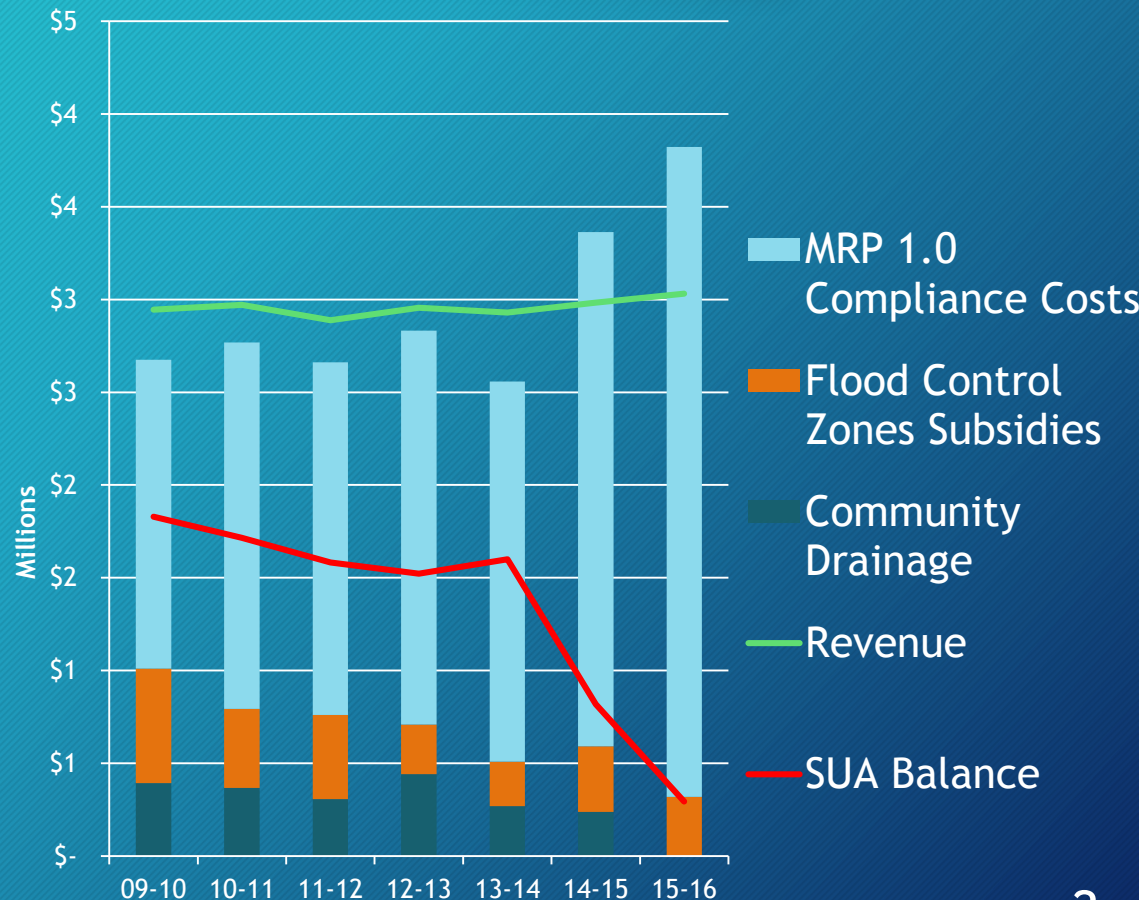


Implementing the Municipal Regional Permit 2.0

Transportation, Water, and
Infrastructure Committee
April 10, 2017

Stormwater Permit Financial History

- MRP 1.0 2009 - 2015
- MRP 1.0 cost \$3 million in 2014/15
- Reserves depleted in FY 2015/16
- MRP 2.0 = MRP 1.0 plus 4 additional provisions



MRP 2.0 Additional Provisions



Trash reduction

70%

by June 2017

80%

by June 2019

MRP 2.0 Additional Provisions



**Green
Infrastructure:**
Building stormwater
treatment
infrastructure

MRP 2.0 Additional Provisions



PCBs:

Remove molecules through stormwater treatment and source control

MRP 2.0 Additional Provisions



Mercury:

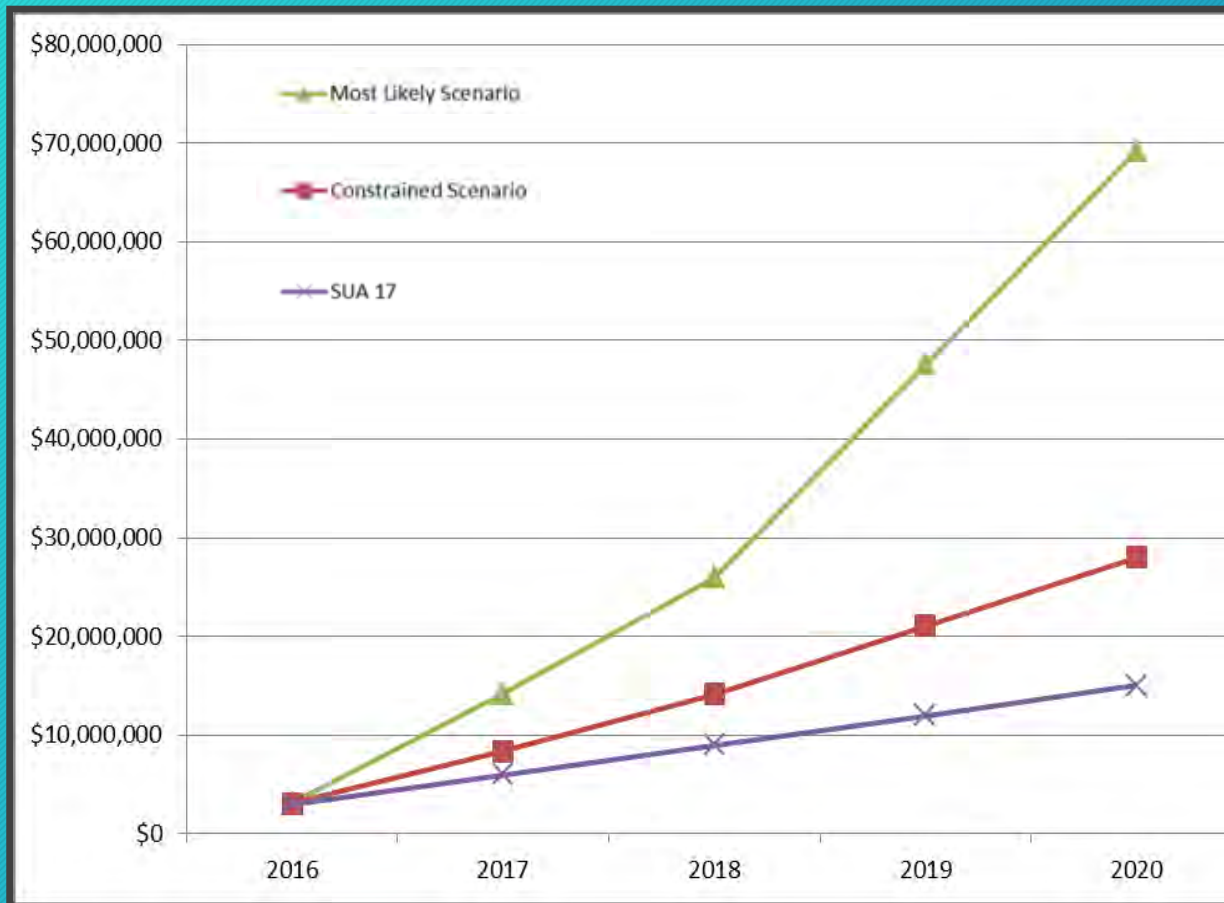
Remove molecules through stormwater treatment and source control

October TWIC Financial Report

- Outlined worse case cost scenario
- \$200 million five-year total permit cost
- PCBs (and Mercury) requirements were 92% of total costs
- Staff subsequently met with Regional Board staff to discuss process, requirements, and costs:
 - December 7, 2016
 - February 7, 2017

Two Budget Proposals

Cumulative MRP 2.0 Costs and Revenue



Most Likely Scenario

- Based on compliance
- \$69 million five-year total cost
- PCBs 64% total cost

Constrained Scenario

- Based on existing revenue (\$3M SUA)
- \$28 million five-year total cost
- PCBs 10% total cost

FY 2017/18 Constrained Budget

- Sensitive to County budget constraints
- Demonstrates commitment to MRP objectives
- Adds to community value where possible
- May not meet MRP 2.0 permit targets
- Requires funding “realignments”
 - Impacts other County Department budgets
 - Department of Conservation and Development
 - Environmental Health Division
 - Hazardous Materials Division
 - Impacts County General Fund

FY 2017/18 Details

Trash: \$2.5 million

- Trash capture
- On-land cleanup
- Homeless camps

Street Sweeping: \$325,000

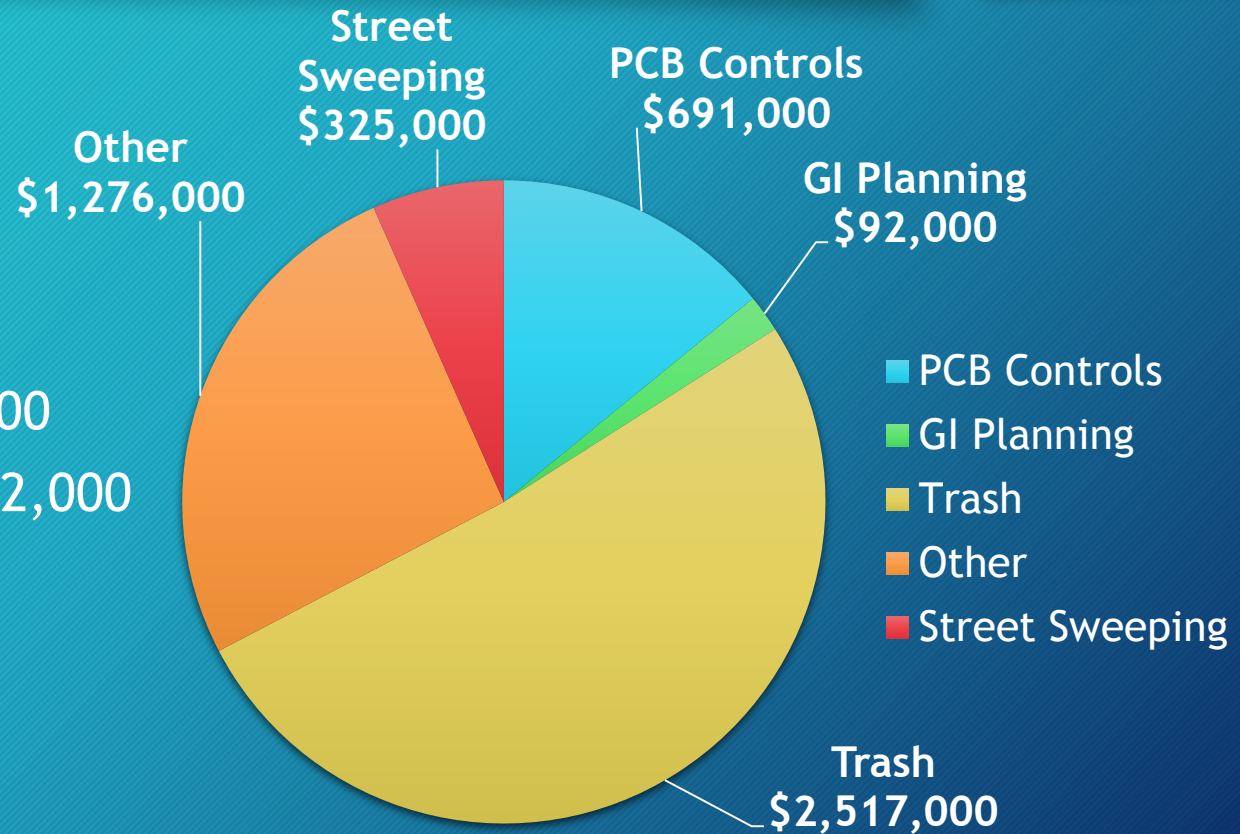
Green Infrastructure: \$92,000

PCBs: \$690,000

- Green infrastructure
- Source properties

Other: \$1.3 million

- 18 other control measures



Total Budget \$4,901,000

MRP 2.0 Constrained Budget

MRP Provision	Description	MRP 1.0 2017-2018	MRP 2.0 Additional Provisions	MRP 2.0 2017-18 Budget	Funding Source for 2017-18 Budget				Total Funds
					SUA 17	Road Fund	Other Depts	General Fund	
C2	Municipal Operations	\$32,000		\$32,000		\$32,000			\$32,000
C2	Street Sweeping	\$200,000	\$125,000	\$325,000	\$125,000			\$200,000	\$325,000
C3	Development/LID	\$123,000		\$123,000	\$123,000				\$123,000
C3.j	GI Planning		\$92,000	\$92,000	\$92,000				\$92,000
C4	Industrial/Commercial Site Controls	\$225,000		\$225,000	\$50,000		\$175,000		\$225,000
C5	Illicit Discharges	\$143,000		\$143,000	\$43,000		\$100,000		\$143,000
C6	Construction Controls	\$8,000		\$8,000	\$8,000				\$8,000
C7	Public Outreach	\$210,000		\$210,000	\$210,000				\$210,000
C8	Monitoring	\$30,000		\$30,000	\$30,000				\$30,000
C9	Pesticide Controls	\$25,000		\$25,000	\$25,000				\$25,000
C10	Trash (Note 1, 2, 4, 5)	\$1,216,000	\$1,301,000	\$2,517,000	\$1,990,000	\$352,000	\$140,000	\$35,000	\$2,517,000
C11	Mercury Controls	\$15,000		\$15,000	\$15,000				\$15,000
C12	PCB Controls (Note 1, 3)	\$40,000	\$651,000	\$691,000	\$191,000	\$250,000		\$250,000	\$691,000
C15	Annual Report	\$70,000	\$20,000	\$90,000	\$90,000				\$90,000
	RWQCB Fees	\$45,000		\$45,000	\$45,000				\$45,000
	BIMID Cost Share	\$30,000		\$30,000	\$15,000	\$15,000			\$30,000
	Drainage Inventory	\$50,000		\$50,000		\$50,000			\$50,000
	Marina Program	\$10,000		\$10,000	\$10,000				\$10,000
	Program Admin.	\$230,000		\$230,000	\$230,000				\$230,000
	Knightsen Biofilter	\$10,000		\$10,000			\$10,000		\$10,000
Totals		\$2,712,000	\$2,189,000	\$4,901,000	\$3,292,000	\$699,000	\$425,000	\$485,000	\$4,901,000

Table 10.A MRP 2.0 Implementation Budget Overview
Resource Based (Constrained)

FY 2017/18 Budget Recommendations

- Initiate one Green Infrastructure project
- Integrate GI into County road and building programs
- Install full trash capture devices
- Increase on-land cleanup
- Initiate Adopt-a-Spot program
- Develop ban on polystyrene food containers
- Reduce trash in creeks (homeless camps and illegal dumping)

Consequences of Non-Compliance

- Up to \$10,000 per day per violation (RWQCB)
- Up to \$37,500 per day per violation (EPA)
- Each outfall may be a separate violation
- Local government subject to third party lawsuits
- City of San Jose settles lawsuit with Baykeeper for \$101 million, June 2016

Next Steps

- Direction on proposed budgets
- Forward to the Board
- Work with other County Departments
- Analyze street sweeping
- Prepare report on Flood Control District
- Work with BIMID
- Develop a Resource Plan
- Report back with a mid-year budget review
- Continue to meet with the Regional Board