

Appendix 1: SB 1070 Requirements Matched to Recommended Comprehensive Monitoring Program Strategy Components

The following table illustrates which aspects of the Monitoring Council's efforts to date address each specific requirement of SB 1070.

SB 1070 requirement	Detail	Status
Public information program on water quality	CWC §13167. ... place and maintain on its Internet Web site a public information file on water quality monitoring, assessment, research, standards, regulation, enforcement, and other pertinent matters	Task of the State Water Board; begun with creation of the Monitoring Council's My Water Quality website and initial theme-based web portals and the State Water Board's on-line Performance Report
Memorandum of Understanding	CWC §13181(a)(1) ... the California Environmental Protection Agency and the [Natural] Resources Agency, on or before December 1, 2007, to enter into a memorandum of understanding for the purposes of establishing the California Water Quality Monitoring Council, which the state board would be required to administer.	MOU signed November 26, 2007 Monitoring Council held first meeting June 23, 2008
Monitoring Inventory	CWC §13181(c) The monitoring council shall undertake and complete, on or before April 1, 2008, a survey of its members to develop an inventory of their existing water quality monitoring and data collection efforts statewide and shall make that information available to the public.	Preliminary inventory completed June 28, 2008; updated as an appendix of the Recommendations Report of December 1, 2008
Recommendations report	CWC §13181(b) The monitoring council shall report, on or before December 1, 2008, to the California Environmental Protection Agency and the [Natural] Resources Agency with regard to its recommendations for maximizing the efficiency and effectiveness of existing water quality data collection and dissemination, and for ensuring that collected data are maintained and available for use by decision makers and the public.	Recommendations report submitted December 1, 2008
Recommend improvements to monitoring	CWC §13181(a)(4) The monitoring council shall review existing water quality monitoring, assessment, and reporting efforts, and shall recommend specific actions and funding needs necessary to coordinate and enhance those efforts.	First set of recommendations presented in December 1, 2008 report ; more extensive recommendations are contained in December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)

SB 1070 requirement	Detail	Status
	CWC §13181(a)(5)(A) The recommendations shall be prepared for the ultimate development of a cost-effective, coordinated, integrated, and comprehensive statewide network for collecting and disseminating water quality information and ongoing assessments of the health of the state's waters and the effectiveness of programs to protect and improve the quality of those waters.	See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)
	CWC §13181(a)(5)(B) For purposes of developing recommendations pursuant to this section, the monitoring council shall initially focus on the water quality monitoring efforts of state agencies, including, but not limited to, the state board, the regional boards, the department, the Department of Fish and Game, the California Coastal Commission, the State Lands Commission, the Department of Parks and Recreation, the Department of Forestry and Fire Protection, the Department of Pesticide Regulation, the State Department of Health Services, and the Department of Toxic Substances Control.	See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)
	CWC §13181(a)(5)(C) In developing the recommendations, the monitoring council shall seek to build upon existing programs rather than create new programs.	See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)
	<p>CWC §13181(a)(6) ... the monitoring council shall formulate recommendations to accomplish both of the following:</p> <ul style="list-style-type: none"> <li data-bbox="578 904 1347 1024">(A) Reduce redundancies, inefficiencies, and inadequacies in existing water quality monitoring and data management programs in order to improve the effective delivery of sound, comprehensive water quality information to the public and decision makers. 	See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)
	<ul style="list-style-type: none"> <li data-bbox="578 1057 1347 1152">(B) Ensure that water quality improvement projects financed by the state provide specific information necessary to track project effectiveness with regard to achieving clean water and healthy ecosystems. 	See Section 2.2.6 of December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix) for initial discussion of this issue
Develop a comprehensive monitoring program strategy	<p>CWC §13181(e) ... the state board shall develop, in coordination with the monitoring council, all of the following:</p> <ul style="list-style-type: none"> <li data-bbox="578 1230 1347 1388">(1) A comprehensive monitoring program strategy that utilizes and expands upon the State's existing statewide, regional, and other monitoring capabilities and describe how the State will develop an integrated monitoring program that will serve all of the State's water quality monitoring needs and address all of the State's waters over time. 	See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)

SB 1070 requirement	Detail	Status
	<p>The strategy shall include a timeline not to exceed 10 years to complete implementation.</p> <p>The strategy shall identify specific technical, integration, and resource needs, and shall recommend solutions for those needs.</p>	<p>See Chapter 3 of the December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix)</p> <p>See December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix); under development through the efforts of individual theme-specific workgroups</p>
Develop an agreement on Indicators	<p>CWC §13181(f) ... identify the full costs of implementation of the comprehensive monitoring program strategy developed pursuant to subdivision (e), and shall identify proposed sources of funding for the implementation of the strategy, including federal funds that may be expended for this purpose.</p>	<p>Task of the State Water Board; see Section 3.3 of the December 2010 Comprehensive Monitoring Program Strategy report (to which this is an appendix) for initial coordination cost estimates</p>
Develop a Quality Assurance Management Plan	<p>CWC §13181(e)(2) Agreement, including agreement on a schedule, with regard to the comprehensive monitoring of statewide water quality protection indicators that provide a basic minimum understanding of the health of the state's waters. Indicators already developed pursuant to environmental protection indicators for statewide initiatives shall be given high priority as core indicators for purpose of the statewide network.</p>	<p>Under development through the efforts of individual theme-specific workgroups; California Wetland Monitoring Workgroup has developed <i>Tenets of a Statewide Wetland and Riparian Monitoring Program</i> (see Appendix 6 of this report)</p>
Develop a method for compiling, analyzing, and integrating readily available information	<p>CWC §13181(e)(3) Quality management plans and quality assurance plans that ensure the validity and utility of the data collected.</p>	<p>Under development through the efforts of individual theme-specific workgroups, complemented by the SWAMP and CEDEN quality assurance efforts; see <i>SWAMP Monitoring and Assessment Strategy</i> in Appendix 5 of this report</p>
	<p>CWC §13181(e)(4) This is to include data from waste discharge reports; volunteer monitoring groups; local, state, and federal agencies; and state and federal grant recipients of water quality improvement projects.</p>	<p>Under development through the efforts of individual theme-specific workgroups; this will be complemented by the efforts of a planned Data Management Workgroup, which will identify data elements that must be more broadly integrated to address larger scale and more complex questions, and the California Environmental Data Exchange Network (CEDEN); see Section 2.2.5 of this report</p>

Develop an accessible and user-friendly electronic Data Management System	CWC §13181(e)(5) To the maximum extent possible, include the geospatial information on the data sites.	Being implemented on the individual theme-based internet portals and through CEDEN
Develop a method for producing timely and complete water quality reports and lists	CWC §13181(e)(6) The reports and lists required are those required under Sections 303(d), 305(b), 314, and 319 of the Clean Water Act, and Section 406 of the BEACH Act.	Under development as part of the reporting features of individual theme-based internet portals ; and the State Water Board's California 303(d)/305(b) Integrated Report
Develop an update of the SWAMP needs assessment	CWC §13181(e)(7) The SWAMP program needs will change in light of the benefits of the increased coordination and integration of information from other agencies and information sources.	See the <i>SWAMP Monitoring and Assessment Strategy, Assessment Framework, and Needs Assessment</i> in Appendix 5 of this report