

Tijuana River Watershed Management Area

WATER QUALITY IMPROVEMENT PLAN

JUNE 27, 2014

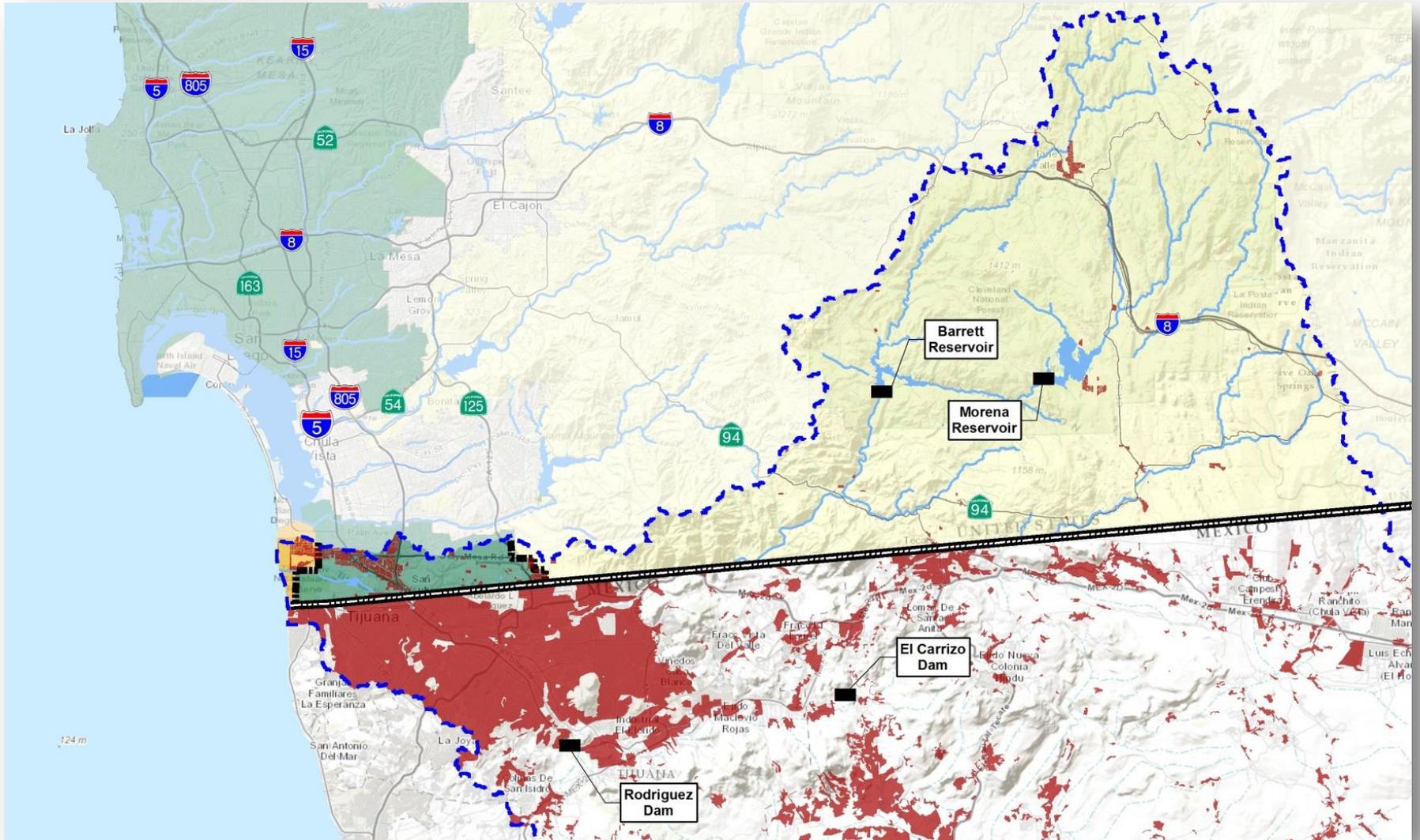
SUBMITTED TO THE SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD BY:
City of Imperial Beach | City of San Diego | County of San Diego



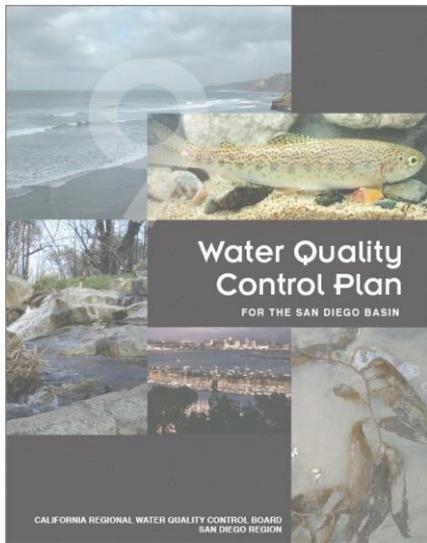
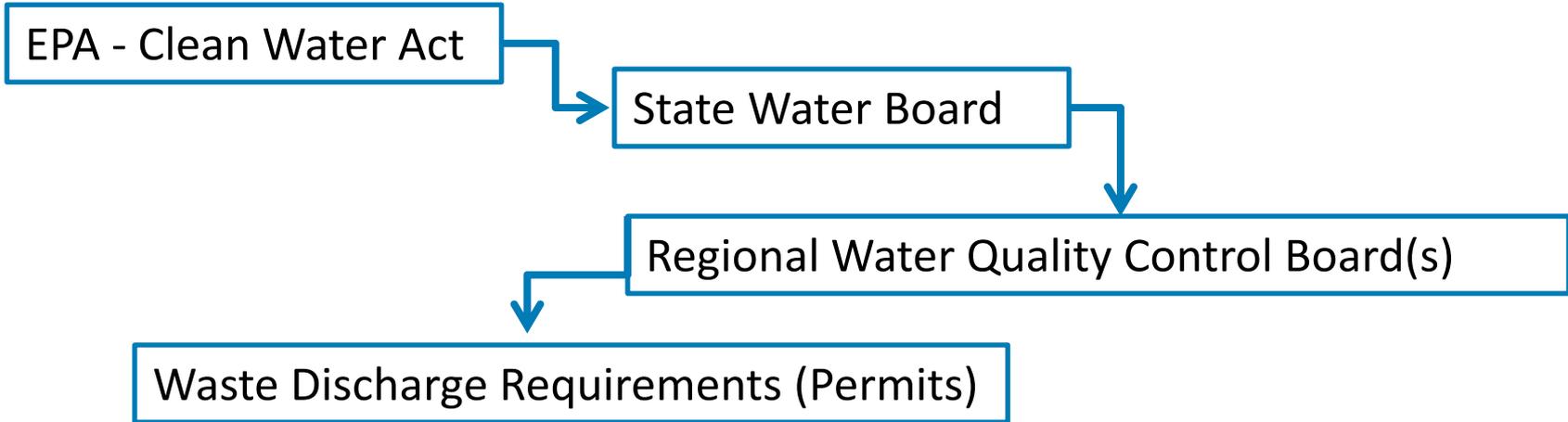
Chris Helmer
Environmental Programs Manager
March 12, 2015



What is a Water Quality Improvement Plan (WQIP)?



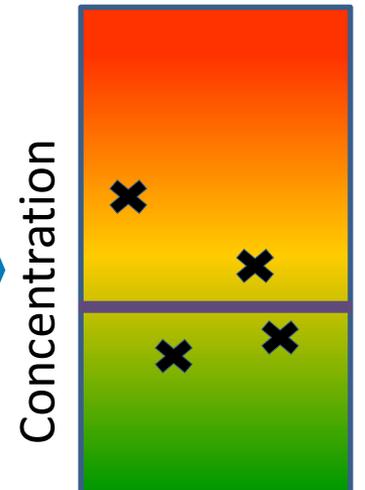
Regulatory Framework



Basin Plan



Beneficial Uses



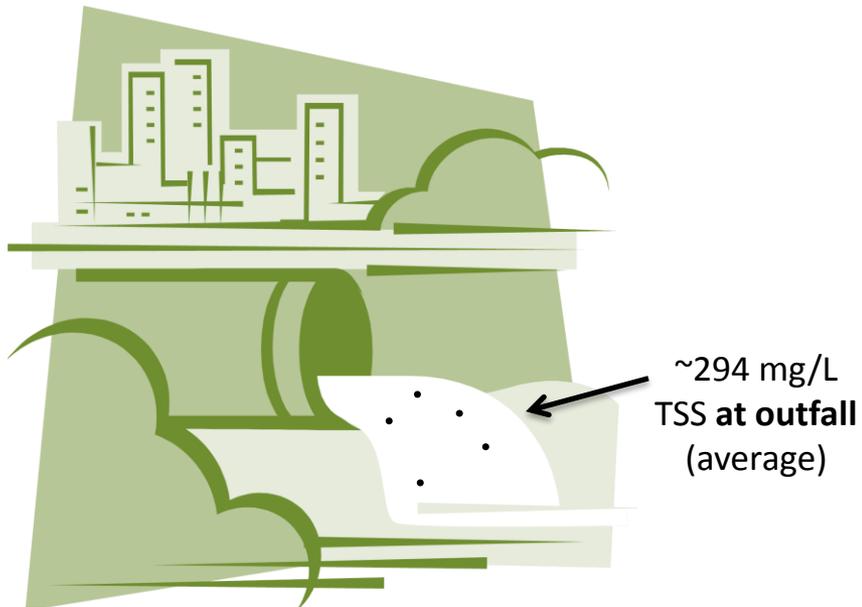
Water Quality Objectives

NPDES Permit R9-2013-0001 is a new approach to regulating storm water runoff

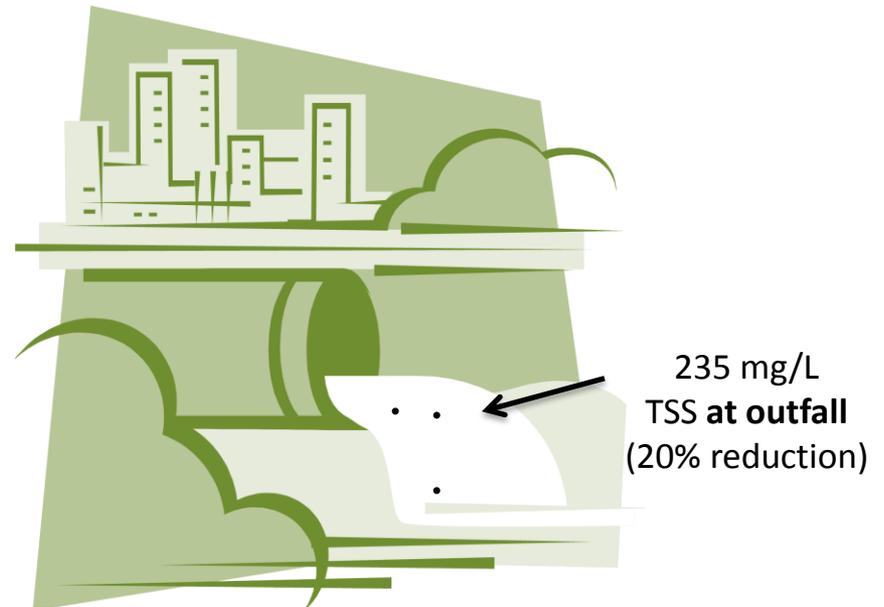
- Requires development of WQIPs
 - Shifts focus of the permit requirements from a minimum level of actions to be implemented to identifying outcomes to be achieved by those actions
- WQIP identifies the highest priority condition in the watershed
- WQIP informs Jurisdictional Runoff Management Programs
 - Develop water quality improvement strategies that target the highest priority condition and maintains existing baseline storm water management programs

Highest Priority Condition: Sediment

Baseline (2014)



Final Goal (2040)



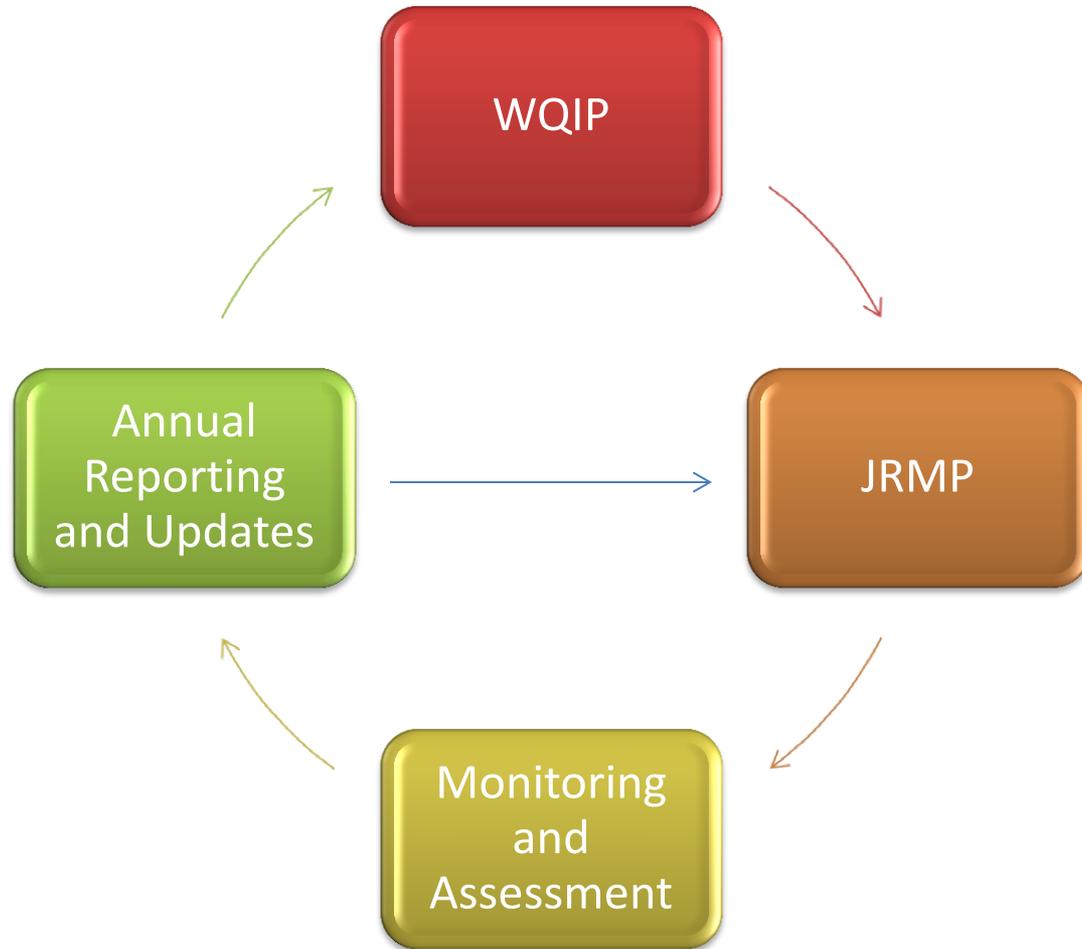
Jurisdictional Runoff Management Programs are under appreciated

- Identifies commitments by the jurisdictions to implement WQIP strategies
 - Updates minimum BMPs in municipal code
 - IDDE code enforcement
 - BMPs for new development and redevelopment
 - Construction management BMPs
 - Existing development (commercial, industrial, and residential areas)
 - Education, outreach, and public participation

Additional WQIP Components

- Optional: Watershed Management Area Analysis for alternative compliance programs
- Water quality monitoring, assessment, and reporting
 - Receiving water monitoring
 - MS4 outfall monitoring
 - Special studies

Adaptive Management



Final Thoughts...

