

# LA County MS4 Permit & Enhanced Watershed Management Programs

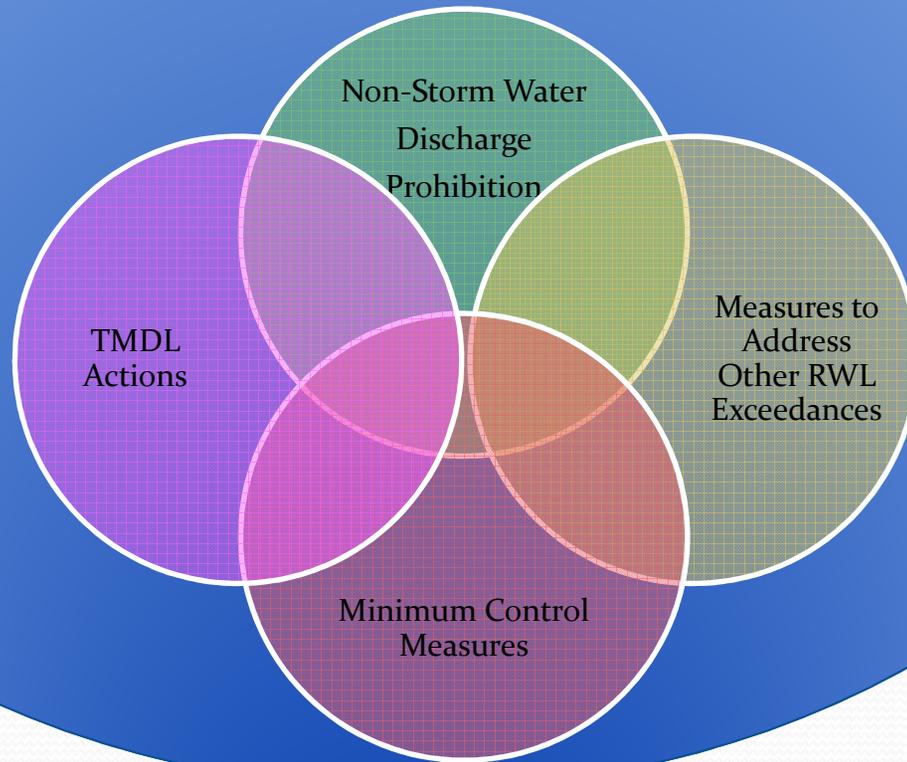
SMBRC Governing Board  
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CA RWQCB

# Watershed Management Program Provisions (Part VI.C., pp. 47-67)

- Voluntary; may be developed collaboratively or individually
- Vehicle for addressing requirements of Receiving Water Limitations & TMDL Provisions
- Allows customization of control measures in Parts III.A.4. and VI.D.
- Must ensure that
  - MS4 discharges achieve applicable WQBELs in TMDL provisions
  - MS4 discharges do not cause or contribute to exceedances of RWL
  - MS4 discharges do not include non-storm water discharges that are a source of pollutants
  - Storm water controls are implemented to the maximum extent practicable

# Watershed Management Program





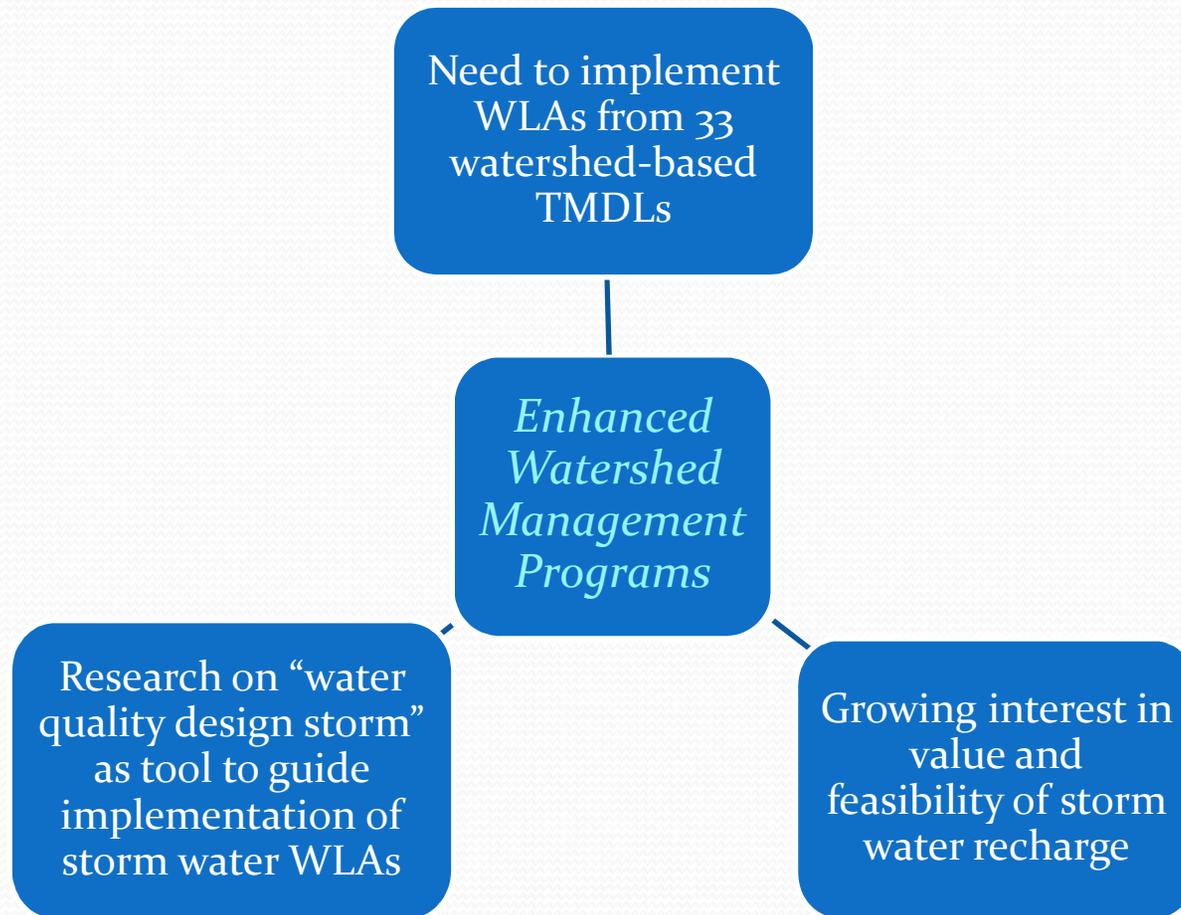
# Permittee Options

1. Watershed Management Program (WMP)
  - a. Individual Basis
  - b. Collaborative among Permittees within a watershed
2. Enhanced Watershed Management Program (EWMP)
  - a. Assumes collaboration among Permittees and other partners (e.g., water suppliers) within a watershed
3. No Watershed Management Program

# Enhanced Watershed Management Programs

- An EWMP is one that comprehensively evaluates opportunities, within the participating permittees' collective jurisdictional area in a watershed management area, for collaboration among permittees and other partners on multi-benefit regional projects that, wherever feasible, retain (i) all non-storm water runoff and (ii) all storm water runoff from the 85<sup>th</sup> percentile, 24-hour storm event for the drainage areas tributary to the projects, while also achieving other benefits including flood control and water supply, among others.

## Genesis of Enhanced Watershed Management Programs





## EWMPs (continued)

- Emphasis on multi-benefit regional projects that wherever feasible retain the storm water volume from the 85<sup>th</sup> percentile, 24-hour storm for the drainage areas tributary to the project
  - Emphasis on collaboration among permittees and other partners
- Where retention of 85<sup>th</sup> percentile storm is not feasible, EWMPs must include other watershed control measures to ensure that MS<sub>4</sub> discharges achieve compliance with all WQBELs and do not cause or contribute to exceedances of RWLs

# Benefits of Enhanced Watershed Management Programs (cont.)

## Water Quality Benefits

- Significant reduction in pollutant loading from stormwater
- Elimination of pollutant loading from 'nuisance' dry weather runoff

## Economic Benefits

- Opportunities to pool resources (financial, technical, available land, etc.) among permittees
- Opportunities to garner additional resources from other partners
- Projects have multiple benefits -- water quality, water supply, flood control, others

## Compliance Demonstration

- Retention of the 85<sup>th</sup> percentile, 24-hour storm event, and all non-storm water, constitutes compliance with final WQBEL and RWL provisions associated with a TMDL for the tributary drainage area to the multi-benefit retention project



# Challenges

- Forming partnerships among Permittees & other Partners to successfully implement projects
- Identifying locations for multi-benefit regional projects
- Obtaining necessary resources to implement projects

# Requirements During Development of WMP/EWMP

- Continue to implement six elements of existing SWMP and monitoring programs
- Implement necessary watershed control measures to achieve interim and final trash WQBELs per deadlines occurring prior to approval of WMP/EWMP
- Implement necessary watershed control measures to achieve other final WQBELs per deadlines occurring prior to approval of WMP/EWMP, or alternatively,
  - Request time schedule order for final WQBELs with deadlines occurring prior to approval of WMP/EWMP
- Meet all interim and final deadlines for development of a WMP/EWMP
- Target watershed control measures in existing SWMP, including watershed control measures to eliminate non-storm water discharges of pollutants, to address known contributions of pollutants from MS4 discharges

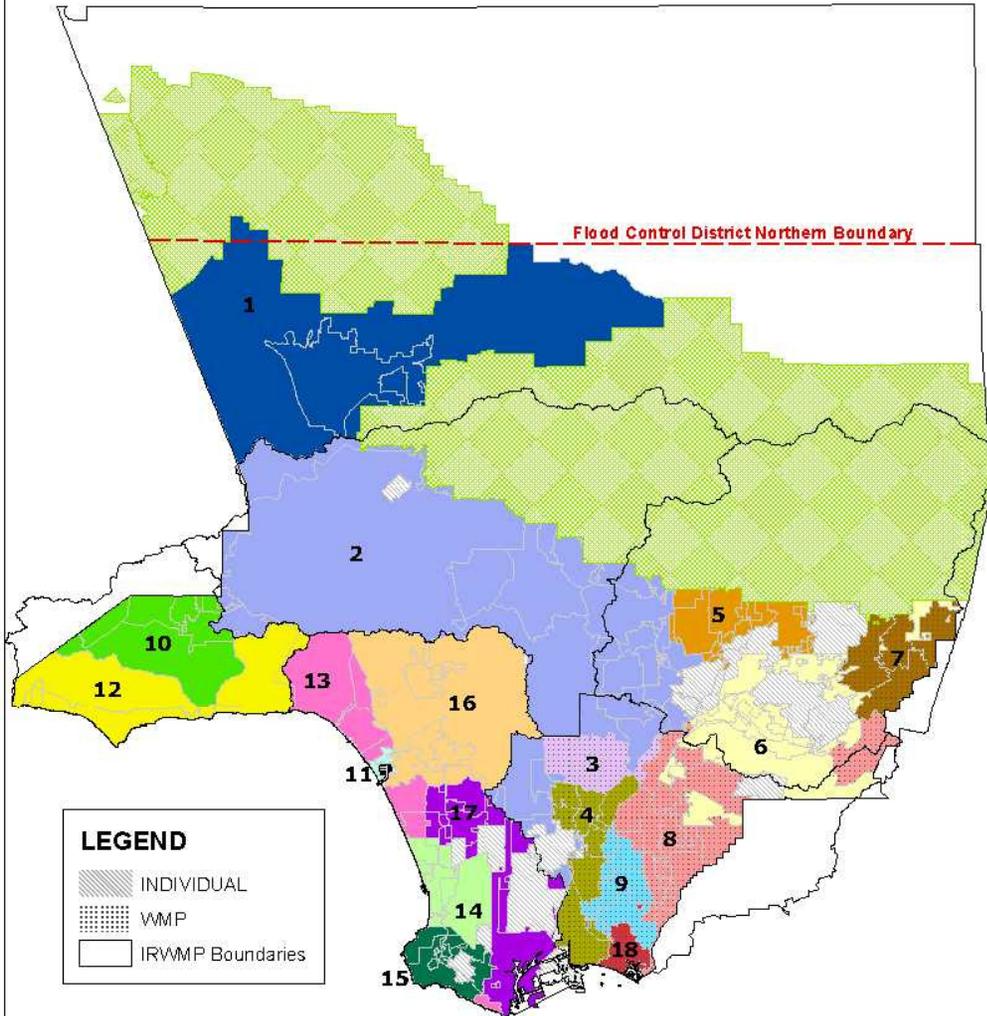
# EWMP Development Deadlines

Deadline	Requirement
02/26/13	Commence development of LID ordinances & green streets policies ( <i>where necessary</i> )
06/28/13	<ul style="list-style-type: none"><li>- Notification of intent</li><li>- Complete draft LID ordinance and draft green streets policy (<i>or document existing LID ordinances and green streets policies</i>)</li></ul>
12/15/13	First annual report
12/28/13	Fully executed MOU by all participating permittees
06/28/14	Submit detailed final work plan for development of EWMP
12/15/14	Second annual report
06/28/15	<ul style="list-style-type: none"><li>- Submit draft EWMP</li><li>- Fully implemented structural BMP or suite of BMPs within the watershed (<i>in addition to those required to achieve compliance deadlines occurring prior to approval of EWMP</i>)</li></ul>



### EWMP/WMP Groups (as of 06/17/13)

0 3 6 Miles



#### LEGEND

- INDIVIDUAL
- WMP
- IRWMP Boundaries

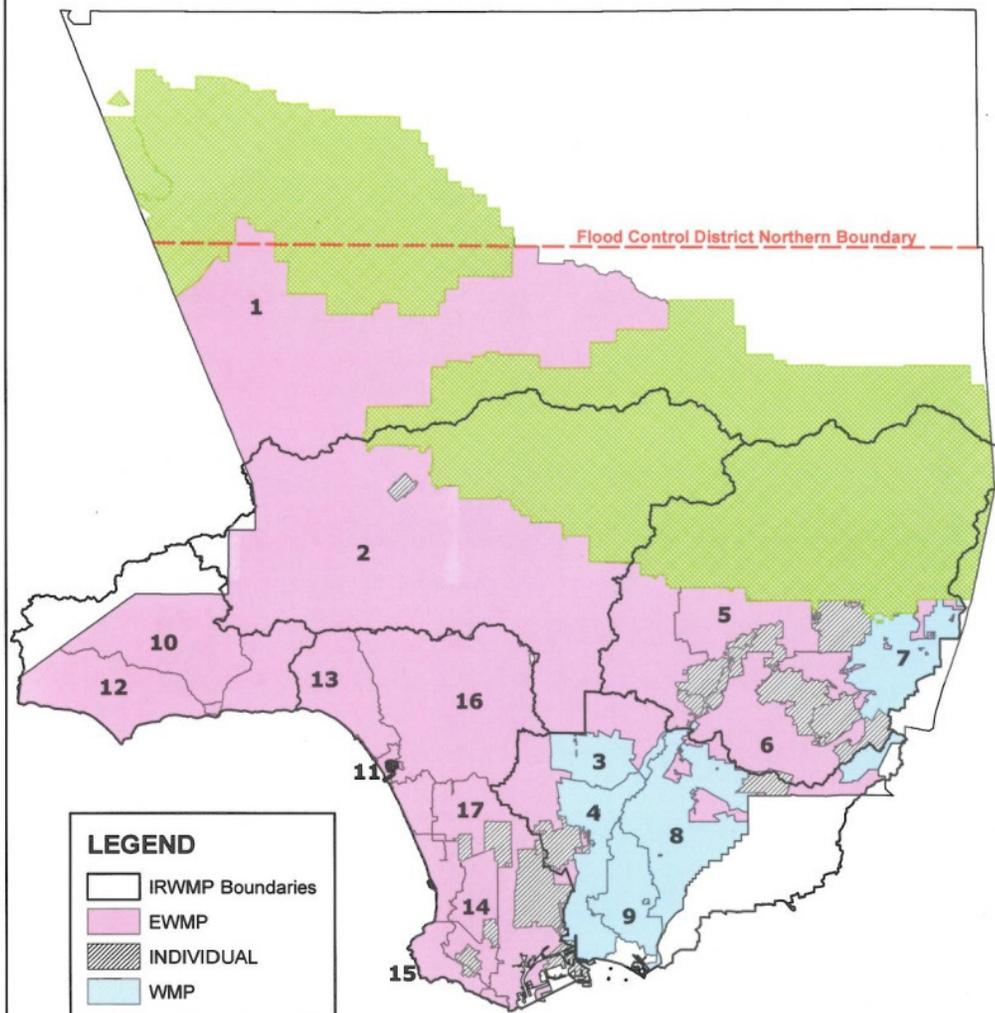
# Draft discussions re SMB Watershed Groups

- N Santa Monica Bay
- Malibu Creek
- Santa Monica Bay Jurisdictional groups 2 and 3
- Marina del Rey
- Ballona Creek
- South Bay Cities
- Peninsula Cities



### EWMP/WMP Groups (as of 06/13/13)

0 3 6 Miles





# Questions?

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