

# The Quality Assurance/Quality Control Website at the State Water Resources Control Board

Renee Spears

QA Officer

State Water Resources Control Board

May 28, 2014

# QA/QC Website

- Website debuted in January 2014.
- It will evolve to include more information such as guidance documents.
- Repository of developed QA/QC documents.

# QA/QC Website

- The Quality System was introduced by US EPA in guidance documents in 1999.
- Quality assurance and quality control are components of a quality system.
- The Waterboards use this Quality System approach developed by US EPA.

# QA/QC

- QA/QC is one of the tools that SWAMP provides to other programs, agencies, and organizations to help ensure consistent document data quality.
- Monitoring Council's Healthy Streams Partnership
- Bioaccumulation Oversight Group-Safe to Eat Fish

[http://www.swrcb.ca.gov/water\\_issues/programs/qu](http://www.swrcb.ca.gov/water_issues/programs/qu) State Water Resources Cont... X

Suggested Sites HP - See What's Hot Novell WebAccess (Renee... Web Slice Gallery

**STATE WATER RESOURCES CONTROL BOARD**

[Home](#) [About Us](#) [Public Notices](#) [Board Info](#) [Board Decisions](#) [Water Issues](#) [Publications/Forms](#) [Press Room](#)

[Programs](#) | [Available Documents](#) | [Hot Topics](#)

Office of Governor  
**Edmund G. Brown Jr.**  
[Visit his Website](#)

**Board Chair**  
**Felicia Marcus**  
[Visit the Water Board Members Page](#)

- Cal/EPA
- State and Regional Water Boards' Map
- Board Priorities
- Laws/Regulations
- Plans/Policies
- Programs
- Decisions Pending and Opportunities for Public Participation

**Agendas**  
 English/Español

Home → Water Issues → Programs → Quality Assurance

## Quality Assurance/Quality Control

**Welcome to the Quality Assurance/Quality Control Website**

Quality assurance and quality control are components of a quality system. A quality system is a structured system that describes the policies and procedures for ensuring that work processes, products, or services satisfy the user's specifications and expectations. A quality system is the means by which an organization manages its quality aspects. These aspects are Project Management, Data Generation and Acquisition, and Assessment and Oversight.

The State Water Resources Control Board has prepared documents that are used in our Quality System. They consist of the Quality Management Plan (QMP) which is the overall Quality Assurance (QA) plan for the entire State Water Resources Control Board; Quality Assurance Program Plans (QAPrP), e.g. SWAMP's QA Program Plan; and numerous Quality Assurance Project Plans (QAPP).

---

**How can we help you?**

WHAT IS QA/QC?	WHAT IS A QUALITY SYSTEM?
<a href="#">Quality Assurance (QA)</a> <a href="#">Quality Control (QC)</a> <a href="#">Online QA/QC Training</a>	<a href="#">Difference between a (QMP), (QAPrP) and a (QAPP)</a> <a href="#">Quality Assurance Program Plan (QAPrP)</a> <a href="#">SWAMP QAPrP</a>

[Home](#) → [Water Issues](#) → [Programs](#) → [Quality Assurance](#)



- [Cal/EPA](#)
- [State and Regional Water Boards' Map](#)
- [Board Priorities](#)
- [Laws/Regulations](#)
- [Plans/Policies](#)
- [Programs](#)
- [Decisions Pending and Opportunities for Public Participation](#)

[Agendas](#)  
[English/Español](#)



## Quality Assurance/Quality Control - FAQs

Click on the grey bars below to view answers.

- [+ What Is Quality Assurance \(QA\)?](#)
- [+ What Is Quality Control \(QC\)?](#)
- [+ What Is A Quality Assurance Project Plan \(QAPP\)?](#)
- [+ How Do I Develop A QAPP?](#)
- [+ Can I Reference Other Documents In My QAPP?](#)
- [+ Are There Example QAPPs I Can Look At?](#)
- [+ What Are Measurement Quality Objectives \(MQOs\)?](#)
- [+ What Are Reporting Limits \(RLs\)?](#)
- [+ What Is The SWAMP Quality Assurance Program Plan \(QAPrP\)?](#)
- [+ How Does A QAPrP Differ From A QAPP?](#)

# State of California Water Resources Control Board

## Quality Management Plan

### Policy Guidance

Version 1.0

October 1, 2010

## Specifications for non-EPA Organizations

Quality specifications for non-EPA organizations are defined in the Code of Federal Regulations. The Quality Staff issues documents to provide information on satisfying the Federal Regulations for organizations receiving financial assistance from EPA through extramural agreements (e.g., contracts, grants, cooperative agreements, and interagency agreements). These documents may be used by EPA organizations as well.

### Specifications for Non-EPA Organizations Invoked Through Individual Agreements or the Code of Federal Regulations

Title	Publication Number and Date	Description
EPA Requirements for Quality Management Plans (QA/R-2)	<a href="#">EPA/240/B-01/002</a> <a href="#">March 2001</a> (PDF 30pp, 86K <a href="#">About PDF</a> )  <a href="#">Reissue Notice May 2006</a> (PDF) 2pp, 91K <a href="#">About PDF</a>	Specifications for Quality Management Plans for organizations that receive funding from EPA. These specifications are equivalent to Chapter 3 of EPA Manual CIO 2105-P-01-0. For more information and resources, see <a href="#">Tools - Quality Management Plans</a> .
EPA Requirements for QA Project Plans (QA/R-5)	<a href="#">EPA/240/B-01/003</a> <a href="#">March 2001</a> (PDF 40pp, 120K <a href="#">About PDF</a> )  <a href="#">Reissue Notice May 2006</a> (PDF) 2pp, 91K <a href="#">About PDF</a>	Specifications for QA Project Plans prepared for activities conducted by or funded by EPA. These specifications are equivalent to Chapter 5 of EPA Manual CIO 2105-P-01-0. For more information and resources, see <a href="#">Tools - QA Project Plans</a> .

[Top of Page](#)

## General Guidance

The Quality Staff issues documents to assist in the development and implementation of a suitable Quality System for both EPA and non-EPA organizations. These documents provide guidance to program managers and technical staff. They do not impose legally binding requirements and may not apply to a particular situation based on the circumstances. EPA retains the discretion to adopt approaches on a case-by-case basis that differ from these guidance where appropriate. EPA may periodically revise these guidance without public notice.

### General Guidance

Title	Publication Number and Date	Description
Overview of the EPA Quality System for Environmental Data and Technology	<a href="#">EPA/240/R-02/003</a> <a href="#">November 2002</a> (PDF 35pp, 160K <a href="#">About PDF</a> )	Information on existing Agency policies, responsibilities, and resources to use in implementing both the EPA Quality System and your organization's Quality System. For more information and resources, see <a href="#">Policies and Procedures for EPA Organizations</a> and <a href="#">Quality Specifications for Non-EPA Organizations</a> .
Guidance for Developing Quality Systems for Environmental Programs (QA/G-1)	<a href="#">EPA/240/R-02/008</a> <a href="#">November 2002</a> (PDF 114pp, 569K <a href="#">About PDF</a> )  <a href="#">Reissue Notice January 2008</a> (PDF 2pp, 91K <a href="#">About PDF</a> )	Guidance on developing and documenting the elements of a functional quality system in organizations that carry out environmental data operations within, or on behalf of, EPA. For more information and resources, see <a href="#">Tools - Quality Management Plans</a> .
Guidance on Assessing Quality Systems (QA/G-3)	<a href="#">EPA/240/R-03/002</a> <a href="#">March 2003</a> (PDF 83pp, 556K <a href="#">About PDF</a> )	Guidance on assessing the adequacy and effectiveness of an environmental quality system. For more information and resources, see <a href="#">Tools - Quality Systems Assessments</a> .



# Comments About the Website

- The site is a “Work in Progress.”
- Please take a few minutes to review the website and provide me your comments.
- Should other information be included to assist people interested in QA/QC?

# QA/QC Website

## *Getting the Word Out*

- State Board and Regional Board Websites
- Programmatic Round Tables
- Presentations to governmental agencies
- Presentations to Citizen Monitoring Groups
- Conversations and e-mails with co-workers and colleagues

# QA/QC Websites

- [http://www.swrcb.ca.gov/water\\_issues/programs/quality\\_assurance/index.shtml](http://www.swrcb.ca.gov/water_issues/programs/quality_assurance/index.shtml)
- [http://www.epa.gov/quality1/qa\\_docs.html](http://www.epa.gov/quality1/qa_docs.html)

# Questions?

# Contacts

- Renee Spears-QA Officer-SWRCB (916) 341-5583  
[renee.spears@waterboards.ca.gov](mailto:renee.spears@waterboards.ca.gov)