



BURBANK SANITARY DISTRICT

PUBLIC HEARING TO CONSIDER SANITARY SEWER SERVICES RATE INCREASES FOR 5 YEARS, FISCAL YEARS 2015-2021

**PUBLIC HEARING
June 16, 2015**





BURBANK SANITARY DISTRICT

- Burbank Sanitary District (BSD) was formed in 1940
- The District serves an unincorporated pocket within City of San Jose mainly from Forest Avenue south to Parkmoor Avenue and from Bascom Avenue east to Richmond Avenue
- BSD serves approximately 1,000 properties with a population of 4,926
- The flow is conveyed to the San Jose/Santa Clara Water Pollution Control Plant (approximately 10 miles away)





BURBANK SANITARY DISTRICT (BSD) SERVICES

- Garbage services collection
- Street sweeping services
- Sanitary sewer collection and treatment services

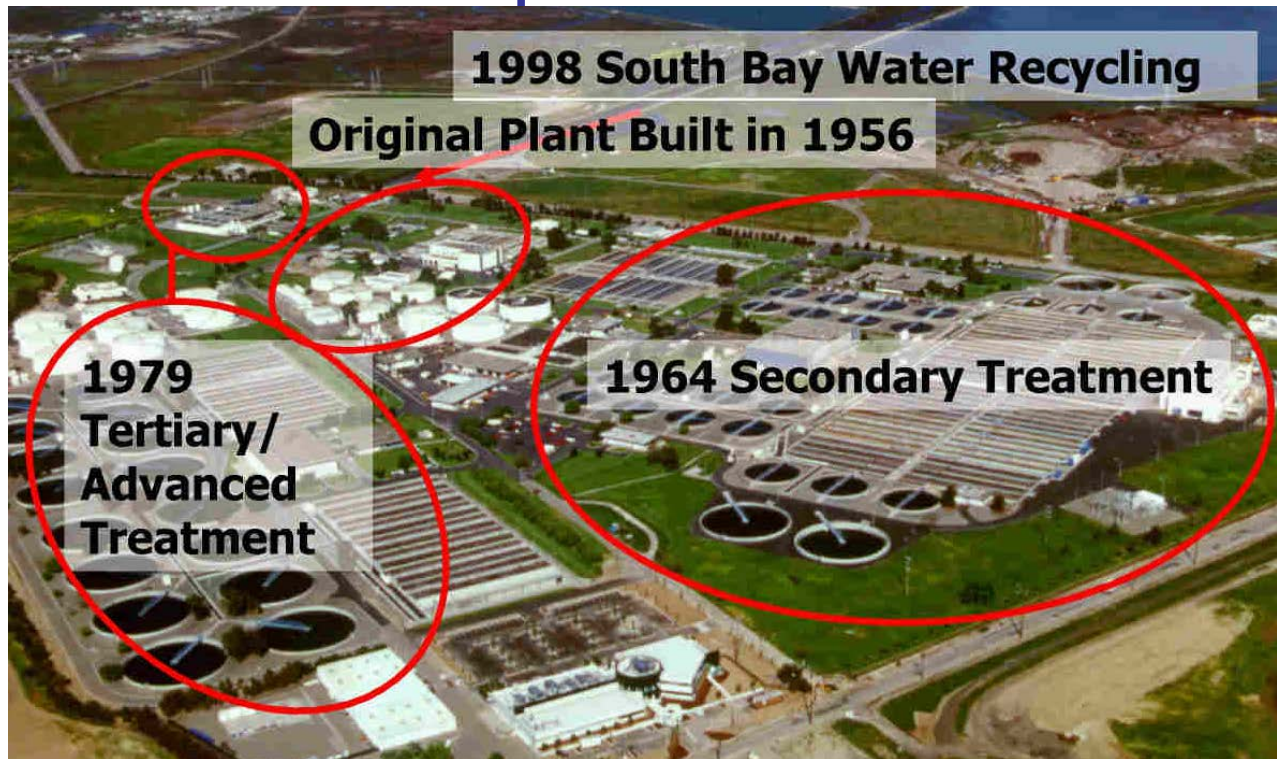


SANITARY SERVICES

- Respond to residents' inquiries and assist in locating cleanouts, backflow devices, and laterals
- Respond to sanitary sewer overflows/stoppages
- Maintain & repair mains and lower laterals
- Implement District capital improvement projects
- Coordinate with the State Board and Federal Regulatory Agencies
- Work with City of San Jose for District's use of the San Jose/Santa Clara Water Pollution Control Plant



San Jose-Santa Clara Treatment Improvements



- Plant was constructed in the 1956, upgraded in 1964 and 1979
- Plant is undertaking a major 30-year Rehabilitation Program
- Proposed Treatment Plant costs are estimated at \$2.1 billion



COST BREAKDOWN OF 10-YEAR CAPITAL IMPROVEMENTS FOR THE TREATMENT PLANT - FY 2016 THROUGH 2025

Tributary Discharger	%	Cost Share of \$1,324,640,631
City of San Jose	67.97%	\$900,380,034
City of Santa Clara	13.81%	\$182,993,139
City of Milpitas	6.93%	\$91,732,407
West Valley Sanitation District	6.34%	\$83,942,060
Cupertino Sanitary District	4.13%	\$54,754,366
County Sanitation District 2-3	0.58%	\$7,682,188
Burbank Sanitary District	0.24%	\$3,156,438



Discharge improvements to the Bay



Digesters and bio-solid disposal



Improvements to water and air quality



Mechanical/Electrical equipment improvements

Current Biosolids Management



Odor Impacts of Reduced Lagoons and Drying Beds Operations



- In order to meet RWF odor goal, less than 25% of lagoons and drying beds could remain in service without any other modifications



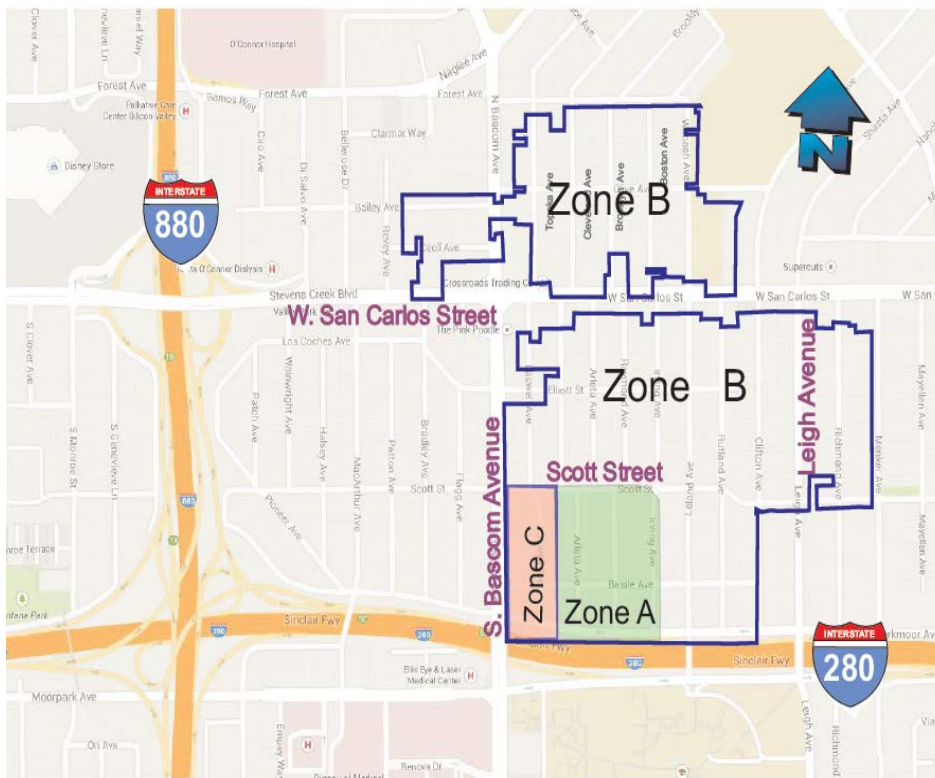
DISTRICT CIP CHRONOLOGY

ITEM	Date Completed
Condition Assessment completed initial 10 year CIP strategy	July 10, 2014
First Public Outreach presentation	November 10, 2014
Zone A additional investigation	
- Easement letters sent	January 9, 2015
- Field inspection	February 18, 2015
- Mapping	March 15, 2015
- Preliminary engineering	April 21, 2015
- Present CIP strategy	June 1, 2015



DISTRICT CAPITAL PROJECTS

There are **3** types of rehabilitations: Zone A, Zone B, and Zone C



— Burbank Sanitary District Boundary

- **Zone A** (located between Scott Street and I-280) will require all sewer mains to be fully replaced. Most sewer mains are located in the backyards between two properties; therefore, they are difficult to replace. District is considering pipe busting to rehabilitate.
- **Zone B** is all other portions of the District north of Zone A and will require spot repairs. Sewer mains in Zone B are located in the street.
- **Zone C** is the potential commercial redevelopment (formally part of Zone A) that will require full sewer replacement in the backyards/alley.



ZONES A & C REHABILITATION STRATEGY

- Construction method: Pipe Bursting
- Cost: \$1,400,000
- Construction Implementation Strategy:
 - In third year, one construction package with financing
or
 - Staggered 3rd, 5th and 7th year, pay as you go





ZONE B REHABILITATION

- Construction methods:
 - Total spots to be repaired: 125
 - 581 feet of pipe replacement on Cleveland Avenue
- Total cost: \$1,876,000



ALTERNATIVE 1

10 YEAR CIP IMPLEMENTATION

YEAR	ZONE	LOCATON	DESCRIPTION	COST
1	B	Arleta Ave, Irving Ave	20 spot repairs	\$246,000
2	B	Leland Avenue	16 spot repairs	\$253,000
3	A/C	All Streets, includes Scott St	Pipe Bursting	\$1,400,000
4	B	Boston Avenue, Bailey Avenue	15 Spot repairs	\$246,000
5	B	Cleveland Avenue	4 Spot repairs + Replacement	\$285,000
6	B	Bailey Avenue, Laswell Avenue, Richmond Avenue, Brooklyn	31 Spot repairs	\$330,000
7	B	Rutland Avenue, Vaughn Avenue	12 Spot repairs	\$174,000
8	B	Bascom Avenue, Wabash Avenue, Leigh Avenue	11 Spot repairs	\$137,000
9	B	Cecil Avenue, Clifton Avenue , Raymond Avenue	9 Spot repairs	\$141,000
10	B	Forest Avenue, Arleta Avenue	3 Spot repairs	\$51,000

Total Cost = \$3,276,000

Third Year, One construction Package for Zones A and C and finance \$1,000,000



ALTERNATIVE 2

10 YEAR CIP IMPLEMENTATION

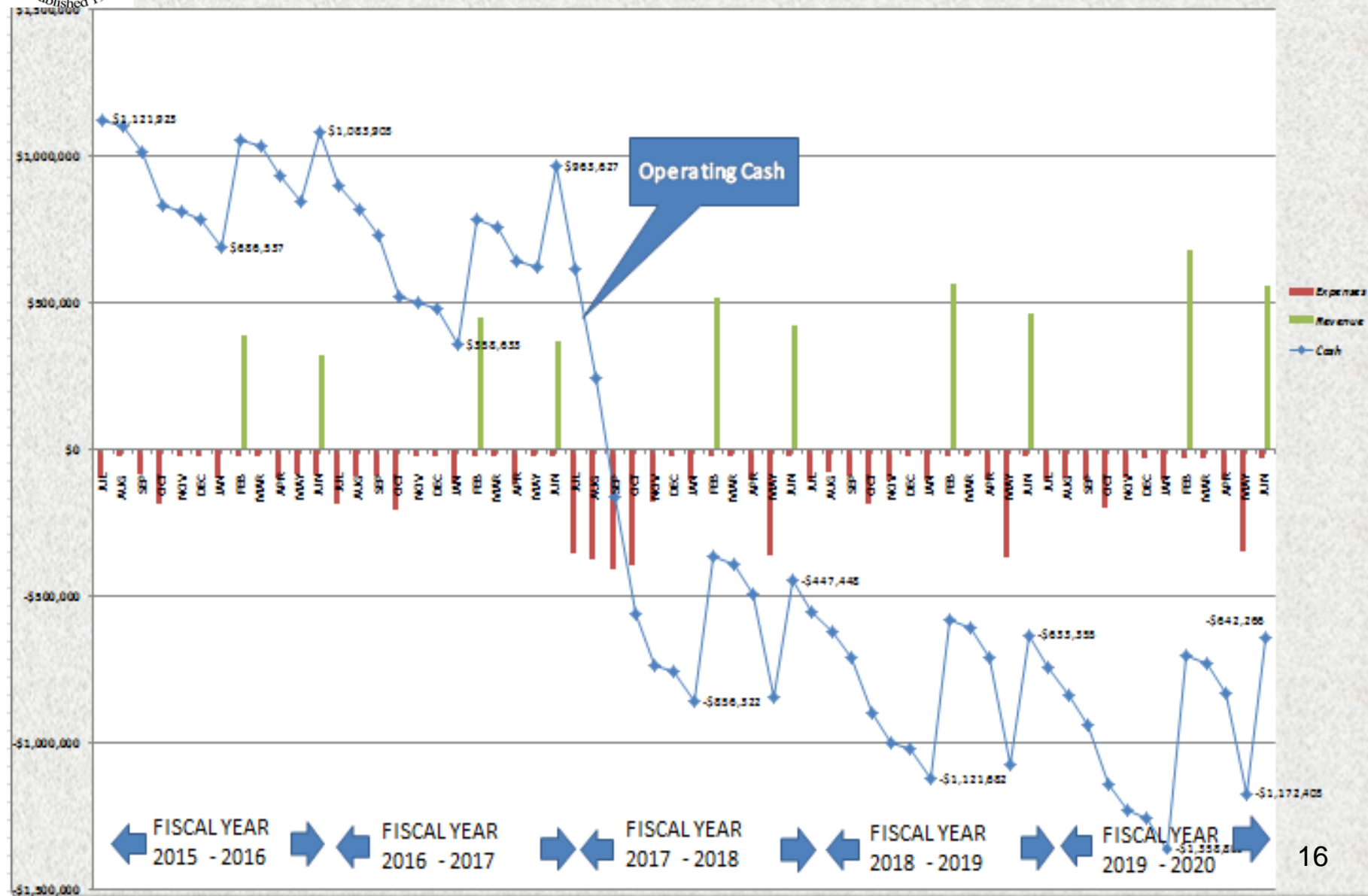
YEAR	ZONE	LOCATON	DESCRIPTION	COST
1	B	Arleta Ave, Irving Ave	20 spot repairs	\$246,000
2	B	Leland Ave	27 spot repairs	\$253,000
3	A	Easement between Laswell Ave and Arleta Ave, portion of easement between Arleta Ave and Raymond Ave, Scott St	1/3 Pipe Bursting	\$450,000
4	B	Boston Ave, Bailey Ave	15 spot repairs	\$246,000
5	A	Portion of easement between Arleta Ave and Raymond Ave, portion of easement between Raymond Ave and Irving Ave	1/3 Pipe Bursting	\$450,000
6	B	Cleveland Ave, Brooklyn Ave	15 Spot repairs + Replacement	\$449,000
7	A/C	Portion of easement between Raymond Ave and Irving Ave, easement between Bascom Ave and Laswell Ave	1/3 Pipe Bursting	\$500,000
8	B	Bailey Ave, Laswell Ave, Richmond Ave	20 Spot repairs	\$166,000
9	B	Rutland Ave, Vaughn Ave, Bascom Ave, Wabash Ave, Leigh Ave	23 Spot repairs	\$301,000
10	B	Cecil Ave, Clifton Ave, Raymond Ave, Forest Ave, Arleta Ave	12 Spot repairs	\$192,000

Total Cost = \$3,276,000

Zones A and C divided into 3 construction packages 3rd, 5th and 7th year.

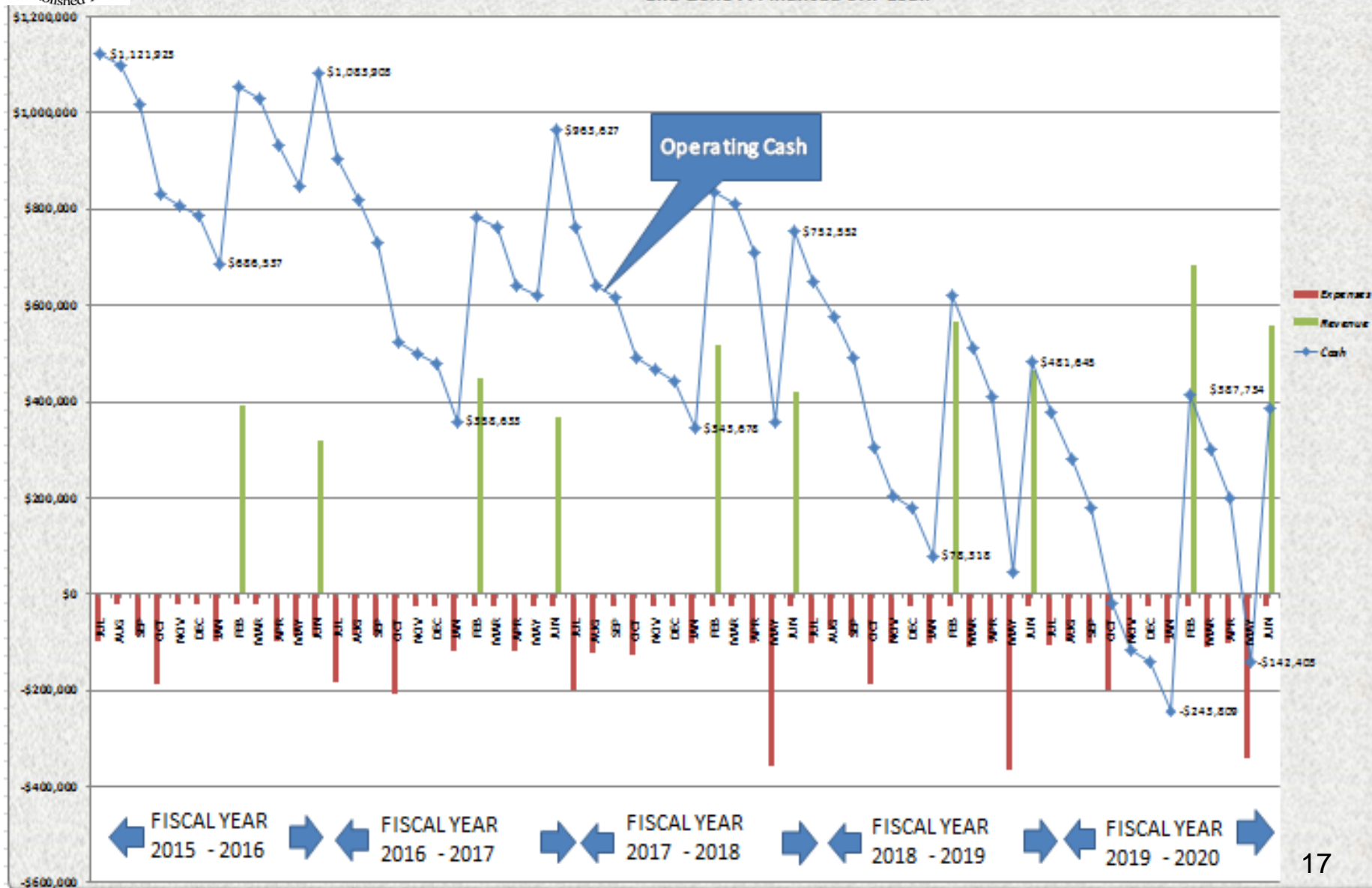


Burbank Sanitary District
Alternative 1A - Rate Study 15% increase for 5 years Maximum CP Finance/No Bond
and Zone A Cash at \$1.4 Million





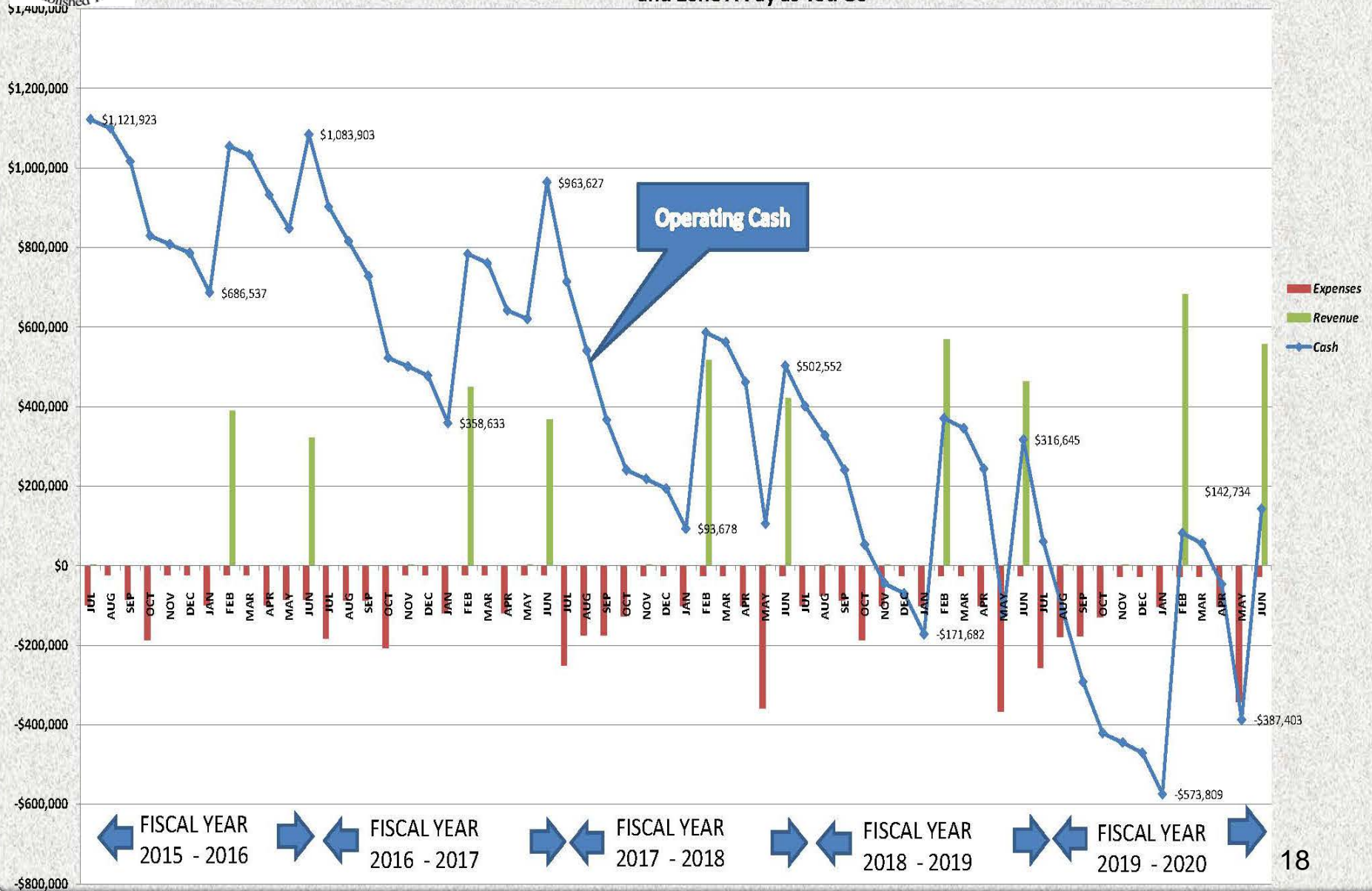
Burbank Sanitary District Alternative 1B - Rate Study 15% increase for 5 years Maximum CP Finance/No Bond and Zone A Financed SRF Loan





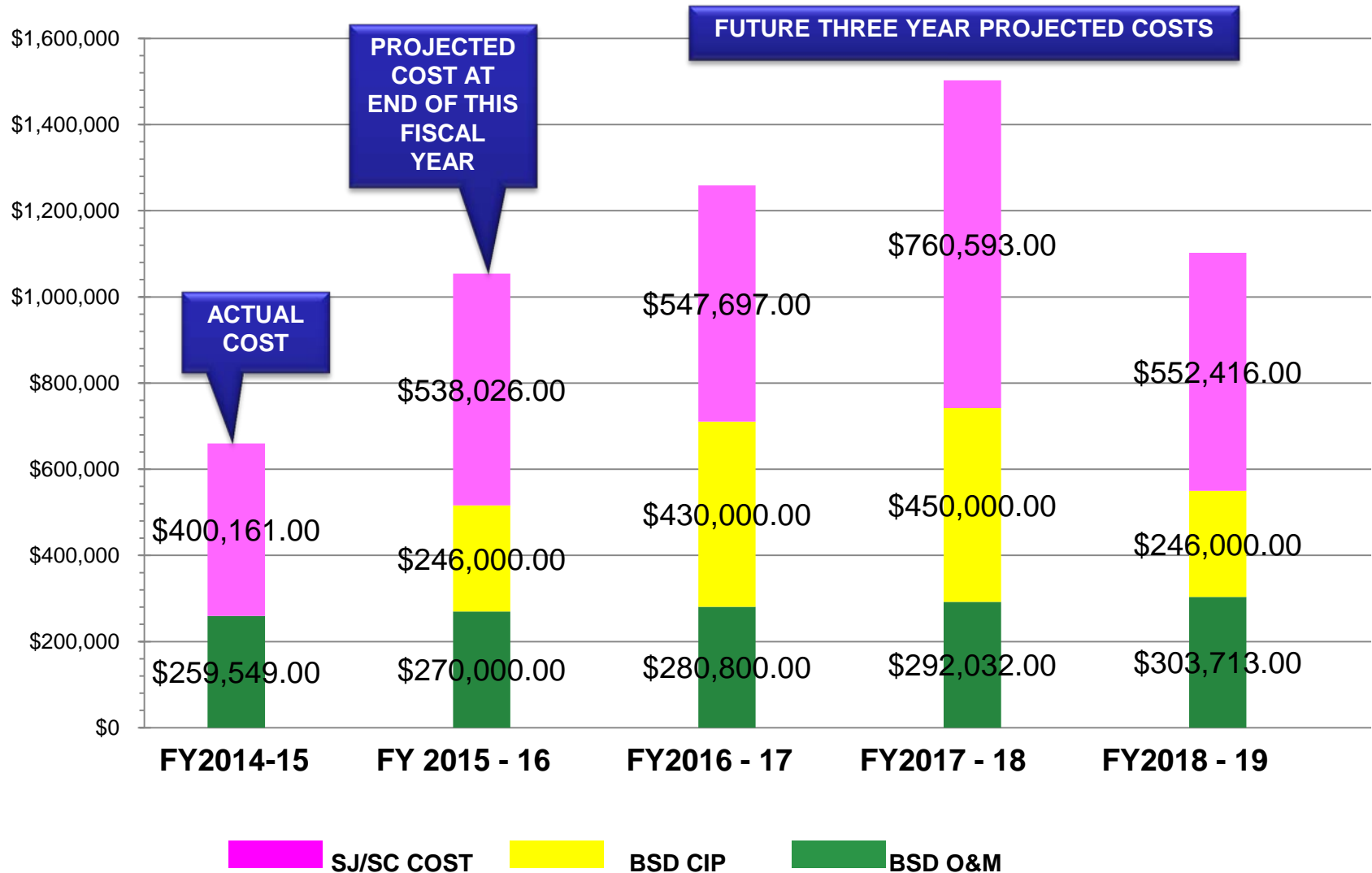
Burbank Sanitary District

Alternative 2 - Rate Study 15% increase for 5 years Maximum CP Finance/No Bond and Zone A Pay as You Go



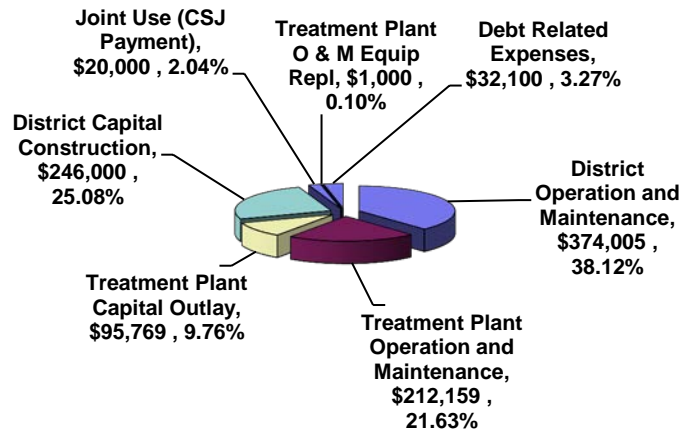


PROJECTED EXPENSES FOR BSD



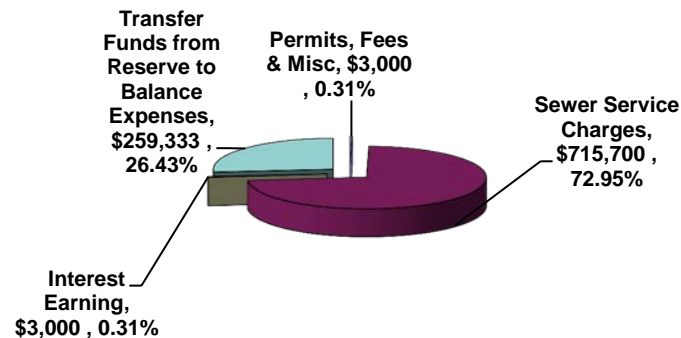


Expenses for District's Operations FY 2015 - 2016



Total Projected Expenses - \$981,033

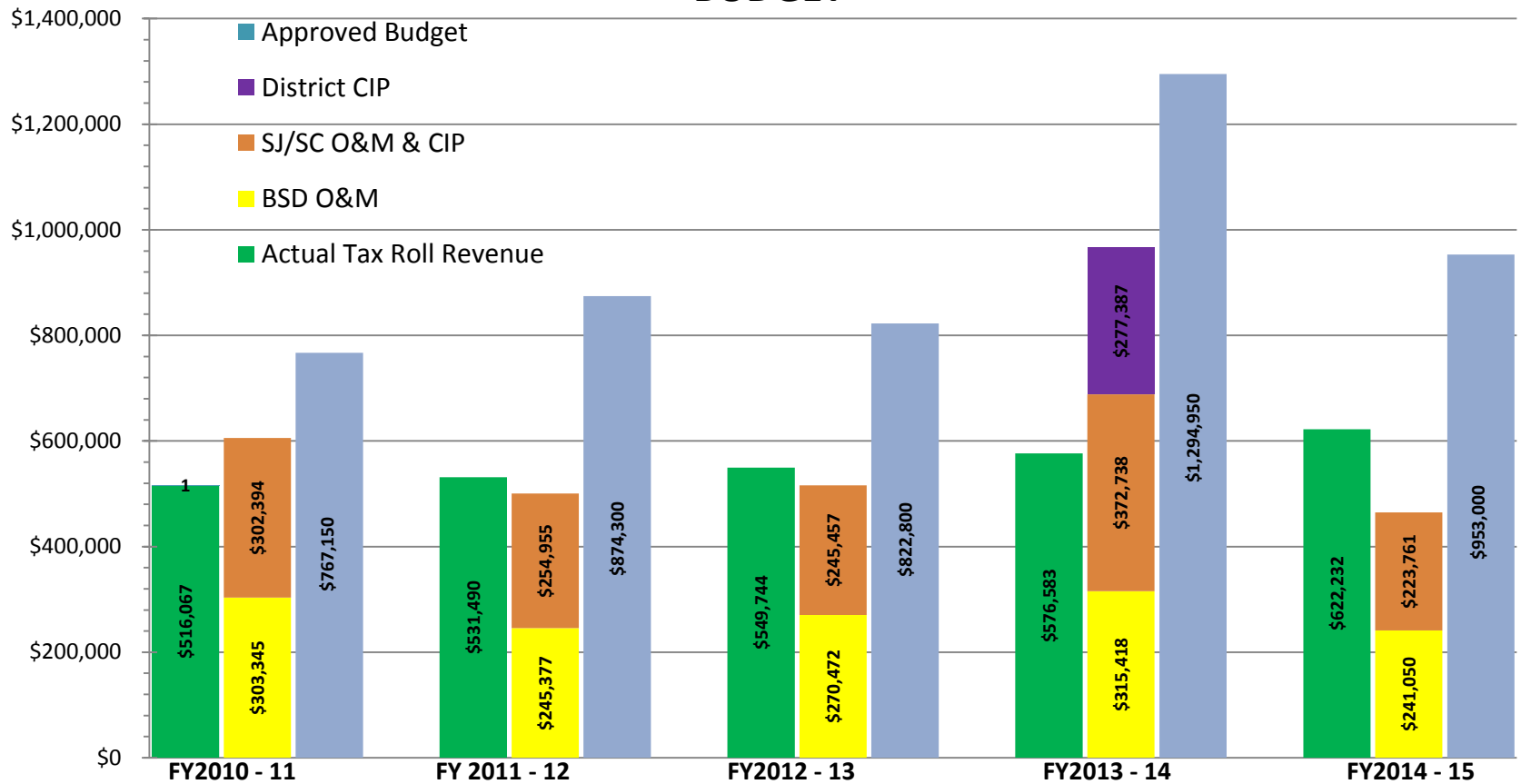
Revenue for District's Operations FY 2015 - 2016



Projected Revenue	\$721,700
Reserve Fund	\$259,333
<hr/>	
Total Funds Required To Balance Expenses	\$981,033



LAST FIVE YEAR COMPARISON ACTUAL REVENUES, EXPENSES AND BUDGET



Actual Rev
Actual Exp
Approved
Budget

Actual Rev
Actual Exp
Approved
Budget

Actual Rev
Actual Exp
Approved
Budget

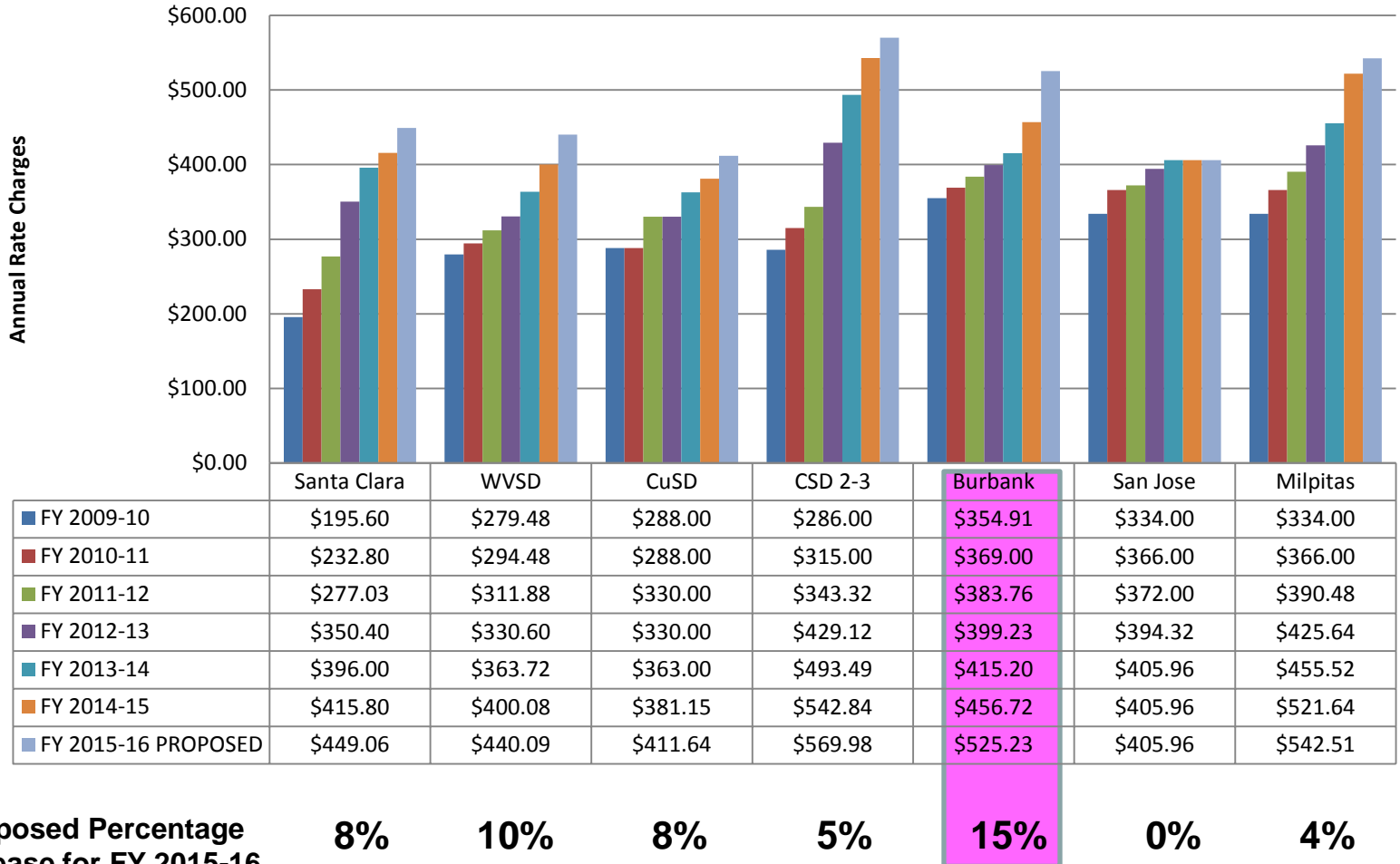
Actual Rev
Actual Exp
Approved
Budget

Actual Rev
Actual Exp
Approved
Budget

FY14-15
Estimated thru
June 30, 2015

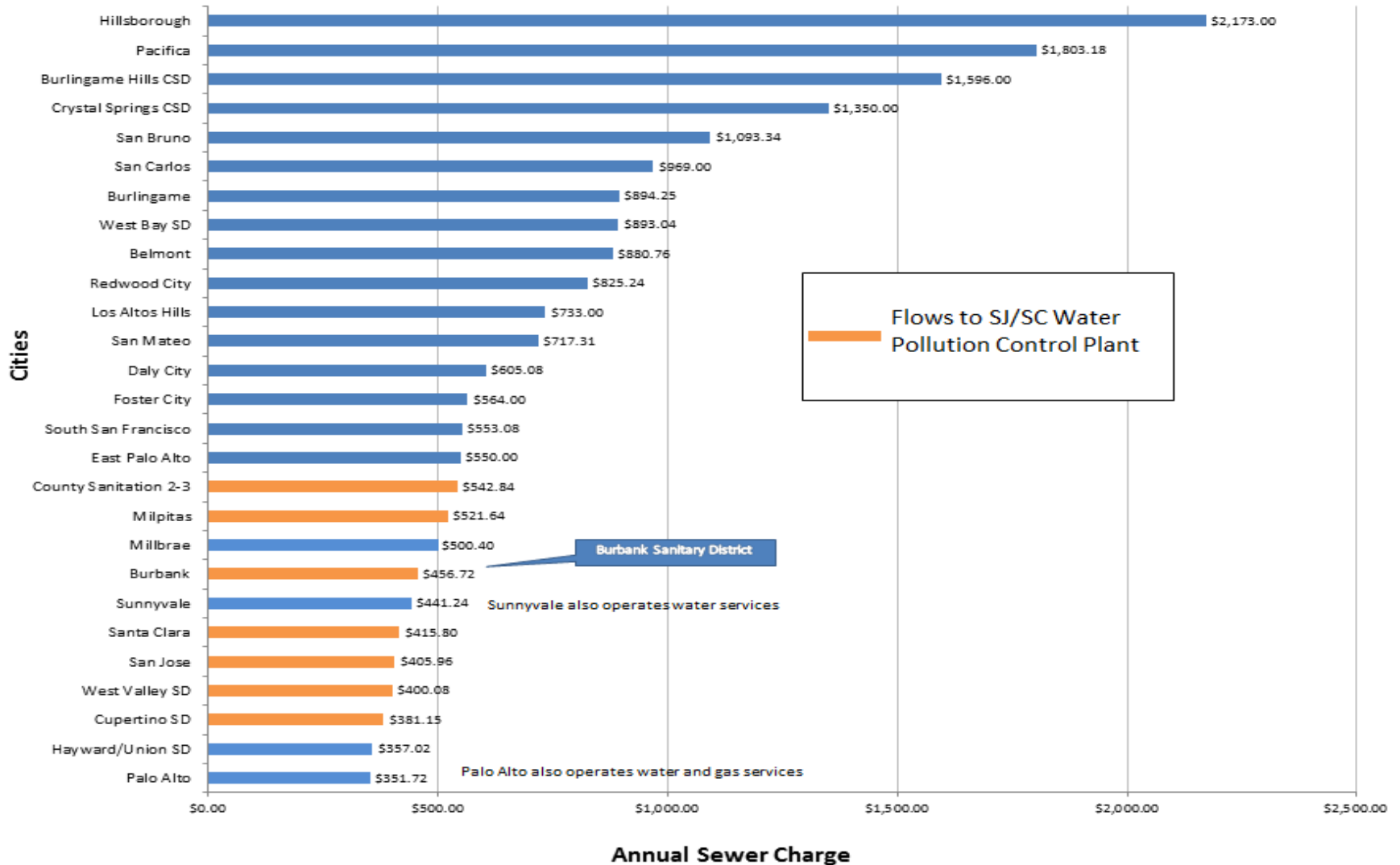


San Jose-Santa Clara Treatment Plant Agency Single Family Residential Rates





Regional Single Family Residential Sewer Charges as of May 29, 2015





RATE INCREASE NEEDED TO . . .

- Continue to pay City of San Jose for the Treatment Plant cost
- Maintain current level of District operations and maintenance
- Increase BSD capital project program to be in compliance with Sewer System Management Plan (SSMP).
- Repair infrastructure, as over 85% of the District's sanitary sewer pipes and laterals were constructed in the 1950's, and most pipes are beyond the expected useful life.



Current District Rates Versus Proposed Rates

Type of Services	Current Rates	Proposed Rates for FY 2015-2016
Residential Per Unit (Single Family/Townhouse/Condo)	\$456.72/Year \$38.06/Month	\$525.24/Year \$43.77/Month
Residential Multiple Per Unit (Duplex/Apartment)	\$259.68/Year \$21.64/Month	\$298.68/Year \$24.89/Month
Commercial Properties	\$3.15/HCF \$327.36/Year Minimum	\$3.62/HCF \$376.44/Year Minimum
Restaurant	\$8.39/HCF \$1,368.36/Year Minimum	\$9.65/HCF \$1,573.56/Year Minimum
Garage	\$3.66/HCF \$1,298.64/Year Minimum	\$4.21/HCF \$1,493.40/Year Minimum

- HCF - Hundred Cubic Feet



QUESTIONS AND CONTACT INFORMATION

BOARD OF DIRECTORS

Michelle Kaelker-Boor – President

Keri Russo – Secretary

Rebecca Yoder – Director

Ken Colson – Director

Rene Prupes – Director

STAFF

Richard K. Tanaka

District Manager - Engineer

(Mark Thomas & Company, Inc.)

Questions or further suggestions please write to the District office at:

20863 Stevens Creek Blvd

Cupertino, CA 95014

Or please feel free to call us at or visit:

408-253-7863

<http://www.burbanksanitary.org/>