

**Accounting Documents for Annual Revenue Program and CIP Billings for Tribes**

December 14, 2015

TO: Tributary Agencies

SJ: Timetable for Completion of 2016-2017 Revenue Program

Enclosed is a timetable for completion of the 2016-2017 Revenue Program.

Please note that mass emission data (Revenue Program forms 1, 2 and 3) for computing the Agencies' estimated shares of 2016-2017 Water Pollution Control Plant operating and maintenance costs is due on February 8, 2016.

Please call me at 975-2599 or Lillian Nguyen at 975-2567 if clarification or additional information is required.



LAURA BURKE  
Principal Accountant  
Administration Division  
Environmental Services Department

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
(SJ/SC WPCP)**

**2016-2017 REVENUE PROGRAM TIMETABLE**

<b>DATE</b>	<b>RESPONSIBLE AGENCY</b>	<b>ACTION REQUIRED</b>
2/8/2016	AGENCIES	<b>2016-2017 MASS EMISSION:</b> Submit mass emission data for the 2016-2017 Revenue Program (forms #1 - 3) to the SJ/SC WPCP Revenue Program Section.
2/23/2016	SJ/SC WPCP	<b>2016-2017 CAPITAL PROJECT COSTS:</b> Transmit to each tributary agency a distribution of estimated 2016-2017 Capital Project costs.
3/10/2016	SJ/SC WPCP	<b>2016-2017 REVENUE PROGRAM FORMS:</b> Transmit to each tributary agency a distribution of estimated 2016-2017 budgeted operations and maintenance costs, contained in the following forms: <ul style="list-style-type: none"> <li>● Form 9 - Summary of Capacity Allocation.</li> <li>● Form 10 - Distribution of Capital Costs.</li> <li>● Form 11 - Summary of Annual Loadings.</li> <li>● Form 12 - Distribution of O &amp; M and Replacement Allowance Costs.</li> </ul>
7/1/2016	AGENCIES	<b>2016-2017 ADOPTED REVENUE PROGRAM:</b> Submit the final Revenue Program (Forms #1 - 6) and ordinance or resolution adopting the 2016-2017 rate structure to the SJ/SC WPCP Revenue Section.

November 16, 2015

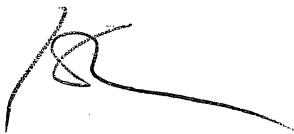
TO: Treatment Plant Advisory Committee

SJ: Tributary Agencies Available Plant Capacity - 2015

The Master Agreements require that the Treatment Plant Advisory Committee file annually with the legislative bodies of San Jose, Santa Clara and member agencies a report on plant capacity. The attached report, Tributary Agencies Available Plant Capacity - 2015, has been prepared to satisfy this requirement and to identify each agency's 2015 plant capacity as well as available (unused) capacity.

It is recommended that the Treatment Plant Advisory Committee approve the attached report.

Sincerely,



Kerrie Romanow  
Director  
Environmental Services Department

Attachment

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

**November 2015**

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT**

**TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

This analysis was prepared to comply with the terms of the Master Agreements which require that the operational capacity and productive use of the treatment plant be determined annually. Tables I through IV contain the Plant Capacity, the 2015 Peak Week (5-day average) Flow, and the Remaining Available Capacity for the entire plant and for each individual member for 2015.

**2015 PLANT CAPACITY**

The nominal capacity of the treatment plant during the 2015 peak week is 167 MGD. The agencies' capacity rights in the 167 MGD plant are shown on Tables I through IV and were determined in accordance with the provisions of the Master Agreements.

**2015 PEAK WEEK FLOW**

The 2015 peak dry weather flow of 96.15 MGD occurred during the week of August 31 - September 4. Tables I through IV contain the agencies' flow and loadings for the 2015 peak week which were obtained from the following sources:

- WEST VALLEY SANITATION DISTRICT - Wastewater Flow Report dated 9/17/15, submitted by the District.
- CUPERTINO SANITARY DISTRICT - Metered Flow Reports.
- CITY OF MILPITAS - Metered Flow Reports dated 11/3/15, submitted by the City
- COUNTY SANITATION DISTRICT 2-3 - 2015-2016 Revenue Program.
- BURBANK SANITARY DISTRICT - 2015-2016 Revenue Program.
- CITY of SAN JOSE and CITY of SANTA CLARA - The 2015 Peak Week flow and loadings remaining after subtracting the other agencies' reported flows and loadings are attributed to San Jose and Santa Clara as joint owners of the facilities. These were allocated, in accordance with the 1959 Agreement, to the two cities based on current assessed valuation ratios of 82.601% for San Jose and 17.399% for Santa Clara.

**2015 AVAILABLE CAPACITY**

The Agencies' peak week flows and loadings were subtracted from their capacities in the 167 MGD plant to obtain their 2015 available capacities.

TABLE I

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION PLANT  
TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

**FLOW**

Agency		2015 Plant Capacity MGD	2015 Peak Week Flow MGD	Available Capacity MGD
San Jose	82.601%	108.885	61.178	47.707
Santa Clara	17.399%	22.935	12.887	10.048
Subtotal	100.000%	131.820	74.065	57.755
West Valley Sanitation District	(1) (3)	11.697	10.260	1.437
Cupertino Sanitary District	(4)	7.850	3.897	3.953
City of Milpitas	(3) (4)	14.250	6.708	7.542
County Sanitation District 2-3	(2)	0.983	0.983	0.000
Burbank Sanitary District		0.400	0.237	0.163
Subtotal		35.180	22.085	13.095
Total		167.000	96.150 (5)	70.850

(1) Reflects transfer of capacity from West Valley Sanitation District to San Jose/Santa Clara resulting from annexations as of June 2015.

(2) In January 1985, County Sanitation District 2-3 entered into an agreement with the Cities of San Jose and Santa Clara, as joint owners of the plant, electing not to participate in a fixed capacity. Capacity is determined annually in accordance with the methods and restrictions prescribed in the agreement.

(3) Reflects transfer of capacity from West Valley Sanitation District to Milpitas in July 2006.

(4) Reflects transfer of capacity from Cupertino to Milpitas in January 2009.

(5) The 2015 peak week flow of 96.15 MGD represents a decrease of 11.88 MGD from the 2014 peak week flow. This reduction is attributed to severe drought conditions which have resulted in the reduction of infiltration to the sewers and to water conservation efforts.

TABLE II

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION PLANT  
TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

**BOD**

Agency		2015 Plant Capacity KLBS/D	2015 Peak Week Flow KLBS/D	Available Capacity KLBS/D
San Jose	82.601%	384.827	155.340	229.487
Santa Clara	17.399%	81.060	32.721	48.339
Subtotal	100.000%	465.887	188.061	277.826
West Valley Sanitation District (1) (3)		28.611	22.483	6.128
Cupertino Sanitary District (4)		16.419	9.818	6.601
City of Milpitas (3) (4)		27.249	16.082	11.167
County Sanitation District 2-3 (2)		2.019	2.019	.000
Burbank Sanitary District		.815	.487	.328
Subtotal		75.113	50.889	24.224
<b>Total</b>		<b>541.000</b>	<b>238.950</b>	<b>302.050</b>

- (1) Reflects transfer of capacity from West Valley Sanitation District to San Jose/Santa Clara resulting from annexations as of June 2015.
- (2) In January 1985, County Sanitation District 2-3 entered into an agreement with the Cities of San Jose and Santa Clara, as joint owners of the plant, electing not to participate in a fixed capacity. Capacity is determined annually in accordance with the methods and restrictions prescribed in the agreement.
- (3) Reflects transfer of capacity from West Valley Sanitation District to Milpitas in July 2006.
- (4) Reflects transfer of capacity from Cupertino to Milpitas in January 2009.



TABLE III

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION PLANT  
TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

**SUSPENDED SOLIDS**

Agency		2015 Plant Capacity KLBS/D	2015 Peak Week Flow KLBS/D	Available Capacity KLBS/D
San Jose	82.601%	341.706	162.831	178.875
Santa Clara	17.399%	71.977	34.298	37.679
Subtotal	100.000%	413.683	197.129	216.554
West Valley Sanitation District	(1) (3)	27.173	19.363	7.810
Cupertino Sanitary District	(4)	16.299	7.842	8.457
City of Milpitas	(3) (4)	25.990	11.707	14.283
County Sanitation District 2-3	(2)	2.002	2.002	.000
Burbank Sanitary District		.853	.477	.376
Subtotal		72.317	41.391	30.926
<b>Total</b>		<b>486.000</b>	<b>238.520</b>	<b>247.480</b>

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TABLE IV

**CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA WATER POLLUTION PLANT  
TRIBUTARY AGENCIES' AVAILABLE PLANT CAPACITY - 2015**

**AMMONIA**

Agency		2015 Plant Capacity KLBS/D	2015 Peak Week Flow KLBS/D	Available Capacity KLBS/D
San Jose	82.601%	33.930	21.264	12.666
Santa Clara	17.399%	7.147	4.479	2.668
Subtotal	100.000%	41.077	25.743	15.334
West Valley Sanitation District	(1) (3)	2.825	2.501	.324
Cupertino Sanitary District	(4)	2.287	.932	1.355
City of Milpitas	(3) (4)	2.847	1.461	1.386
County Sanitation District 2-3	(2)	.267	.267	.000
Burbank Sanitary District		.297	.066	.231
Subtotal		8.523	5.227	3.296
<b>Total</b>		<b>49.600</b>	<b>30.970</b>	<b>18.630</b>

(1) Reflects transfer of capacity from West Valley Sanitation District to San Jose/Santa Clara resulting from annexations as of June 2015.

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November 16, 2015

TO: Treatment Plant Advisory Committee

SJ: Tributary Agencies Available Plant Capacity - 2015

The Master Agreements require that the Treatment Plant Advisory Committee file annually with the legislative bodies of San Jose, Santa Clara and member agencies a report on plant capacity. The attached report, Tributary Agencies Available Plant Capacity - 2015, has been prepared to satisfy this requirement and to identify each agency's 2015 plant capacity as well as available (unused) capacity.

It is recommended that the Treatment Plant Advisory Committee approve the attached report.

Sincerely,

Kerrie Romanow  
Director  
Environmental Services Department

Attachment

March 4, 2015

TO: Tributary Agencies

SUBJECT: FY 2015-16 Revenue Program

Attached are the San Jose/Santa Clara Water Pollution Control Plant revenue program forms No. 7 through 12 for FY 2015-16. These forms are submitted to you for your use in preparing your budgets and sewer service rates.

The forms contain the distribution of the preliminary Operating and Maintenance Budget (\$95,300,000) for FY 2015-16 to the tributary agencies. Although these costs are preliminary, they are not anticipated to differ materially from the final proposed budget which will be submitted to the Treatment Plant Advisory Committee and to the San Jose City Council for adoption.

If you have any questions, please call me at (408) 975-2599 or Lillian Nguyen at (408) 975-2567.

Sincerely,



LAURA BURKE  
Principal Accountant  
Administrative Services Division  
Environmental Services Department

Attachments

CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT

SAN JOSE/SANTA CLARA  
WATER POLLUTION CONTROL PLANT  
2015-16 REVENUE PROGRAM

The attached revenue program forms were prepared to show the distribution of FY 2015-16 treatment plant costs to the tributary agencies and to provide the agencies with allocation percentages for redistribution of cost to the agencies' users.

The attached revenue program forms contain the following:

- Capital cost allocation percentages by treatment parameters (Flow, BOD, SS and Ammonia).
- Distribution of FY 2015-16 estimated Operating and Maintenance (O & M) costs to the tributary agencies.

**CAPITAL COST ALLOCATION PERCENTAGES**

Forms 10A, 10B, 10C and 10D contain the allocation percentages for use by the agencies in allocating capital cost (debt service) to their respective users.

**OPERATING AND MAINTENANCE COST AND REPLACEMENT ALLOWANCE**

Form 12 contains the distribution of the estimated treatment plant O & M costs for FY 2015-16 to the tributary agencies. The form also contains the percentage allocation by parameter for each agency. These percentages are for the agencies' use in redistributing their costs to their respective users.

**The Distribution of Replacement Allowance (Form 12B) has been omitted for FY 2015-16 because the intent is to recommend to the Treatment Plant Advisory Committee that a temporary moratorium be placed on the collection of the renewal and replacement allowance.** Equipment replacement costs will be funded from reserves.

The O & M cost distribution to the tributary agencies was based on the volume and strength of sewage as reported by the agencies and shown on Form 11.

The FY 2015-16 Operating and Maintenance cost distribution is as follows:

AGENCY	Percentage	O & M
San Jose	65.127	\$62,066,500
Santa Clara	13.719	13,073,800
West Vallley Sanitary District	9.101	8,673,100
Cupertino	5.096	4,856,300
Milpitas	5.809	5,535,700
County Sanitation District 2-3	.921	877,800
Burbank	.227	216,800
Total	100%	95,300,000

DISTRIBUTION of PROJECT COSTS to PARAMETERS for the PRIMARY & SECONDARY FACILITIES

PROCESS UNIT	ESTIMATED COST	USEFUL LIFE	(% ) LOADING PARAMETERS			CAPITAL RECOVERY FACTOR 6%	ANNUAL CAPITAL RECOVERY COST	FLOW COST ALLOCATED TO I/I 20.936%	TREATMENT PARAMETER ALLOCATION				
			FLOW	BOD	SS NH3				FLOW COST	BOD COST	SS COST	NH3 COST	
General Plant:	Struct.	\$1,360,645	40	42	39	19	0.06646	\$90,400	\$7,900	\$30,000	\$35,300	\$17,200	
	Equip.	559,314	15	42	39	19	0.10296	57,600	5,100	19,100	22,500	10,900	
Administration:	Struct.	1,279,786	40	42	39	19	0.06646	85,100	7,400	28,300	33,200	16,200	
Maintenance:	Struct.	728,720	40	42	39	19	0.06646	48,400	4,300	16,100	18,900	9,200	
Laboratory:	Equip.	39,445	10	42	39	19	0.13587	5,400	500	1,800	2,100	1,000	
Air Production:	Struct.	3,141,665	40		100		0.06646	208,800	X 0	0	208,800	0	
	Equip.	2,499,759	20		100		0.08718	217,900	X 0	0	217,900	0	
Electric Power:	Struct.	885,260	40	42	39	19	0.06646	58,800		5,200	19,500	22,900	11,200
	Equip.	1,093,092	25	42	39	19	0.07823	85,500		7,500	28,400	33,300	16,200
Pretreatment:	Struct.	1,184,539	40	100			0.06646	78,700	X 16,500	62,200	0	0	
	Equip.	449,975	15			100	0.10296	46,300	X 0	0	0	46,300	
Primary Sedimentation:	Struct.	6,693,651	40	100			0.06646	444,900	X 93,100	351,800	0	0	
	Equip.	1,186,655	25		35	65	0.07823	92,800	X 0	0	32,500	60,300	
Raw Sewage Pump:	Struct.	588,603	40	100			0.06646	39,100	X 8,200	30,900	0	0	
	Equip.	347,879	20	100			0.08718	30,300	X 6,300	24,000	0	0	
Settle Sewage Pump:	Equip.	194,731	20	100			0.08718	17,000	X 3,600	13,400	0	0	
Secondary Effluent:	Struct.	870,666	40	100			0.06646	57,900	X 12,100	45,800	0	0	
	Equip.	946,259	20	100			0.08718	82,500	X 17,300	65,200	0	0	
Secondary Clarifiers:	Struct.	3,629,055	40	100			0.06646	241,200	X 50,500	190,700	0	0	
	Equip.	1,322,373	25		100		0.07823	103,400	X 0	0	103,400	0	
Chlorination:	Struct.	1,236,481	30	100			0.07265	89,800	X 18,800	71,000	0	0	
	Equip.	788,480	12	100			0.11928	94,000	X 19,700	74,300	0	0	
Solids Handling & Disposal:	Struct.	15,043,156	40		50	50	0.06646	999,800	X 0	0	499,900	499,900	
	Equip.	3,219,811	20		50	50	0.08718	280,700	X 0	0	140,400	140,300	
Outfall Sewer:	Struct.	210,934	75	100			0.06077	12,800	X 2,700	10,100	0	0	
Activated Sludge Processing:	Struct.	9,924,376	40	75	25		0.06646	659,600	X 103,600	391,100	164,900	0	
	Equip.	2,145,192	25		100		0.07823	167,800	X 0	0	167,800	0	
Study: Sewage Treatment Feasibility		107,500	30	42	39	19	0.07265	7,800	700	2,600	3,000	1,500	
Total of "x" items (used to establish %)								\$3,965,300	\$352,400	\$1,330,500	\$1,535,600	\$746,800	
TOTAL		\$61,678,002						\$4,404,300	\$391,000	\$1,476,300	\$1,706,800	\$830,200	
PARAMETER ALLOCATION PERCENTAGES								100%	8.887%	33.554%	38.726%	18.833%	

## DISTRIBUTION of PROJECT COSTS to PARAMETERS for the ADVANCE WASTE TREATMENT FACILITIES

PROCESS UNIT	ESTIMATED COST	USEFUL LIFE	(% ) LOADING PARAMETERS			CAPITAL RECOVERY FACTOR 6%	ANNUAL CAPITAL RECOVERY COST	FLOW COST ALLOCATED TO 1/1 20.936%	TREATMENT PARAMETER ALLOCATIONS				
			FLOW	BOD	SS				NH3	FLOW COST	BOD COST	SS COST	NH3 COST
<b>NITRIFICATION FACILITIES</b>													
Site Development:	Struct	\$3,583,000	40	75		25	0.06646	\$238,100	\$37,300	\$141,300	\$0	\$0	\$59,500
	Equip.	112,000	20	100			0.08718	9,800	2,100	7,700	0	0	0
Service Wing:	Struct	656,000	40	30		70	0.06646	43,600	2,700	10,400	0	0	30,500
	Equip.	414,000	20	30		70	0.08718	36,100	2,200	8,600	0	0	25,300
Blower Building:	Struct	3,353,000	40	15		85	0.06646	222,800	7,000	26,400	0	0	189,400
	Equip.	5,453,000	20	15		85	0.08718	475,400	14,900	56,400	0	0	404,100
Nitrification Tanks:	Struct	9,382,000	40	80		20	0.06646	623,500	104,400	394,400	0	0	124,700
	Equip.	3,247,000	25	50		50	0.07823	254,000	26,600	100,400	0	0	127,000
Tertiary Settlement Tanks:	Struct	7,802,000	40	100			0.06646	518,500	108,600	409,900	0	0	0
	Equip.	6,552,000	25	100			0.07823	512,600	107,300	405,300	0	0	0
Computer Additions:	Equip.	179,000	20	80		20	0.08718	15,600	2,600	9,900	0	0	3,100
<b>FILTRATION FACILITIES</b>													
Site Development:	Struct	5,825,000	40	80		20	0.06646	387,100	64,800	244,900	0	0	77,400
	Equip.	1,466,000	20	10		90	0.08718	127,800	2,700	10,100	0	0	115,000
Service Wing:	Struct	646,000	40	100			0.06646	42,900	9,000	33,900	0	0	0
	Equip.	414,000	20	100			0.08718	36,100	7,600	28,500	0	0	0
Tertiary Filters	Struct	9,089,000	40	100			0.06646	604,100	126,500	477,600	0	0	0
	Equip.	8,112,000	25	100			0.07823	634,600	132,900	501,700	0	0	0
Administration Building Additions:	Struct	364,000	40	82		18	0.06646	24,200	4,200	15,600	0	0	4,400
	Equip.	425,000	20	67	2	3 28	0.08718	37,100	5,200	19,700	700	1,100	10,400
Blower Bldg. Modifications:	Struct	207,000	40			100	0.06646	13,800	0	0	13,800	0	0
	Equip.	615,000	20			100	0.08718	53,600	0	0	53,600	0	0
Sludge Concentration Building Modifications:	Struct	165,000	40			100	0.06646	11,000	0	0	0	11,000	0
	Equip.	172,000	20			100	0.08718	15,000	0	0	0	15,000	0
Paint Shop:	Struct	244,000	40	82		18	0.06646	16,200	2,800	10,500	0	0	2,900
	Equip.	439,000	20	67	2	3 28	0.08718	38,300	5,400	20,300	800	1,100	10,700
Modifications to Existing Plant:	Struct	69,000	40	100			0.06646	4,600	1,000	3,600	0	0	0
	Equip.	1,515,000	20	65		35	0.08718	132,100	18,000	67,900	0	46,200	0
<b>TOTAL</b>		<b>\$70,500,000</b>						<b>\$5,128,500</b>	<b>\$795,800</b>	<b>\$3,005,000</b>	<b>\$68,900</b>	<b>\$74,400</b>	<b>\$1,184,400</b>
<b>PARAMETER ALLOCATION PERCENTAGES</b>								<b>100%</b>	<b>15.517%</b>	<b>58.594%</b>	<b>1.343%</b>	<b>1.451%</b>	<b>23.095%</b>

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
SUMMARY of DISTRIBUTION of CAPITAL COST to PARAMETERS**

FACILITIES		FLOW	BOD	SS	NH3	TOTAL
Primary & Secondary	Percent	42.441%	38.726%	18.833%	0.000%	100%
	Cost	\$26,176,800	\$23,885,400	\$11,615,800	\$0	\$61,678,000
AWTF	Percent	74.111%	1.343%	1.451%	23.095%	100%
	Cost	\$49,149,000	\$890,600	\$962,300	\$15,316,200	\$66,318,100
Inter. Term Improvements	Percent	25.125%	42.190%	26.185%	6.500%	100%
	Cost	\$21,741,100	\$36,507,100	\$22,657,900	\$5,624,100	\$86,530,200
First Stage Expansion	Percent	84.284%	5.501%	10.215%	0.000%	100%
	Cost	\$22,900,000	\$1,494,500	\$2,775,500	\$0	\$27,170,000
South Bay Water Recycling (phases 1A & 1B)	Percent	100.000%	0.000%	0.000%	0.000%	100%
	Cost	\$215,535,300	\$0	\$0	\$0	\$215,535,300
Total Original Cost	Percent	73.377%	13.730%	8.313%	4.580%	100%
	Cost	\$335,502,200	\$62,777,600	\$38,011,500	\$20,940,300	\$457,231,600
Estimated Replacement Cost (June 2014) (1)	(2)Percent	73.377%	13.730%	8.313%	4.580%	100%
	Cost	\$1,099,579,000	\$205,748,600	\$124,573,100	\$68,632,800	\$1,498,533,500

(1) The original cost of the facilities was escalated to June 2014 replacement value using the ENR (San Francisco) construction cost index. The June 2014 value is the current value of 'excess pooled capacity' contained in the Master Agreements for wastewater treatment between San Jose/Santa Clara and Agencies.

(2) These are the percentages used to allocate the current year capital costs to treatment parameters.



**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION of CAPITAL COSTS to PARAMETERS**

**CAPITAL IMPROVEMENT PROGRAM  
1982 PRIORITY and INTERMEDIATE-TERM IMPROVEMENTS**

FACILITIES		FLOW	BOD	SS	NH3	TOTAL
1982 Priority Improvements	Percent	100.000%	0.000%	0.000%	0.000%	100%
	Cost	\$1,551,800	\$0	\$0	\$0	\$1,551,800
Intermediate-Term Improven Phase I	Percent	33.276%	0.000%	0.000%	66.724%	100%
	Cost	\$2,708,700	\$0	\$0	\$5,431,300	\$8,140,000
Phase IIA	Percent	10.130%	89.117%	0.000%	0.753%	100%
	Cost	\$968,500	\$8,520,500	\$0	\$72,000	\$9,561,000
Phase IIB	Percent	40.623%	20.782%	38.595%	0.000%	100%
	Cost	\$11,500,400	\$5,883,400	\$10,926,200	\$0	\$28,310,000
Phase IIC	Percent	10.000%	90.000%	0.000%	0.000%	100%
	Cost	\$1,696,000	\$15,264,000	\$0	\$0	\$16,960,000
Process Control System	Percent	100.000%	0.000%	0.000%	0.000%	100%
	Cost	\$2,848,700	\$0	\$0	\$0	\$2,848,700
Sludge Processing	Percent	0.000%	35.000%	65.000%	0.000%	100%
	Cost	\$0	\$6,055,000	\$11,245,000	\$0	\$17,300,000
Other Engineering	Percent	25.125%	42.190%	26.185%	6.500%	100%
	Cost	\$467,000	\$784,200	\$486,700	\$120,800	\$1,858,700
<b>TOTAL 1982 PRIORITY and INTERMEDIATE</b>	Percent	25.125%	42.190%	26.185%	6.500%	100%
	Cost	\$21,741,100	\$36,507,100	\$22,657,900	\$5,624,100	\$86,530,200

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION of CAPITAL COSTS to PARAMETERS**

**CAPITAL IMPROVEMENT PROGRAM  
FIRST STAGE EXPANSION**

FACILITIES		FLOW	BOD	SS	NH3	TOTAL
Liquid Process	Percent	100.000%	0.000%	0.000%	0.000%	100%
	Cost	\$22,900,000	\$0	\$0	\$0	\$22,900,000
Sludge Process	Percent	0.000%	35.000%	65.000%	0.000%	100%
	Cost	\$0	\$1,494,500	\$2,775,500	\$0	\$4,270,000
<b>TOTAL FIRST STAGE EXPANSION</b>	Percent	84.284%	5.501%	10.215%	0.000%	100%
	Cost	\$22,900,000	\$1,494,500	\$2,775,500	\$0	\$27,170,000

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION of CAPITAL COSTS to PARAMETERS**

**CAPITAL IMPROVEMENT PROGRAM  
1982 PRIORITY & INTERMEDIATE-TERM IMPROVEMENTS  
and FIRST STAGE EXPANSION**

FACILITIES		FLOW	BOD	SS	NH3	TOTAL
1982 Priority & Intermediate Term Improvements	Percent	25.125%	42.190%	26.185%	6.500%	100%
	Cost	\$21,741,100	\$36,507,100	\$22,657,900	\$5,624,100	\$86,530,200
First Stage Expansion	Percent	84.284%	5.501%	10.215%	0.000%	100%
	Cost	\$22,900,000	\$1,494,500	\$2,775,500	\$0	\$27,170,000
<b>TOTAL CAPITAL IMPROVEMENT</b>	Percent	39.262%	33.423%	22.369%	4.946%	100%
	Cost	\$44,641,100	\$38,001,600	\$25,433,400	\$5,624,100	\$113,700,200

## SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT

CAPACITY ALLOCATION (1)  
FIRST STAGE EXPANSION IMPLEMENTED

AGENCY	FLOW		BOD		SS		NH3	
	MGD	%	Klbs/Day	%	Klbs/Day	%	Klbs/Day	%
San Jose (2) 82.601%	109.697	65.686	386.495	71.440	343.360	70.649	34.151	68.852
Santa Clara (2) 17.399%	23.106	13.836	81.411	15.048	72.325	14.882	7.193	14.502
Subtotal 100%	132.803	79.522	467.906	86.488	415.685	85.531	41.344	83.354
W.V.S.D. (3) & (4)	11.697	7.004	28.611	5.289	27.173	5.591	2.825	5.696
Cupertino (5)	7.850	4.701	16.419	3.035	16.299	3.354	2.287	4.611
Milpitas (4) (5)	14.250	8.533	27.249	5.037	25.990	5.348	2.847	5.740
Burbank	0.400	0.240	0.815	0.151	0.853	0.176	0.297	0.599
<b>TOTAL</b>	<b>167.000</b>	<b>100.000</b>	<b>541.000</b>	<b>100.000</b>	<b>486.000</b>	<b>100.000</b>	<b>49.600</b>	<b>100.000</b>

(1) SOURCE: Master Agreements for wastewater treatment between San Jose/Santa Clara and Agencies (revised 9/85).

(2) San Jose and Santa Clara share cost and capacity between themselves proportionally based on assessed valuations.

(3) Reflects transfers of capacities, not reflected in the Master Agreements, to San Jose and Santa Clara resulting from annexations and detachments as of October 2012.

(4) Reflects transfers of capacities from W.V.S.D. to Milpitas - effective July 1, 2006.

(5) Reflects transfers of capacities from Cupertino to Milpitas - effective January 1, 2009.

NOTE: C.S.D. No. 2-3 has an agreement with San Jose/Santa Clara which entitles it to determine annually, within certain limits, its capacity requirements. The capacity requirements may vary from year to year, therefore, a fixed capacity is not presented on this form. C.S.D. No. 2-3's capacity requirements will be met from San Jose/Santa Clara's capacities shown on this form.

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION OF CAPITAL COSTS**

**PRIMARY, SECONDARY and ADVANCE WASTE TREATMENT FACILITIES  
PRE-1982 DEBT SERVICE**

AGENCY		FLOW	BOD	SS	NH3	TOTAL
San Jose	Cost	\$49,478,400	\$17,699,900	\$8,886,300	\$10,545,600	\$86,610,200
	Percent	57.128	20.436	10.260	12.176	100%
Santa Clara	Cost	\$10,422,100	\$3,728,300	\$1,871,900	\$2,221,200	\$18,243,500
	Percent	57.128	20.436	10.260	12.176	100%
Subtotal	Cost	\$59,900,500	\$21,428,200	\$10,758,200	\$12,766,800	\$104,853,700
	Percent	57.128	20.436	10.260	12.176	100%
West Valley (1)	Cost	\$5,275,800	\$1,310,400	\$703,200	\$872,400	\$8,161,800
	Percent	64.640	16.055	8.616	10.689	100%
Cupertino (2)	Cost	\$3,541,100	\$752,000	\$421,900	\$706,200	\$5,421,200
	Percent	65.319	13.871	7.782	13.027	100%
Milpitas (1) (2)	Cost	\$6,427,600	\$1,248,000	\$672,700	\$879,100	\$9,227,400
	Percent	69.658	13.525	7.290	9.527	100%
Burbank	Cost	\$180,800	\$37,400	\$22,100	\$91,700	\$332,000
	Percent	54.458	11.265	6.657	27.620	100%
<b>TOTAL</b>		<b>\$75,325,800</b>	<b>\$24,776,000</b>	<b>\$12,578,100</b>	<b>\$15,316,200</b>	<b>\$127,996,100</b>

(1) Reflects transfers of capacities from W.V.S.D. to Milpitas - effective July 1, 2006.

(2) Reflects transfers of capacities from Cupertino to Milpitas - effective January 1, 2009.

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION OF CAPITAL COSTS**

**CAPITAL IMPROVEMENT PROGRAM  
167 MGD PLANT**

AGENCY		FLOW	BOD	SS	NH3	TOTAL
San Jose	Cost	\$29,323,000	\$27,148,400	\$17,968,400	\$3,872,400	\$78,312,200
	Percent	37.444	34.668	22.945	4.945	100%
Santa Clara	Cost	\$6,176,500	\$5,718,500	\$3,785,000	\$815,600	\$16,495,600
	Percent	37.444	34.668	22.945	4.945	100%
Subtotal	Cost	\$35,499,500	\$32,866,900	\$21,753,400	\$4,688,000	\$94,807,800
	Percent	37.444	34.668	22.945	4.945	100%
West Valley (1)	Cost	\$3,126,700	\$2,009,900	\$1,422,000	\$320,300	\$6,878,900
	Percent	45.453	29.218	20.672	4.656	100%
Cupertino (2)	Cost	\$2,098,600	\$1,153,300	\$853,000	\$259,300	\$4,364,200
	Percent	48.087	26.426	19.545	5.942	100%
Milpitas (1) (2)	Cost	\$3,809,200	\$1,914,100	\$1,360,200	\$322,800	\$7,406,300
	Percent	51.432	25.844	18.365	4.358	100%
Burbank	Cost	\$107,100	\$57,400	\$44,800	\$33,700	\$243,000
	Percent	44.074	23.621	18.436	13.868	100%
<b>TOTAL</b>		<b>\$44,641,100</b>	<b>\$38,001,600</b>	<b>\$25,433,400</b>	<b>\$5,624,100</b>	<b>\$113,700,200</b>

(1) Reflects transfers of capacities from W.V.S.D. to Milpitas - effective July 1, 2006.

(2) Reflects transfers of capacities from Cupertino to Milpitas - effective Januaray 1, 2009.

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION OF CAPITAL COSTS**

**SOUTH BAY WATER RECYCLING (Phases IA & IB)**

AGENCY		FLOW	BOD	SS	NH3	TOTAL
San Jose	Cost	\$141,576,500	\$0	\$0	\$0	\$141,576,500
	Percent	100.000	0.000	0.000	0.000	100%
Santa Clara	Cost	\$29,821,500	\$0	\$0	\$0	\$29,821,500
	Percent	100.000	0.000	0.000	0.000	100%
Subtotal	Cost	\$171,398,000	\$0	\$0	\$0	\$171,398,000
	Percent	100.000	0.000	0.000	0.000	100%
West Valley (1)	Cost	\$15,096,100	\$0	\$0	\$0	\$15,096,100
	Percent	100.000	0.000	0.000	0.000	100%
Cupertino (2)	Cost	\$10,132,300	\$0	\$0	\$0	\$10,132,300
	Percent	100.000	0.000	0.000	0.000	100%
Milpitas (1) (2)	Cost	\$18,391,600	\$0	\$0	\$0	\$18,391,600
	Percent	100.000	0.000	0.000	0.000	100%
Burbank	Cost	\$517,300	\$0	\$0	\$0	\$517,300
	Percent	100.000	0.000	0.000	0.000	100%
<b>TOTAL</b>		<b>\$215,535,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$215,535,300</b>

(1) Reflects transfers of capacities from W.V.S.D. to Milpitas - effective July 1, 2006.

(2) Reflects transfers of capacities from Cupertino to Milpitas - effective January 1, 2009.

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION OF CAPITAL COSTS**

**TOTAL PLANT COSTS**

AGENCY		FLOW	BOD	SS	NH3	TOTAL
San Jose	Cost	\$220,377,900	\$44,848,300	\$26,854,700	\$14,417,700	\$306,498,600
	Percent	71.902	14.632	8.761	4.704	100%
Santa Clara	Cost	\$46,420,100	\$9,446,800	\$5,656,900	\$3,036,800	\$64,560,600
	Percent	71.902	14.632	8.761	4.704	100%
Subtotal	Cost	\$266,798,000	\$54,295,100	\$32,511,600	\$17,454,500	\$371,059,200
	Percent	71.902	14.632	8.761	4.704	100%
West Valley (1)	Cost	\$23,498,600	\$3,320,300	\$2,125,200	\$1,192,800	\$30,136,900
	Percent	77.973	11.017	7.052	3.958	100%
Cupertino (2)	Cost	\$15,772,000	\$1,905,300	\$1,274,900	\$965,600	\$19,917,800
	Percent	79.185	9.566	6.401	4.848	100%
Milpitas (1) (2)	Cost	\$28,628,400	\$3,162,100	\$2,032,900	\$1,202,000	\$35,025,400
	Percent	81.736	9.028	5.804	3.432	100%
Burbank	Cost	\$805,200	\$94,800	\$66,900	\$125,400	\$1,092,300
	Percent	73.716	8.679	6.125	11.480	100%
<b>TOTAL</b>		<b>\$335,502,200</b>	<b>\$62,777,600</b>	<b>\$38,011,500</b>	<b>\$20,940,300</b>	<b>\$457,231,600</b>

(1) Reflects transfers of capacities from W.V.S.D. to Milpitas - effective July 1, 2006.

(2) Reflects transfers of capacities from Cupertino to Milpitas - effective January 1, 2009.



## SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT

SUMMARY OF ANNUAL LOADINGS  
FISCAL YEAR 2015-16

AGENCY	FLOW		BOD		SS		NH	
	MG	%	Klbs	%	Klbs	%	Klbs	%
San Jose	25,421.534	65.652	54,783.638	63.149	49,464.398	67.440	6,715.500	69.560
Santa Clara	5,214.087	13.466	12,719.202	14.662	8,188.196	11.164	979.210	10.143
Subtotal	30,635.621	79.118	67,502.840	77.811	57,652.594	78.604	7,694.710	79.703
W.V.S.D.	3,501.616	9.043	7,807.191	8.999	6,792.852	9.261	881.614	9.132
Cupertino	1,911.380	4.936	4,830.860	5.569	3,842.042	5.238	456.383	4.727
Milpitas	2,239.390	5.783	5,713.095	6.586	4,183.820	5.704	499.684	5.176
C.S.D. No. 2-3	347.827	0.898	720.870	0.831	701.447	0.956	97.665	1.012
Burbank	85.897	0.222	177.360	0.204	173.932	0.237	24.139	0.250
<b>TOTAL</b>	<b>38,721.731</b>	<b>100.000</b>	<b>86,752.216</b>	<b>100.000</b>	<b>73,346.687</b>	<b>100.000</b>	<b>9,654.194</b>	<b>100.000</b>

**SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
DISTRIBUTION OF OPERATIONS & MAINTENANCE COSTS  
FISCAL YEAR 2015-16**

AGENCY			FLOW	BOD	SS	NH3	TOTAL	PERCENT SHARE OF COST
San Jose	82.601%	(1) Cost	\$21,175,400	\$13,475,400	\$13,612,700	\$13,803,000	\$62,066,500	65.127%
		Percent	34.118	21.711	21.932	22.239	100%	
Santa Clara	17.399%	(1) Cost	\$4,460,400	\$2,838,500	\$2,867,400	\$2,907,500	\$13,073,800	13.719%
		Percent	34.118	21.711	21.932	22.239	100%	
Subtotal	100%	Cost	\$25,635,800	\$16,313,900	\$16,480,100	\$16,710,500	\$75,140,300	78.846%
		Percent	34.118	21.711	21.932	22.239	100%	
West Valley		Cost	\$2,930,100	\$1,886,700	\$1,941,700	\$1,914,600	\$8,673,100	9.101%
		Percent	33.784	21.753	22.388	22.075	100%	
Cupertino		Cost	\$1,599,400	\$1,167,600	\$1,098,200	\$991,100	\$4,856,300	5.096%
		Percent	32.934	24.043	22.614	20.409	100%	
Milpitas		Cost	\$1,873,800	\$1,380,800	\$1,195,900	\$1,085,200	\$5,535,700	5.809%
		Percent	33.849	24.944	21.603	19.604	100%	
C.S.D. No. 2-3		Cost	\$291,000	\$174,200	\$200,400	\$212,200	\$877,800	0.921%
		Percent	33.151	19.845	22.830	24.174	100%	
Burbank		Cost	\$71,900	\$42,800	\$49,700	\$52,400	\$216,800	0.227%
		Percent	33.164	19.742	22.924	24.170	100%	
<b>TOTAL (2)</b>			<b>\$32,402,000</b>	<b>\$20,966,000</b>	<b>\$20,966,000</b>	<b>\$20,966,000</b>	<b>\$95,300,000</b>	<b>100.000%</b>

(1) San Jose and Santa Clara share cost between themselves based on assessed valuation ratios.

(2) In accordance with the State Water Resources Control Board's Revenue Program Guidelines for Wastewater Agencies, the O/M Budget is allocated 34% to Flow and 22% each to BOD, SS and NH3.

February 25, 2015

TO: Tributary Agencies

SUBJECT: FY 2015-16 Treatment Plant Capital Cost and State Revolving Fund Loan Repayments Allocation

The following is submitted for your use in preparing your FY 2015-16 budgets:

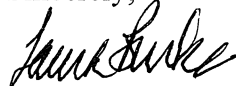
- Attachment I - Treatment Plant Capital Cost Allocation: This cost allocation is for the FY 2015-16 Estimated Capital Projects on a “cash funded” basis. The capital cost projections are preliminary but are not anticipated to differ materially from the final proposed budget that will be submitted to the Treatment Plant Advisory Committee and to the San Jose City Council for adoption.

There may be adjustments to how these projects will be billed to each agency depending on whether an agency selects another funding option, besides cash funding, if other options become available later during this planning cycle (commercial paper, SRF Loan(s), bonds, other financing). However, at the time of this document, a cash funded basis is being assumed.

- Attachment II - State Revolving Fund Loan Repayments: Attachment II contains each agency's share of SRF Loan repayments for FY 2015-16. To date, South Bay Water Recycling has received \$73,566,018 in State Revolving Fund Loan program funds. The loan proceeds and annual repayments are originally allocated to each agency, except for the City of Milpitas, in the same proportion as its participation in the South Bay Water Recycling projects for which the loan are obtained. Starting January 1, 2009, the City of Milpitas is responsible for 0.486% of the debt service payment upon the capacity sale from Cupertino to Milpitas on January 1, 2009.

If you have any questions, please call me at (408) 975-2599 or Lillian Nguyen at (408)975-2567.

Sincerely,



LAURA BURKE

Principal Accountant

Administrative Services Division

Environmental Services Department

Attachments

**ATTACHMENT I****CITY OF SAN JOSE  
ENVIRONMENTAL SERVICES DEPARTMENT  
SAN JOSE/SANTA CLARA  
WATER POLLUTION CONTROL PLANT****TREATMENT PLANT CAPITAL  
COST ALLOCATION  
FISCAL YEAR 2015-16**

Allocation of capital project costs is governed by the provisions of the Master Agreements for Wastewater Treatment, which require that these costs be allocated proportionally to the agencies based on their treatment plant capacity rights. Accordingly, the attached tables distribute the estimated FY 2015-16 capital project costs to the agencies based on their capacity rights in the 167 MGD plant.

**TABLE 1 TRIBUTARY AGENCY COST ALLOCATION.**

Table 1 contains each agency's share of WPCP's FY 2015-16 capital projects.

**TABLE 2 FY 2015-16 ESTIMATED CAPITAL PROJECT COSTS.**

Table 2 lists the projects for which the agencies will be charged in FY 2015-16.

**TABLE 3 ALLOCATION OF CAPITAL COSTS.**

Table 3 contains the cost allocation to the agencies based on capacity rights in the 167 MGD plant.

**TABLE 4 CAPACITY ALLOCATIONS.**

Table 4 contains the agencies' FY 2015-16 capacity rights in the 167 MGD Plant. The percentages in this table are the basis for allocating capital costs to the agencies on Table 3.

**TABLE 5 SUMMARY OF DISTRIBUTION OF CAPITAL COSTS TO PARAMETERS.**

This table contains the percentages for distributing total capital costs to treatment parameters on Table 3.

TABLE 1

SAN JOSE/SANTA CLARA  
WATER POLLUTION CONTROL PLANT

TOTAL PROJECTS FROM TABLE 2  
AGENCY COST ALLOCATION  
FISCAL YEAR 2015-16

AGENCY	TOTAL COST	SHARE OF TOTAL COST
City of San Jose	82,803,500	66.586%
City of Santa Clara	17,442,100	14.026%
Subtotal	\$100,245,600	80.612%
West Valley Sanitation District	8,196,400	6.591%
Cupertino Sanitary District	5,417,000	4.356%
City of Milpitas	9,526,900	7.661%
County Sanitation District 2-3	672,800	0.541%
Burbank Sanitary District	297,300	0.239%
Total	\$124,356,000	100.000%

This cost allocation will serve as the basis for estimated quarterly billings in FY 2015-16.

TABLE 2

SAN JOSE/SANTA CLARA  
WATER POLLUTION CONTROL PLANT

FY 2015-16 CAPITAL PROJECTS COSTS

PROJECT	FY 2015-16 ESTIMATED COST
Headworks Improvements	\$ 1,836,000
New Headworks	1,711,000
Iron Salt Feed Station	1,700,000
Aeration Tanks and Blower Rehabilitation	435,000
East Primary Rehab, Seismic Retrofit, and Odor Control	1,636,000
Filter Rehabilitation	1,061,000
Outfall Bridge and Levee Improvements	1,083,000
Digested Sludge Dewatering Facility	390,000
Digester and Thickener Facilities Upgrade	89,971,000
Lagoons & Drying Beds Retirement	443,000
Combined Heat and Power Equipment Repair & Rehab	795,000
Treatment Plant Distributed Control System	500,000
Facility Wide Water Systems Improvements	1,042,000
Support Building Improvements	400,000
Tunnel Rehabilitation	940,000
Construction-Enabling Improvements	3,476,000
Urgent and Unscheduled TP Rehabilitation	1,500,000
Plant Infrastructure Improvements	1,000,000
Yard Piping and Road Improvements	1,127,000
SBWR System Reliability & Infrastructure Replacement	1,500,000
Public Art	41,000
Payment for CWFA Trustee	5,000
City-wide & PW CAP Support Costs	699,000
Preliminary Engineering	1,000,000
Program Management	10,065,000
TOTAL	\$ <u>124,356,000</u> →

5/14/15  
Revised to  
\$124,446,

Source: San Jose/Santa Clara Water Pollution Control Plant 2015-16 Capital Budget and 2016-20 Five-Year Capital Improvement Program.

Notes: (1) The 2015-16 Capital Projects include items with cost in excess of \$2 million. According to the Master Agreements, process related projects costing more than \$2 million should be allocated to treatment parameters based on engineering design. If an engineering study becomes necessary and it results in a different cost allocation to the Agencies, the appropriate credit or charge will be made.

TABLE 3

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
ALLOCATION OF CAPITAL COSTS  
FISCAL YEAR 2015-16

AGENCY	FLOW \$	BOD \$	SS \$	NH3 \$	TOTAL \$	PERCENT SHARE OF TOTAL COST
San Jose	59,495,600	12,144,700	7,267,200	3,896,000	82,803,500	66.586%
Santa Clara	12,532,600	2,558,000	1,530,800	820,700	17,442,100	14.026%
Subtotal	72,028,200	14,702,700	8,798,000	4,716,700	100,245,600	80.612%
West Valley S.D.	6,390,700	902,800	578,300	324,600	8,196,400	6.591%
Cupertino	4,289,000	518,600	347,000	262,400	5,417,000	4.356%
Milpitas	7,785,900	860,500	553,400	327,100	9,526,900	7.661%
C.S.D. No. 2-3	536,000	63,400	42,300	31,100	672,800	.541%
Burbank	218,900	26,100	18,700	33,600	297,300	.239%
TOTAL	91,248,700	17,074,100	10,337,700	5,695,500	124,356,000	100.000%

Note: Total Capital Costs of \$124,356,000 were allocated to the treatment parameters using the following percentages contained in Table 5:

FLOW	BOD	SS	NH3
73.377%	13.730%	8.313%	4.580%

The total cost for each treatment parameter is then reallocated to the agencies using the percentages contained in Table 4.

TABLE 4

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
CAPACITY ALLOCATION (1)  
FISCAL YEAR 2015-16

167 MGD PLANT

AGENCY		FLOW		BOD		SS		NH3	
		MGD	%	Klbs/Day	%	Klbs/Day	%	Klbs/Day	%
San Jose (2)	82.601%	108.886	65.201%	384.832	71.132%	341.713	70.311%	33.931	68.409%
Santa Clara (2)	17.399%	22.936	13.734%	81.061	14.984%	71.978	14.810%	7.147	14.409%
Subtotal	100.000%	131.822	78.935%	465.893	86.116%	413.691	85.121%	41.078	82.818%
West Valley S.D. (3) & (5)		11.697	7.004%	28.611	5.289%	27.173	5.591%	2.825	5.696%
Cupertino (6)		7.850	4.701%	16.419	3.035%	16.299	3.354%	2.287	4.611%
Milpitas (5) (6)		14.250	8.533%	27.249	5.037%	25.990	5.348%	2.847	5.740%
C.S.D. No. 2-3 (4)		0.981	0.587%	2.013	0.372%	1.994	0.410%	0.266	0.536%
Burbank		0.400	0.240%	0.815	0.151%	0.853	0.176%	0.297	0.599%
TOTAL (1)		167.000	100.000%	541.000	100.000%	486.000	100.000%	49.600	100.000%

(1) SOURCE: Master Agreements for wastewater treatment between San Jose/Santa Clara and Agencies (Revised 9/85).

(2) San Jose and Santa Clara share cost and capacity between themselves proportionally based on assessed valuations in accordance with their 1959 Agreement.

(3) Reflects transfers of West Valley S.D. capacities to San Jose & Santa Clara resulting from annexations and detachments.

(4) Agency's estimated discharge capacity as reported in its FY 2015-16 Revenue Program Report.

(5) Reflects sale of capacities from West Valley S.D. to Milpitas - July 1, 2006

(6) Reflects sale of capacities from Cupertino to Milpitas - January 1, 2009



TABLE 5

SAN JOSE/SANTA CLARA WATER POLLUTION CONTROL PLANT  
SUMMARY of DISTRIBUTION of CAPITAL COST to PARAMETERS

FACILITIES		FLOW	BOD	SS	NH3	TOTAL
Primary & Secondary	Percent	42.441%	38.726%	18.833%	0.000%	100%
	Cost	\$26,176,800	\$23,885,400	\$11,615,800	\$0	\$61,678,000
AWTF	Percent	74.111%	1.343%	1.451%	23.095%	100%
	Cost	\$49,149,000	\$890,600	\$962,300	\$15,316,200	\$66,318,100
Inter. Term Improvements	Percent	25.125%	42.190%	26.185%	6.500%	100%
	Cost	\$21,741,100	\$36,507,100	\$22,657,900	\$5,624,100	\$86,530,200
First Stage Expansion	Percent	84.284%	5.501%	10.215%	0.000%	100%
	Cost	\$22,900,000	\$1,494,500	\$2,775,500	\$0	\$27,170,000
South Bay Water Recycling (phases 1A & 1B)	Percent	100.000%	0.000%	0.000%	0.000%	100%
	Cost	\$215,535,300	\$0	\$0	\$0	\$215,535,300
Total Original Cost	Percent	73.377%	13.730%	8.313%	4.580%	100%
	Cost	\$335,502,200	\$62,777,600	\$38,011,500	\$20,940,300	\$457,231,600
Estimated Replacement Cost (June 2014) (1)	(2)Percent	73.377%	13.730%	8.313%	4.580%	100%
	Cost	\$1,099,579,000	\$205,748,600	\$124,573,100	\$68,632,800	\$1,498,533,500

(1) The original cost of the facilities was escalated to June 2014 replacement value using the ENR (San Francisco) construction cost index. The June 2014 value is the current value of 'excess pooled capacity' contained in the Master Agreements for wastewater treatment between San Jose/Santa Clara and Agencies.

(2) These are the percentages used to allocate the current year capital costs to treatment parameters.

**ATTACHMENT II**  
**CITY OF SAN JOSE**  
**ENVIRONMENTAL SERVICES DEPARTMENT**  
**SAN JOSE/SANTA CLARA**  
**WATER POLLUTION CONTROL PLANT**

**STATE REVOLVING FUND LOAN REPAYMENTS**  
**FISCAL YEAR 2015-16**

Loan No.	Total Loan Amount	Debt Service 100.000%	San Jose 69.225%	Santa Clara 15.409%	West Valley 8.448%	Cupertino (2) 5.081%	Milpitas (2) 0.486%	CSD 2-3 1.092%	Burbank 0.259%
110	\$ 7,523,850	\$ 451,433	\$ 312,504	\$ 69,561	\$ 38,137	\$ 22,937	\$ 2,194	\$ 4,930	\$ 1,169
120	\$ 4,899,379	\$ 309,436	\$ 214,207	\$ 47,681	\$ 26,141	\$ 15,722	\$ 1,504	\$ 3,379	\$ 801
130	\$ 5,250,994	\$ 331,643	\$ 229,580	\$ 51,103	\$ 28,017	\$ 16,851	\$ 1,612	\$ 3,622	\$ 859
140	\$ 3,111,638	\$ 186,699	\$ 129,242	\$ 28,768	\$ 15,772	\$ 9,486	\$ 907	\$ 2,039	\$ 484
150	\$ 12,630,523	\$ 757,834	\$ 524,611	\$ 116,775	\$ 64,022	\$ 38,506	\$ 3,683	\$ 8,276	\$ 1,963
160	\$ 11,778,763	\$ 706,729	\$ 489,233	\$ 108,900	\$ 59,704	\$ 35,909	\$ 3,435	\$ 7,717	\$ 1,830
170	\$ 8,732,841	\$ 523,973	\$ 362,720	\$ 80,739	\$ 44,265	\$ 26,623	\$ 2,547	\$ 5,722	\$ 1,357
180	\$ 4,532,364	\$ 271,943	\$ 188,253	\$ 41,904	\$ 22,974	\$ 13,817	\$ 1,322	\$ 2,970	\$ 704
190	\$ 3,009,808	\$ 180,589	\$ 125,013	\$ 27,827	\$ 15,256	\$ 9,176	\$ 878	\$ 1,972	\$ 468
310	\$ 6,443,637	\$ 386,620	\$ 267,638	\$ 59,574	\$ 32,662	\$ 19,644	\$ 1,879	\$ 4,222	\$ 1,001
320	\$ 5,652,221	\$ 356,984	\$ 247,122	\$ 55,008	\$ 30,158	\$ 18,138	\$ 1,735	\$ 3,898	\$ 925
<b>Totals</b>	<b>\$ 73,566,018</b>	<b>\$ 4,463,883</b>	<b>\$ 3,090,123</b>	<b>\$ 687,840</b>	<b>\$ 377,109</b>	<b>\$ 226,810</b>	<b>\$ 21,694</b>	<b>\$ 48,746</b>	<b>\$ 11,561</b>

(1) Agencies' share of annual debt service will be invoiced twice a year, one-half in October and one-half in April.

(2) Milpitas assumes 0.486% of the debt service payment on and after its capacity purchase from Cupertino on January 1, 2009.