

# LA River Bacteria TMDL – Dry Weather Implementation

Considerations for Implementation Strategy

10/20/09



# Workshop Feedback

- Many suggested Reaches 1 and 2 (Segments A and B) are highest priority
- Type of projects/approaches –
  - LFD
  - End of Pipe Infiltration
  - LID/Green Infrastructure – Source Control
  - Downstream Solutions
- Length of time to implement individual “projects” (LFD or other end-of-pipe):  
3-6 years

# Workshop Feedback

- Overall length of time to complete implementation (“gut check”)
  - *On one hand:* as quick as possible
  - *Other hand:* 30 years seems very fast
  - Timeline requires justification
  - Upper and lower LAR reaches uncoupled!
- Justification
  - Build implementation effort from bottom-up
  - Determine associated cost and timeline with that effort
  - Compare to resources (budget minus other TMDLs)
  - Compare proposed effort to other TMDLs

# Overview of Implementation Strategy

- ▶ LA River Watershed is Large:
  - >Ballona Crk, Malibu Crk, Santa Monica Bay, etc.
  - # of mainstem and tributary miles
  - # of storm drains
- ▶ **Key Objective:** to create a timeline that is aggressive but realistic and built on CREST's scientific studies
- ▶ This is the first time a So Cal Bacteria TMDL has been done that utilizes storm drain data to identify the # of actions needed

# ...continued

- ▶ Scenarios for Implementation Timelines developed from Stakeholder Workshops (explain, compare and contrast in detail)
  - **Conventional**: (longer, outfall-based approach)
    - # and type of actions and assumptions
    - This is the TMDL schedule proposed for adoption
  - **Alternative**: (shorter, with Downstream Solutions)
    - # and type of actions and assumptions
    - For future consideration

# ...continued

- ▶ Alternative approach may lead to more reliable, faster, cheaper protection of REC uses
  - Goals of both the Permittees and the NGOs
  - Requires additional regulatory actions/considerations
    - Measuring compliance
    - MOUs among agencies
    - Redefinition of uses
    - Etc.



# Developing Schedule

- Determination of “reasonable” includes comparison of effort vs. program resources
- Identify TMDL costs
  - Estimate of # of problematic outfalls
  - “Generalized BMP”
- Identify resources (budgets, staff)
- Compare Suggested Approach Against Adopted TMDLs
  - Rate of implementation (\$\$/year)
  - Years allowed per square mile
  - Etc.

# What's next for Implementation Plan

Component of TMDL Implementation Strategy (Section 7)	Proposed Approach
Implementation Scenarios	Two (Conventional and Alternative)
Types of Load Reduction Strategies based on Scenario	Outfall-based & Downstream Solutions
Cost Estimate	Two (Conventional and Alternative) "Generalized BMP" with cumulative annual expenditure and # of outfalls
Resource Analysis	All TMDLs vs. Budget
Rate of Implementation	X-month stagger
Rate of Implementation Comparison	<ul style="list-style-type: none"> <li>• Santa Monica Bay Diversions</li> <li>• \$\$/year for multiple TMDLs</li> <li>• Scale Ballona Creek and other TMDLs</li> </ul>
Role of Systemwide Actions	Prominent discussion

# DISCUSSION