

Keeping our sites on **Outcomes**

Laurie Walsh P.E.

Water Resource Control Engineer
San Diego Water Board



Outcomes

Improving the Quality of Water
Discharged from MS4 System
&
Restoring Beneficial Uses and
Receiving Water Quality





Permit Provisions



Water Quality Improvement Plan

Purpose: Copermittees to collectively develop Plans that guide jurisdictional programs towards achieving the **outcomes** of improved water quality in both MS4 discharges and receiving waters and attainment of Beneficial Uses



Water Quality Improvement Plan

1. **Prioritize** water quality issues resulting from discharges to/from MS4 within a Watershed
2. **ID** pollutant sources associated with priorities
3. **Define** numeric targets and schedules to achieve improvement in priorities
4. **Describe** strategies to achieve targets
5. **Describe** a coordinated monitoring/assessment program
6. **Adapt** plan/programs, as necessary



Action Levels

- Values same as previous permits
- Used as assessment tool in setting priorities and strategies rather than trigger for action



Monitoring and Assessment

Purpose: Monitor and assess chemical, physical, biological impact on receiving waters under wet and dry conditions.

Goal: Provide useful info to Copermittees regarding the nexus between health of receiving waters and condition of discharges from MS4



Monitoring

- More Focused
- Feed into assessments



Assessment

- Jurisdictional Scale
- Watershed Scale

Outcomes:

- 1) Has Water Quality gotten better or Worse ?
- 2) Are Ben Uses supported or Not ?

~~Actions~~

~~Measure or count “beans”~~



Jurisdictional Program



Illicit Discharge Detection and Elimination

- Moved Non-Storm Water Requirements to IDDE
- Focus on elimination of non-storm water flows



Development / ReDevelopment

Priority Development Projects

- Alternative Compliance for Technical Infeasibility (AKA Waiver Program)
- Off Site Mitigation
 - Projects
 - Fund / Bank



Existing Development

- Aligned retrofit with WQIP priorities
- Inspection frequencies determined by CoPermittees



Enforcement Response Plans

- Describes a focused and progressive enforcement scheme to rapidly address violations



Reporting 3 Counties

Existing

59 reports

- 39 JRMPS
- 16 WURMPs
- 1 RURMP
- 3 Receiving Water

Proposed

9 Annual Reports



REPORTING

- Annual reports
 - Jurisdictional Report = 2 pages
 - Summaries / Assessments
- Progress Reporting
 - Oral Watershed Status Reports
- Regional Clearinghouse



“We are required to ensure that all inhabitants of the planet have access to their daily bread, clean air to breathe and clean water to drink, because we know that, if we want justice and peace, we must protect the habitat that sustains us.”

Pope Benedict XVI
Vatican's April 2011 Statement on Global Warming

Laurie Walsh, P.E.

Water Resource Control Engineer
Regional Water Quality Control Board
San Diego Region

