# FY 2018 Proposed Operating and Capital Budget Board Work Study Sessions

April 26, 27, & 28, 2017



# **Presentation Outline**

### 1. Budget Overview

- Budget Goals
- Board Priorities
- Budget Development & Review Process
- Proposed Budget
- Trend Data
- Financial Sustainability
- Debt Service
- Reserves

### 2. Board Goal Area Presentation

- Water Utility
- Watersheds
- Administration

### 3. Next Steps

# **Budget Goals**

- 1. Meet Board's Ends and Executive Limitations
- 2. Ensure future financial sustainability
- 3. Deliver balanced budget
- 4. Realize efficiencies/cost savings
- 5. Demonstrate fiscal accountability and value to customers
- 6. Address Board priorities

# **FY 2018 Board Priorities**

	Priority	Water Utility	Watersheds	Administration
1	Make key decisions regarding the California WaterFix	$\rightarrow$		
2	Prioritize the care of our <b>District</b> facilities and assets			
3	Advance the District's interest in <b>Countywide storm water</b> resource planning	$\rightarrow$		
4	Provide for a watershed-wide regulatory planning and permitting effort	$\rightarrow$		
5	Foster a coordinated approach to environmental stewardship efforts		$\rightarrow$	

# FY 2018 Board Priorities, cont.

	Priority	Water Utility	Watersheds	Administration
6	Advance the <b>Anderson Dam</b> Seismic Retrofit Project	$\Rightarrow$		
7	Advance recycled and purified water efforts with San José & other agencies	$\Rightarrow$		
8	Finalize the <b>Fisheries and Aquatic Habitat</b> Collaborative Effort (FAHCE)	$\bigstar$		
9	Actively pursue efforts to increase water storage opportunities	$\bigstar$		
10	Advance diversity and inclusion efforts	$\rightarrow$	$\Rightarrow$	$\Rightarrow$
11	Coyote Creek flood response			

# **Budget Development & Review Process**

# Integrate/Align All Budget Components

- Long-Term Forecast
- Budget Development & Review Process
- Groundwater Production Charge Process
- Capital Improvement Program Plan
- Board/Public Engagement

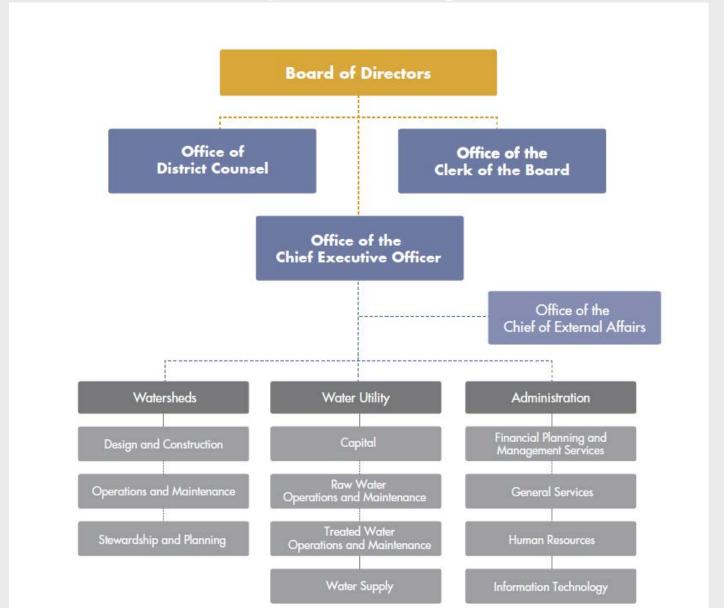
# **Budget Development & Review Process – cont.**

# **Budget Development Strategies**

- Set Limits
- Conduct multiple reviews
  - 1. Executive Review Committee (ERC process)
  - 2. Incorporate Board direction
  - Open sessions review allowing public to provide input (CIP, Rates and Budget) in addition to special sessions on Groundwater rate setting process

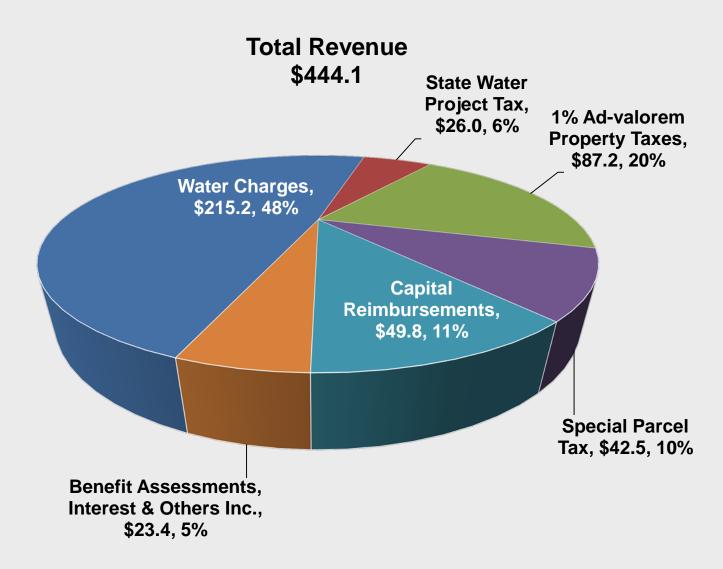
# **FY 2018 Proposed Budget**

### Santa Clara Valley Water District Organization Chart



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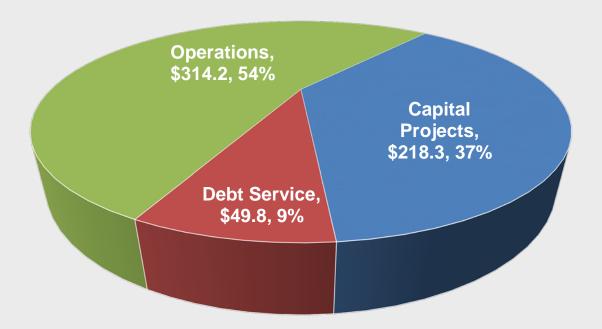
(\$ in millions)



FY 2018 Major Revenue Sources: Proposed				
Total Water Charge Revenue  •Proposed increase of 9.6% for North County •Proposed increase of 6.4% for South County	\$215.2 million			
Property Tax (1% Ad-valorem)	\$87.2 million			

(\$ in millions)

# Total FY 2018 Proposed Budget by Category \$582.3



Net FY 2018 Proposed Budget: \$501.0

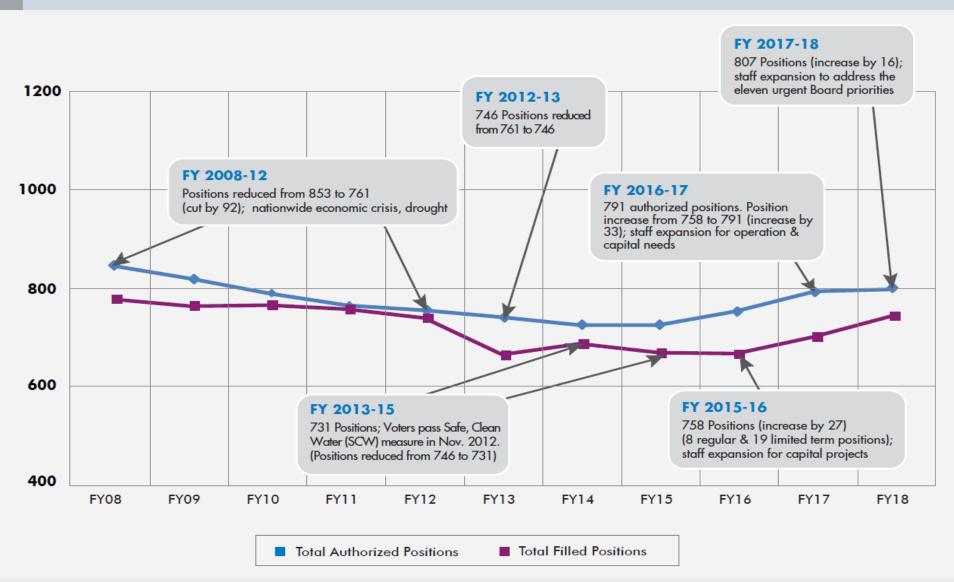
(net with \$81.3 Intra-District Charges)

(\$ in millions)

### **Top Ten FY 2018 Proposed Capital Projects**

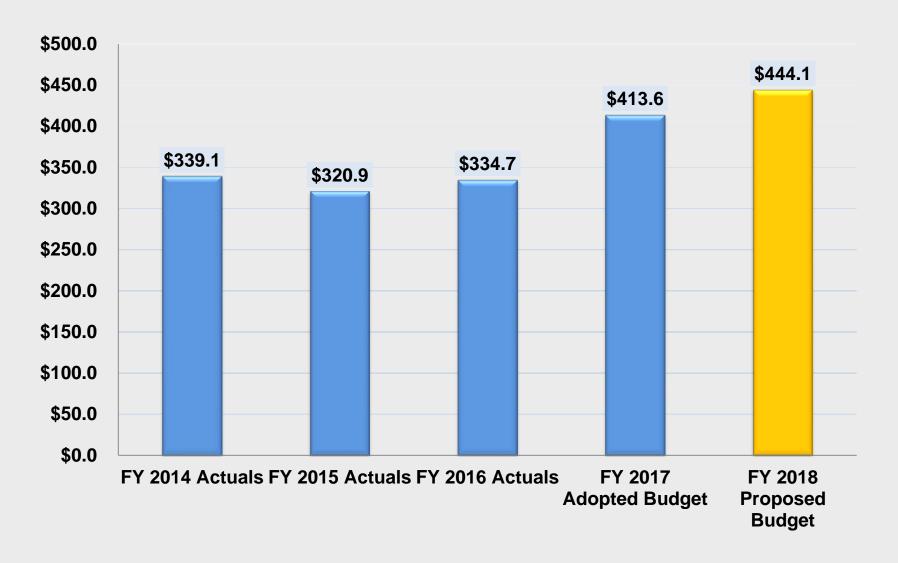
Fund	Project Description	FY 201 Propos	
61	Rinconada WTP Reliability Improvement	\$ 4	8.1
61	Rinconada WTP FRP Residuals Management	\$ 1	7.1
26	Permanente Creek, Bay-Foothill CSC	\$ 1	6.9
61	10-Yr PL Inspection and Rehabilitation	\$ 1	6.0
26	Main/Madrone PL Restoration	\$ 1	4.6
61	Anderson Dam Seismic Retrofit	\$	7.9
26	San Francisquito Early Implementation	\$	7.3
73	ERP PeopleSoft Upgrade	\$	7.3
12	Watersheds Asset Rehabilitation Program	\$	6.8
26	Guadalupe Rv-Upr, SPRR-BH 7-12	\$	6.5
	TOTAL	\$14	8.5

# Trend Data: District Staffing FY 2008 - 2018



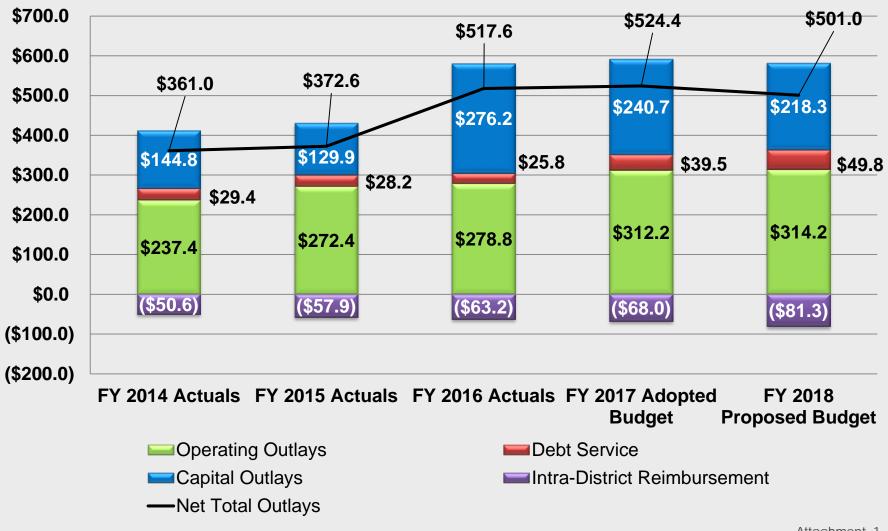
# Trend Data, cont.: Five-Year Revenue Comparison

(\$ in millions)



# Trend Data, cont.: Five-Year Outlay Comparison

(\$ in millions)



(\$ in millions)

### **Salaries and Benefits**

	FY 2014 Actuals		FY 2016 Actuals	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/(Under) FY 2017 Adopted
Salaries-Regular						
Employee	\$76.5	\$78.6	\$82.2	\$92.8	\$97.8	\$5.0↑
Benefits	\$40.8	\$39.7	\$40.4	\$49.0	\$51.5	\$2.5↑
TOTAL	\$117.3	\$118.3	\$122.6	\$141.8	\$149.3	<b>\$7.5</b> ↑
Salary Savings				(\$5.0)	(\$4.1)	(\$0.9)↓
NET TOTAL	\$117.3	\$118.3	\$122.6	\$136.8	\$145.2	<b>\$8.4</b> ↑

(\$ in millions)

### **Overtime**

	FY 2014 Actuals		FY 2016 Actuals	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/(Under) FY 2017 Adopted
Operating Outlays	\$1.1	\$1.4	\$2.3	\$1.6	\$2.0	\$0.4↑
Capital Projects	\$0.1	\$0.3	\$0.3	\$0.3	\$0.6	\$0.3↑
TOTAL	\$1.2	\$1.7	\$2.6	\$1.9	\$2.6	\$0.7↑

### **Variance Drivers**

Operating Outlays:	General Accounting for anticipated PeopleSoft Upgrade	\$0.1↑
	Watersheds Sediment Removal	\$0.1↑
	Penitencia Water Treatment Plant General Operations	\$0.1↑
	Rinconada Water Treatment Plant General Maintenance	\$0.1↑
	Subtotal	\$0.4↑
	Rinconada Water Treatment Plant Reliability	
Capital Projects:	Improvement	\$0.3↑

(\$ in millions)

**Services & Supplies** 

		FY 2015 Actuals			FY 2018 Proposed Budget	Over/(Under) FY 2017 Adopted
Operating						
Outlays	\$101.2	\$130.5	\$131.1	\$151.4	\$139.0	(\$12.4)↓
Debt Service	\$27.9	\$0.0	\$0.9	\$2.0	\$2.2	\$0.2↑
Capital Projects	\$110.5	\$95.2	\$234.8	\$193.7	\$163.8	(\$29.9)↓
TOTAL	\$239.6	\$225.7	\$366.8	\$347.1	\$305.0	(\$42.1)↓

### **Variance Drivers**

Operating	State Water Project Costs	(\$6.1)↓
Outlays:	Imported Water San Felipe Division Deliveries	(\$5.8)↓
	Imported Water Program	(\$3.9)↓
	Watersheds Maintenance Guideline Update	(\$1.7)↓
	Imported Water South Bay Aqueduct Deliveries	\$1.2↑
	Watersheds Sediment Removal	\$1.6↑
	2017 President's Day Flood	\$2.3↑
	Subtotal	(\$12.4)↓
		Attachment 1

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**Variance Drivers** 

(\$ in millions)

Temporary Staffing and Student Interns

	FY 2014 Actuals	FY 2015 Actuals	FY 2016 Actuals	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/(Under) FY 2017 Adopted
Operating Outlays	\$3.1	\$3.6	\$4.0	\$4.1	\$4.3	\$0.2↑
Capital Projects	\$1.0	\$0.9	\$0.8	\$1.2	\$1.1	(\$0.1)↓
TOTAL	\$4.1	\$4.5	\$4.8	\$5.3	\$5.4	\$0.1↑

Operating		
Outlavs:	Contract Services- backfill during the PeopleSoft Upgrade	\$0.1↑

Intership Program - Summer Intern, Skill Trade, & High

School Intern \$0.1↑
Subtotal \$0.2↑

Silicon Valley Advanced Water Purification Center

Capital Projects: Expansion Project (\$0.1)↓

(\$ in millions)

### **Consultants**

	FY 2014 Actuals	FY 2015 Actuals	FY 2016 Actuals	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/(Under) FY 2017 Adopted
Operating Outlays	\$8.5	\$15.1	\$11.4	\$15.4	\$17.6	\$2.2↑
Capital Projects	\$36.3	\$40.6	\$46.8	\$48.0	\$55.6	\$7.6↑
TOTAL	\$44.8	\$55.7	\$58.2	\$63.4	\$73.2	<b>\$9.8</b> ↑

### **Variance Drivers**

	Subtotal	\$2.2↑	
Outlays:	Recycled & Purified Water Program	\$1.6↑	
	2017 President's Day Flood	\$1.3↑	
	Guadalupe River Mitigation and Monitoring	\$0.5↑	
	Watersheds Customer Relations & Outreach	\$0.3↑	
	Talent Management	\$0.3↑	
Operating	Watersheds Maintenance Guideline Update	(\$1.8)↓	
VARIANCE BITTOIC			

### (\$ in millions)

### **Consultants - continued**

onsultants continued			
Capital Projects:	Silicon Valley Advanced Water Purification Center Expansion Project	(\$3.5)↓	
	'	(ψυ.υ)↓	
	Guadalupe Dam Seismic Retrofit Design		
	&Construction	(\$3.4)↓	
	Purified Water Pipeline	(\$2.6)↓	
	Upper Llagas Creek, Non-reimburse E6a	\$3.0↑	
	Rinconada Water Treatment Plant Facility Renewal		
	Program Residuals Management	\$3.5↑	
	ERP PeopleSoft Upgrade	\$4.2↑	
	Anderson Dam Seismic Retrofit	\$6.4↑	
	Subtotal	\$7.6↑	

# **Financial Sustainability**

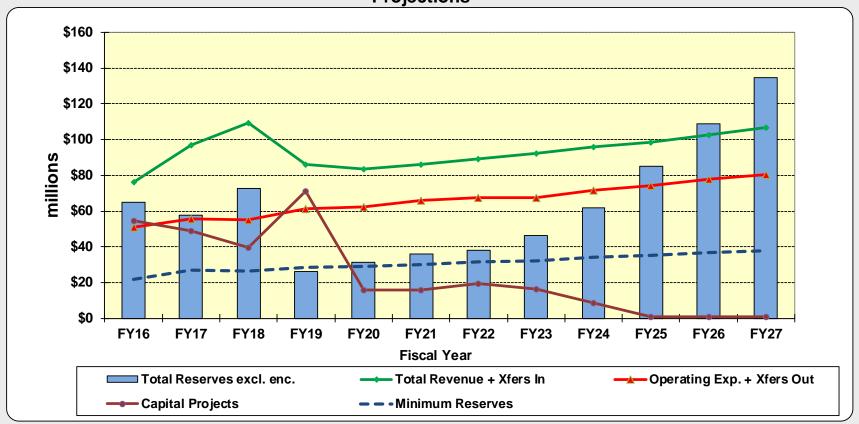
### **Characteristics**

- Reserves projected at or above minimum per policy
- Groundwater Production Charges stable and smooth year to year
- Debt Service Coverage Ratio maintained at roughly 2X
- Revenue supports expenditures

(\$ in millions)

### **Watershed Stream Stewardship Fund**

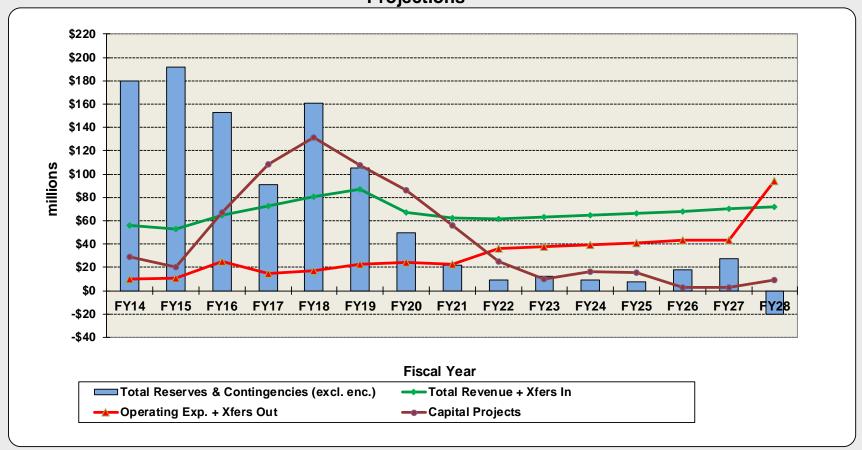




(\$ in millions)

### Safe, Clean Water Fund

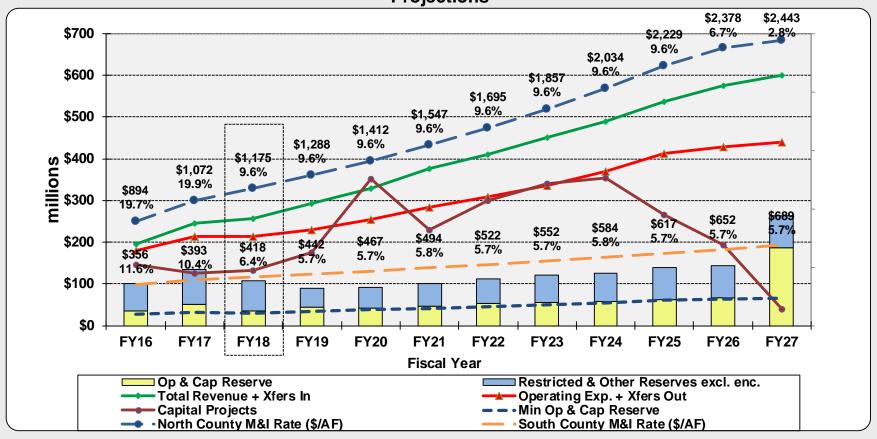
**Projections** 



(\$ in millions)

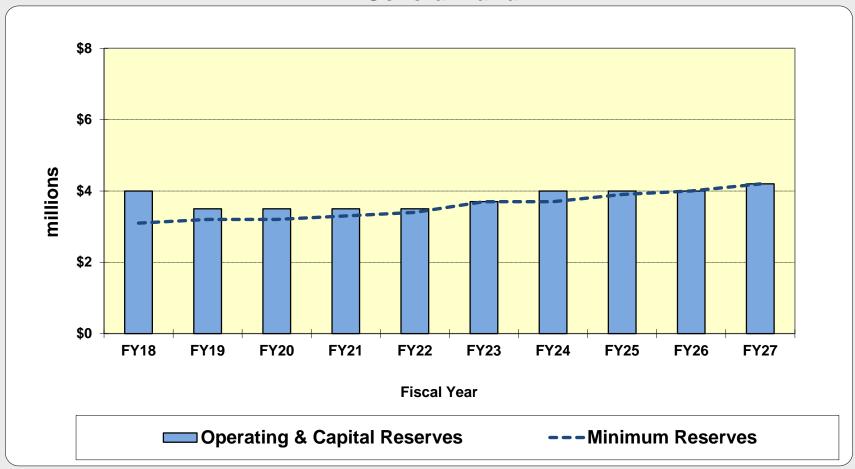
### **Water Utility Enterprise Fund**

**Projections** 



(\$ in millions)

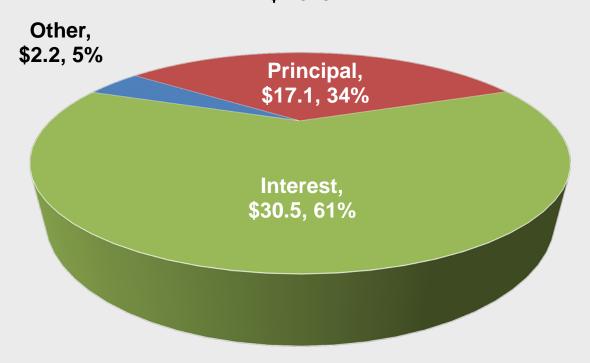
### **General Fund**



# **Debt Service**

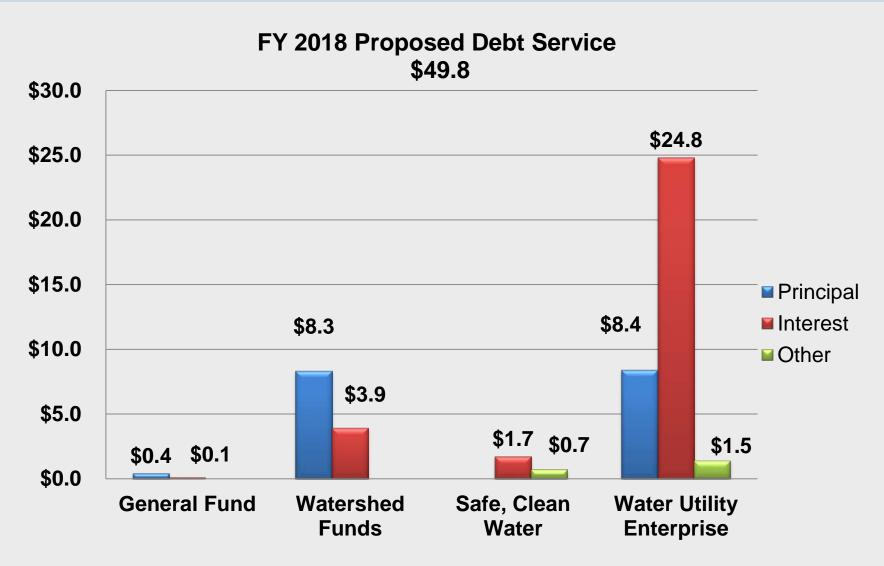
(\$ in millions)

FY 2018 Proposed Debt Service \$49.8



### **Debt Service – cont.**

(\$ in millions)



### Debt Service – cont.

(\$ in millions)

### Total FY 2018 New Debt Financing: \$202.0

### Water Utility:

\$62.0 new debt proceeds

### Key Capital Projects funded in FY 2018

- Rinconada Reliability Improvement
- Rinconada Facility Renewal Program
   Residuals Management Modification
- Anderson Dam Seismic Retrofit
- ➤ 10-Year Pipeline Rehabilitation

### Safe, Clean Water:

\$140.0 new debt proceeds

### Key Capital Projects funded in FY 2018

- Guadalupe River
- Llagas Creek
- Sunnyvale East and West Channels
- Main/Madrone Pipeline Restoration

### Reserves

Regulated by District Reserve Policies and Bond Covenants

### Board Governance Policies

- ➤ EL 4.5 Budget reserves at or above reserve policy minimums
- ➤ EL 4.6 At least annually present the Board with information about the District's financial reserves and schedule an opportunity for the public to comment thereon

# Restricted Reserves – Externally enforceable legal restrictions

- Imposed by law through constitutional provisions or enabling legislation
- Imposed by creditors, grantors, contributors or laws and regulations of other governments

# Committed Reserves – Self-imposed limitations

➤ Imposed by the Board of Directors and requires formal action by the Board to change or remove

(\$ in millions)

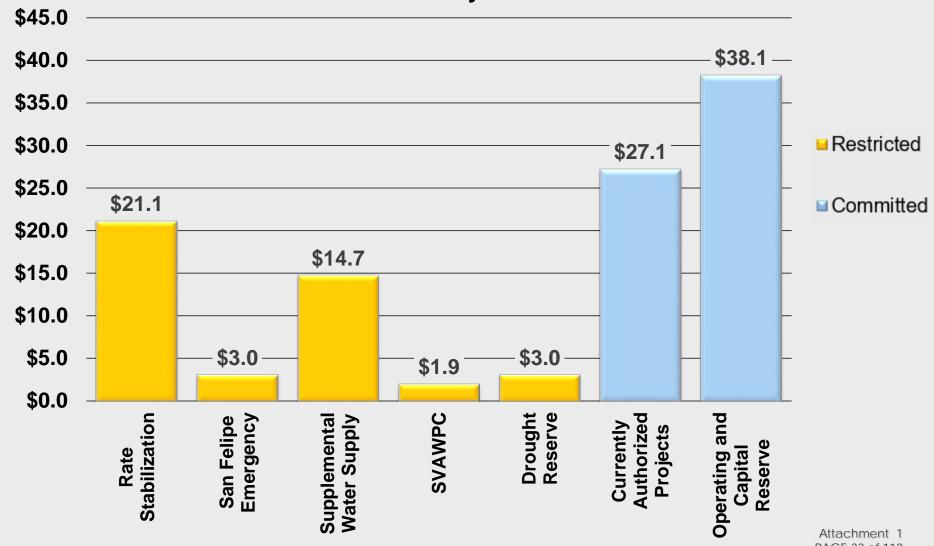




WUE: Water Utility Enterprise, WSS: Watershed Stream Stewardship SCW: Safe, Clean Water, GF: General Fund, ISFs: Internal Service Funds

(\$ in millions)





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(\$ in millions)

- > Risk Fund Reserves, \$11.7
- Workers' Compensation, \$5.7
  - Workers compensation claims
  - > Funding is 90% actuarial confidence
- > Property Self Insurance/Catastrophic, \$6.0
  - Uninsured/uninsurable property losses
  - Current policy states reserve budget will be \$5M adjusted for outstanding reimbursements
  - Staff proposal would revise policy to state minimum is \$5M
  - Proposed FY 2018 budget would increase reserve to \$6M due to President's Day Flood

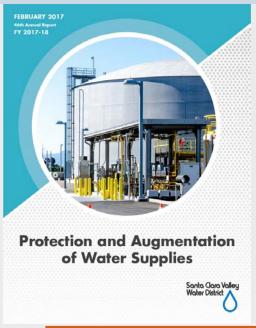
# Water Utility Enterprise

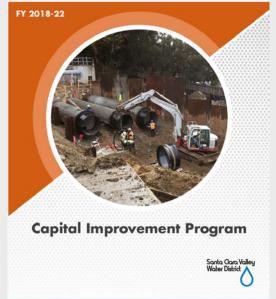
Santa Clara Valley Water District

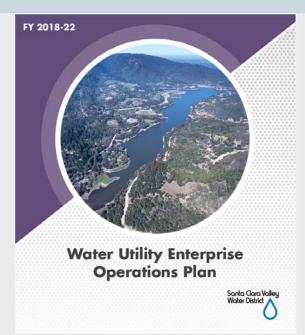
# Water Utility Enterprise (WUE) Outline

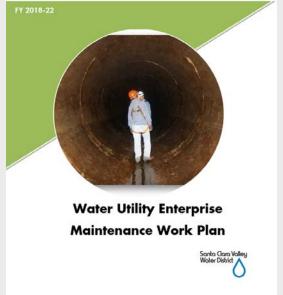
- Overview of Water Utility Enterprise
- >WUE Revenue Sources
- >WUE FY 2018 Proposed Budget
- >WUE Outlook

## **WUE Planning Documents**





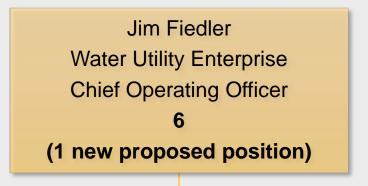




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## **WUE Organizational Chart**

Total Proposed Position Count for Water Utility Enterprise in FY 2018: 335 (includes 3 new proposed positions)



Water Utility Capital
Division
Katherine Oven
Deputy Officer
97

Treated Water O&M
Division
Angela Cheung
Deputy Officer
101

Water Supply Division
Garth Hall
Deputy Officer
57
(1 new proposed position)

Raw Water O&M Division
Kurt Arends
Deputy Officer
74
(1 new proposed position)

## Comprehensive, Flexible Water System



### Safe, Reliable Groundwater Supplies

#### **Benefits**

- Reliable, healthy and clean drinking water
- Diverse water supply sources
- Protected and sustained water resources
- Maximized water conservation and recycling

#### Replenish the groundwater basin

- Operate and maintain local reservoirs to capture water and fill recharge ponds.
- Purchase imported water.

#### Ensure safe drinking water

- Monitor and protect groundwater from pollutants.
- Ensure proper construction and destruction of wells.

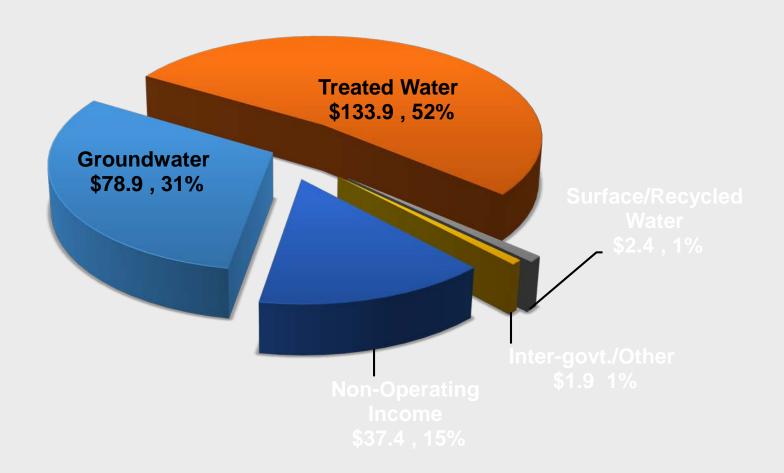
#### Construct, maintain and repair

- Plan and construct improvements to infrastructure such as dams, pipelines, ponds, treatment plants and pump stations.
- Operate and maintain pipelines and pumping plants to help sustain the groundwater aquifer.

#### Water Utility Enterprise FY 2018 Revenue Sources

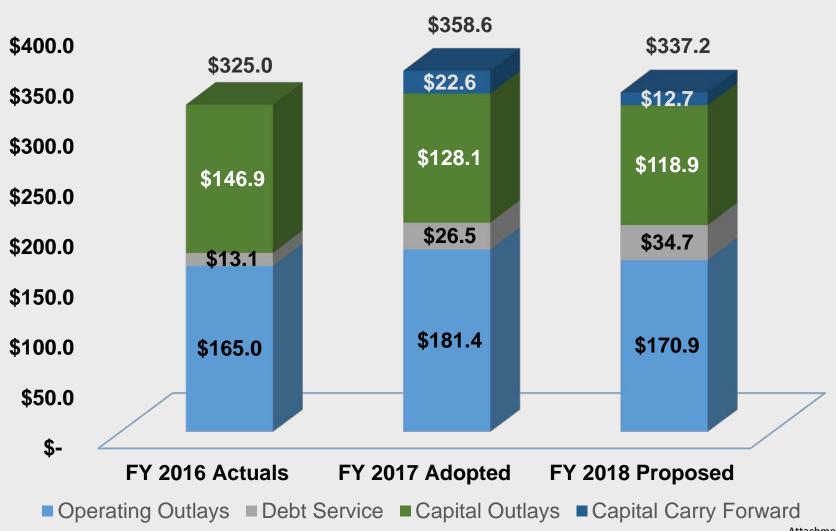
(\$ in millions)

#### **Total WUE Revenue = \$254.5**



## FY 2018 Proposed Budget Outlays

(\$ in millions)

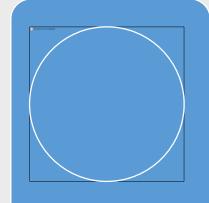


#### FY 2018 Proposed Budget vs. FY 2017 Adopted Budget

(\$ in millions)

Water Enterprise and State Water Project Funds	Ad	2017 FY 2018 opted Proposed udget Budget		Over/Under FY 2017 Adopted	% Change	
Operating	\$	181.4	\$	170.9	(\$10.5)	(6%)↓
Capital Projects	\$	128.1	\$	118.9	(\$9.2)	(7%)↓
Carry Forward Capital Projects	\$	22.6	\$	12.7	(\$9.9)	(44%)↓
Debt Service	\$	26.5	\$	34.7	\$8.2	31%↑
TOTAL		\$358.6		\$337.2	(\$21.4)	(6%)↓

## Water Utility Enterprise (WUE) Goal Areas



**Source of Supply** 



Raw Water
Transmission
and Distribution



Water
Treatment and
Treated Water
Transmission
and Distribution



Support Services/ Planning

## Priority 1: Make key decisions regarding the California WaterFix



# Priority 3: Advance the District's interest in countywide stormwater resource planning

## FY 2018 Objectives

- ➤ Incorporate Board-approved stormwater opportunities into the 2017 Water Supply Master Plan
- ➤ Participate in development of the draft Santa Clara

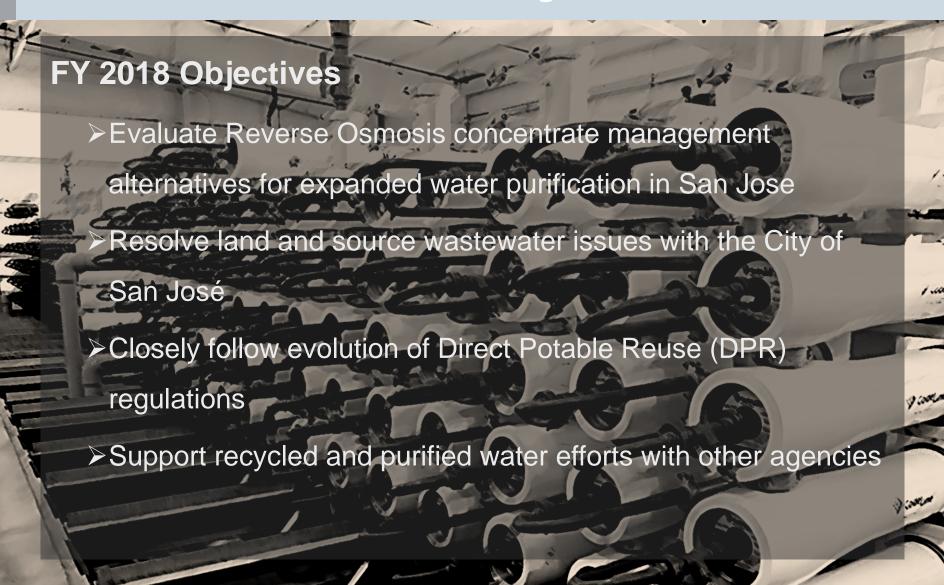
  Basin Storm Water Resources Plan
- Explore partnership opportunities with other agencies in both north and south county

# Priority 6: Advance the Anderson Dam Seismic Retrofit Project

## **FY 2018 Objectives**

- ➤ Complete 60% design.
- ➤ Release Draft Environmental Impact Report for public review.
- >Hold two public meetings to inform the community on project progress.

# Priority 7: Advance recycled and purified water efforts with San José & other agencies



# Priority 8: Finalize Fisheries and Aquatic Habitat Collaboration Effort (FAHCE)

### **FY 2018 Objectives**

- Finalize Fish Habitat Restoration Plan/EIR
- ➤ Begin Biological Monitoring
- ➤ Continue the Water Rights Change Petition Process
- ➤ Plan for renewal and application of Lake and Streambed Alteration Agreements

## Priority 9: Actively pursue efforts to increase water storage opportunities

#### FY 2018 Objectives

- ➤ Work with partners to submit Proposition 1 Water Storage Investment Program funding applications
- ➤ Prioritize investment opportunities based on water supply reliability benefits, costs, and other objectives
- ➤ Incorporate Board-approved storage opportunities into the 2017 Water Supply Master Plan

## **WUE Total Outlays by Goal Areas**

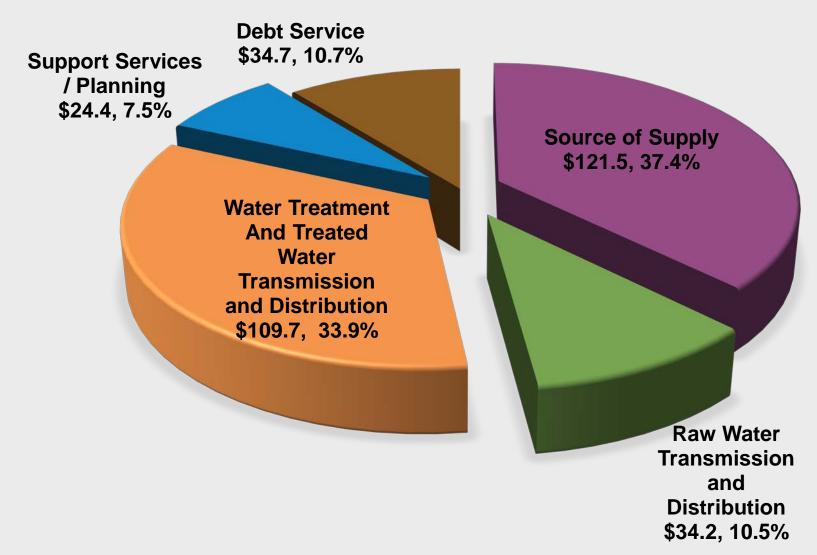
(\$ in millions)

Water Enterprise and State Water Project Funds by Goal	FY 2017 Adopted Budget		FY 2018 Proposed Budget		Over/Under FY 2017 Adopted	% Change
Source of Supply	\$	161.6	\$	121.5	(\$40.1)	(25%)↓
Raw Water Transmission and Distribution	\$	34.7	\$	34.2	(\$0.5)	(1%)↓
Water Treatment and Treated Water Transmission and						, , ,
Distribution	\$	92.0	\$	109.7	\$17.7	19%↑
Support Services / Planning	\$	21.2	\$	24.4	\$3.2	15%↑
Debt Service	\$	26.5	\$	34.7	\$8.2	31%↑
TOTAL		\$336.0		\$324.5	(\$11.5)	(3%)↓

### WUE Total Outlays by Goal Areas

(\$ in millions)

#### **Total WUE Proposed Budget = \$324.5**



Attachment 1
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## **Source of Supply**

(\$ in millions)

#### \$121.5 (37.4% of \$324.5 Total Proposed Budget)

Source of Supply	FY 2017 Adopted Budget		FY 2018 Proposed Budget		Over/(Under) FY 2017 Adopted		% Change
Capital Outlays	\$	47.8	\$	21.8	\$	(26.0)	(54%)↓
Operating Outlays							
Imported Water	\$	76.4	\$	62.0	\$	(14.4)	(19%)↓
Recycled Water	\$	7.2	\$	6.4	\$	(0.8)	(11%)↓
Water Conservation	\$	6.7	\$	5.2	\$	(1.5)	(22%)↓
SV Advanced Water Purification	\$	5.1	\$	5.1	\$	-	%↑
Groundwater Management	\$	3.8	\$	4.0	\$	0.2	5%↑
San Felipe Division	\$	3.8	\$	4.0	\$	0.2	5%↑
Well Ordinance / Water							
Measurement & Protection	\$	3.2	\$	3.6	\$	0.4	13%↑
FAHCE/Three Creeks HCP	\$	2.1	\$	3.4	\$	1.3	62%↑
Dam Safety Program	\$	3.2	\$	3.4	\$	0.2	6%↑
Water Supply Planning & Support	\$	1.3	\$	1.6	\$	0.3	23%↑
Water Quality Protection	\$	1.0	\$	1.0	\$	-	%↑
TOTAL	\$	161.6	\$	121.5	\$	(40.1)	(25%)↓

#### **Raw Water Transmission & Distribution**

(\$ in millions)

#### \$34.2 (10.5% of \$324.5 Total Proposed Budget)

Raw Water Transmission & Distribution	ļ	FY 2017 Adopted Budget	P	FY 2018 Proposed Budget	er/(Under) FY 2017 Adopted	% Change
Capital Outlays	\$	24.2	\$	23.8	\$ (0.4)	(2%)↓
Operating Outlays						
Raw Water Ops & Maintenance	\$	5.8	\$	5.6	\$ (0.2)	(3%)↓
Recharge/Raw Water	\$	4.7	\$	4.8	\$ 0.1	2%↑
TOTAL	\$	34.7	\$	34.2	\$ (0.5)	(1%)↓

## Water Treatment and Treated Water Transmission and Distribution

(\$ in millions)

#### \$109.7 (33.9% of \$324.5 Total Proposed Budget)

Water Treatment and Treated Water Transmission and Distribution	Ad	2017 opted udget	P	TY 2018 roposed Budget	er/(Under) FY 2017 Adopted	% Change
Capital Outlays	\$	52.9	\$	68.7	\$ 15.8	30%↑
Operating Outlays						
Rinconada WTP Operations	\$	10.9	\$	10.9	\$ -	%↑
Penitencia WTP Operations	\$	6.8	\$	8.4	\$ 1.6	24%↑
Santa Teresa WTP Operations	\$	8.4	\$	8.2	\$ (0.2)	(2%)↓
Water Treatment Plant Maintenance	\$	6.5	\$	6.9	\$ 0.4	6%↑
Water Quality Lab	\$	4.3	\$	4.7	\$ 0.4	9%↑
Campbell Well Field & SF/SCVWD						
Intertie/SCADA/Other	\$	2.2	\$	1.9	\$ (0.3)	(14%)↓
TOTAL	\$	92.0	\$	109.7	\$ 17.7	19%↑

## **Support Services / Planning**

(\$ in millions)

#### **\$24.4 (7.5% of \$324.5 Total Proposed Budget)**

Support Services / Planning	Α	Y 2017 dopted Budget	Pr	Y 2018 oposed Budget	F	er/(Under) Y 2017 Adopted	% Change
Capital Outlays	\$	3.1	\$	4.6	\$	1.5	48%↑
Operating Outlays							
Administration	\$	8.7	\$	8.6	\$	(0.1)	(1%)↓
WU Projects supporting other goal	\$	3.8	\$	4.4	\$	0.6	16%↑
areas							
Water Measurement & Revenue	\$	1.7	\$	2.1	\$	0.4	24%↑
Infrastructure and Support	\$	2.0	\$	2.0	\$	-	%↑
Long term Planning and Support	\$	1.0	\$	1.6	\$	0.6	60%↑
Emergency Preparedness	\$	0.9	\$	1.1	\$	0.2	22%↑
TOTAL	\$	21.2	\$	24.4	\$	3.2	15%↑

### **Debt Service**

#### (\$ in millions)

#### \$34.7 (10.7% of \$324.5 Total Proposed Budget)

Debt Service	FY 2017 Adopted Budget		FY 2018 Proposed Budget		Over/(Under) FY 2017 Adopted		% Change
Long Term Bonds	\$	23.8	\$	29.2	\$	5.4	23%↑
Commercial Paper	\$	2.7	\$	5.5	\$	2.8	104%↑
TOTAL	\$	26.5	\$	34.7	\$	8.2	31%↑

## Water Utility Enterprise Outlook

- Support the Board in achieving the Board Budget Priorities for FY 2018:
  - Priority 1: Make key decisions regarding CA WaterFix
  - Priority 3: Advance the District's interest in countywide stormwater resource planning
  - Priority 6: Advance the Anderson Dam Seismic Retrofit project
  - Priority 7: Advance recycled and purified water efforts with San José and other agencies
  - Priority 8: Finalize the Fisheries and Aquatic Habitat Collaborative Effort (FAHCE)
  - > Priority 9: Actively pursue efforts to increase water storage opportunities

### Water Utility Enterprise Outlook - cont.

- Securing imported water supplies
- Ensuring Dam safety
- Managing infrastructure for reliability

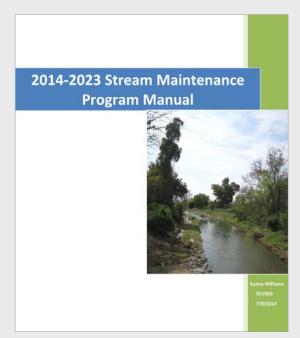
## Watersheds

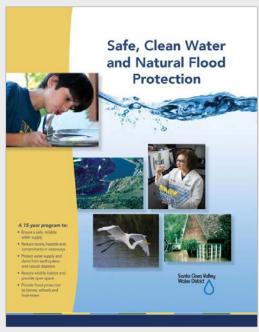
Santa Clara Valley Water District

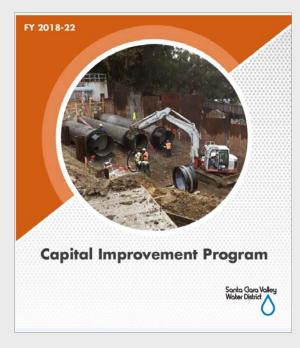
#### **Watersheds Outline**

- Overview of Watersheds (WS)
- > WS Revenue Sources
- ➤ WS FY 2018 Proposed Budget
- > WS Outlook

## **Key WS Programs**

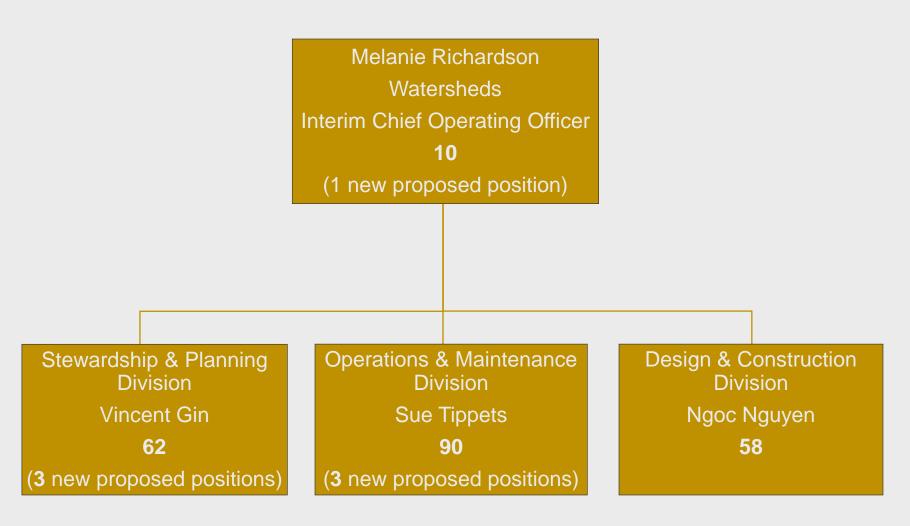






### WS Organizational Chart

Total Proposed Position Count for Watersheds in FY 2018: 220 (includes 7 new proposed positions)



## **Santa Clara County Watersheds**



1,300 square miles of watershed lands

800 miles of creeks & rivers

**5** major watershed areas

\$154.1 million budget

#### **WS Core Functions**

### **Flood Protection**

- Protect parcels in the floodplain
- Reduce flood risks
- Preserve creek capacity
- Educate and prepare the community
- Prepare/respond to flooding

## **Stewardship**

- Preserve and improve aquatic ecosystems
- Protect the environment from pollution and degradation
- Provide access to trails and open space









## FY 2018 Proposed Budget vs. FY 2017 Adopted Budget

(\$ in millions)

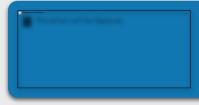
Watershed Stream Stewardship Total Outlays	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Operating Outlays	\$51.6	\$53.1	\$1.5	3%↑
Capital Projects	\$43.4	\$27.4	(\$16.0)	(37%)↓
Carry Forward Capital Projects	\$47.8	\$7.8	(\$40.0)	(84%)↓
TOTAL	\$142.8	\$88.3	(\$54.5)	(38%)↓

## FY 2018 Proposed Budget vs. FY 2017 Adopted Budget

(\$ in millions)

Safe, Clean Water Total Outlays	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Operating Outlays	\$14.2	\$17.5	\$3.3	23%↑
Capital Projects	\$49.5	\$56.1	\$6.6	13%↑
Carry Forward Capital Projects	\$92.1	\$75.3	(\$16.8)	(18%)↓
TOTAL	\$155.8	\$148.9	(\$6.9)	(4%)↓

#### **Watersheds Goal Areas**



#### **Natural Flood Protection**



#### Flood risk reduction



**Healthy Creeks and eco-systems** 



Trails and Open Space



Greenhouse gas emission reduction

#### Priority 2: Prioritize the care of District facilities & assets

- Continue to reach out to low cost housing before putting the properties on the open market
- ➤ Evaluate findings from the pilot program that uses a percentage of rental property income to address homeless encampments, and consider applying the concept to surplus property sales

# Priority 3: Advance District's interest in countywide stormwater resource planning

- Develop a Stormwater Resource Plan in coordination with Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) member agencies
- Coordinate with San José on the city's Green Infrastructure Plan and Stormdrain Master Plan
- Continue to participate in the green stormwater infrastructure effort of SCVURPPP

# Priority 4: Provide for watershed-wide regulatory planning and permitting effort

- Pursue efforts that allow:
  - Routine maintenance to bring flood protection projects back to their original capacity to be exempt from permits unless it causing environmental impacts not originally mitigated for
  - 2. Environmental restoration projects to be exempt from requiring mitigation
  - 3. Agencies alternatives and exemptions to endowments if the agencies have adopted the local or regional watershed management plan
- Continue vigorous negotiations with regulators to streamline SMP annual reporting requirements

# Priority 5: Foster a coordinated approach to environmental stewardship effort

- Establish quarterly coordinating meetings among all environmental functions within the district
- Work through Bay Area Flood Protection Agency
  Association to create a regional coordination effort
  between the CA Department of Fish and Wildlife and
  local agencies
- ➤ Support Board Priority 8, finalizing Fisheries and Aquatic Habitat Collaboration Effort (FAHCE)

# Priority 11: Immediate Emergency Action Plan and flood protection for Coyote Creek

- Develop Coyote Creek Joint Emergency Action
  Plan
- ➤ Develop short-term flood protection options prior to winter 2018
- > Develop intermediate and long-term options
- Seek state and federal funding

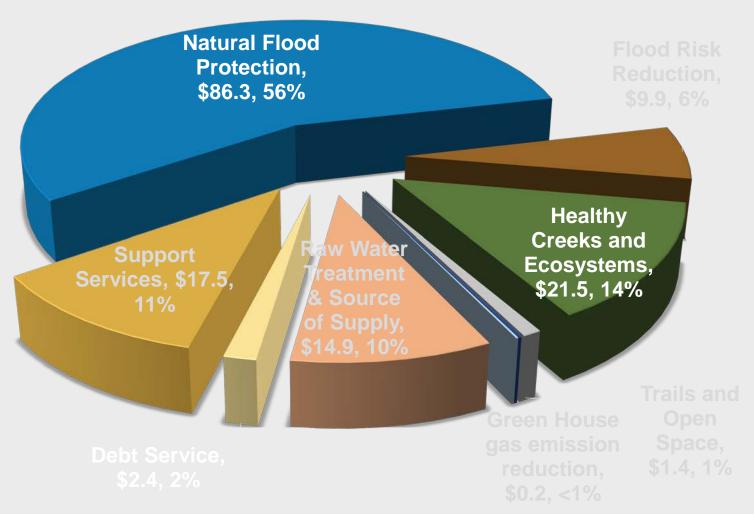
# WS Total Outlays by Goal Areas

Watershed Stream Stewardship and Safe Clean Water Funds	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Natural Flood Protection	\$109.1	\$86.3	(\$22.8)	(21%)↓
Flood Risk Reduction	\$8.9	\$9.9	\$1.0	11%↑
Healthy Creeks and Ecosystems	\$21.9	\$21.5	(\$0.4)	(2%)↓
Trails and Open Space	\$1.5	\$1.4	(\$0.1)	(7%)↓
Green House gas emission				
reduction	\$0.2	\$0.2	\$0.0	0.0%
Raw Water Treatment & Source of				
Supply	\$0.7	\$14.9	\$14.2	2029%↑
Debt Service	\$0.3	\$2.4	\$2.1	700%↑
Support Services	\$16.1	\$17.5	\$1.4	9%↑
TOTAL	\$158.7	\$154.1	(\$4.6)	(3%)↓

# WS Total Outlays by Goal Areas

(\$ in millions)

#### FY 2018 Proposed Budget (WSS and SCW) \$154.1



## **Natural Flood Protection**

(\$ in millions)

#### **\$86.3 (56% of the Total \$154.1 Proposed Budget)**

Natural Flood Protection	FY 2017 Adopted Budget	FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Capital Outlays				
Flood Control	\$82.6	\$48.0	(\$34.6)	(42%)↓
Watershed Asset Rehabilitation Program and Hale Creek Enhancement Pilot Study	\$1.3	\$12.4	\$11.1	854%↑
Subtotal	\$83.9	\$60.4	(\$23.5)	(28%)↓
Operating Outlays				
Vegetation Management and Tree Maintenance	\$6.9	\$7.0	\$0.1	1%↑
Levee inspections and maintenance	\$11.4	\$9.0	(\$2.4)	(21%)↓
Sediment removal	\$3.4	\$6.2	\$2.8	82%↑
Other Projects Combined	\$3.5	\$3.7	\$0.2	6%↑
Subtotal	\$25.2	\$25.9	\$0.7	3%↑
TOTAL	\$109.1	\$86.3	(\$22.8)	(21%)↓

## **Flood Risk Reduction**

(\$ in millions)

#### **\$9.9 (6% of Total \$154.1 Proposed Budget)**

Flood Risk Reduction		FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Capital Outlays			_	
Palo Alto Basin Tide Gate Improvement	\$0.0	\$0.5	\$0.5	100%↑
Operating Outlays	1			
Watersheds Asset Protection Support	\$3.8	\$4.4	\$0.6	16%↑
Watersheds Customer Relations and Outreach	\$0.6	\$0.5	(\$0.1)	(17%)↓
Emergency Response Upgrades, Sandbag Program, Flood Risk Reductions Studies	\$1.7	\$2.0	\$0.3	18%↑
Hydrology and Hydraulics Technical Support, Hydrologic Data Measurement & Management	\$2.4	\$2.1	(\$0.3)	(13%)↓
Other Projects Combined	\$0.4	\$0.4	\$0.0	%↑
Subtotal	\$8.9	\$9.4	\$0.5	6%↑
TOTAL	. \$8.9	\$9.9	\$1.0	11%↑

# **Healthy Creeks and Ecosystems**

(\$ in millions)

#### \$21.5 (14% of Total \$154.1 Proposed Budget)

	FY 2017	FY 2018	Over/Under	
Healthy Creeks and Ecosystems	Adopted	Proposed	FY 2017	%
	Budget	Budget	Adopted	Change
Capital Outlays				
Almaden Lake Improvement, Salt Pond A5-11	\$2.8	\$1.4	(\$1.4)	(50%)↓
Restoration				
Fish Passage Improvement, Habitat Enhancement	\$2.7	\$1.9	(\$0.8)	(30%)↓
Studies, San Francisco Bay Shoreline Restoration				
Partnership	<b>A</b> -	•	(4.5.5)	
Subtotal	\$5.5	\$3.3	(\$2.2)	(40%)↓
Operating Outlays				
Good Neighbor Maintenance, Encampment Cleanup,	\$2.8	\$2.7	(\$0.1)	(4%)↓
Support Volunteer Cleanup Effort				
Impaired Water Bodies Improvement, Urban Runoff	\$3.6	\$4.1	\$0.5	14%↑
Program, Pollution Prevention Grants, Hazmat				
Emergency Response				
Management of Revegetation, Erosion Protection	\$4.3	\$4.9	\$0.6	14%↑
Mitigation and Monitoring, Fish Habitat Improvement	\$3.2	\$3.9	\$0.7	22%↑
Other Projects	\$2.5	\$2.6	\$0.1	4%↑
Subtotal	\$16.4	\$18.2	\$1.8	11%↑
TOTAL	\$21.9	\$21.5	(\$0.4)	(2%)↓

# **Trails and Open Space**

(\$ in millions)

### **\$1.4 (1% of Total \$154.1 Proposed Budget)**

Trails and Open Space		Proposed	Over/Under FY 2017 Adopted	% Change
Operating Outlays				
Grants to Restore Habitat and Access to Trails	\$1.5	\$1.4	(\$0.1)	(7%)↓
TOTAL	\$1.5	\$1.4	(\$0.1)	(7%)↓

### Reduce Greenhouse Gas Emissions

(\$ in million)

#### **\$0.2 (<1% of Total \$154.1 Proposed Budget)**

Green House Gas Emission		FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Operating Outlays			_	
Climate Change Adaptation and Mitigation, Energy Management	\$0.2	\$0.2	\$0.0	0.0%
TOTAL	\$0.2	\$0.2	\$0.0	0.0%

# **Support Services**

(\$ in millions)

#### **\$17.5 (11% of Total \$154.1 Proposed Budget)**

Key Programs and Projects		FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Capital Outlays		_		
Capital Programs Administration and Training	\$3.1	\$4.7	\$1.6	52%↑
Operating Outlays				
Administration and Training	\$7.1	\$6.8	(\$0.3)	(4%)↓
Warehouse and Welding Service	\$1.1	\$1.1	\$0.0	0.0%
Emergency Response and Management	\$0.7	\$0.9	\$0.2	29%↑
Integrated Water Resource Master Plan (One Water), Integrated Regional Water Management	\$2.1	\$1.7	(\$0.4)	(19%)↓
Other projects combined (less salary savings)	\$2.0	\$2.3	\$0.3	15%↑
Subtotal	\$13.0	\$12.8	(\$0.2)	(2%)↓
TOTAL	\$16.1	\$17.5	\$1.4	9%↑

## **Raw Water Treatment**

(\$ in millions)

#### \$14.9 (10% of Total \$154.1 Proposed Budget)

Raw Water Treatment and Source of Supply		FY 2018 Proposed Budget	Over/Under FY 2017 Adopted	% Change
Capital Outlays		_		
Main/Madrone Pipeline Restoration	\$0.5	\$14.7	\$14.2	2840%↑
Operating Outlays				
Water conservation and Nitrate treatment	\$0.2	\$0.2	\$0.0	0.0%
system rebate				
TOTAL	. \$0.7	\$14.9	\$14.2	2029%↑

# **Debt Service**

#### (\$ in millions)

## **\$2.4 (2% of Total \$154.1 Proposed Budget)**

	FY 2017	FY 2018	Over/Under	
	<b>Adopted</b>	<b>Proposed</b>	FY 2017	%
Debt Service	Budget	Budget	Adopted	Change
Safe, Clean Water Debt Service	\$0.3	\$2.4	\$2.1	700%↑
TOTAL	. \$0.3	\$2.4	\$2.1	700%↑

#### **Watersheds Outlook**

#### Support the Board's Priorities

- Priority 2: Prioritize the care of District facilities & assets
- ➤ Priority 3: Advance District's interest in countywide stormwater resources planning
- ➤ Priority 4: Provide for watershed-wide regulatory planning and permitting effort
- ➤ Priority 5: Foster a coordinated approach to environmental stewardship effort
- ➤ Priority 8: Finalize Fisheries and Aquatic Habitat Collaboration Effort (FAHCE)
- Priority 11: Immediate Emergency Action Plan and flood protection for Coyote Creek

## Watersheds Outlook - cont.

- Step up sediment removal, erosion protection and drought-induced tree removal effort
- Continue vigorous negotiations with regulators on Stream Maintenance Program implementation
- Continue Safe, Clean Water Program
- > Ensure organizational sustainability
- Consider adding two new positions for vegetation management program to maintain channel flow conveyance

# **Administration**

Santa Clara Valley Water District

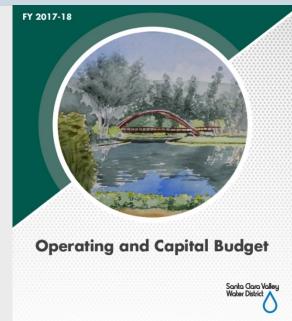
#### **Administration Presentation Outline**

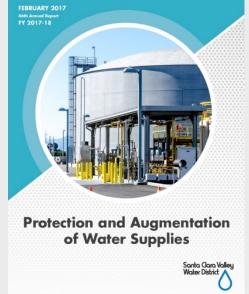
- Overview of Administration
- > Administration Revenue Sources
- ➤ Administration FY 2018 Proposed Budget
- Administration Outlook

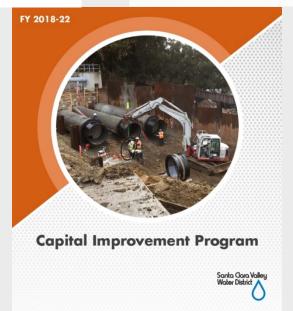
## **Administration Planning Documents**





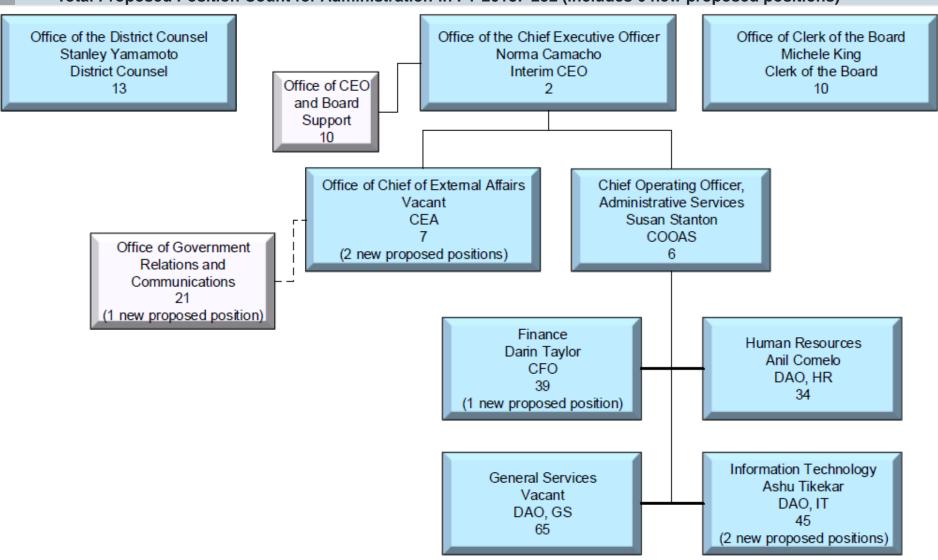




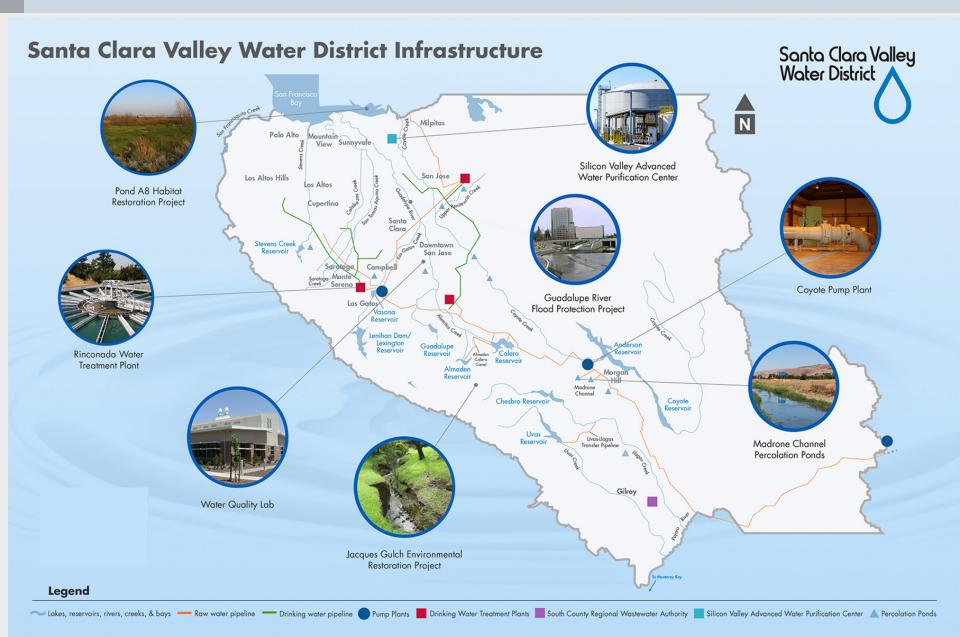


# **Administration Organizational Chart**

Total Proposed Position Count for Administration in FY 2018: 252 (includes 6 new proposed positions)



### **Administration Supports Critical Infrastructure Needs**



#### **Administration: The Hub of the District**

#### **Benefits**

- Executive leadership and oversight
- Long and short term financial planning
- A capable, diverse, and knowledgeable workforce
- Sustainable assets, equipment, and infrastructure
- Meaningful engagement with the community we serve

#### **Provide Strategic Direction and Oversight**

- Foster cooperative and collaborative working relationships with other government agencies, retailers, and stakeholders
- Provide interface between the Board and staff

#### Represent the District's Interests

- Represent the District's interests in a variety of court and administrative matters
- Provide timely legal advice to the Board and management

#### Support the Work of the Board

- Support elections, regulatory, administrative, and liaison support
- Facilitate the public's access to Board information, including Board Meetings and related committees

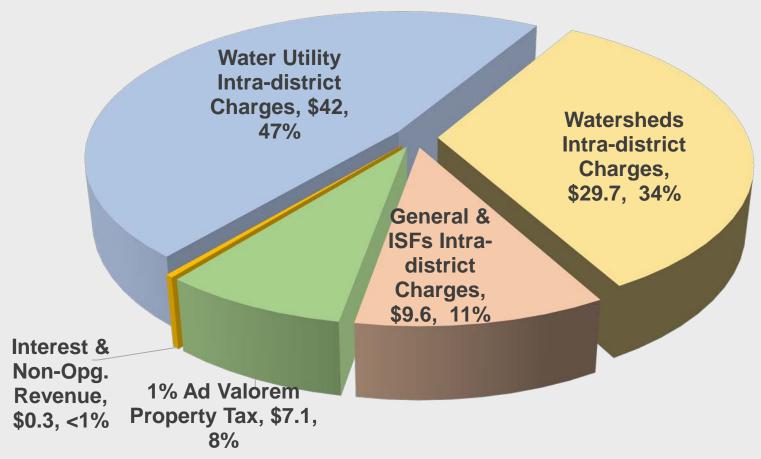
#### Leadership and Oversight of Administrative Services

 Manage Human Resources, General Services, Information Technology, and Financial Planning & Management efficiently and effectively in accordance with goals and policies of Board and CEO

### **Administration: FY 2018 Revenue Sources**

(\$ in millions)

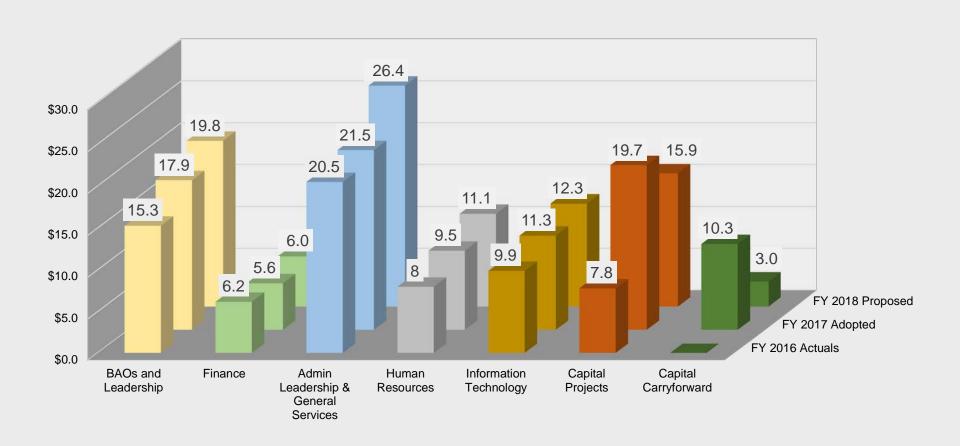
# General & Service Funds Intra-District Reimbursement and Other: \$88.7



# Administration: FY 2018 Proposed Budget Outlays

(\$ in millions)

# General Fund and Internal Service Funds Total FY 2018 Outlay: \$91.5



## Administration: FY 2018 Proposed vs. FY 2017 Adopted Budget

Administration Outlay Summary	Ad	Y 2017 dopted audget	FY 2018 Proposed Budget		F۱	r/(Under) / 2017 lopted	% Change	
Operations	\$	65.3	\$	75.1	\$	9.8	15%↑	
Debt Service	\$	0.5	\$	0.5	\$	0.0	0%	
Capital Projects	\$	19.7	\$	15.9	\$	(3.8)	(19%)↓	
Capital Carry Forward	\$	10.3	\$	3.0	\$	(7.3)	(71%)↓	
TOTAL	\$	95.8	\$	94.5	\$	(1.3)	(1%)↓	

## **Administration Goal Areas**



Board
Appointed
Officers and
District
Leadership



Administrative Leadership and General Services



Human Resources Services



Information Technology



**Finance** 

# **Board Priorities: Administration Support**

#### FY 2018 Objectives

Priority 1: Make Key Decisions Regarding the California WaterFix

- Financial analysis
- Legal consultation

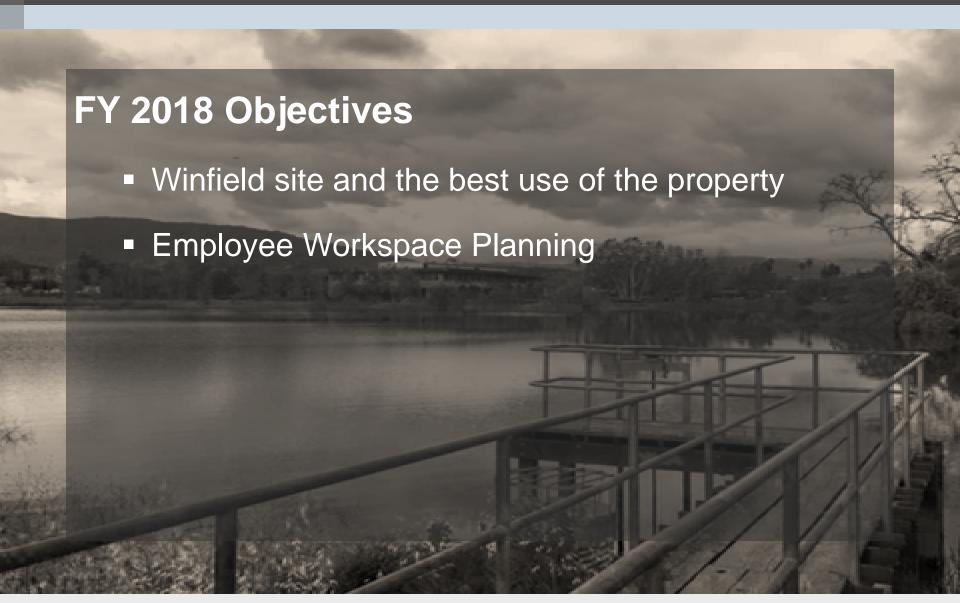
Priority 7: Advance Recycled and Purified Water Efforts with the City of San José and Other Agencies

- Financial analysis
- Legal consultation

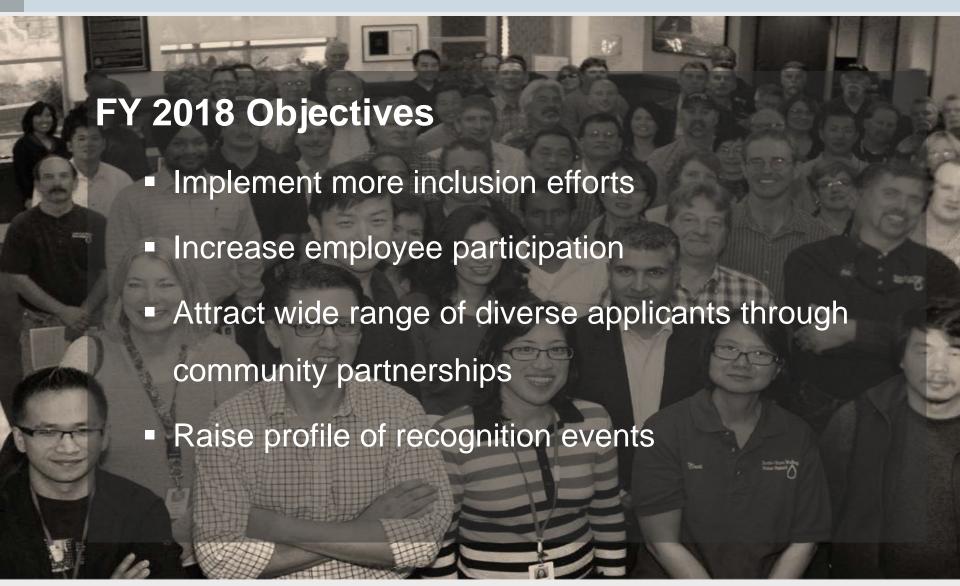
#### **All Priorities**

General Support

#### Priority 2: Prioritize the care of our District facilities & assets



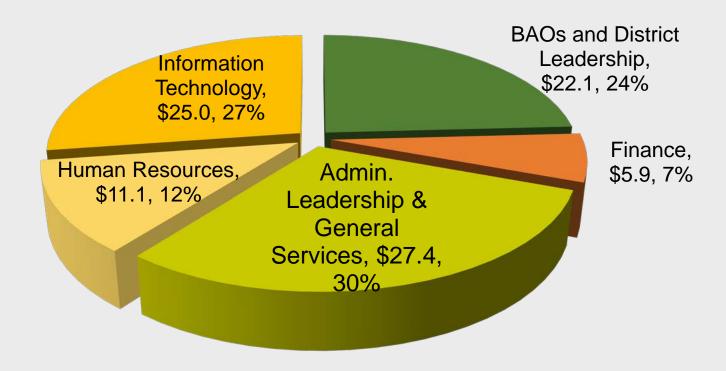
# **Priority 10: Advance diversity & inclusion efforts**



## **Administration Total Outlay by Goal Areas**

(\$ in millions)

#### **Total Administration Proposed Budget, \$91.5 Million**



\*Does not include Capital Carry Forward of \$3 million

# **Total Administration Budget by Outlays**

\$91.5 (100% of the Total Proposed Budget)									
Genera Fund and Internal Services Funds	FY 2017 Adopted Budget		FY 2018 Proposed Budget		Over/(Under ) FY 2017 Adopted		% Change		
BAOs and District Leadership	\$	17.9	\$	22.1	\$	4.2	23%↑		
Finance	\$	5.6	\$	5.9	\$	0.3	5%↑		
Administrative Leadership & General Services	\$	34.3	\$	27.4		\$ (6.9)	(20%)↓		
Human Resources	\$	9.5	\$	11.1	\$	1.6	17%↑		
Information Technology	\$	18.2	\$	25.0	\$	6.8	37%↑		
TOTAL	\$	85.5	\$	91.5	\$	6.0	7%↑		

# **Board Appointed Officers and District Leadership**

\$22.1 (24% of the \$91.5 Total Proposed Budget)								
	F۱	Y 2017	F	Y 2018	Over/(Under			
BAOs and District Leadership	Ac	dopted	Pr	oposed	) FY 2017		%	
	В	udget	Budget		Adopted		Change	
Capital Outlays	\$	0.0	\$	0.0	\$	0.0	0%	
Operating Outlays								
District Leadership	\$	7.1	\$	8.4	\$	1.3	18%↑	
Risk Management	\$	3.0	\$	5.5	\$	2.5	83%↑	
Legal Services	\$	3.0	\$	3.2	\$	0.2	7%↑	
Clerk of the Board Services	\$	3.0	\$	2.3	\$	(0.7)	(23%)↓	
Civic Engagement	\$	0.5	\$	1.3	\$	0.8	160%↑	
Employee Relations	\$	0.9	\$	1.2	\$	0.3	33%↑	
Other Programs	\$	0.4	\$	0.2	\$	(0.2)	(50%)↓	
TOTAL	\$	17.9	\$	22.1	\$	4.2	23%↑	

# Administrative Leadership and General Services

\$27.4 (30% of the \$91.5 Total Proposed Budget)								
Administrative Leadership and General Services		FY 2017		FY 2018		er/(Under		
		Adopted		Proposed		FY 2017	%	
		Budget		Budget		dopted	Change	
Capital Outlays	\$	12.8	\$	3.3	\$	(9.5)	(74%)↓	
Operating Outlays								
Facilities Management	\$	6.5	\$	7.6	\$	1.1	17%↑	
Equipment Management	\$	4.2	\$	4.8	\$	0.6	14%↑	
Procurement Management	\$	3.1	\$	3.6	\$	0.5	16%↑	
Business Support	\$	3.0	\$	3.3	\$	0.3	10%↑	
General Management & Administration	\$	1.7	\$	1.5	\$	(0.2)	(12%)↓	
Diversity & Inclusion	\$	0.3	\$	1.3	\$	1.0	333%↑	
Other Programs	\$	2.7	\$	2.0	\$	(0.7)	(26%)↓	
Subtotal	\$	21.5	\$	24.1	\$	2.6	12%↑	
TOTAL	\$	34.3	\$	27.4	\$	(6.9)	(20%)↓	

# **Human Resources**

\$11.1 (	(12% of the \$9	1.5 Total Prop	osed Budget)

\$1111 (12 % of the \$6		2017			Ove	er/(Under	
Human Resources	Ad	lopted udget	Pr	oposed Budget	) F	Y 2017	% Change
Capital Outlays	\$	0.0	\$	0.0	\$	0.0	0%
Operating Outlays							
Training & Employee Development	\$	2.7	\$	3.2	\$	0.5	19%↑
Risk Management	\$	2.2	\$	3.3	\$	1.1	50%↑
Recruitment	\$	1.4	\$	1.6	\$	0.2	14%↑
Benefits	\$	1.1	\$	1.1	\$	0.0	%↑
Equal Employment Opportunity & Ethics	\$	0.6	\$	0.8	\$	0.2	33%↑
Human Resources - General	\$	1.0	\$	0.8	\$	(0.2)	(20%)↓
Classification & Compensation	\$	0.5	\$	0.3	\$	(0.2)	(40%)↓
TOTAL	\$	9.5	\$	11.1	\$	1.6	17%↑

# **Information Management Services**

\$25.0 (27% of the \$91.5 Total Proposed Budget)								
	F'	Y 2017	F	Y 2018	Ove	er/(Under		
Information Technology	Adopted		Proposed		) FY 2017		%	
	В	udget	E	Budget	A	dopted	Change	
Capital Outlays	\$	6.9	\$	12.7	\$	5.8	84%↑	
Operating Outlays								
Information Systems Solutions	\$	3.9	\$	4.5	\$	0.6	15%↑	
Infrastructure Technology	\$	4.9	\$	5.5	\$	0.6	12%↑	
Records Management & Library	\$	1.0	\$	1.2	\$	0.2	20%↑	
Information Security Program	\$	0.3	\$	0.4	\$	0.1	33%↑	
General Management & Administration	\$	1.2	\$	0.7	\$	(0.5)	(42%)↓	
Subtotal	\$	11.3	\$	12.3	\$	1.0	9%↑	
TOTAL	\$	18.2	\$	25.0	\$	6.8	37%↑	

#### **Finance**

#### (\$ in millions)

\$5.9 (7% of the \$91.5 Total Proposed Budget) Over/(Under) FY 2017 **FY 2018 Finance Adopted** FY 2017 **Proposed** % **Budget Budget Adopted** Change \$ **Capital Outlays** \$ \$ (100%)0.0 (0.1)(0.1)**Operating Outlays** \$ \$ \$ Accounting 3.2 3.3 3%↑ 0.1 \$ \$ \$ 35%↑ Financial Planning & Budget 1.7 2.3 0.6 \$ \$ \$ 1.0 1.0 %↑ Treasury & Debt Management 0.0 \$ \$ \$ General Management & Administration 1.1 0.5 (0.6)(55%)↓ \$ \$ \$ Salary Savings 0.3 (1.4)(1.1)(21%)↓ \$ \$ \$ **Subtotal** 5.6 7%↑ 6.0 0.4 **TOTAL** \$ 5.6 \$ 5.9 \$ 0.3 5%↑

#### **Administration Outlook**

- > Future Financing
  - ➤ Water Utility \$2B + CIP next 10 years
- > Evaluate budgeting processes and controls
- > Review financial policies
- > Feasibility study of fixed charges
- > Promote use of technology to improve efficiencies
- Contract process improvements
- Emergency & security management
- Collective bargaining

#### **Administration Outlook**

- ➤ FY 2018 Budget, Groundwater Production Charge, & CIP Approvals
  - ➤ Water Utility \$2B + CIP next 10 years
- > Evaluate budgeting processes and controls
- > Review financial policies
- > Feasibility study of fixed charges
- Promote use of technology to improve efficiencies
- > Contract process improvements
- Emergency & security management
- Collective bargaining

## **Next Steps**

- ➤ FY 2018 Budget, Groundwater Production Charges, & CIP Approvals
- Resolution Adoptions
- ➤ May 9, 2017