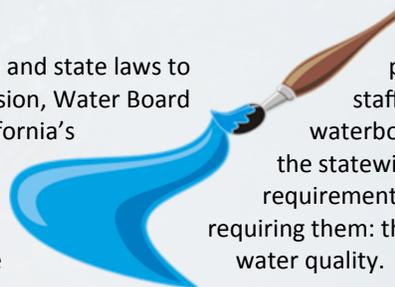


Integrated Report Paints California's Water Quality Picture

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The State and Regional Water Boards are authorized by federal and state laws to the quality of California's water resources. To support this mission, Water Board quality and environmental data to assess the health of the California's lakes). These water quality assessments are then recorded in Integrated Report combines ("integrates") two reporting Act. The two reports are named after the section of the law Waterbodies and the 305(b) Report on the condition of surface



preserve, enhance, and restore staff routinely evaluates water waterbodies (streams, rivers, and the statewide "Integrated Report." The requirements of the Federal Clean Water requiring them: the 303(d) List of Impaired water quality.

The 303(d) List identifies waterbodies that are impaired; that is, waterbodies with one or more beneficial uses that are not being supported. The term "beneficial uses" defines the resources, services, and qualities of aquatic systems that are the ultimate goals of protecting and achieving high water quality. Once a waterbody has been placed on the 303(d) List, a plan must be developed and implemented to restore the impaired beneficial use or uses. This can be accomplished through a Total Maximum Daily Load (TMDL) or through other regulatory (or management) actions.

The 305(b) Report describes overall surface water conditions and includes waterbodies that are known to be in good condition (i.e. beneficial uses are being supported), as well as waterbodies where data indicate beneficial uses may not be supported. The

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Integrated Report Categories

Category 1	All assessed beneficial uses supported and no beneficial uses known to be impaired.
Category 2	There is insufficient information to determine beneficial use support.
Category 3	There is insufficient data and/or information to make a beneficial use support determination but information and/or data indicates beneficial uses may be potentially threatened.
Category 4a	A TMDL has been developed and approved by USEPA for any waterbody-pollutant combination and the approved implementation plan is expected to result in full attainment of the water quality standard within a specified time frame.
Category 4b	Another regulatory program is reasonably expected to result in attainment of the water quality standard within a reasonable, specified time frame.
Category 4c	The non-attainment of any applicable water quality standard for the waterbody segment is the result of pollution and is not caused by a pollutant.
Category 5	At least one beneficial use is not supported and a TMDL is needed.

305(b) Report only considers the “core” beneficial uses: aquatic life, drinking water supply, fish consumption, shellfish harvesting, non-contact water recreation (e.g., aesthetics, odor), and water contact recreation (e.g., swimming).

The process of developing the Integrated Report is initiated by a data solicitation. The State Water Board releases a [Notice of Solicitation memo](#) asking interested parties to submit water quality data and related information to be assessed for the Integrated Report. Once received by the Water Boards, the data are used to evaluate the health of each waterbody by following the procedures described in the [Listing Policy](#). The first step in this process is to develop a Line of Evidence (LOE) for every waterbody-pollutant combination. Each LOE evaluates the data by pollutant (e.g. mercury, nutrients, pathogens) to determine if levels in the waterbody segment exceed established standards or thresholds. A waterbody segment may have multiple LOEs depending on the types of data submitted. After LOEs have been generated for all waterbody-pollutant combinations, a decision on the impairment status is made for the waterbody segment. Based upon one or more LOEs, a decision places the waterbody segment into one of five categories (see table below). A fact sheet for each decision is developed and included in the Integrated Report.

Water Board staff are currently assessing data for the 2018 Integrated Report. The data solicitation memo was released on November 3, 2016, and the deadline to submit data is May 3, 2017. Prior versions of the Integrated Report, including an interactive map, can be accessed [here](#).

