

California Water Quality Restoration Results October 2009

The following identifies expected water quality restoration results to be reported to EPA by the California Water Boards for FFY 2010. These results pertain to two EPA national performance measures: SP-12: Watershed Improvement Measure; and WQ-10: Restoration of nonpoint source (NPS) impaired waters. These measures address expectations at both the federal and state levels that our programs will lead to documented water quality improvements.

EXPECTED WATER QUALITY RESTORATION RESULTS FOR FFY 2010			
Water Board	Water Quality Restoration FFY 2010 Anticipated Results		Description/Comments
	SP-12¹	WQ-10²	
	1	0	
2	0	0	<ul style="list-style-type: none"> • Need to confirm SP-12 watersheds to track
3	0	0	<ul style="list-style-type: none"> • Need to confirm SP-12 watersheds to track • Chorro Creek – in FY-09 first in CA report to document restoration of NPS impairment as per WQ-10 (DO)
4	1	0	<ul style="list-style-type: none"> • Calleguas Creek – finalize SP-12 report for ammonia (one 12-digit HUC)
5	13	6	<ul style="list-style-type: none"> • Grasslands/Salt Slough – prepare SP-12 report for selenium and a WQ-10 report • Feather/Sacramento – prepare SP-12 report for diazinon and a WQ-10 report
6	0	2	<ul style="list-style-type: none"> • Upper Truckee – prepare WQ-10 report for bacteria • Big Meadow Creek – prepare WQ-10 report for bacteria • Need to confirm SP-12 watersheds to track
7	0	0	<ul style="list-style-type: none"> • Tracking several watersheds for SP-12
8	4	0	<ul style="list-style-type: none"> • Newport Bay – finalize SP-12 report for nutrients
9	0	0	<ul style="list-style-type: none"> • Tracking several watersheds for SP-12

¹ Watershed Improvement (SP-12): The purpose of this measure is to demonstrate the effectiveness of the watershed approach to achieve water quality improvements. This measure tracks improvements in impaired watersheds (as per the 12-digit Hydrologic Unit Codes). Improvement is defined as 303(d) delisting or watershed wide improvement as per statistical significance or multiple lines of evidences. RBs 1, 4, 5, 7, 8 and 9 have identified watersheds to track progress related to this measure. These watersheds may achieve improvement in the near term (by 2012), or may take longer. Additional watersheds may be added and/or substituted. For more information see: <http://epa.gov/region09/water/watershed/measurew.html>.

² Restoration of Nonpoint Source (NPS) Impaired Waters (WQ-10): This measure identifies water bodies (as per listings) that have been partially or fully restored as a result of various NPS control activities (not just Section 319 funding). Improvement is defined by a 303(d) delisting. Since 2005, the CWA Section 319 grant work plan has required the Water Boards to report on this measure.

California Watersheds for Tracking Water Quality Improvements

The California Water Boards have identified the following watersheds to track progress related to documenting water quality improvements. The purpose is achieve documented water quality improvements as per a national EPA performance measure (Watershed Improvement Measure: SP-12). These California watersheds may be amenable to water quality improvement in the near term (by 2012), as well as improvement that may take longer. These watersheds are of varying sizes, and most include multiple watersheds defined by 12-digit Hydrologic Unit Codes (HUCs). Additional watersheds may be added and/or substituted.

North Coast (RB1)

- Garcia River – sediment
- Shasta River – sediment and temperature
- French Creek – sediment
 - French Creek
 - Moffett Creek
- Terwar Creek – sediment

SF Bay (RB2) – proposed

- Tomales Bay - bacteria
- Napa River – sediment

Central Coast (RB3) – proposed

- TBD

Los Angeles (RB4)

- Calleguas Creek* – nutrients, sediment, ammonia
- Santa Clara River - ammonia
- LA River – ammonia

Central Valley (RB5)

- Feather/Sacramento Rivers* – diazinon
- Sacramento Urban Creeks – diazinon
- Grasslands & Salt Slough* – selenium

Lahontan (RB6) – proposed

- Lake Tahoe – sediment, nutrients

Colorado River Basin (RB7)

- New River – bacteria

Santa Ana (RB8)

- Newport Bay* – nutrients

San Diego (RB9)

- Tijuana River – trash
- Chollas Creek – metals, bacteria, diazinon
- San Diego Beaches – pathogens

* indicates watersheds that are expected to document water quality improvements in FFY 2010 as per EPA performance measure SP-12 (aka Watershed Improvement Measure & Measure W).