

# Lines of Evidence



2009 SWAMP Achievements Report

## Lines of Evidence

The federal Clean Water Act (CWA) requires states to identify waters that do not meet applicable water quality standards with technology based controls alone and requires that the state prioritize such waters for the purposes of developing total maximum daily loads (CWA Section 303(d)). The CWA also requires each state to report biennially to US EPA on the water quality condition of its waters (CWA Section 305(b)). Previously, California has prepared separate reports for these federal requirements. In conformance with new US EPA guidance, the Water Boards now are preparing a single statewide Integrated Report that meets the reporting requirements of both of these CWA sections.

An important step in the development of the Integrated Report is the production of a fact sheet that contains the final listing decision, the weight-of-evidence description and all associated lines of evidence evaluated. This work is done by the respective Regional Water Board.

The 2010 Integrated Report will be a combined 2008-2010 report that was adopted by each Regional Board during 2008 and 2009. It will contain the lines of evidence that was submitted to the Regional Water Board in the February 2006 as a result of the 2008 data solicitation. Lines of evidence (LOEs) are the pieces of information (e.g., data) that are used to assess the condition of a waterbody and are used to support its final listing or delisting. Each line of evidence is specific to a data source, pollutant, beneficial use, and water quality criteria. For example, a line of evidence could be data collected during a known spill or violation of an effluent limit in a permit or waste discharge requirement (WDR). It could be monitoring data collected through SWAMP or another monitoring program. In some situations, visual assessments or other semi-quantitative assessments are shall also be considered.

For more information about the Integrated Report, click [here](#).

Region	Number of LOEs Created for 2010 Integrated Report	Number of LOEs Created for 2010 Integrated Report using SWAMP Data
1	766	395
2	440	396
3	11495	7453
4	447	20
5	3047	1350
6	1739	1331
7	1059	659
8	637	10
9	2621	129
<b>TOTALS</b>	<b>22,251</b>	<b>11,743</b>

