

**ADMINISTRATIVE UPDATE OF THE WATER QUALITY
CONTROL PLAN FOR THE LOS ANGELES REGION –**

CHAPTERS:

1: “INTRODUCTION”

5: “PLANS AND POLICIES”

6: “MONITORING AND ASSESSMENT”

DRAFT STAFF REPORT

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD,
LOS ANGELES REGION**

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EXECUTIVE SUMMARY

The *Water Quality Control Plan for the Los Angeles Region* (Basin Plan) is the Los Angeles Water Board's master water quality control planning document for the coastal watersheds of Los Angeles and Ventura Counties. The Basin Plan contains the region's water quality standards, which consist of beneficial uses, water quality objectives to protect those uses, and an anti-degradation policy along with a program of implementation, and non-regulatory descriptions of the region covered by the Basin Plan. The current edition of the Basin Plan was adopted by the Los Angeles Water Board on June 13, 1994, and approved by the State Water Resources Control Board on November 17, 1994 and by the State Office of Administrative Law on February 23, 1995.

In 2010, the Los Angeles Water Board recognized the need for an overall update to the Basin Plan as several amendments to the Basin Plan, which had been adopted since 1994 and were in effect, had not been physically integrated into the Basin Plan. Also, the Basin Plan did not reflect current information on Los Angeles Water Board programs, plans and policies, or more recently available geographical and background information for the Los Angeles Region. As a result, an administrative update of the Basin Plan was identified as a priority project to be addressed during the 2008-2010 triennial review (Resolution No. R10-001).

The administrative update to the Basin Plan has been conducted in phases, three of which have been completed to date. The update to Chapter 2 "Beneficial Uses" was completed in November 2011, and was followed by the addition of Chapter 7 "TMDLs" to the Basin Plan in December 2011. The update to Chapter 3 "Water Quality Objectives" was conducted in May 2013.

This fourth phase involves the administrative update of Chapters 1, 5, and 6 of the Basin Plan. Chapter 1 "Introduction" contains information on the function and the legal basis and authority of the Basin Plan, as well as background information on the Los Angeles Region to which it applies. Chapter 5 contains summaries of all Regional and State Water Board plans and policies applicable to water quality protection in the Los Angeles Region. Chapter 6 contains a description of monitoring and assessment programs designed to assess the effectiveness of the Los Angeles Water Board's water quality control programs.

The proposed administrative updates to these chapters of the Basin Plan specifically include:

- (i) Updates to background information on the Los Angeles Region in Chapter 1;
- (ii) Updates to the summaries of Regional and State Water Board plans and policies – including the incorporation of those policies and plans adopted since 1994, in Chapter 5;
- (iii) Updates to descriptions of monitoring and assessment programs in Chapter 6 and the addition of water quality database descriptions;
- (iv) Updates to tables in Chapters 1, 5, and 6 containing background information on the Los Angeles Region, as well as information on the Regional and State Water Board's planning and implementation programs, pertinent plans and policies, and monitoring and assessment programs; and

(v) Updates to maps and figures in Chapters 1 and 5 to reflect current Regional Water Board program information, as well as background and geographical information.

This update to Chapters 1, 5, and 6 of the Basin Plan is non-regulatory in nature and does not involve any new changes to water quality standards for the surface and ground waters of the Los Angeles Region. Neither does it modify the application of these standards or their implementation provisions. It is the next phase of a multi-step plan to administratively update the entire Basin Plan. Any regulatory updates to these chapters of the Basin Plan will be addressed in the future as separate Board actions.

I. UPDATES TO CHAPTER 1 “INTRODUCTION”

Background information on the Los Angeles Region’s setting, natural resources (including water resources and water quality), and watersheds was updated to provide clarity and reflect current conditions as outlined in Table 1 below. Corresponding tables and figures were updated using more current data and geographical information. These updates are presented in Table 2.

TABLE 1: SPECIFIC UPDATES TO CHAPTER 1 “INTRODUCTION” OF THE BASIN PLAN

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|--|--|--|
| State and Regional Water Boards | Revised discussion of the Regional and State Water Boards | For clarity |
| Continuing Planning Process | Revised discussion of the continuing planning process, including more detail on the Triennial Review process | For clarity |
| Regional Setting | Discussion of hydrologic units versus watersheds added | For clarity |
| Regional Settings | Detailed discussion of hydrologic units deleted. | To reflect current practice of relying on watershed management areas for planning purposes – as opposed to hydrologic units. |
| Discussion of Climate conditions in Los Angeles and Ventura Counties | Revised to reflect information contained in current county documents (Ventura County Watershed Protection Division, 2007; Los Angeles County Department of Public Works, 2011) | To provide current information |
| Population data and Projections | Revised based on Southern California Association of Governments (SCAG) 2011 data and projections based on available Metropolitan Water District reports | To provide current information |
| Natural Resources section | Revised to include information from more recent reports such as Ventura County, 2010 and Los Angeles Water Board, 2010. | To provide current information |
| Unique Habitat/areas as Significant Biological Resources or Significant Ecological Areas | Discussion revised and updated. Listing of areas deleted from text and instead reference is made to the source of information. | To provide current information |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|-------------------------------|--|--|
| Water Resources/Water Quality | Revised discussion on water resources/water quality issues | To provide current information |
| Coastal Waters discussion | Included in discussion of surface waters. | Coastal waters are considered a sub-set of the region's surface waters |
| Surface Waters/Watersheds | Watershed management areas expanded from 7 to 10, which more accurately reflects the Los Angeles Water Board's current watershed delineations. Malibu and Ballona Creeks are discussed under the Santa Monica Bay WMA, while Miscellaneous Ventura Coastal WMA, Dominguez Channel and Los Angeles/Long Beach Harbors WMA, and Channel Islands WMA have been added. | To provide current information |
| Other Sources of Water | Revised discussion of other sources of water | To provide more current information |

TABLE 2: REVISIONS TO FIGURES IN CHAPTER 1 OF THE BASIN PLAN

| Figure | Caption | Updates | |
|--------|--|---|---|
| | | Notes | Data Source and Web Links |
| 1-1 | Regional Map: Regional Water Quality Control Board, Los Angeles Region | <p>This figure illustrates the geographic span of the Los Angeles Water Board’s jurisdiction and the neighboring Regional Water Boards. Major streams and lakes are shown in this figure. Stream and lake features were administratively updated during the Basin Plan Chapter 2 amendment. (See Administrative Update of the Water Quality Control Plan for the Los Angeles Region – Chapter 2 “Beneficial Uses” – Regional Board Resolution No. R11-011.)</p> <p>The inset map on the upper right corner shows the jurisdictional areas of the 9 Regional Water Boards of the State of California.</p> <p>The inset map on the lower left corner shows the islands within the Los Angeles Water Board’s jurisdiction.</p> | <p>Regional Basin Plan Amendment Regional Board Resolution No. R11-011</p> <p>http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan</p> |
| 1-2 | Hydrologic Units (HUC-8) with Areas (HUC-10) and Subareas (HUC-12) | <p>The figure illustrates the hydrologic units, areas, and subareas within the region. The hydrologic units are based on the latest USGS National Hydrography Dataset (NHD) HUC-8 units. The areas are based on the USGS NHD HUC-10 units and the subareas are based on the USGS NHD HUC-12 units. The HUC-12 is a 12-digit code. The subarea numbers shown in the figure are the last 5 digits of the HUC-12, since the prefix of the HUC-12 code for the region is the same, “1807010”, with the exception of Anacapa Island, which has a prefix of “1806001”. Subareas “60701” and “60702” were referred to as “40701” and “40702”, respectively, based on the Basin Plan Chapter 2 Amendment.</p> | <p>USGS NHD (via National Map Viewer)</p> <p>http://viewer.nationalmap.gov/viewer</p> |
| 1-3 | Major Rivers and Streams | <p>This figure illustrates the major rivers and streams in the region. River and stream features were updated during the Basin Plan Chapter 2 amendment. (See Administrative Update of the Water</p> | <p>Regional Basin Plan Amendment Regional Board Resolution No. R11-011</p> |

| Figure | Caption | Updates | |
|--------|--|--|---|
| | | Notes | Data Source and Web Links |
| | | Quality Control Plan for the Los Angeles Region – Chapter 2 “Beneficial Uses” - Regional Board Resolution No. R11-011.) Specific rivers and streams were extracted and labeled based on the original figure. | http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan |
| 1-4 | Major Lakes and Reservoirs | This figure illustrates the major lakes and reservoirs in the region. Lake and reservoir features were updated during the Basin Plan Chapter 2 amendment. (See Administrative Update of the Water Quality Control Plan for the Los Angeles Region – Chapter 2 “Beneficial Uses” -. Regional Board Resolution No. R11-011) Specific lakes and reservoirs were extracted and labeled based on the original figure. | Regional Basin Plan Amendment- Regional Board Resolution No. R11-011 http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan |
| 1-5 | Watershed Management Areas (WMAs) | This figure illustrates the watershed management areas within the region. The Watershed Management Areas were updated during the Basin Plan Chapter 2 Amendment. (See Administrative Update of the Water Quality Control Plan for the Los Angeles Region – Chapter 2 “Beneficial Uses” - Regional Board Resolution No. R11-011.) The layout of the figure is consistent with the original figure. | Regional Basin Plan Amendment - Regional Board Resolution No. R11-011 http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan |
| 1-6 | Physiographic Features of the Los Angeles Region | This figure illustrates the physiographic features of the region as indicated by elevation. Several digital elevation models (DEMs) covering the region were downloaded from the USGS National Map Viewer with a spatial resolution of 30 m. The DEMs were then mosaicked and clipped to the region. Mountains, hills, and valleys were labeled accordingly. | USGS NHD (via National Map Viewer) http://viewer.nationalmap.gov/viewer |
| 1-7 | Regional Land Use | This figure illustrates the land use types within the region. The base land use map was derived from the SCAG land use categories (2005), which is the latest available on the SCAG website. The new version of the SCAG land use categories (2012) will be released later this year. Reclassification (through aggregation) was performed to create specific land use | SCAG http://gisdata.scag.ca.gov/Pages/GIS-Library.aspx |

| Figure | Caption | Updates | |
|--------|---|--|---|
| | | Notes | Data Source and Web Links |
| | | categories that are shown in the figure. | |
| 1-8 | Population Trend and Projection in Los Angeles and Ventura Counties | This figure includes a bar chart and a table that indicate the population trend and projection in Los Angeles and Ventura counties since 1950. The population data were obtained from California Department of Finance Demographic Research (2013) and were based on the “Historical Census Populations of Counties and Incorporated Cities, 1850-2010” and “State and County Population Projections by Race/Ethnicity, Age, and Gender, 2010-2060”. | California Department of Finance Demographic Research http://www.dof.ca.gov/research/demographic/reports/view.php#objCollapsiblePanelCensusSurveysAnchor |
| 1-9 | Regional Groundwater Basins | This figure illustrates the distribution of the groundwater basins within the region. The groundwater basin shapefile was obtained from the California Department of Water Resources (DWR) Bulletin 118 (2003) and was clipped to the region. | California Department of Water Resources (DWR) http://www.water.ca.gov/groundwater/bulletin118/gwbasin_maps_descriptions.cfm |
| 1-10 | Sources of Imported Water in the Los Angeles Region | This figure illustrates sources of imported water for the region, including the State Water Project, Los Angeles Aqueduct, and the Colorado River Aqueduct. River, lake, and reservoir features were obtained from the USGS NHD geodatabase. | USGS NHD (via National Map Viewer) http://viewer.nationalmap.gov/viewer |

II. UPDATES TO CHAPTER 5 “PLANS AND POLICIES”

The administrative update to Chapter 5 involved the inclusion of summaries of pertinent State and Regional Water Board plans, policies, Basin Plan amendments, resolutions and TMDLs adopted since the 1994 Basin Plan update, and updating the tables and figures based on more recent data and geographical information. Table 3 summarizes revisions to the text, while Table 4 details changes made to the figures in this chapter.

TABLE 3: SPECIFIC CHANGES TO CHAPTER 5 “PLANS AND POLICIES” OF THE BASIN PLAN

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|--|---|--|
| Introduction | Text modified and updated with links to relevant State and Regional Water Board websites. | For clarity |
| State Board Plans | Changed title to "Statewide Water Quality Control Plans" | For clarity |
| State Board Plans | Added subsection "Water Quality Control Plan for Enclosed Bays & Estuaries - Part 1 Sediment Quality" | To reflect new regulations |
| State Board Plans/Ocean Plan | Title changed to "Water Quality Control Plan - Ocean waters of California" | For clarity |
| State Board Plans/Ocean Plan | Text revised and updated | For clarity and to provide current information |
| Figures 5-1 & 5-2 | Updated | Modified for clarity |
| State Board Plans/Thermal Plan | Changed title to "Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California " Revised text | For clarity |
| State Board Plans/Non-Point Source Management Plan | Information updated and moved to "Statewide Policies and Significant Resolutions/ Policies Applying to Programs of Implementation for Surface Waters/ Plan for California's Nonpoint Source Pollution Control Program | Updated and modified for clarity |
| State Board Policies | Changed title to "Statewide Policies and Significant Resolutions" | Modified for clarity |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|------------------------|---|-------------------------------|
| State Board Policies | <p>Organized all the resolutions under the following sections:</p> <ul style="list-style-type: none"> • "General Policies Applying to All Waters of the State" • "Policies Applying to Surface Waters" • "Policies Applying to Programs of Implementation for Surface Waters" • "Policies Applying to Programs of Implementation for Groundwater" • "Policies Related to Water Reclamation and Recycling" • "Policies Related to Enforcement" | For clarity |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|----------------------|---|--|
| State Board Policies | <p>Added descriptions of the following policies and regulations:</p> <p>State of California Executive Order W-59-93 (Wetlands “No Net Loss” Policy)</p> <p>Development of a Policy to Protect Wetlands and Riparian Areas in Order to Restore and Maintain the Water Quality and Beneficial Uses of the Waters of the State (State Water Board Resolution No. 2008-0026)</p> <p>Water Quality Control Policy for Developing California’s Clean Water Act Section 303(d) List (State Water Board Resolution No. 2004-0063)</p> <p>Water Quality Control Policy for Addressing Impaired Waters: Regulatory Structure and Options (State Water Board Resolution No. 2005-0050)</p> <p>Water Quality Control Policy for Guidance on Development of Regional Toxic Hot Spot Cleanup Plans (State Water Board Resolution No. 98-090)</p> <p>Policy on the Use of Coastal and Estuarine Waters for Power Plant Cooling (State Water Board Resolution No. 2010-0020)</p> <p>Policy for the Implementation and Enforcement of the Nonpoint Source Pollution Control Program (State Water Board Resolution No. 2004-0030)</p> <p>Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California (State Water Board Resolution No. 2005-0019)</p> <p>Policy for Compliance Schedules in National Pollutant Discharge Elimination System Permits (State Water Board Resolution No. 2008-0025)</p> <p>Policy for Regulation of Discharges of Municipal Solid Waste State Water Board Resolution No. 2005-0058</p> <p>Actions to Improve Administration of the Underground Storage Tank (UST) Cleanup Fund and UST Cleanup Program State Water Board Resolution No. 2009-0042</p> <p>Water Quality Control Policy for Low-Threat Underground Storage Tank Closure (State</p> | For clarity and to provide current information |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|-----------------|---|------------------------|
| | <p>Water Board Resolution No. 2012-0016)</p> <p>Water Quality Control Policy for the Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems (State Water Board Resolution No. 2012-0032)</p> <p>Resolution Requiring Sustainable Water Resources Management (State Water Board Resolution No. 2008-0030</p> <p>The Recycled Water Policy (State Water Board Resolution No. 2009-0011)</p> <p>Water Quality Enforcement Policy (State Water Board Resolution No. 2009-0083)</p> <p>Policy on Supplemental Environmental Projects (State Water Board Resolution No. 2009-0013)</p> | |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|--|---|--|
| State Board Policies/Statement of Policy with Respect to Maintaining High Quality of Waters in California | Revised text | For clarity |
| State Board Policies/Water Quality Control Policy for the Enclosed Bays & Estuaries of California | Text slightly modified for clarity | Modified for clarity |
| State Board Policies/Water Quality Control Policy on Use & Disposal of Inland Water used for Power Plant Cooling | Text slightly modified for clarity | Modified for clarity |
| State Board Policies/Policy with Respect to Water Reclamation in California | Revised text | Modified for clarity |
| State Board Policies/Policy with Respect to Water Reclamation in California | Deleted copy of resolution | To incorporate by reference rather than by physical insertion into the plan. |
| State Board Policies/Sources of Drinking Water Policy | Text slightly modified for clarity | Modified for clarity |
| | Copy of reprinted resolution removed | To incorporate by reference rather than by physical insertion into the plan. |
| State Board Policies/Policies & Procedures for Investigation & Cleanup & Abatement of Discharges under Water Code Section 13304. | Updated to reflect amendment 96-79 | For clarity and to provide current information |
| State Board Policies/Regional Water Quality Advisory Task Force | Section removed as the information included there is no longer relevant | To provide current information |
| Regional Board | Changed title to "Significant Regional Water | For clarity |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|-----------------|---|---|
| Resolutions | Board Resolutions" Created a subsection titled "Regional Water Board Resolutions Incorporating Basin Plan Updates and Amendments (not including TMDLs)" | |
| | Organized and updated list of resolutions in new Tables 5-1 and 5-2. Table 5-1 includes significant Regional Water Board Resolutions, excluding those that amended the Basin Plan. Table 5-2 identifies Regional Water Board Resolutions incorporating Basin Plan Updates and Amendments. | To provide current information and more useful organization |
| N/A | Created new section titled "Total Maximum Daily Loads (TMDLs)" | For clarity |
| N/A | Created Table 5-3, listing all TMDLs organized by watershed | To provide current information |

TABLE 4: REVISIONS TO FIGURES IN CHAPTER 5 OF THE BASIN PLAN

| Figure | Caption | Updates | |
|--------|--|--|--|
| | | Notes | Data Source and Web Links |
| 5-1 | General Locations of Areas of Special Biological Significance in Los Angeles Region | <p>This figure illustrates the general location of Areas of Special Biological Significance (ASBS) in the region as indicated by the yellow boxes. The general locations of the ASBS were obtained from the Department of Fish and Wildlife Protected Areas layer and edited to attempt to correct the boundaries according to their legal descriptions. This layer represents the updated ASBS from the 2005 Ocean Plan. Neighboring regions and major cities are also shown in the figure to give readers a better geographic perspective.</p> <p>The inset map on the lower left highlights the regional ASBS locations within the State of California.</p> | <p>California Department of Fish and Wildlife Marine Region</p> <p>http://www.dfg.ca.gov/marine/gis/downloads.asp</p> |
| 5-2 | Detailed Locations of Areas of Special Biological Significance in Los Angeles Region | <p>This figure illustrates the detailed locations of ASBS in the region. It was built on Figure 5-1 and was zoomed into each of the ASBS locations to show both the marine protected areas and the national marine sanctuary.</p> | <p>California Department of Fish and Wildlife Marine Region</p> <p>http://www.dfg.ca.gov/marine/gis/downloads.asp</p> |

III. UPDATES TO CHAPTER 6 “MONITORING AND ASSESSMENT”

The administrative update to Chapter 6 of the Basin Plan involved revising and updating the descriptions of the Los Angeles Water Board’s monitoring and assessment programs to reflect current programs and associated water quality databases. Table 5 summarizes these revisions.

TABLE 5: SPECIFIC CHANGES TO CHAPTER 6 “MONITORING AND ASSESSMENT” OF THE BASIN PLAN

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|--|---|---------------------------------------|
| Introduction | Extended to include content from the "State's Monitoring Programs" introduction, Table 6-1, monitoring parameters, link to the Los Angeles Regional Water Quality Control Board website | Modified for clarity |
| State's Monitoring Programs | Modified and moved the section introduction to the Chapter introduction | Modified for clarity |
| | Merged with "Regional Board Monitoring programs" section and created a new section titled "State & Regional Board Monitoring, Assessment and Tracking Programs" | Modified for clarity |
| Table 6-1 | Modified and moved content to the chapter introduction | Modified for clarity |
| State's Monitoring Programs/Primary monitoring network | 1st two paragraphs deleted | Updated and modified for clarity |
| | 3rd paragraph deleted - groundwater monitoring information included in the GAMA section | Updated and modified for clarity |
| State's Monitoring Programs/Discharger Self Monitoring | Changed title to "Discharger Monitoring" | Modified for clarity |
| | Modified text slightly | Modified for clarity |
| | Deleted language regarding the number of yearly inspections | To account for changes over the years |
| | Added language regarding MS4 monitoring | To reflect new regulations |
| State's Monitoring Programs/Compliance | Modified text slightly | Modified for clarity |
| | Deleted language regarding the | To account for changes over |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|---|---|--|
| Monitoring | number of yearly inspections | the years |
| State's Monitoring Programs/Complaint Investigations | Modified text slightly | Modified for clarity |
| State's Monitoring Programs/Lake Surveillance | Removed content from the second paragraph | To update the status of the program |
| | Added language regarding the end of the program and inclusion of this type of sampling in SWAMP | To update the status of the program |
| State's Monitoring Programs/Bay Protection and Toxic Cleanup Program | Added language regarding current efforts of the program | To update the status of the program |
| State's Monitoring Programs/Quality Assurance | Created a "Quality Assurance & Quality Control" separate section | Updated and modified for clarity |
| | Updated the content of the section | Updated and modified for clarity |
| State's Monitoring Programs/Data Storage and Retrieval | Created a "Monitoring, Assessment and Tracking Databases" separate section | To update the information with current databases available |
| State's Monitoring Programs/Biennial Water Quality Inventory/ Water Quality Assessment report | Moved to "Data Management and Assessment" section | Modified for clarity |
| | Title changed to "Biennial Water Quality Assessment Report and Impaired Waters List" | Updated and modified for clarity |
| | Modified content to reflect current practices | Updated and modified for clarity |
| State's Monitoring Programs/Toxic Substances Monitoring/ State Mussel Watch Programs | Content modified and updated to reflected the interruption of the program and continuing work under SWAMP | Updated and modified for clarity |
| Table 6-2 | Deleted as the program ended in 2003 | To reflect the status of the program |
| Table 6-3 | Deleted as the program ended in 2003 | To reflect the status of the program |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|--|---|---|
| Regional Board Monitoring Programs | Merged with "State's Monitoring Programs" section and created a new section titled "State & Regional Board Monitoring, Assessment and Tracking Programs" | Modified for clarity |
| Regional Board Monitoring Programs/Regional Board Surface water Monitoring Network | Deleted - language reflecting in house monitoring efforts and coordination with other programs and agencies has been added to the introduction | Updated and modified for clarity |
| Regional Board Monitoring Programs/Intensive Surveys | Deleted - language reflecting in house monitoring efforts and coordination with other programs and agencies has been added to the introduction | Updated and modified for clarity |
| Regional Board Monitoring Programs/Biological Criteria | Deleted - language reflecting in house monitoring efforts and coordination with other programs and agencies has been added to the introduction | Updated and modified for clarity |
| Regional Board Monitoring Programs/Coordination with Other Agencies | Information updated and included as part of introduction | Updated and modified for clarity |
| N/A | <p>Added several sub-sections in the State & Regional Board Monitoring, Assessment and Tracking Programs section describing current monitoring programs:</p> <p><i>SWAMP,</i> <i>GAMA,</i> <i>Clean Water Team and Citizen Monitoring,</i> <i>TMDL Monitoring</i></p> | To update the information with the current programs available |
| | <p>Added a "Multiagency Programs" section including the following programs:</p> <p><i>"Southern California Bight Regional Monitoring Program"</i> <i>"Southern California Stormwater Monitoring Coalition"</i> <i>"Shoreline Bacteria Monitoring"</i> <i>"Southern California Wetlands</i></p> | To acknowledge the contribution of these programs to the collection of water quality data and the assessment of the health of regional waters |

| 1994 BASIN PLAN | 2014 UPDATE | COMMENTS/JUSTIFICATION |
|-----------------|--|--|
| | <i>Recovery Project</i> | |
| | <p>Added a "Monitoring, Assessment and Tracking Databases" section including descriptions of the following databases:</p> <p><i>"California Integrated Water Quality System"</i></p> <p><i>"Stormwater Multiple Application and Report Tracking System"</i></p> <p><i>"GeoTracker"</i></p> <p><i>"California Environmental Data Exchange Network"</i></p> <p><i>"GeoTracker GAMA"</i></p> <p><i>"Electronic Water Rights Information Management System"</i></p> <p><i>"EcoAtlas"</i></p> | To describe online databases that serve as repositories for monitoring programs |
| | Added Table 6-1 to describe which databases are used as repositories for the data collected from the programs described | For clarity and to provide current information |
| | <p>Added a "Data Management and Assessment" including a discussion of</p> <p>"Biennial Water Quality Assessment Report and Impaired Waters List",</p> <p>"State of the Watershed Reports",</p> <p>"SWAMP Water Quality Assessment Reports",</p> <p>the "California Water Quality Monitoring Council",</p> <p>the "Contaminated Sediment Task Force/Dredge Material Management Team"</p> | To describe how those programs use collected data to assess the quality of regional waters, make managing decisions, or recommend further monitoring |
| | Added web links to the described programs and databases where available | Included to provide additional information |

IV. REFERENCES

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State Water Resources Control Board (State Water Board), September, 2008. “*Water Quality Control Policy for Guidance on Development of Regional Toxic Hot Spot Cleanup Plans.*” State Water Board Resolution No. 98-090.

State Water Resources Control Board (State Water Board), May, 2009. “*Actions to Improve Administration of the Underground Storage Tank (UST) Cleanup Fund and UST Cleanup Program*”. State Water Board Resolution No. 2009-0042

State Water Resources Control Board (State Water Board), 2009 (amended 2013). “*The Recycled Water Policy*” State Water Board Resolution No. 2009-0011 and No. 2013-0003.

State Water Resources Control Board (State Water Board), November, 2009. “*Adoption of the Water Quality Enforcement Policy*”. State Water Board Resolution No. 2009-0083.

State Water Resources Control Board (State Water Board), February, 2009. “*Policy on Supplemental Environmental Projects.*” State Water Board Resolution No. 2009-0013.

State Water Resources Control Board (State Water Board), May 2010 (amended July 2011 and June 2013). “*Policy on the Use of Coastal and Estuarine Waters for Power Plant Cooling*” State Water Board Resolution No. 2010-0020, No. 2011-0033 and No. 2013-0018.

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