

Developing California's Integrated Report

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Presentation Outline

- What is the Integrated Report?
- What does it mean when a water body is identified as 'impaired'?
- How does a water body a waterbody get assessed?
- Status of the Central Valley Region
- How can you find out more?

What is the Integrated Report?

- Addresses two federal requirements
 - CWA Section 305(b) Report – overall assessment of water quality
 - CWA Section 303(d) List – water bodies not meeting Water Quality Standards
- Required every two years
- Developed by each Region and compiled by the State Water Board
- Submitted to USEPA as the 'Integrated Report for final approval

What is the Integrated Report?

- Status of water quality and pollutant trends
- Feedback on effectiveness of control programs
- Potential for additional requirements under existing regulatory programs
 - Irrigated Lands Regulatory Program
 - NPDES Program
- Prioritization of future efforts

What does it mean when a water body is identified as 'impaired'?

- Not meeting Water Quality Standards
 - Beneficial use & water quality objective
- Beneficial uses:
 - MUN, AGR, WARM/COLD, REC
- Water Quality Objectives
 - 2 Basin Plans for the Central Valley Region
 - Numeric Objectives and Narrative Objectives
 - Evaluation guidelines

What does it mean when a water body is identified as 'impaired'?

- Water bodies are assessed as unique water body/pollutant combinations
 - i.e. Stanislaus River assessed for copper
- Multiple assessments for each water body
 - Each pollutant and each beneficial use
- Out of many assessments for a waterbody, it only takes one standard not being met to be identified as impaired

How does a water body get assessed?

- Compile all readily available data (CEDEN)
 - Public notice every two years
 - Water Board data
 - Surface Water Ambient Monitoring Program
 - Irrigated Lands Regulatory Program
 - Permit data
 - Agency data
 - DWR
 - USGS
 - Stakeholder Data

How does a water body get assessed?

- Data assessed according to the 'Listing Policy'
 - Data quality requirements for assessment
 - Quality Assurance Plan in place
 - Spatially independent
 - Temporally independent
 - Not based on a single event
 - Representative of current conditions

How does a water body get assessed?

- Data assessed according to the 'Listing Policy'
 - Statistical tests to add or remove water bodies to the impaired list
 - Minimum of 2 samples to list a water body
 - ~10% of samples exceeding the objective = impairment
 - Different for 'toxicants' and 'conventional' pollutants
 - More data needed to remove from the list
 - Weight of Evidence

Status of the Central Valley Region

- 2014-2016 Integrated Report Approved by Central Valley Water Board December 2016
- Approved by State Water Board October 2017
- Pending USEPA Approval

- Solicitation for new data for 2018 Integrated Report closed May 2017

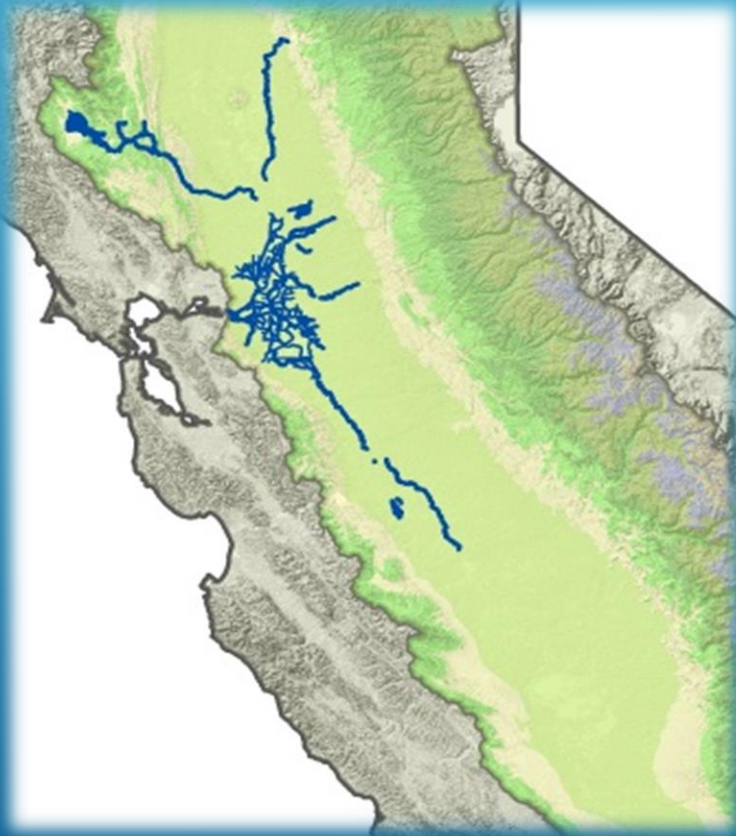
Status of the Central Valley Region

- 2014 - 2016 Integrated Report
 - >600 water body segments assessed
 - >200 pollutants
 - >11,000 assessments

- 707 listings from previous Integrated Report
- 309 new listings
- **38 Delistings**
- 978 Total Listings
- **151 Listings addressed by TMDLs or other regulatory programs**

Status of the Central Valley Region

Adopted TMDLs (75)



Other Programs (77)



How can you find out more?

Home → Water Issues → Tmdl → Impaired Waters List

The Integrated Report - 303(d) List of Water Quality Limited Segments and 305 (b) Surface Water Quality Assessment



Receive notifications, updates and other correspondence by e-mail.
Subscribe on-line to our [Impaired Waterways 303\(d\) List](#), electronic mailing list.

Section 303(d) of the Clean Water Act requires the identification of water bodies that do not meet, or are not expected to meet, water quality standards (i.e., impaired water bodies). The affected water body, and associated pollutant or stressor, is then prioritized in the 303(d) List. The Clean Water Act further requires the development of a Total Maximum Daily Load (TMDL) for each listing. In 2008, California began integrating the 303(d) List of Impaired Waters and the 305(b) Water Quality Assessment Report into a single report (Integrated Report). This Integrated Report will satisfy the requirements of both CWA Sections 303(d) and 305(b).

For questions or additional information, please contact Jay Simi at (916) 464-4833 or by email at jsimi@waterboards.ca.gov.

- [2014 Integrated Report](#)
- [The 2012 Integrated Report - The CURRENT 303\(d\) List](#)
- [The 2008-2010 Integrated Report](#)
- [The 2006 303\(d\) List of Water Quality Limited Segments and Previous 303\(d\) List Updates](#)
- [The Water Quality Control Policy for Developing California's Clean Water Act Section 303\(d\) List \(Listing Policy\)](#)

How can you find out more?

Final 2014/2016 California Integrated Report (Clean Water Act Section 303(d) List / 305(b) Report)

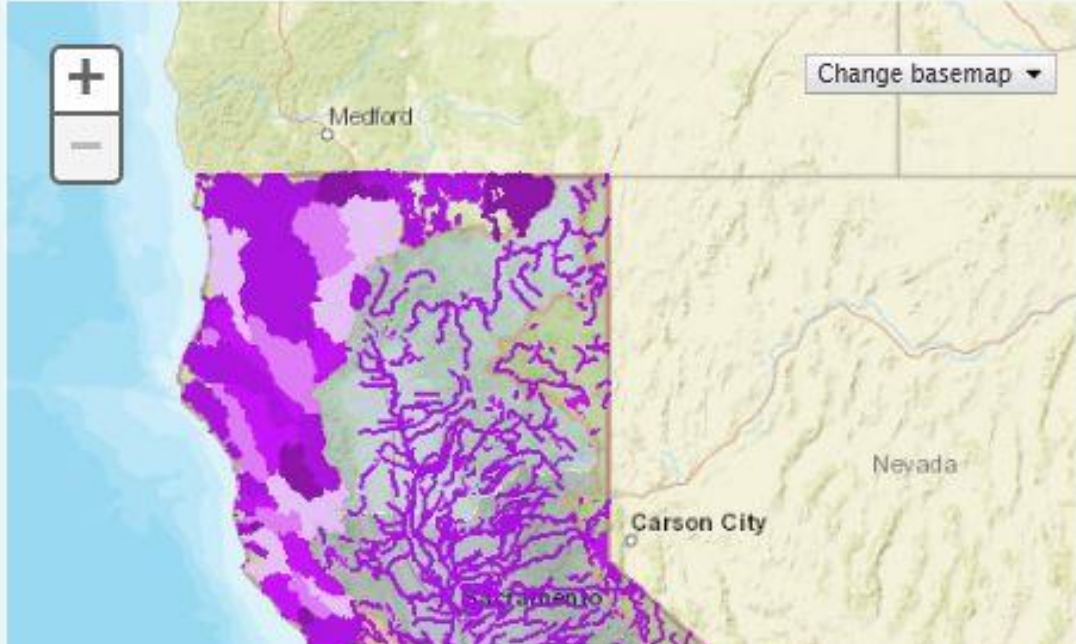
2014 and 2016 Integrated Report **Map** 303(d) List Admin. Record Data Download Contact Us

2014 AND 2016 INTEGRATED REPORT — ALL ASSESSED WATERS

Zoom to county: All Zoom to Regional Board: Central Valley (5)

Show county Show Regional Board

Zoom to water body: (Filter: All) Filter list by:



Show all assessed waters
 Show only impaired ("303(d)-listed") waters

Show water bodies by pollutant:

Pollutant category: All

All

Pollutant: All

All

How can you find out more?

Regional Board website:

https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/impaired_waters_list/

State Board website

https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/#impaired

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Questions?

