

Water Quality Improvement Plans

IRWM Regional Advisory Committee Meeting
December 4, 2013

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New Storm Water Permit





- **Adopted May 8, 2013**
- **Requires Water Quality Improvement Plans (WQIPs)**
 1. Scope: municipal separate storm sewer system (MS4) discharges
 2. Outcome-based (new)
 3. Consolidates storm water regulations (new)
 - Total Maximum Daily Loads: metals, bacteria
 - Areas of Special Biological Significance
 - Jurisdictional Runoff Management Programs

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Scope of WQIPs


Legend

- Rivers
- Freeway
- Non MS4 Land
- City MS4 Jurisdiction

La Jolla Shores,
Mission Bay & La Jolla
Watershed




WQIP Planning Process




- Priority conditions
- MS4 sources of pollutants
- Potential strategies
- Numeric goals
- Selected strategies and schedules
- Monitoring
- Assessment (& adaptation)


— Current efforts




WQIP Planning Process




Selecting Priority Conditions	
Step 1	Determine receiving water conditions
Step 2	Determine potential impacts from MS4 discharges
Step 3	Determine priority water quality conditions
Step 4	Determine highest priority water quality conditions



WQIP Planning Process



- **Comprehensive Load Reduction Plans (CLRPs) used as starting point**
<http://www.sandiego.gov/stormwater/plansreports/index.shtml>
 - Addresses TMDLs & ASBS
 - Helped develop initial list of priorities, strategies
 - Includes implementation costs
- **Public input**
- **Consultation Panel input**



City of San Diego's Potential Activities



- Initial list of 36 types of activities from CLRPs
- Others suggested by public
- Majority address multiple conditions:
 - IPM education regarding fertilizers, pesticides
 - Irrigation runoff reduction enforcement & incentives
 - Green streets runoff reduction



City of San Diego's Current Estimate of Funding Needs



Total 17-Year (FY15-31) CLRP Compliance Period Investment Need

Program Area	Investment Need* (Millions)
CLRP (TMDL & ASBS requirements)	\$2,584
Permit Compliance	\$470
Flood Risk Management	\$846
Grand Total (Millions):	\$3,900

*Source: City of San Diego Storm Water Division's Watershed Asset Management Plan (2013): <http://www.sandiego.gov/stormwater/plansreports/index.shtml>

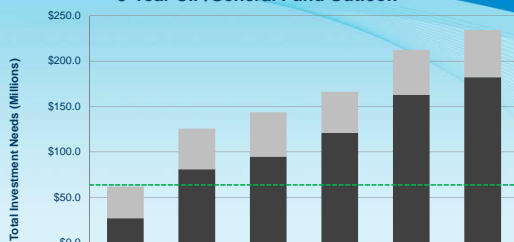
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City of San Diego's Current Estimate of Funding Needs



5-Year CIP/General Fund Outlook



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Gen. Fund Needs	\$35.1	\$44.8	\$48.8	\$45.3	\$49.6	\$52.1
CIP Needs	\$26.9	\$80.9	\$94.8	\$120.9	\$162.8	\$182.2
Fiscal Year Totals:	\$62.0	\$125.7	\$143.6	\$166.2	\$212.4	\$234.3



Water Quality Improvement Plans



- Need for coordination
- Prioritization, sustainability analysis essential
- Emphasize activities that address multiple issues

