

Middle Santa Ana River Bacteria TMDL Task Force Meeting

MAY 23, 2022

Background

Significant Milestones for Current TMDL

2005

TMDL Adopted by
SAWB

2007

TMDL Approved by
EPA

2008

Review WDRs

January 2010

MS4 Permits
Adopted

December

2010/June 2011

CBRPs Submitted

February 2012

CBRPs Approved by
SAWB

January 2014

Pomona &
Claremont CBRPs
Submitted

2018 Audit of CBRP
Implementation



Dry Weather Condition Implementation by December 31, 2015



Wet Weather Condition Implementation by December 31, 2025

Tasks in Current TMDL are Completed

Task	Description	Due Date
<i>TMDL Phase 1</i>		
Task 1	Revise Existing WDRs	February 2008 <i>(Completed 2010)</i>
Task 2	Identify Agricultural Operators	June 2007
Task 3	Develop Watershed-wide Bacterial Indicator Water Quality Monitoring Program	November 2007 <i>(Approved by SAWB July 2007)</i>
	Implement Monitoring Program	Ongoing
Task 4	Urban Source Evaluation Plan	November 2007 <i>(Approved by SAWB April 2008)</i>
Task 5	Agricultural Source Evaluation Plan	November 2007 <i>(Final Plan March 2008)</i>
Task 6	Review of TMDLs/WLAs/LAs	To Coincide with SAWB Triennial Review Process

Ongoing Monitoring & Source Evaluation Efforts

Annual Monitoring since 2007

- Combined with Santa Ana River Watershed Regional Bacteria Monitoring Program in 2016

TMDL Triennial Reports

- 2010
- 2013
- 2016
- 2020 (Combined with Bacteria Synoptic Study)
- 2023 (In progress)

Need for Limited Revisions to Current Basin Plan Provisions

Need to Update TMDL Implementation Tasks

Tasks are outdated

Do not recognize evolution of the Program (e.g., monitoring program)

Significant changes in land use

Significant new technical information regarding potential sources

Significant changes in dry weather flows from controllable sources

Distinctive differences between dry weather and wet weather conditions

Wet Weather Conditions Implementation Deadline due in 3 Years

Wet weather sources are still being identified and analyzed

Potential solutions are unknown

Need to develop a wet weather specific study plan

Need to implement wet weather specific study plan

Need information from implementation of wet weather studies
to develop wet weather-based Bacteria Reduction Plans

Potential Limited Revisions to Current Basin Plan Provisions

Extend Wet Weather Implementation Due Date

Benefits

Allows for identification and implementation of special studies

Allows for better understanding of wet weather sources

Allows for development of alternative Watershed Management Plan option under the MS4 permit

Provides for additional time to develop and implement Comprehensive Bacteria Reduction Plans for wet weather conditions

Potential Phase 2 Tasks	Potential Time Frame
Task 1 – Develop Research/Study Plan for wet weather Bacteria <ul style="list-style-type: none"> • Source studies • Marker studies • Others 	Submit Draft Plan for Executive Officer Review within 1 year of Regional Board adoption of Amendments
Task 2 – Implement Research/Study Plan for wet weather bacteria	Complete within 2 years from Executive Officer approval of Research/Study Plan
Task 3 – MS4s Develop Comprehensive Bacteria Reduction Plans for Wet Weather Conditions	Submit Wet Weather CBRPs within 1 year of completion of Research/Study Plan, or 3 years of Executive Officer approval of Research/Study Plan
Task 4 – Continue to Implement Watershed-wide Bacterial Indicator Water Quality Monitoring program in conjunction with RBMP; Submit Triennial Report	Ongoing; every 3 years
Task 5 – Implement Comprehensive Bacteria Reduction Plans for Wet Weather Conditions	Upon approval by Santa Ana Water Board
Task 6 – Review of TMDLs/WLAs/LAs	Once every 3 years to coincide with Regional Board’s triennial review

Add TMDL Phase 2 Tasks to Basin Plan

Extend Wet Weather Implementation Date from December 31, 2025, to December 31, 2035



Potential Extension Time Frame



Draft Time frame
for
Implementation
of Limited
Revisions