## CALIFORNIA PUBLIC UTILITIES COMMISSION DIVISION OF WATER AND AUDITS

## **Advice Letter Cover Sheet**

Date Mailed to Service List: 11/15/17

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

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

Requested Effective Date: 01/01/2018

Rate Impact: \$16,425,000

4.43%

**Utility Name:** San Jose Water Company

⊠2

□3

**Description:** Step Rate Increase for 2018 Escalation Year

☐ Compliance

District: N/A

Tier □1

Authorization D.16-06-004

CPUC Utility #: U-168-W

Advice Letter #: 513

Utility Con	tact: Jo	hn Tang	Utility Contact:	Ann Lindahl
Pho	one: 40	08-279-7933	Phone:	408-279-7979
Er	<b>nail:</b> jo	hn.tang@sjwater.com	Email:	ann.lindahl@sjwater.co
DWA Conta	act: Ta	riff Unit		
Pho	ne: (41	5) 703-1133		
Em	ail: <u>Wa</u>	ter.Division@cpuc.ca.gov		
		DWA U	SE ONLY	
<u>DATE</u>	STAF	F	COMN	<u>MENTS</u>
APPROVED		[ ]Wr	THDRAWN	[ ] REJECTED
Cianatura			Comments:	
Signature:				



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

November 15, 2017

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

Advice Letter No. 513

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

Cal. P.U.C Sheet No.	Title of Sheet	Cancelling Cal. P.U.C. Sheet No.
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.

CALIFORNIA PUBLIC UTILITIES COMMISSION ADVICE LETTER NO. 513 Page 2

With this advice letter SJWC requests authorization to increase revenue requirement by \$16,425,000 or 4.43 percent via a step rate increase for the second escalation year of 2018. 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 No. 512 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 \$16,425,000 or about 4.43 percent of SJWC's authorized and adjusted revenue for 2017 (Attachment C). SJWC seeks to recover 30 percent, or \$4,927,500, of the revenue through the service charge component and the remaining 70 percent, or \$11,497,500, through the quantity rate component. As a result of this rate change, the monthly

CALIFORNIA PUBLIC UTILITIES COMMISSION ADVICE LETTER NO. 513 Page 3

water bill for the typical residential customer with a  $\frac{3}{4}$ -inch meter using 10.75 ccf (one ccf = 748 gallons) of water per month, bill will increase by \$3.69 or 4.48 percent from \$82.41 at present rates, to \$86.10 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, 3<sup>rd</sup> 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, California 95196
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

Enclosure

## **Index of Workpapers**

Attachment A San Jose Water Company General Rate Case Final Decision

**D.16-06-004 (Ordering Paragraphs)** 

Attachment B San Jose Water Company Summary of Earnings

dated September 30, 2017

Attachment C Escalation Attrition Calculation and Workpapers

Attachment D Escalation Factors

Attachment E Bill Comparison

Attachment F Service List

# SAN JOSE WATER COMPANY ADVICE LETTER NO. 513 ATTACHMENT A

Decision 16-06-004 June 9, 2016

## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of SAN JOSE WATER COMPANY (U 168 W) for an Order authorizing it to increase rates charged for water service by \$34,928,000 or 12.22% in 2016, by \$9,954,000 or 3.11% in 2017, and by \$17,567,000 or 5.36% in 2018.

Application 15-01-002 (Filed January 5, 2015)

## DECISION APPROVING TWO PARTIAL SETTLEMENTS, RESOLVING DISPUTED ISSUES AND ADOPTING REVENUE REQUIREMENTS FOR SAN JOSE WATER COMPANY

(See Attachment A for a list of Appearances)

163202231 - 1 -

- 8. The 2015 payroll expense for non-union employees should be estimated using 2014 payroll expense data and increasing it by the ECOS labor factor of 1.6 percent.
- 9. The 2016 payroll expense for non-union employees should be estimated using 2.2 percent as an escalation factor.
- 10. The 2017 and 2018 payroll expense for non-union employees should be escalated using ECOS labor factor for those years.
  - 11. SJWC should be authorized to add six new employees.
- 12. Overtime expense should be calculated using a three-year average to normalize high overtime years.
- 13. Regulatory expense should be \$216,000 for Test Year 2016 and \$600,000 for the three-year rate case cycle.
  - 14. Corporate Expenses of \$790,000 should be authorized for Test Year 2016.
- 15. SJWC's FICA tax estimate should be reduced by 24.17 percent and \$589,000 should be added to utility plant additions to compensate for the loss of overhead.

#### ORDER

## IT IS ORDERED that:

- 1. San Jose Water Company is authorized to increase rates by amounts designed to increase revenue by \$25,130,000 or 8.60 percent in Test Year 2016.
- 2. The joint motion of San Jose Water Company and the Office of Ratepayer Advocates to approve the July 24, 2015, Settlement Agreement is granted.
- 3. San Jose Water Company is authorized to implement a credit card payment program.

- 4. San Jose Water Company is authorized to establish a Ground Water Regulation Legal Expense Memorandum Account.
- 5. The joint motion of San Jose Water Company and the Office of Ratepayer Advocates to approve the August 13, 2015, Supplemental Settlement Agreement is granted.
- 6. San Jose Water Company shall file a Tier 1 Advice Letter for a surcharge to true-up the difference between interim rates for the period January 1, 2016 to the implementation date of the tariffs included in this order. The surcharge must comply with Standard Practice U-27-W. This calculation will be based on the 2016 tariff schedules attached to this decision that would have been implemented under the present rate design. The difference between the interim and final rates based on the revenue requirement shall be recovered over the balance of the rate case cycle.
- 7. San Jose Water Company shall file by Tier 1 Advice Letter the revised tariff schedules for 2016 attached to this decision and to concurrently cancel its present schedules for such service. This filing shall be subject to approval by the Commission's Division of Water and Audits. The effective date of the revised schedule shall be no earlier than five days after the effective date of this decision, and shall apply only to service rendered on or after the effective date.
- 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.

- 9. San Jose Water Company will compute its payroll expenses for union employees for Test Year 2016 and Escalation Years 2017 and 2018 by using 2014 figures and escalating by 3 percent annually.
- 10. San Jose Water Company will use Energy Cost of Service escalation factors to compute payroll expenses for its non-union employees.
- 11. San Jose Water Company is authorized \$318,000 for its School Education Program to be booked to a one-way balancing account.
- 12. San Jose Water Company is authorized to fund six new positions as specified in Section 4.3.2 of this decision.
- 13. San Jose Water Company is authorized an aggregate regulatory expense budget of \$600,000, with \$216,000 authorized for Test Year 2016.
- 14. San Jose Water Company is authorized a Test Year 2016 corporate expense budget of \$790,000.
- 15. San Jose Water Company must reduce its Federal Insurance Contributions Act taxes estimate by 24.17 percent. San Jose Water Company is authorized to add \$589,000 to its utility plant additions to compensate for the loss of overhead.

## A.15-01-002 ALJ/SPT/lil

16. Application 15-01-002 is closed.

This order is effective today.

Dated June 9, 2016, at San Francisco, California.

MICHAEL PICKER
President
MICHEL PETER FLORIO
CATHERINE J.K. SANDOVAL
CARLA J. PETERMAN
LIANE M. RANDOLPH
Commissioners

# SAN JOSE WATER COMPANY ADVICE LETTER NO. 513 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>	Recorded	Adjustment	Pro-forma
Operating Revenue:	<b>#250 (55</b>	0041.070		<b>#2 #2</b> 000
Operating Revenues	\$370,657	\$341,870		\$358,908
Other Water Revenues Deferred Revenue on CIAC	\$0 \$497	\$3,716		\$3,716
Deferred Revenue on CIAC	\$487_	\$333		\$487_
Total Metered Revenue	\$371,144	\$345,919	Α	\$363,111
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	Ī	\$539
Administrative & General	\$27,176	\$34,209	Ď	\$27,176
Depreciation & Amortization	\$46,862	\$43,661	D	\$44,047
Subtotal	\$268,481	\$247,423		\$265,343
Uncollectible	\$470	\$400	В	\$549
Taxes Other Than Income	\$11,719	\$11,630	Č	\$12,287
Revenue Adjustment Balancing and Memo Acct	\$0	(\$3,337)	Ë	\$0
revenue rajustment Butanenig and Frente reet	Ψ	(43,331)	Ь	
Total Operating Expense Before Income Taxes	\$280,669	\$256,115		\$278,179
Operating Revenue Before Income Taxes	\$90,475	\$89,804		\$84,932
State Income Tax	\$5,047	\$3,968	J	\$4,226
Federal Income Tax	\$24,412	\$22,625	Ĵ	\$25,022
Total Operating Expense	\$310,127	\$282,708		\$307,427
Net Operating Revenue	\$61,017	\$63,211		\$55,684
Weighted Average Rate Base	753,877	750,689		750,689
Earned Rate of Return	8.09%	8.42%		7.42%
Authorized Rate of Return	8.09%		K	8.33%

## 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	\$500
Net Utility Plant	1,071,489
Adjustments:	
Contributions in Aid of Construction	\$117,997
Total Tax Deferrals	\$155,104
Advances for Construction	\$74,893
Total Adjustments	347,994
Adjusted Net Utility Plant	723,495
Taxes on Contributions & Advances	\$8,132
Total Working Capital	\$19,062
Weighted Average Rate Base	\$750,689

<sup>[2]</sup> 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 (\$ Amounts in Thousands)

A. OPERATING REVENUES  Total Revenues Adjusted for Climatic Conditions and Current Water Rates  Total Revenues as Recorded  Revenue Increase (Decrease)			n Sum of Earn) n Sum of Earn)	\$363,111 \$345,919 (\$17,192)
B. UNCOLLECTIBLES  Pro-forma Revenue (Total Revenues Less Deferred Revenue)  Percentage of Revenue Adopted in D.16-06-004  Uncollectible		•	Sum of Earn) Sum of Earn)	\$362,624 0.1515% \$549
C. TAXES OTHER THAN INCOME TAXES Franchise Tax: Pro-forma Revenue (Total Revenues Less Deferred Revenue) Percentage of Revenue Adopted in D.16-06-004 Pro-Forma Franchise Tax (1)		•	Sum of Earn)	\$362,624 0.2395% \$868
Ad Valorem Taxes: Adopted Property Tax Rate Pro-Forma Calculation (2) = Net Utility Plant x ratio to Prop Valu Pro-Forma Payroll Taxes = Adopted (3) Pro-Forma Business License = Adopted (4) Total Pro-Forma Taxes Other Than Income Taxes (1+2+3+4)	0.01190 e x Pr \$1,071,489	0.7357	\$788,294	\$9,381 \$2,006 \$32 \$12,287
D. ADOPTED EXPENSES PRO-FORMA  Operations & Maintenance Administrative & General Taxes Other than Income Depreciation: Recorded Depreciable Plant 12/31/16 Adopted Composite Depreciation Rate Depreciation Less:	(from Sum of Earn) (from Sum of Earn) (from Sum of Earn) \$1,445,676 3.42% \$49,442	Adopted \$37,103 \$27,176 \$11,719	Recorded \$39,996 \$34,209 \$11,630	Adjustment (\$2,893) (\$7,033) \$89
Transportation & GIS Depreciation Contributions Depreciation Expense	\$992 \$4,404 \$44,047	\$46,862	\$44,047	\$2,816
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		(fron	n Sum of Earn)	(\$3,337)
F. PURCHASED POTABLE WATER  Purchased Water in MG, Normalized  Purchased Water Cost per D.16-06-004 & AL490 & 509A 7/01/17 (\$/MG)  Purchased Water at Current Rates, Normalized		<b>10</b>	(from p. 6)	22,813 \$3,912.98 \$89,267
Purchased Water, Recorded Purchased Water Adjustment		(fron	1 Sum of Earn)	\$81,326 \$7,941
PURCHASED RECYCLED WATER  Purchased Recyled Water in MG, Normalized  Purchased Water Cost per SBWR 7/01/2017 (\$/MG) *  Purchased Water at Current Rates, Normalized  Purchased Water. Recorded		(fron	(from p. 6)  1 Sum of Earn)	\$3,283.83 \$2,023 \$1,901
Purchased Water Adjustment  * Unit cost based on Irrigation rate and Industrial /Agri rate (\$1,070/AF)		(HOII)	a Julii Or Earli)	\$122
G. PUMP TAX  Well Supply in MG, Normalized  Pump Tax per MG per D.16-06-004 & AL490 & 509A (\$/MG)			(from p. 6)	15,318 \$3,606.08
Pump Tax at Current Rates, Normalized Pump Tax, Recorded Pump Tax Adjustment		(fron	n Sum of Earn)	\$55,238 \$40,198 \$15,041

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

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

H. PUF	RCHASED POWER		
Purc	chased Power, Normalized	(from p. 5)	\$9,951
	chased Power, Recorded	(from Sum of Earn)	\$5,820
Purc	chased Power Adjustment		\$4,131
	HASED CHEMICALS		
	pted Production (Kecf) (D.16-06-004)	(from p. 6)	53,477
	norized Chemical Costs (D.16-06-004) cost per Kccf	(from Sum of Earn)	\$544
	nalized Production (Kccf)	(from p. 6)	\$0.010164 53,036
	nalized Chemical Costs	(to Sum of Earn)	\$539
J. INCOM	AF TAX	A4h. a1	D C
	Revenue:	Authorized	Pro-Forma
1	Operating Revenue	\$370,656,7	\$362,624.0
	Deferred Revenue	\$487.0	\$487.0
D	Deductions:		
	Operating & Maintenance Expenses		
	Excluding Depreciation & Taxes	\$233,807.3	\$234,132.9
	Transportation Depreciation Interest Expense	(\$991.6)	(\$874.0)
	Less 50% Meals Disallowed	\$21,381.0 \$92.0	\$18,391.0
	Total Deductions	\$254,288.7	\$89.3 \$251,739.2
		423 1,200.7	0231,737.2
S	tate Corporate Franchise Tax:		
	Tax Depreciation & Deduct on Repairs & Maintenance Deferred Revenue (Net of Tax)	\$63,040.2	\$63,040.2
	State Taxable Income Incl Def Revenue	\$43.0 \$53,284.8	\$43.0 \$47,801.5
	Tax @ 8.84%	\$33,284.8 \$4,678.4	\$4,225.7
F	ederal Income Tax:		
	Tax Depreciation	\$33,837.2	\$33,837.2
	State Franchise Tax	\$4,678.4	\$4,225.7
	IRS Sec 199 QPA Deduction	\$1,338.0	\$1,338.0
•	Taxable Income Excluding		
	Deferred Revenue	\$76,514.4	\$71,483.9
	Tax @ 35.00%	\$26,604.0	\$25,019.4
4	Amortization of Unrecoverable Prepaid		,
	Tax on CIAC & Advances	\$3.0	\$3.0
	Federal Tax	\$26,607.0	\$25,022.4
K. Calcula	tion of Adjusted Rate of Return		_
	R		
RR =	Adjusted Authorized Rate of Return		
B1 =	Adopted Rate Base December 31, 2016		\$668,034
	Adopted Net Revenue December 31, 2017		\$61,016
	Last Month of Pro-forma 12-month Period		9
	Adopted Rate Base December 31, 2017		\$753,877
A	djusted Authorized Rate of Return	(to Sum of Earn)	8.33%
Auth	orized Rate of Return	(AL 444)_	8.09%
R	ate of Return Adjustment		0.24%

Normalized

## 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 & : (S/ccf)	Commodity Revenue (S)
Residential	(Normalized, p. 6)	:	29,203,000		\$0.1464 \$0.0983 \$0.2530 \$0.1699 \$4.7642	\$151,478,881
Business Industrial Public Authority Resale Other	(Normalized, p. 6) (Recorded, p. 9) (Recorded, p. 9) (Recorded, p. 9) (Recorded, p. 9)		17,670,000 215,334 2,255,773 179,619 61,630		\$5.4318 \$5.4318 \$5.4318 \$5.4318 \$5.4318	\$95,979,906 \$1,169,651 \$12,252,908 \$975,654 \$334,762
Subtotal Non-Res Po	table		20,382,356			110,712,881
Raw Recycled piped *,*** Recycled well **,*** Total non- Potable M *. ** Rates for Irrigation. *** Rates increase from	, Industrial and Agric			ame	\$5.2022 \$4.9412 \$2.4564 e as of 7/01/2015	\$378,080 \$2,481,871 \$788,455 3,648,406
Total, Normalized at Cur		201	50,481,294			265,840,168
			Commodity Revenue		Service Charge Revenue (from p. 4)	Total Normalized <u>Metered Rev</u>
Residential Metered Business Industrial Public Authority Resale Other Raw Recycled Piped Recycled Well		\$	151,478,881 95,979,906 1,169,651 12,252,908 975,654 334,762 378,080 2,481,871 788,455	_	68,073,848 20,301,081 177,755 3,137,642 60,236 601,321 6,409 523,512 7,020	\$ 219,552,729 116,280,987 1,347,406 15,390,550 1,035,890 936,083 384,489 3,005,383 795,475
Total Metered		\$	265,840,168	\$ _	92,888,824	\$ 358,728,992
Private Fire & Misc (Re-	corded)	\$	0	\$ =	3,716,200	\$ 3,716,200
Res Fire Upsize Charge		\$	. 0	\$ _	178,739	\$ 178,739
Total Revenue		\$	265,840,168	\$ _	96,605,024	\$ 362,623,931
						(to Sum of Earn)

(to p. 3)

### 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	1 eter Size 2	in Inches	4	6	8	10	Total Revenue
Current Monthly Service Charge: Potable & Recycled Pipe Recycled Well	\$25.45 \$0.00	\$25.45 \$0.00	\$42.37 \$0.00	\$84.78 \$0.00	\$135.68 \$31.62	\$254.37 \$42.16	\$423.96 \$47.43	\$847.91 \$79.05	\$1,356.67 \$94.86	\$1,950.24 \$147.55	
Residential Services: Average Services (from p. 7) Annual Revenue	826 \$252,260	166,719 \$50,915,983	29,684 \$15,092,533	1,107 \$1,126,218	275 \$447,744	28 \$85,468	11 \$55,963	8 \$81,399	1 \$16,280	0 \$0	\$68,073,848
Business Services: Average Services (from p. 7) Annual Revenue	48 \$14,659	5,661 \$1,728,869	6,786 \$3,450,274	2,620 \$2,665,483	4,182 \$6,808,965	794 \$2,423,637	279 \$1,419,418	123 \$1,251,515	23 \$374,441	7 \$163,820	\$20,301,081
Industrial Services: Average Services (from p. 7) Annual Revenue	0 \$0	1 \$305	\$2,034	6 \$6,104	9 \$14,653	19 \$57,996	9 \$45,788	5 \$50,875	0 \$0	0 \$0	\$177,755
Public Authority Services: Average Services (from p. 8) Annual Revenue	1 \$305	67 \$20,462	147 \$74,741	176 \$179,055	388 \$631,726	387 \$1,181,294	110 \$559,627	37 \$376,472	7 \$113,960	0 \$0	\$3,137,642
Resale Services: Average Services (from p. 8) Annual Revenue	0 \$0	3 \$916	3 \$1,525	3 \$3,052	13 \$21,166	11 \$33,577	0 \$0	0 \$0	0 \$0	0 \$0	\$60,236
Other Services: Average Services (from p. 8) Annual Revenue	0 \$0	0 \$0	30 \$15,253	0 \$0	0 \$0	192 \$586,068	0 \$0	0 \$0	0 \$0	0 \$0	\$601,321
Raw Services: Average Services (from p. 8) Annual Revenue	0 \$0	0 \$0	1 \$508	1 \$1,017	3 \$4,884	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	\$6,409
Recycled Piped Services: Average Services (from p. 8) Annual Revenue	0 \$0	0 \$0	9 \$4,576	14 \$14,243	100 \$162,816	65 \$198,409	25 \$127,188	0 \$0	1 \$16,280	0 \$0	\$523,512
Recycled Well User Services: Average Services (from p. 8) Annual Revenue	0 \$0	0 \$0	0 \$0	0	1 \$379	1 \$506	2 \$1,138	1 \$949	2 \$2,277	1 \$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 Servi Total Other Service Charge Reven		evenue								-	\$88,374,929 \$4,513,895
						Meter 1/4	Size in I 1/2	nches 3/4	1	1 1/2	Revenue
Current Monthly Service Charge: Upsize Charge Schedule 1 B Average Services (from p. 7) Annual Revenue						\$1.51 65 \$1,178	\$3.01 3,166 \$114,356	\$4.52 68 \$3,688	\$6.03 821 \$59,408	\$9,05 1 \$109	\$178,739
Total Normalized Service Charge	Revenue										\$93,067,563

## Workpapers Page 5

## 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)	0.999499_kWh/co	f
Normalized Power Usage	(A x B x 1000)	(D)	53,009,235 kWh	
Normalized Power Cost	(C x D)		\$9,951,477	
			(to p. 2)	

<sup>[1]</sup> D.16-06-004

<sup>[2]</sup> 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

			Adopted	Recorded	<u>Normal</u>		
Average 12 Month No. of Custo Residential Business		(from p.7)		198,659 20,523		(A)	
Average Annual Sales Per Cust Residential Business	tomer (c	cf):	147 861			(B)	
Metered Sales (Kccf): Residential Business Industrial Public Authority Resale Other Raw		(A x B)/1,000 (A x B)/1,000 (from p.9) (from p.9) (from p.9) (from p.9) (from p.9)		215 2,256 180 62 73	29,203 17,670 215 2,256 180 62 73		
Total Metered Sales Po	otable	` ' '			49,659	(C)	
Adopted Water Loss			6.8%		6.8%		
Normalized Water Prod Metered Sales (Kccf): Recycled Adopted Water Loss Normalized Recycled V		oduction		823	53,036 823 823		
Water Production (Kccf):							
	Adopted (MG)	Conversion Factor	Adopted (Kccf)	Allocation (%)	Norm Kccf	Conversion Factor	Norm (MG)
Purchased Water Surface Supply Well Supply	23,000 1,559 15,444	1.3368 1.3368 1.3368	30,747 2,085 20,645	57.50% 3.90% 38.61%	30,496 2,068 20,477	1.3368 1.3368 1.3368	22,813 1,547 15,318

53,477

870

(to p. 2)

100.01%

100.00%

53,041

823

1.3368

39,678

616

(to p. 1)

Total Potable Water Production

651

1.3368

Recycled Water

### 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/	5/8	824	826	824	824	824	826	826	826	840	824	824	824	9,912	826
Residential FS	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 10	0	0	0	0	0	0	0	0	01	0	0	0	12 0	1
	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
	iotai		190,003	190,507	190,529	190,547	190,022	190,002	170,032	199,203	190,471	190,497	190,000	2,363,903	176,037
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 4,182	2,619	2,626 4,182	2,623	2,623	2,619 4,182	2,619	2,619	2,619	2,619	2,619	2,619	31,443	2,620
	3	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	4,182 794	50,184 9,528	4,182 794
	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 & Bu	isiness	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
muustiiai	3/4	1	1	1	1	1	1	1	1	1	1	1	Ÿ	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
	Total 10	<u>0</u> 53	53	53	53	53	53	53	53	53	53	53	53	0 636	53
	10131	33	33	33	33	33	33	33	33	33	33	33	33	030	33
Residential FS	1/4	63	64	63	65	65	65	64	65	65	65	65	65	774	65
Upsize only	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
Opsize only	3/4	5,030	5,0.57	65	67	5,155	5,150	5,103	70	72	72	72	72	819	5,100
	1	810	810	806	808	810	811	812	822	830	830	854	854	9,857	821
	1 1/2	1	ŀ	1	1	1	l	1	1	1	1	I	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

								EFIENIDE	·						
	=	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	ı	1	1	1	1	1	12	1
	3/4 1	67 148	67 148	67 148	67 148	67 147	67 147	67 148	67 147	67 147	67 146	67 146	67 146	804 1,766	67 147
	1 1/2	176	176	176	176	176	177	176	176	176	176	175	175	2,111	176
	2 3	388 388	388 388	388 388	388 388	388 386	388 386	388 388	388 387	388 387	388 387	388 387	387 387		388 387
	4 6	110 37	110 37	110 37	110	110	110	110	110	110	110	110	110	1,320	110
	8	7	7	7	37 7	37 7	37 7	37 7	37 7	37 7	37 7	37 7	37 7	444 84	37 7
	Total	1,322	1,322	1,322	1,322	1,319	1,320	1,322	1,320	1,320	1,319	1,318	0	0	0
Resale											·		1,317	15,843	1,320
Resale	5/8 3/4	0 3	0	0 3	0 3	0 3	0	0 3	0	0	0	0	0	0 36	0 3
	1 1 1/2	3	3 3	3 3	3 3	3 3	3 3	3	3	3	3	3	3	36	3
	2	13	13	13	13	13	13	13	13	3 13	3 13	3 13	3 13	36 156	3 13
	3 4	11	11 0	11	0	11 0	0	11 0	11 0	11	11	11	11	132 0	11
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8 10	0	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 1	0 35	0 33	0 32	0 29	0 29	0 33	0 27	0	0	0	0	0	0	0
	1 1/2	0	0	0	0	0	0	0	33 0	29 0	29 0	28 0	28 0	365 0	30 0
	2 3	0 191	0 185	0 175	0 170	0 171	0 185	0 185	0 189	0 206	0 202	0 212	0 233	0 2,304	0 192
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6 8	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total 10_	0 226	218	207	199	200	218	0 212	222	235	231	240	0	. 0	0
										233	231	240	261	2,669	222
Raw	5/8 3/4	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	1 1 1/2	1	1	I	ı	į	1	1	Ĭ	I	1	1	ĭ	12	ı
	2	3	3	1 3	1	3	1	1	1 3	3	1 3	1	1	12 36	1 3
	3	0	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	ő	0	0
	8 10	0 0	0 0	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	5/8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Piped	3/4 1	0 9	0	0 8	0 9	0	0 9	0 9	0	0 9	0	0 11	0 11	0	0 9
	1 1/2	13	13	13	13	13	13	15	15	15	15	14	15	111	14
	2 3	98 69	97 68	97 67	97 64	97 62	97 62	101 68	101 70	100 68	97 68	110 55	110 56	1,202	100 65
	4 6	25 0	25 0	25	25	23	25	25	25	25	25	23	23	294	25
	8	1	1	0 1	0	0 1	0 1	0	0	0	0	0 2	2	0	0 1
	Total	215	213	211	209	205	207	219	0 221	0 218	0 215	215	0 217	2,565	214
Recycled															
Well users	5/8 3/4	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
	1 1 1/2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	ī	1	1	1	0	0 1	0 1	0 1	0 1	0	0 1	0	0 12	0 1
	3 4	0 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1	11	1
	6	1	1	1	1	1	1	1	1	1	1	1	1	24 12	2 1
	8 10	2 1	2 1	2 1	2 1	2	2	2	2 1	2	2	` 2 1	2	24 12	2
	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 4	5 1105	5 1105	5 1105	5 1108	5	5	5	5	5	5	5	5	60	5
	6	1499	1502	1503	1502	1108 1509	1108 1512	1108 1513	1107 1530	1107 1533	1109 1533	1117 1541	1141 1548	13,328 18,225	1,111 1,519
	8 10	956 140	954 140	955 140	956 138	956 138	958 138	959 138	958 139	960 138	965	965	966	11,508	959
	12_	15	15	15	15	15	15	15	16	15	139 15	140 16	140 17	1,668 184	139 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 Recycled piped	2,964 64,546	2,717 26,867	3,031 20,535	779 12,709	598 11,140	514 9,791	764 19,325	2,856 39,128	16,791 68,551	19,244 77,049	19,649 77,644	2,770 74,996	72,677 502,281
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. 513 ATTACHMENT C

# ADVICE LETTER 513 ATTACHMENT C RATEBASE ESCALATION CALCULATION

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

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

Revenue Increase: 13,025.0

13025

Escalation Year #1, 2017

Revenue Increase: 16,425.0 16425

Escalation Year 2018

	2016	Ì		Sociation Teal #1, 20		2017	10020	2017	2017	2017	2017		· · · · · · · · ·	.Scalation Teal 2010		2018	
	July 1, 2016 Authorized AL 490	Customer Growth and Factor	Labor Inflation Factor	Composite or Non-Labor or Factor	CPI-U Inflation : Factor	Projected = Escalation Year		Montevina Authorized AL 506	Authorized	SCVWD Authorized AL 509A	July 1, 2017 Authorized	Customer Growth and Factor	Labor Inflation Factor	Composite or Non-Labor or Factor	CPI-U Inflation Factor	Projected = Escalation Year	
		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					387,081.7	
	487.0					487.0		0.0	487.0	0.0	487.0					487.0	
PURCHASED WATER PURCHASED WATER RECYCLED PUMP TAX PURCHASED POWER OTHER OPERATION AND MAINTENANCE CHEMICALS UNCOLLECTIBLES O&M PAYROLL TRANSPORTATION PURCHASED SERVICES CONSERVATION OTHER ADMIN AND GEN. EXP. A&G PAYROLL PENSION BENEFITS HEALTH CARE & DENTAL RENTS PROPERTY INSURANCE LIABILITY INSURANCE A&G PURCHASED SERVICES A&G TRANSFERRED SERVICES TOTAL O. & M., A. & G., & MISC. EXP.	82,727.4 1,617.5 50,809.8 8,915.0 753.0 459.0 513.8 18,915.0 3,311.0 10,663.0 2,822.0 4,132.0 7,829.0 6,700.0 3,214.0 6,237.0 498.0 234.0 2,049.0 3,328.0 -7,462.0	210.5 3.8 127.1 26.7 2.3 1.4 1.4 56.7 9.9 32.0 8.5 12.4 23.5 20.1 9.6 18.7 1.5 0.7 6.1 10.0 -22.4	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 15.1 9.2 9.6 0.0 66.2 82.6	0.0 0.0 0.0 0.0 0.0 0.0 159.9 42.3 7.5 3.5 30.7 49.9	82,937.9 1,621.3 50,936.9 8,941.7 770.3 469.6 524.8 19,217.6 3,387.2 10,854.9 2,872.8 4,227.0 7,954.3 6,807.2 3,265.4 6,336.8 507.0 238.2 2,085.9 3,387.9 -7,633.6		0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	82,937.9 1,621.3 50,936.9 8,941.7 770.3 469.6 524.8 19,217.6 3,387.2 10,854.9 2,872.8 4,227.0 7,954.3 6,807.2 3,265.4 6,336.8 507.0 238.2 2,085.9 3,387.9 -7,633.6	7,270.5 205.7 4,882.0 0.0 0.0 0.0 18.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	90,208.5 1,827.0 55,818.9 8,941.7 770.3 469.6 543.5 19,217.6 3,387.2 10,854.9 2,872.8 4,227.0 7,954.3 6,807.2 3,265.4 6,336.8 507.0 238.2 2,085.9 3,387.9 -7,633.6 222,088.1	270.6 5.5 167.5 26.8 2.3 1.4 1.6 57.7 10.2 32.6 8.6 12.7 23.9 20.4 9.8 19.0 1.5 0.7 6.3 10.2 -22.9	0.0 0.0 0.0 0.0 0.0 0.0 403.6 0.0 0.0 0.0 167.0 143.0 68.6 82.4 0.0 0.0 0.0	0.0 0.0 0.0 9.2 5.6 6.5 0.0 40.6 0.0 0.0 50.7 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	90,479.1 1,832.5 55,986.3 8,968.6 781.9 476.6 551.7 19,678.9 3,438.0 10,887.5 2,944.6 4,290.4 8,145.2 6,970.6 3,343.8 6,438.2 519.6 244.2 2,138.0 3,472.6 -7,656.5	
AD VALOREM TAXES LOCAL FRANCHISE TAXES & BUS. LICENSE PAYROLL TAXES	8,254.0 844.6 2,006.0	24.4 2.4 6.0	0.0 0.0 26.1	162.9 15.8 0.0	0.0 0.0 0.0	8,441.4 862.8 2,038.1		346.8 0.0 0.0	8,788.2 862.8 2,038.1	0.0 29.6 0.0	8,788.2 892.4 2,038.1	26.4 2.7 6.1	0.0 0.0 0.0	105.5 10.7 0.0	0.0 0.0 0.0	8,920.0 905.8 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	293.9	266,919.1		1,343.7	268,262.8	12,406.5	280,669.4	4,267.9	864.5	228.9	200.0	286,230.7	
STATE INCOME TAX FEDERAL INCOME TAX	3,256.3 21,493.8					4,637.5 23,183.6		409.3 1,227.9	5,046.7 24,411.5	0.0 0.0	5,046.7 24,411.5					6,354.4 29,380.5	
	286,329.3					294,740.2		2,980.8	297,721.1	12,406.5	310,127.6					321,965.6	
	54,044.0					58,658.0	-	2,358.0	61,016.0	0.1	61,016.1					65,603.1	
	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% <b>8.09%</b>		40			8.09% <b>8.09%</b>	L	8.09% <b>8.09%</b>	8.09% <b>8.09%</b>		8.09% <b>8.09%</b>					8.09% <b>8.09</b> %	

## ADVICE LETTER 513- 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 <u>2018</u>
Revenue:				
Operating Revenue	\$316,788.0	\$339,886.3	\$352,911.3	\$387,081.7
Deferred Revenue	\$487.0	\$487.0	\$487.0	\$487.0
<b>Deductions:</b>				
O & M Expenses (Excluding Uncollectables)	\$160,117.0	\$181,506.6	\$182,010.2	\$195,473.9
Uncollecibles	\$481.0	\$513.9	\$524.8	\$551.7
A&G Expenses	\$26,759.0	\$26,759.0	\$27,176.1	\$27,906.1
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	\$257,927.7
State Corporate Franchise Tax:				
Tax Depreciation	(\$40,114.0)	(\$40,114.0)	(\$43,532.0)	(\$43,532.0)
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	\$71,882.0
Tax @ 8.84%	\$3,122.5	\$3,256.3	\$4,637.5	\$6,354.4
Federal Income Tax:				
Tax Depreciation	(\$33,524.0)	(\$33,524.0)	(\$37,407.0)	(\$37,407.0)
State Franchise Tax	(\$3,122.5)	(\$3,256.3)	(\$4,637.5)	(\$6,354.4)
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	\$83,935.7
Tax @ 35.00%	\$21,007.5	\$21,490.8	\$23,180.6	\$29,377.5
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	\$29,380.5
Total Income Tax	\$24,133.0	\$24,750.1	\$27,821.1	\$35,734.9

# ADVICE LETTER 506 ATTACHMENT C -2018 ESCALATION YEAR RATE INCREASE

Revenue To be Recovered in Meter Charge Revenue To be Recovered in Quantity Rate

30.00% 70.00%

Revenue Increase (\$) 16,425,000 16,425,000

\$4,927,500 \$11,497,500

			QUANTI	TY RATE CALCULA	TION			***************************************	
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 (\$)	2016 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	387,568,700	16,425,000	4.43%		50,365,000 Excludes Recycled Well Users	0.2283	4.7642	4.9925

	TOTAL POTABLE REVENUE CALCULATION										
	Percentage of Potable Sales to Total Sales (%)	2016 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)					
						(MG)					
Potable Water	98.97%	49,847,000.00	11,379,249	0.2283	4.7642	4.9925					

		TOTAL RAW REV	ENUE CALCULATI	ON		
	Percentage of Raw Sales to Total Sales (%)	2016 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)
						(MG)
Raw Water	0.03%	14.000.00	3.196	0.2283	4 5346	4 7629

	TOTAL REC	CYCLED PIPED RE	VENUE CALCULAT	TION		····
	Percentage of Recycled Piped Sales to Total Sales	Recycled Piped Usage D.16-06-004	Revenue to be Recovered in Recycled Piped Quan,Rate	Quantity Rate Increase	Recycled Piped Quantity Rate 2017 AL 506	New Recycled Quantity Rate
	(%)	(ccf)	(\$)	(\$/ccf)	(\$/ccf)	(\$/ccf) (MG)
Recycled Piped	1.00%	504,000.00	115,055	0.2283	4.2936	4.5219

Total Quantity Charges for all Schedules

\$11,497,500

#### ADVICE LETTER 506 ATTACHMENT F - PART 1 MONTEVINA RATEBASE OFFSET BASE RATE ALLOCATION

evenue to be Recovered in	n Meter Charge			\$4,927,500					
hedule No. 1. General Me	tered Service & 1B Gene	eral Metered Service w	rith Automatic Fire Snr	inklar Sustam			Authorized		
	2016 No. of		Meter	Meter	Meter Charge	increase to Total	AL 506 Eff. 3/20/2017	New	Meter Char
Meter Size	Customers Authorized	No. of Billings	Ratio (SP U-25)	Ratio Equiv	Increase (\$/Month)	Service Charge	Meter Charge (\$/Month)	Meter Charge (\$/Month)	Increase (%)
5/8	869	10,428	1.5	15,642	\$1,31	\$13,609	\$25.45	\$26.76	5.1:
3/4	175,315	2,103,780	1.5	3,155,670	\$1.31	\$2,745,433	\$25.45	\$26.76	5.1
1	34,211	410,532	2.5	1,026,330	\$2.18	\$894,960	\$42.37	\$44.55	5.1
1 1/2	3,973	47,676	5	238,380	\$4.37	\$208,344	\$84.78	\$89.15	5.1
2	4,908	58,896	8	471,168	\$6,99	\$411,683	\$135.68	\$142.67	5.1
3 4	1,429 412	17,148	15	257,220	\$13.10	\$224,639	\$254.37	\$267.47	5.1
6	184	4,944 2,208	25 50	123,600	\$21.84	\$107,977	\$423.96	\$445.80	5.1
8	30	360	80	110,400 28,800	\$43.68 \$69.88	\$96,445 \$25,157	\$847.91	\$891.59	5.1
10	7	84	115	9,660	\$100.45	\$25,157 \$8,438	\$1,356.67 \$1,950.24	\$1,426.55 \$2,050.69	5.1: 5.1:
	221,338	2,656,056	-	5,436,870	\$100.45	\$4,736,685	\$1,550.24	\$2,030.09	3.11
hedule No. RW. Raw Wa	ter Service:								
3/4	0	0	1.5	0	\$1.31	\$0	\$25.45	\$26.76	5.13
1	0	0	2.5	0	\$2.18	\$0	\$42.37	\$44.55	5.15
1 1/2	1	12	5	60	\$4.37	\$52	\$84.78	\$89.15	5.15
2 3	3	36	8	288	\$6.99	\$252	\$135.68	\$142.67	5.15
4	0 0	0	15	0	\$13.10	\$0	\$254.37	\$267.47	5.15
6	0	0 0	25 50	0	\$21.84	\$0	\$423.96	\$445.80	5.19
8	Ö	0	80	0	\$43.68 \$69.88	\$0 \$0	\$847.91	\$891.59	5.15
10	ŏ	ŏ	115	0	\$100.45	\$0 \$0	\$1,356.67 \$1,950.24	\$1,426.55 \$2,050.69	5.15 5.15
	4	48	-	348	Ţ	\$304	V1,500.24	42,050.05	0.10
hedule No. RCW. Recycle	ed Water Service Piped:								
3/4	0	0	1.5	0	\$1.31	\$0	\$25.45	\$26.76	5.13
1 1 1/2	2	24	2.5	60	\$2.18	\$52	\$42.37	\$44.55	5.15
2	8 91	96 1,092	5	480	\$4.37	\$420	\$84.78	\$89.15	5.15
3	31	372	8 15	8,736 5,580	\$6.99 \$13,10	\$7,633	\$135,68	\$142.67	5.15
4	34	408	25	10,200	\$21.84	\$4,873 \$8,911	\$254.37 \$423.96	\$267.47 \$445.80	5.15 5.15
6	1	12	50	600	\$43.68	\$524	\$847.91	\$891.59	5.15
8	1	12	80	960	\$69.88	\$839	\$1,356.67	\$1,426.55	5.15
10	11	12	115	1,380	\$100.45	\$1,205	\$1,950.24	\$2,050.69	5.15
	169	2,028		27,996		\$24,457			
hedule No. RCW. Recycle	ed Water Service Well Us	ers: (1)							
2	1	12		4.43%	\$1.40	\$17	\$31.62	\$33.02	4.43
3	1	12		4.43%	\$1.87	\$22	\$42.16	\$44.03	4.43
4	2	24		4.43%	\$2.10	\$50	\$47.42	\$49.52	4.43
6 8	1 2	12		4.43%	\$3.50	\$42	\$79.05	\$82.55	4.43
10	1	24 12		4.43% 4.43%	\$4.20	\$101	\$94.86	\$99.06	4.43
,0	14	96		4.4370	\$6.54	\$78 \$310	\$147.55	\$154.09	4.43
nedule No. 4. Private Fire	Service: (1)								
2	44	528		4.43%	\$1.14	\$602	\$25,75	\$26.89	4.43
3	5	60		4.43%	\$1.71	\$103	\$38.60	\$40.31	4.4
4	1,094	13,128		4.43%	\$2.28	\$29,939	\$51.48	\$53.76	4.43
6	1,475	17,700		4.43%	\$3.42	\$60,565	\$77.24	\$80,66	4.43
8	940	11,280		4.43%	\$4.56	\$51,450	\$102.96	\$107.52	4.43
10 12	138	1,656		4.43%	\$5.70	\$9,442	\$128.71	\$134.41	4.4
12	14 3,710	168 44,520		4.43%	\$6.84	\$1,149 \$153,250	\$154.45	\$161.29	4.43

Calculation of New RW rate	Potable Rate Adjustment for Treatment Charge	\$4.9925 ccf=-	\$2,174.73 AF (\$100.00) AF
	Raw Water AL 513	\$4.7629 ccf	\$2,074.73 AF

<sup>(1)</sup> Sch No. RCW and Sch No. 4 rates are escalated by the total revenue increase percentage consistent with the methodolgy used in D.16-96-004

#### ADVICE LETTER 513 ATTACHMENT F PART 2 2018 ESCALATION YEAR TIER RATE DESIGN

SQR (\$/CCF)

New Q Revenue Target

\$4.9925

\$ 145,950,745

Three Tier Rate Design

Rate Tier Criteria as % of S	iQR	
	% of SQR	rate
Tier 1	0.9	\$4.49325
Tier 2	1	\$4.99250
Tier 3	1.1	\$5.4918

Revenue Neutrality Test	
Target at SQR	\$ 145,950,745.0
Rev neutrality, tier.SQR	\$ 364,876.86
% 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 Tier 2 Tier 3	indoor consumption est.* up to annual average Above annual average	0 to 3 ccfs 4 to 18 ccfs 19 ccfs and above	90.00% 100.00% 110.00%	\$4.2878 \$4.7642 \$5.2406	\$4.9925	5,846,800 16,809,550 6,577,650 29,234,000	\$ 26,271,134 \$ 83,921,678 \$ 36,122,809 \$ 146,315,622	57.50% 22.50%	57.36%

# SAN JOSE WATER COMPANY ADVICE LETTER NO. 513 ATTACHMENT D

## 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						5 year Avg
		Non	Comp		Customer	Customer
<u>Year</u>	Labor	Labor [1]	Per Hour[2]	Weighted [2]	Growth	Growth
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
			Comp	Composite		
Escalation Calculation	Labor	Non-Labor	Per Hour	Weighted		
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		
2011to 2014	1.032	0.975	1.081	1.017		
2011 to 2015	1.046	1.008	1.103	1.045		

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)

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

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

### 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

	Lat	oor	Non-	-labor
	<u>10/17</u>	09/17	<u>10/17</u>	<u>09/17</u>
2016 2017 2018 2019 2020 2021 Compounded	0.1% 1.3% 2.1% 1.7% 2.2% 2.7% 10.5%	0.1% 1.3% 2.0% 1.6% 2.3% 2.8% 10.5%	-1.1% 3.4% 1.2% 1.3% 1.7% 1.3% 8.1%	-1.1% 3.3% 1.1% 1.6% 1.8% 1.4% 8.4%
			2,0	,0

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 <u>NON-LABOR ESCALATION RATES</u> 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%

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

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

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## **Economic News Release**



## 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
[1987-84=100 unless otherwise noted]

		Unadjusted indexes			Unadjusted percent change		Seasonally adjusted percent change		
Expenditure category	Relative importance Aug. 2017	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 <sup>(2)</sup>	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	3.0-
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		-3.7	-1.6	-0.5	-0.2	-0.2
Medical care commodities		374.142			1.0	-0.9	1.0	-0.1	3.0-
Alcoholic beverages		242.614			1.3	0.3	0.1	0.1	0.4
Tobacco and smoking products				1,031.891	6.3	0.2	-0.1	-0.1	0.4
Services less energy services		312.205	319.559		2.6	0.2	0.2	0.4	0.2
Shelter		290.445		299.844	3.2	0.2	0.1	0.5	0.3
Rent of primary residence <sup>(2)</sup>	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.:
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

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

	Unadjusted indexes		dexes	Unadjusted percent change		Seasonally adjusted percent change			
Expenditure category	Relative importance Aug. 2017	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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Last Modified Date: October 13, 2017

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U.S. Bureau of Labor Statistics | Division of Consumer Prices and Price Indexes, PSB Suite 3130, 2 Massachusetts Avenue, NE Washington, DC 20212-0001 www.bls.gov/CPI | Telephone: 1-202-691-7000 | Contact CPI

# SAN JOSE WATER COMPANY ADVICE LETTER NO. 513 ATTACHMENT E

# ADVICE LETTER 513 ATTACHMENT E BILL COMPARISON

# **BILL COMPARISON UNIFORM RATES**

Bill Comparison Uniform Rates 3/4-Inch Meter					
Usage	Current Rates	Proposed Rates			
(ccf)	AL 506/509	AL 513	Increase	Increase	
5	\$52.61	\$55.06	4.65%	\$2.45	
10	\$77.24	\$80.83	4.65%	\$3.59	
15	\$100.58	\$105.31	4.70%	\$4.73	
20	\$122.70	\$128.57	4.78%	\$5.87	
30	\$168.38	\$176.53	4.84%	\$8.15	
50	\$263.66	\$276.38	4.82%	\$12.72	
100	\$501.87	\$526.00	4.81%	\$24.13	

# **BILL COMPARISON RESIDENTIAL TIERED RATES**

# Tiered Rate Bill Comparison 3/4-Inch Meter

Usage	Current Rates	Proposed Rates		
(ccf)	AL 506/509	AL 513	Increase	Increase
5	\$51.18	\$53.56	4.65%	\$2.38
Typical 10.75	\$82.41	\$86.10	4.48%	\$3.69
15	\$105.50	\$110.16	4.42%	\$4.66
20	\$133.61	\$139.46	4.38%	\$5.85
30	\$192.69	\$201.05	4.34%	\$8.36
50	\$310.86	\$324.24	4.31%	\$13.38
100	\$606.27	\$632.21	4.28%	\$25.94

# SAN JOSE WATER COMPANY ADVICE LETTER NO. 513 ATTACHMENT F

# SAN JOSE WATER COMPANY (U-168-W) Advice Letter No. 513

Attachment F

Page 1 of 2

A copy of Advice Letter No. 513 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 9<sup>TH</sup> Street Sacramento, CA 95814

James M. Fiedler P.E., D.WRE Chief Operating Officer Water Utility Enterprises Santa Clara Valley Water District 5750 Almaden Expressway San Jose, CA 95118

# SAN JOSE WATER COMPANY (U-168-W) Advice Letter No. 513

Attachment F Page 2 of 2

Gillette MutualWater 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 Revised
Canceling Revised

Cal. P.U.C. Sheet No. <u>1864-W</u>
Cal. P.U.C. Sheet No. <u>1822-W</u>

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):

For Total Monthly Usage from 0 to 3 Ccf.	\$4.4933	(I)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9925	Ĩ
For Total Monthly Usage over 18 Ccf.	\$5.4918	(1)

# All Other Customers

For all water delivered, per 100 cu. ft. \$4.9925

# Service Charges: Per Meter Per Month

# All Customers:

For 5/	8 x 3/4-inch meter	 \$ 26.76	(1)
For	3/4-inch meter	 \$ 26.76	1
For	1-inch meter	 \$ 44.55	1
For	1-1/2-inch meter	 \$ 89.15	I
For	2-inch meter	 \$ 142.67	1
For	3-inch meter	 \$ 267.47	1
For	4-inch meter	 \$ 445.80	1
For	6-inch meter	 \$ 891.59	1
For	8-inch meter	 \$ 1426.55	I
For	10-inch meter	 \$ 2050.69	(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.

(To be inserted by utility)	Issued by	(To be inserted by Cal. P.U.C.)
Advice No. <u>513</u>	JOHN TANG	Date Filed
	Vice President,	Effective
Dec. No. <u>D.16-06-004</u>	Regulatory Affairs	Resolution No.

Revised Revised

Cal. P.U.C. Sheet No. <u>1865-W</u> Cal. P.U.C. Sheet No. <u>1823-W</u>

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.	\$4.4933	(I)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9925	Î
For Total Monthly Usage over 18 Ccf.	\$5.4918	(I)

# All Other Customers

For all water delivered, per 100 cu. ft. \$4.9925

# Service Charges: Per Meter Per Month

#### **All Customers:**

For 5	/8 x 3/4-inch meter	 \$ 26.76	(1)
For	3/4-inch meter	 \$ 26.76	Ĭ
For	1-inch meter	 \$ 44.55	I
For	1-1/2-inch meter	 \$ 89.15	1
For	2-inch meter	 \$ 142.67	1
For	3-inch meter	 \$ 267.47	(1)

#### **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

(To be inserted by utility)	Issued by	(To be inserted by Cal. P.U.C.)
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Revised Revised Cal. P.U.C. Sheet No. <u>1866-W</u> Cal. P.U.C. Sheet No. <u>1824-W</u>

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# 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.	\$4.4933	(1)
For Total Monthly Usage from 4 to 18 Ccf.	\$4.9925	Ï
For Total Monthly Usage for 19 to 20 Ccf.	\$5.4918	(1)
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.	\$4.9925	(I)
	<b>*</b>	

For Total Monthly Usage over 20 Ccf. \$7.0000

Service Charges:	Per Meter Per Month
------------------	---------------------

For	3/4-inch meter	 \$ 26.76	(1)
For	1-inch meter	 \$ 44.55	1
For	1-1/2-inch meter	 \$ 89.15	1
For	2-inch meter	 \$ 142.67	1
For	3-inch meter	 \$ 267.47	1
For	4-inch meter	 \$ 445.80	1
For	6-inch meter	 \$ 891.59	1
For	8-inch meter	 \$ 1426.55	1
For	10-inch meter	 \$ 2050.69	(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

- 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. 513	JOHN TANG	Date Filed
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Dec. No. <u>D.16-06-004</u>	Regulatory Affairs	Resolution No.

Revised Revised Cal. P.U.C. Sheet No. <u>1867-W</u>
Cal. P.U.C. Sheet No. <u>1825-W</u>

#### 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 ..... \$26.89 (I) For each 3-inch service ..... 40.31 1 For each 4-inch service ..... 53.76 1 For each 6-inch service ..... 80.66 1 For each 8-inch service ..... 107.52 For each 10-inch service ..... 134.41 For each 12-inch service ..... 161.29 (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.

(To be inserted by utility)	Issued by	(To be inserted by Cal. P.U.C.)
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Revised Revised Cal. P.U.C. Sheet No. <u>1868-W</u>
Cal. P.U.C. Sheet No. <u>1826-W</u>

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# **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. \$4.7629

Service Charges: Per Meter Per Month

For 5/	8 x 3/4-inch meter	 \$ 26.76	(I)
For	3/4-inch meter	 \$ 26.76	1
For	1-inch meter	 \$ 44.55	1
For	1-1/2-inch meter	 \$ 89.15	1
For	2-inch meter	 \$ 142.67	1
For	3-inch meter	 \$ 267.47	1
For	4-inch meter	 \$ 445.80	1
For	6-inch meter	 \$ 891.59	1
For	8-inch meter	 \$ 1426.55	1
For	10-inch meter	 \$ 2050.69	(1)

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.
- 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. (Continued)

(To be inserted by utility)	Issued by	(To be inserted by Cal. P.U.C.)
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	TITLE	

Revised

Revised

Cal. P.U.C. Sheet No. <u>1869-W</u> Cal. P.U.C. Sheet No. <u>1827-W</u>

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

For the purposes of this tariff a well user is defined as a customer of the Santa Clara Valley
WaterDistrict 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:

Meter Size	Per Meter Per Month	
2-inch	\$33.02	(I)
3-inch	\$44.03	Î
4-inch	\$49.52	1
6-inch	\$82.55	1
8-inch	\$99.06	1
10-inch	\$154.09	(1)

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.

(To be inserted by utility)	Issued by	(To be inserted by Cal. P.U.C.)
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Cal. P.U.C. Sheet No. <u>1870-W</u>
Cal. P.U.C. Sheet No. <u>1821-W</u>

#### TABLE OF CONTENTS The following listed tariff sheets contain all effective rates, rules and regulations affecting the rates and service of the Utility, together with information relating thereto: C.P.U.C. Subject Matter of Sheet Sheet No. Title 1495-W Table of Contents 1870-W, 1795-W, 848-W and 1831-W (T) 919-W, 1303-W, 1699-W, 1700-W, 1702-W, 1420-W, Preliminary Statement 1423-W, 1427-W, 1469-W, 1492-W, 1508-W, 1542-W, 1799-W and 1818-W Service Area Map Locator 1266-W Service Area Map Locator, Index 1589-W Map of Areas With Special Pressure and Fire Flow Conditions 1590-W Index to Map of Areas With Special Pressure and Fire Flow Conditions 1079-W, 1591-W 1082-W, 1087-W and 1404-W Rate Schedules: Schedule No. 1, General Metered Service 1864-W, 1840-W and 1841-W (C) Schedule No. 1B, General Metered Service With Automatic Fire Sprinkler System 1865-W, 1741-W, 1842-W and 1843-W (C) Schedule No. 1C, General Metered Service Mountain District 1866-W. 1744-W. 1789-W and 1845-W (C) 1867-W and 1621-W Schedule No. 4, Private Fire Service (C) Schedule No. 9C, Construction and Other Temporary Metered Service 1118-W and 1094-W Schedule No. 10R, Service to Employees 152-W Schedule No. 14.1 Water Shortage Contingency Plan With 1668-W,1669-W,1780-W,1671-W, 1672-W,1673-W,1766-W, and 1820-W Staged Mandatory Reductions And Drought Surcharges Schedule No. RW, Raw Water Metered Service 1868-W, 1846-W and 1847-W (C) Schedule No. RCW, Recycled Water Metered Service 1869-W and 1848-W (C) Schedule No. UF, Surcharge to Fund Public Utilities Commission, Reimbursement Fee 1811-W Schedule No. WRAP, Water Rate Assistance Program 1723-W and 1211-W List of Contracts and Deviations 1857-W Rules: No. 1 - Definitions 764-W and 976-W No. 2 - Description of Service 525-W

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(Continued)	•

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