

**CBDA DRINKING WATER QUALITY PROGRAM
STRATEGIC PLAN OUTLINE**

EXECUTIVE SUMMARY - 1 -

- CBDA Drinking Water Quality Program Overview - 1 -
- Program Goals and Objectives..... - 1 -
- Strategic Planning Approach - 1 -
- Program Activities - 1 -
- Program Implementation Plan - 1 -
- Monitoring and Reporting..... - 1 -

CHAPTER 1. INTRODUCTION - 1 -

- Purpose of the Strategic Plan..... - 1 -**
- Background..... - 2 -**
 - CALFED Bay-Delta Program..... - 2 -
 - Drinking Water Quality Program..... - 2 -
- The Regulatory Context of the DWQP - 2 -**
- The Strategic Planning Approach..... - 2 -**
 - Previous Drinking Water Quality Planning - 2 -
 - Equivalent Level of Public Health Protection (ELPH) - 2 -
 - Regional Planning for Water Quality..... - 2 -
 - Types of Program Activities - 3 -
 - Prioritizing Program Activities - 3 -
 - Adaptive Management..... - 3 -

CHAPTER 2. DRINKING WATER QUALITY GOALS AND OBJECTIVES - 3 -

- Background..... - 3 -**
 - Existing Conditions..... - 3 -
 - Anticipated Changes..... - 3 -
- Drinking Water Quality Program Goal..... - 3 -**
- Drinking Water Quality Program Objectives..... - 3 -**
- Rationale for the Goals and Objectives - 3 -**

CHAPTER 3. PLAN OF ACTION..... - 3 -

- Guiding Regional ELPH Programs and Priorities - 3 -
- System-wide Projects and Management Actions - 4 -
- Coordination with and Evaluation of Other Projects and Programs - 4 -
- Drinking Water Quality Research Activities - 4 -

CHAPTER 4. PROGRAM IMPLEMENTATION - 4 -

- Management Approach..... - 4 -
- Roles and Responsibilities - 4 -

Funding Strategy	- 4 -
Grant Funding Guidelines and Criteria	- 4 -
Regulatory Compliance	- 4 -

CHAPTER 5. MONITORING AND REPORTING	- 5 -
Program Performance Measures	- 5 -
Monitoring and Assessment	- 5 -
Management Reports	- 5 -

APPENDICES	- 5 -
Appendix A. Strategic Planning Definitions.....	- 5 -
Appendix B. Strategic Planning Participants.....	- 5 -
Appendix C. Other Activities and Actions Considered	- 5 -
Appendix D. Performance Measures and Environmental Indicators.....	- 5 -
Appendix E. Annual DWQP Plan	- 5 -

Executive Summary

CBDA Drinking Water Quality Program Overview

Program Goals and Objectives

Strategic Planning Approach

Program Activities

Program Implementation Plan

Monitoring and Reporting

Chapter 1. Introduction

Purpose of the Strategic Plan

This Strategic Plan describes the strategies and activities the Drinking Water Quality Program (DWQP) of the California Bay-Delta Authority (CBDA) will implement to accomplish the drinking water quality goals of the CALFED Bay-Delta Program. This plan was developed by the CBDA Drinking Water Subcommittee (DWS) for review and approval by the Bay-Delta Public Advisory Committee (BDPAC) and CBDA. The strategic plan synthesizes and organizes the goals, objectives, strategies, and actions developed in previous drinking water quality program planning, and establishes priorities for action and funding. The strategic plan is based on the following documents and planning activities:

- CALFED Bay-Delta Program Water Quality Program Plan (CALFED, 2000)
- CALFED Bay-Delta Program Record of Decision (CALFED, 2000)
- Equivalent Level of Public Health Protection Draft Decision Tree (Drinking Water Subcommittee, 2002)
- CALFED Drinking Water Quality Conceptual Framework (DWS, 2002)
- Drinking Water Quality Program Multi-year Program Plan (CALFED/CBDA, 2003)
- Drinking Water Quality Program Year 4 Workplan (CBDA, 2003)

This strategic plan is intended to guide the CBDA Drinking Water Quality Program implementation through 2008. The DWQP will prepare annual progress reports to document accomplishments. The Drinking Water Subcommittee, BDPAC, and CBDA will review and refine program priorities annually to adapt to program accomplishments and changing conditions.

Background

CALFED Bay-Delta Program

Brief overview of CALFED Program

Drinking Water Quality Program

Summarize major elements of ROD and WQPP related to drinking water

- Actions to Improve Drinking Water Quality
- Research
- Monitoring and Assessment
- Program Performance Measures and Progress Reporting

Describe organization of DWQP

- CBDA
- Implementing Agencies
- BDPAC and DWS

The Regulatory Context of the DWQP

Summarize the regulatory context including roles of implementing agencies, focusing on the gaps and needs that the CBDA Drinking Water Quality Program is in place to address, i.e., what are the key needs the DWQP is addressing.

- Clean Water Act and Porter-Cologne
- Safe Water Drinking Act
- Water Quality Control Plan for Sacramento and San Joaquin River Basins (Basin Plan)
- Water Quality Control Plan for the San Francisco Bay / Sacramento-San Joaquin Delta Estuary
- Anti-degradation Policy
- Sources of Drinking Water Policy

Strategic Planning Approach

Previous Drinking Water Quality Planning

Brief summary of previous work

Building on the ROD and previous planning

Equivalent Level of Public Health Protection (ELPH)

Multi-level protection strategy

Tools for addressing ELPH (Source Improvement, Conveyance, Storage, Treatment, other Water Management Actions).

Regional Planning for Water Quality

Brief description of approach and rationale for regional planning

Types of Program Activities

Categories of Activities in the Strategic Plan

- Near-term Actions to Improve Drinking Water Quality
- Long-term Actions to Improve Drinking Water Quality
- Coordination with and Evaluation of Other Projects and Programs
- Water Quality Research Needs
- Monitoring and Assessment
- Program Performance Measures and Progress Reporting

Prioritizing Program Activities

Description of prioritizing process

Adaptive Management

Description of how the strategic plan will adapt to future changes

Chapter 2. Drinking Water Quality Goals and Objectives

Background

Existing Conditions

Brief description of drinking water system and current quality

Anticipated Changes

Brief description of anticipated changes in water quality and drinking water requirements.

Drinking Water Quality Program Goal

Goal statement

Drinking Water Quality Program Objectives

Listing of objectives

Rationale for the Goals and Objectives

Brief summary of the history and synthesis of previous goal statements and DWS work

Chapter 3. Plan of Action

This chapter will describe the priority DWQP activities and actions to accomplish the DWQP goals and objectives.

Guiding Regional ELPH Programs and Priorities

DWQP activities to guide and support regional planning and coordination

System-wide Projects and Management Actions

Near-term and Long-term projects and programs to address drinking water quality that address system-wide drinking water quality improvements (i.e., projects that benefit more than one region).

- Source Improvement
- Conveyance
- Storage and Exchanges
- Other Sources
- Treatment and Distribution

Coordination with and Evaluation of Other Projects and Programs

Program activities to coordinate with other projects and program and ensure that those programs address drinking water quality.

Drinking Water Quality Research Activities

Program activities to improve the understanding of the drinking water system, close knowledge gaps, and develop and refine models (monitoring is described in Chapter 5)

Chapter 4. Program Implementation

Management Approach

Approach and organization for managing the plan of action, including the multi-year and annual program plans

Roles and Responsibilities

Roles and responsibilities of CBDA, implementing agencies, Science Program, and others in implementing the strategic plan

Funding Strategy

Description of sources of funds, funds available, and needs for additional funding

Grant Funding Guidelines and Criteria

Guidance and criteria for grant funding of regional or system-wide activities through existing grants programs

Regulatory Compliance

Summary of anticipated regulatory compliance needs to implement the action plan and approach for achieving compliance (reference other CALFED documents?)

Chapter 5. Monitoring and Reporting

Program Performance Measures

Description of the mechanisms for measuring the progress and accomplishments of the DWQP

Monitoring and Assessment

Description of the plan for monitoring water quality parameters to assess the physical conditions that influence drinking water quality

Management Reports

Description of the structure, content, audience, and timing of management reports to describe DWQP progress and water quality conditions

Appendices

Appendix A. Strategic Planning Definitions

- Glossary of Terms
- Acronyms

Appendix B. Strategic Planning Participants

- BDPAC Members
- DWS Members
- CBDA and DWQP Staff
- Other Participants

Appendix C. Other Activities and Actions Considered

- Considered and eliminated from further consideration
- Reserved for future consideration

Appendix D. Performance Measures and Environmental Indicators

Appendix E. Annual DWQP Plan