



**NONPOINT SOURCE
POLLUTION CONTROL RELATED REPORTS**

ANNUAL REPORT TO THE LEGISLATURE

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STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



STATE OF CALIFORNIA

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**NONPOINT SOURCE POLLUTION CONTROL RELATED REPORTS
PREPARED PURSUANT TO THE FEDERAL CLEAN WATER ACT AND
THE COASTAL ZONE ACT REAUTHORIZATION AMENDMENTS OF 1990**

California Water Code section 13369(b) requires that the State Water Resources Control Board (State Water Board), in consultation with the California Coastal Commission (CCC) and other appropriate agencies, submit to the Legislature and make available to the public the following information on or before December 31st of each year:

1. Copies of all State Water Board and Regional Water Quality Control Board (Regional Water Board) (collectively referred to as “the Water Boards”) reports that contain nonpoint source (NPS) pollution-related information that were prepared in the previous fiscal year (FY) pursuant to the federal Clean Water Act (CWA) sections 303(d), 305(b), and 319; and the federal Coastal Zone Act Reauthorization Amendments of 1990 (CZARA) section 6217.
2. A summary of information related to NPS pollution that is set forth in those reports.

Six (6) reports were prepared and submitted to the United States Environmental Protection Agency (U.S. EPA) in FY 2010-11 as required under CWA sections 303(d), 305(b), and 319; and CZARA section 6217. The following is a list of the reports in chronological order and a brief summary of each report:

1. ***California NPS Program Annual Accomplishments Report (July 2009 through June 2010)***. This report focuses on the major accomplishments of the California NPS Program during the most recent fiscal year. While many of these accomplishments are related to challenges in particular watersheds around the State, others are specific to those aspects of the NPS Program for which the “core agencies” (e.g. State Water Board; Regional Water Boards; and the CCC) are solely responsible, or can take a broader approach and utilize multi-agency collaboration to address NPS pollution control. As such, this report concentrates on NPS pollution control efforts and accomplishments in several major areas that the “core agencies” have been focused during this past year. These activities ranged from the renewal, development and implementation of Region-wide and/or local NPS pollution control mechanisms such as irrigated agriculture, timber harvest and grazing waiver programs to updating confined animal facility orders to watershed wide restoration and improvements reported to U.S. EPA as Measure W (SP-12) and Success Stories (WQ-10). This report was submitted to U.S. EPA in April 2011.
2. ***California NPS Program Annual Initiatives Report for the CWA 319 Program (July 2009 through June 2010)***. The CWA 319 Program is an annual federally funded NPS pollution control program that focuses on controlling activities that impair beneficial uses and on limiting pollutant effects caused by those activities. This report provides information to U.S. EPA on the progress made in implementing the *Plan for California’s NPS Pollution Control Program* (NPS Program Plan) during FY 2009 -10. To address California’s NPS problems, the State, along with many landowners, private non-profit groups and various federal and local agencies, is

involved in numerous efforts to reduce and prevent NPS pollution. The State Water Board and the CCC adopted the NPS Program Plan in 1999 as a fifteen-year strategy to improve and protect water quality and its beneficial uses. Since then, California has continuously expanded and refined its NPS pollution control efforts through a series of three (3) five-year NPS Program Implementation Plans (NPS Implementation Plans). The most recent of these Five-Year NPS Implementation Plans (FYPs) covers the planning period from 2008–2013 (2008-13 FYP).

The lead agencies and partners for California's NPS Program Plan are the State Water Board (lead water quality agency), the nine Regional Water Boards, and the CCC (lead coastal zone management agency). Together these agencies oversee a large and complex network of watersheds. In addition, the Water Boards have implemented a broad program of outreach, education, technical assistance, and financial incentives. The NPS Program Plan is supplemented by collaborative efforts with other agencies and non-governmental organizations to help implement and coordinate programs that contribute to NPS pollution control. To support the NPS Program Plan, its cooperative efforts, and to further expand support for "on the ground implementation projects", approximately \$11.04 million was allocated to the CWA 319 Program in FY 2009-10.

The NPS Annual Initiatives Report primarily addresses the achievements of the Water Boards and CCC with respect to the goals, objectives, and program initiatives established in the 2008-13 FYP. For the State Water Board and the CCC these initiatives included: (1) education, outreach, and technical assistance; (2) financial assistance; (3) policy development and support; (4) interagency coordination; (5) critical coastal areas; and (6) monitoring. Achievements for each of these initiatives were evaluated in this report with respect to the planned activities to achieve those goals during the implementation planning period. All of the planned activities specified in the respective Workplans and the 2008-13 FYP for the State Water Board and the CCC were satisfactorily completed. Regional Water Board initiatives primarily focused on the implementation of the NPS elements of total maximum daily load (TMDL) implementation plans. These activities ranged from the management of individual CWA 319 implementation grants that directly address local NPS problems to the development and implementation of Region-wide NPS pollution control mechanisms, such as irrigated agriculture and grazing waiver programs. All of the planned activities specified in the FYP for the Regional Water Boards were satisfactorily completed. This report was submitted to U.S. EPA in April 2011.

- 3. *Semiannual CWA 319 Progress Report for January 2010 through June 2010 California NPS Program CWA 319 (Grant No. C9-97957510).*** This report summarizes the progress of the Water Boards in completing the tasks identified in the annual CWA 319 NPS Workplan (Workplan) for the period January 2010 through June 2010. The Workplan identifies the tasks and activities of the Water Boards' NPS Program Plan supported by the year's CWA 319 Grant. The total amount of funding during this FY for NPS personnel services was approximately \$4.62 million for 27.8 personnel years (PYs). Approximately \$1.21 million (7.3 PYs) was allocated to the State Water Board and \$3.41 million (20.5 PYs) to the Regional Water Boards. Part of this personnel funding was used by Water Board staff to support the management of 40 projects totaling over \$14.45 million. These projects were

supported through the five (5) CWA 319 Grants “open” during this reporting period (e.g.; 2005-09 CWA Grants). All of the specified tasks were satisfactorily completed. This report was submitted to U.S. EPA in September 2010.

4. **TMDL Program Status Summary Report (FY 2009 - 2010).** This report provides U.S. EPA with information on the overall performance of the Water Boards’ TMDL Program. Performance measures through FY 09-10 identified in the report include the following: 162 TMDLs were adopted; 987 of the current CWA 303(d) listings of impaired water bodies were addressed; 44 percent of the current CWA 303(d) listings of impaired water bodies were addressed; 1,193 of the total number of all listings were addressed; and 72 percent of the TMDL workplan commitments were completed. The report was submitted to U.S. EPA in July 2010.
5. **2010 Integrated Report (CWA Section 303[d]/305[b]).** California is divided into 190 hydrologic units (e.g.; watershed-based units) with 655 hydrologic sub-areas. These cover more than 211,000 miles of rivers and streams, more than 10,000 lakes spanning 1.6 million acres, more than 600,000 acres of bays and estuaries, and a coastline stretching more than 1,000 miles. This report provided State Water Board staff recommendations for changes to the 2006 CWA 303(d) list of impaired water bodies and the CWA 305(b) report on the quality of waters in California. Although the reporting process for these two CWA sections were combined, only the CWA 303(d) list requires approval by the State Water Board and U.S. EPA.

The report provides an overview of the approach and describes the following information: (1) data sources used; (2) objectives and criteria against which data were compared; (3) methodology for comparing the available data to the criteria to assess attainment of water quality standards and CWA 303(d) listings; (4) methodology used to categorize water body segments according to beneficial use support for the CWA 305(b) report, and (5) State Water Board staff recommendations for the 2010 Integrated Report. Water quality data collected by internal programs and provided by outside agencies and entities resulted in significantly more information than was available for the 2006 CWA 303(d) list. Over 22,400 fact sheets assessing unique water body-pollutant combinations were developed during this evaluation. These fact sheets contain over 22,000 Lines of Evidence (LOEs). LOEs are data assessments that contain information used to determine if water quality standards for the water segment-pollutant combinations are being met.

For the CWA 305(b) report, the assessed water body segments were placed into one of U.S. EPA’s five Integrated Report beneficial use (BU) support related categories. The placement of a water body into the appropriate Integrated Report category was based on the assessment of the available water quality data. The most common core BUs evaluated were aquatic life, drinking water supply, fish consumption, non-contact recreation, shell fishing, and swimming. A total of 1,706 water bodies were assessed with 302 water bodies (17.70 percent [%]) listed in Categories 1 and 2 (e.g.; core BUs were achieved); 274 water bodies (16.06%) listed in Category 3 (e.g.; insufficient information available to determine BU support); 112 water bodies (6.57%) listed in Category 4 (e.g.; at least one BU is not

supported, but a TMDL is not needed); and 1,018 water bodies (59.67%) listed in Category 5 (e.g.; at least one BU is not supported and a TMDL is needed).

For the CWA 303(d) report, State Water Board staff recommended 1,464 additional listings and 195 delistings, for a total of 3,507 listings. Each listing is for a water body-pollutant combination. A total of 350 new water bodies were added to the list for the first time for one or more pollutants. The large number of new listings was attributed to the large volume of new water quality data that became available since the completion of 2006 CWA 303(d) List. In addition, more protective water quality standards are now applicable to some of the water bodies. The Integrated Report was approved by the State Water Board in August 2010 and submitted to U.S. EPA in October 2010.

6. ***Semiannual California NPS Program Progress Report for July 2010 through December 2010 – CWA 319 (Grant No. C9-97957511)***. This report summarizes the progress of the Water Boards in completing the tasks identified in the annual CWA 319 NPS Workplan for the period July 2010 through December 2010. The Workplan identifies the tasks and activities of the Water Boards' NPS Program Plan supported by the year's CWA 319 Grant. The total amount of funding during this FY for NPS personnel services was approximately \$4.62 million for 27.8 personnel years (PYs). Approximately \$1.21 million (7.3 PYs) was allocated to the State Water Board and \$3.41 million (20.5 PYs) to the Regional Water Boards. Part of this personnel funding was used by Water Board staff to support the management of 50 projects totaling over \$17.10 million. These projects were supported through the five (5) CWA 319 Grants "open" during this reporting period (e.g.; 2006-10 CWA Grants). All of the specified tasks were satisfactorily completed. This report was submitted to U.S. EPA in April 2011.

The referenced reports can be found at the following website:

http://www.swrcb.ca.gov/water_issues/programs/nps/planning_implementation.shtml