water Company
P.O. Box 11
Los Gatos, CA 95031

James Hunter
6475 Dwyer Street
San Jose, CA 95120

Saratoga Heights Mutual Water Company
P.O. Box 337
Saratoga, CA 95071

WRATES
Rita Benton
18555 Ravenwood Drive
Saratoga, CA 95070

Saratoga City Council Member
Rishi Kumar
13777 Fruitvale Avenue
Saratoga, CA 95070

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Schedule No. 1

GENERAL METERED SERVICE

APPLICABILITY

Applicable to general metered water service.

TERRITORY

Portions of Cupertino, San Jose, and Santa Clara, and in Campbell, Los Gatos, Monte Sereno, and Saratoga and in contiguous territory in the County of Santa Clara.

RATES

Quantity Rate Per 100 cu. ft. (Ccf):

Residential Customers with 5/8 x 3/4-inch, 3/4-inch, 1-inch, 1 1/2-inch or 2-inch meter

For Total Monthly Usage from 0 to 3 Ccf.	\$4.4825	(I)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9806	I
For Total Monthly Usage over 18 Ccf.	\$5.4787	(I)

All Other Customers

For all water delivered, per 100 cu. ft.	\$4.9806	(I)
--	----------	-----

Service Charges:

Per Meter Per Month

All Customers:

For 5/8 x 3/4-inch meter	\$ 26.68	(I)
For 3/4-inch meter	\$ 26.68	I
For 1-inch meter	\$ 44.42	I
For 1-1/2-inch meter	\$ 88.89	I
For 2-inch meter	\$ 142.25	I
For 3-inch meter	\$ 266.70	I
For 4-inch meter	\$ 444.50	I
For 6-inch meter	\$ 889.00	I
For 8-inch meter	\$ 1422.41	I
For 10-inch meter	\$ 2044.74	(I)

The service charge is a readiness-to-serve charge which is applicable to all metered service and to which is added the charge for water used computed at the Quantity Rate.

(Continued)

(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

Advice No. 513A

JOHN TANG

Date Filed _____

Dec. No. D.16-06-004

Vice President,
Regulatory Affairs

Effective _____

Resolution No. _____

TITLE

Schedule No. 1B

GENERAL METERED SERVICE WITH
AUTOMATIC FIRE SPRINKLER SYSTEM

APPLICABILITY

Applicable to all detached single family structures whose automatic fire sprinkler system is served through the meter providing residential water service.

TERRITORY

Portions of Cupertino, San Jose, and Santa Clara, and in Campbell, Los Gatos, Monte Sereno, and Saratoga and in contiguous territory in the County of Santa Clara.

RATES

Quantity Rate Per 100 cu. ft. (Ccf):

Residential Customers with 5/8 x 3/4-inch, 3/4-inch, 1-inch, 1 1/2-inch or 2-inch meter

For Total Monthly Usage from 0 to 3 Ccf.	\$4.4825	(I)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9806	I
For Total Monthly Usage over 18 Ccf.	\$5.4787	(I)

All Other Customers

For all water delivered, per 100 cu. ft.	\$4.9806	(I)
--	----------	-----

Service Charges:

Per Meter Per Month

All Customers:

For 5/8 x 3/4-inch meter	\$ 26.68	(I)
For 3/4-inch meter	\$ 26.68	I
For 1-inch meter	\$ 44.42	I
For 1-1/2-inch meter	\$ 88.89	I
For 2-inch meter	\$ 142.25	I
For 3-inch meter	\$ 266.70	(I)

Upsize Charges:

For 1/4-inch meter upsize	\$ 1.51
or 1/2-inch meter upsize	\$ 3.01
For 3/4-inch meter upsize	\$ 4.52
For 1-inch meter upsize	\$ 6.03
For 1-1/2-inch meter upsize	\$ 9.05

(Continued)

(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

Advice No. 513A

JOHN TANG

Date Filed _____

Dec. No. D.16-06-004

Vice President,
Regulatory Affairs

Effective _____

Resolution No. _____

TITLE

Schedule No. 1C

GENERAL METERED SERVICE

Mountain District

APPLICABILITY

Applicable to general metered water service.

TERRITORY

Portions of Los Gatos and in contiguous territory in the County of Santa Clara.

RATES

Quantity Rate Per 100 cu. ft. (Ccf)

Overuse Rates beyond 500 gallons per day limit

Residential Customers with 3/4-inch, 1-inch, 1 1/2-inch or 2-inch meter

For Total Monthly Usage from 0 to 3 Ccf.	\$4.4825	(I)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9806	I
For Total Monthly Usage for 19 to 20 Ccf.	\$5.4787	(I)
For Total Monthly Usage over 20 Ccf.	\$7.0000	

All Other Customers(subject to Special Condition 5)

For Total Monthly Usage from 0 to 20 Ccf.	\$4.9806	(I)
For Total Monthly Usage over 20 Ccf.	\$7.0000	

Service Charges: Per Meter Per Month

For 3/4-inch meter	\$ 26.68	(I)
For 1-inch meter	\$ 44.42	I
For 1-1/2-inch meter	\$ 88.89	I
For 2-inch meter	\$ 142.25	I
For 3-inch meter	\$ 266.70	I
For 4-inch meter	\$ 444.50	I
For 6-inch meter	\$ 889.00	I
For 8-inch meter	\$ 1422.41	I
For 10-inch meter	\$ 2044.74	(I)

The service charge is a readiness-to-serve charge which is applicable to all metered service and to which is added the charge for water used computed at the Quantity Rate.

SPECIAL CONDITIONS

1. Customers who receive water deliveries for agricultural purposes under this schedule, and who present evidence to the utility that such deliveries qualify for the lower pump tax rates levied by the Santa Clara Valley Water District for agricultural water, shall receive a credit of \$2.0033 per 100 cubic feet on each water bill for the quantities of water used during the period covered by that bill.
2. All bills are subject to the reimbursement fee set forth in Schedule No. UF.

(Continued)

(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

Advice No. 513A

JOHN TANG

Date Filed _____

Dec. No. D.16-06-004

Vice President,
Regulatory Affairs

Effective _____
Resolution No. _____

TITLE

Schedule No. 4

PRIVATE FIRE SERVICE

APPLICABILITY

Applicable to all water service furnished to privately owned fire protection systems.

TERRITORY

Portions of Cupertino, San Jose, and Santa Clara, and in Campbell, Los Gatos, Monte Sereno, and Saratoga and in contiguous territory in the County of Santa Clara.

RATES

Per Service Connection
Per Month

For each 2-inch service	\$26.84	(I)
For each 3-inch service	40.23	|
For each 4-inch service	53.65	|
For each 6-inch service	80.50	|
For each 8-inch service	107.30	|
For each 10-inch service	134.14	|
For each 12-inch service	160.97	(I)

SPECIAL CONDITIONS

1. The fire protection service connection shall be installed by the utility and and the cost paid by the applicant. Such payment shall not be subject to refund. The facilities paid for by the applicant shall be the sole property of the applicant.
2. If a distribution main of adequate size to serve a private fire protection system, in addition to all other normal service, does not exist in the street or alley adjacent to the premises to be served, then a service main from the nearest existing main of adequate capacity shall then be installed by the utility and the cost paid by applicant. Such payment shall not be subject to refund.
3. Service hereunder is for private fire protection systems to which no connections for other than fire protection purposes are allowed and which are regularly inspected by the underwriters having jurisdiction, are installed according to specifications of the utility, and are maintained to the satisfaction of the utility. The utility may install the standard detector type meter approved by the Board of Fire Underwriters for protection against theft, leakage or waste of water and the cost paid by the applicant. Such payment shall not be subject to refund.

(Continued)

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TITLE

Schedule No. RCW

RECYCLED WATER METERED SERVICE

APPLICABILITY

Applicable to all recycled water metered service.

TERRITORY

Portions of Cupertino, San Jose, and Santa Clara, and in Campbell, Los Gatos, Monte Sereno, and Saratoga and in contiguous territory in the County of Santa Clara.

RATES

Quantity Rate:

Currently effective quantity rate as reflected in "*Schedule No. 1, General Metered Service*" less the treated water surcharge currently added to potable deliveries from the Santa Clara Valley Water District and less any applicable discount from the South Bay Water Recycling Program.

Service Charges:

Currently effective monthly service charge for the applicable meter size as reflected in "*Schedule No. 1, General Metered Service*".

SPECIAL CONDITIONS

1. For the purposes of this tariff a well user is defined as a customer of the Santa Clara Valley Water District who procures his/her non-potable supply from an on-site well as of the first effective date of this tariff. The service charge for well users will be in accordance with the following schedule:

<u>Meter Size</u>	<u>Per Meter Per Month</u>	
2-inch	\$32.95	(I)
3-inch	\$43.94	I
4-inch	\$49.42	I
6-inch	\$82.39	I
8-inch	\$98.86	I
10-inch	\$153.78	(I)

The monthly service charge will change in an amount equal to changes in the monthly service charge for similarly sized meters under "*Schedule No. 1, General Metered Service*". In addition to the service charge, such customers will be charged for the quantity of recycled water used at that site in the same amount billed to San Jose Water Company by the South Bay Water Recycling Program.

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TITLE

Schedule No. RW

RAW WATER SERVICE

APPLICABILITY

Applicable to raw water metered service.

TERRITORY

Portions of Cupertino, San Jose, and Santa Clara, and in Campbell, Los Gatos, Monte Sereno, and Saratoga and in contiguous territory in the County of Santa Clara.

RATES

Quantity Rate:			
Per 100 cu. ft.	.....	\$4.7510	(I)

Service Charges:		Per Meter Per Month	
For 5/8 x 3/4-inch meter	.....	\$ 26.68	(I)
For 3/4-inch meter	.....	\$ 26.68	I
For 1-inch meter	.....	\$ 44.42	I
For 1-1/2-inch meter	.....	\$ 88.89	I
For 2-inch meter	.....	\$ 142.25	I
For 3-inch meter	.....	\$ 266.70	I
For 4-inch meter	.....	\$ 444.50	I
For 6-inch meter	.....	\$ 889.00	I
For 8-inch meter	.....	\$ 1422.41	I
For 10-inch meter	.....	\$ 2044.74	(I)

The service charge is a readiness-to-serve charge which is applicable to all metered service and to which is added the charge for water used computed at the Quantity Rate.

SPECIAL CONDITIONS

1. The customer is responsible for notice of and compliance with all local, state, and federal rules and regulations that apply from time to time to the use of raw water, as defined in San Jose Water Company's Rule 1.
2. The customer must provide and/or contribute all facilities needed to transport the water from its source to the customer's point of service in accordance with the utility's Rule 15.

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