

# Clean Water Act Section 319 Program

Board of Forestry – Effectiveness Monitoring Committee

*May 21, 2015*

- **Brief Overview of the CWA 319 Program**
- **Grant Proposal Process**
- **Scoring Criteria Used to Evaluate Projects**
- **Monitoring and Reporting Requirements**
- **319 Funded Projects and Their Distribution**
- **Questions and Contacts**

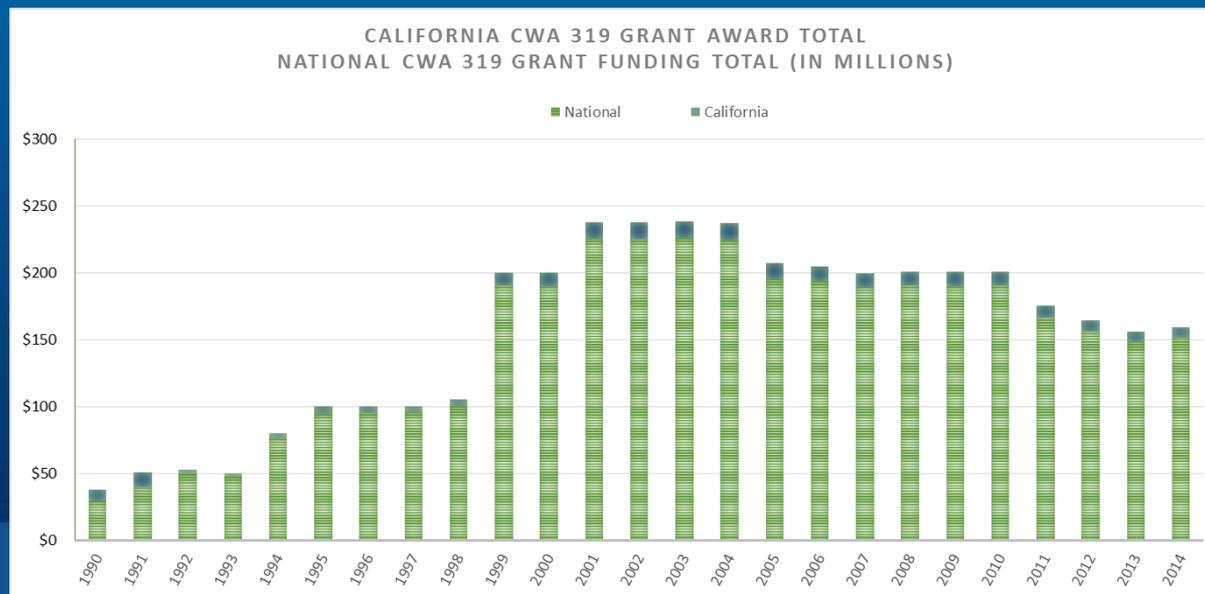
# Goal of CWA 319

**Goal: Improve and maintain water quality by addressing NPS pollution sources**

**Measure of Success: Waters with improving quality or that now meet state water quality standards → delisting impaired waters**

**How:**

- Staffing support at state and local levels, planning, technical assistance, monitoring, building partnerships.
- Grants to states/tribes for technical and financial assistance, education, training, technology transfer, demonstration projects, on-the-ground BMPs, and monitoring.



# Organization and Function of 319 Program

## US EPA

Region 9 - Water Division  
Nonpoint Source Pollution & Watershed Priorities

- Administers Federal Grant Funding Requirements
- Develops 319 Program Guidelines
- Reviews and Approves Program Plans
- Provides Grant Assistance

## State Water Resources Control Board

Division of Water Quality  
Nonpoint Source Unit

- Administers State Grant Funding Requirements
- Develops 319 Grant Proposal Guidelines
- Reviews and Approves Regional Board Program Plans
- Maintains Program Information and Web Content
- Prepares and Reviews Program Reporting

## 9 Regional Water Quality Control Boards

Nonpoint Source / 319

- Administers Project Grant Funding Requirements
- Develops Project Scopes of Work
- Reviews and Approves Invoices
- Provides Technical Assistance
- Determines Regional Program Preferences

## Eligible Agencies

- Local public agencies
- Public agencies
- Public colleges
- 501 (c)(3) nonprofit organizations
- Federally recognized Indian tribes
- Federal and state agencies

- Administers Project Subcontractor Agreements
- Implements Project Activities
- Provides Public Outreach and Education
- Submits Monitoring or Reporting Requirements
- If applicable, ensure third party certifications

# Grant Proposal Process

## Determining Eligibility

In general, to be eligible for CWA 319(h) funding, projects must meet the following requirements:

- **Address one or more of the NPS Program Preferences...**
- **Located in a watershed that has a plan or suite of plans that meet the Nine Key Elements of Watershed Plan.**
- **Provide the minimum match funding of 25 percent of the total project cost (individual septic system upgrades requires a minimum match of 75 percent).**
- **Located in an area not subject to a National Pollutant Discharge Elimination System (NPDES) permit. (Note: Projects are not subject to this requirement if the project activity is specifically excluded/exempted from the requirements of the NPDES permit.)**

In addition to be eligible the applicants must work with the appropriate Regional Water Board Grant Contact when developing their proposals.

*Note:* Regional Board Grant contacts identified in the current CWA 319(h) Grant Program Guidelines of the Solicitation Notice.

# Eligibility Criteria for 319 Proposals

**...All Program Preferences are in watersheds with an adopted/nearly adopted TMDL addressing the constituent of concern.**

- 3 to 5 watersheds or reaches in each region, based on what scale the TMDL was written for... (Program Preferences for each region are included in the annual Solicitation Guidelines)
- Can demonstrate the key elements of a watershed based plan.
- Project is not required by an enforcement order, civil settlement, or judicial order.
- No projects that are solely education and outreach or planning...However, planning education and outreach can be funded as a necessary part of an implementation project.

# Eligibility Criteria for 319 Proposals

Program Preferences are in watersheds with an adopted/nearly adopted TMDL addressing the constituent of concern.

2012 Integrated Report | **Map** | 303(d) List | Admin. Record | Contact Us

**2012 INTEGRATED REPORT — 303(D) LISTED WATERS**

Zoom to county:  Zoom to Regional Board:

Show county  Show Regional Board

Map Help

Zoom to water body: (Filter: All)  Filter list by:  Reset list

Show all assessed waters  
 Show only impaired ("303(d)-listed") waters

Show water bodies by pollutant:

Pollutant category: All

Pollutant: All

Reset

2012 Integrated Report | **303(d) List** | Admin. Record | Contact Us

**PROPOSED 2012 CLEAN WATER ACT SECTION 303(D) LIST - STATEWIDE**

Under CWA section 303(d), states are required to submit to U.S. EPA a list identifying waters within its boundaries not meeting water quality standards (impaired waters and the water quality parameter (i.e., pollutant) not being met (referred to as the 303(d) List). States are required to include a priority ranking of such waters, taking into account the severity of the pollution and the uses to be made of such waters, including waters targeted for the development of total maximum daily loads (TMDLs). The current list, approved by the EPA, is the 2012 303(d) List. The [Water Quality Control Policy for Developing California's Clean Water Act Section 303\(d\) List \(Listing Policy\)](#) describes the requirements for developing the 303(d) list in California.

In addition to the impaired water body list required by Clean Water Act Section 303(d), Clean Water Act section 305(b) requires states to report to U.S. EPA on the overall water quality conditions of their surface waters, not just those that are impaired (this is referred to as the 305(b) Report). Both Clean Water Act section 303(d) and section 305(b) requirements are being satisfied through the 2012 California Integrated Report. (See "2012 Integrated Report" tab)

In California, the 303(d) list is made up of three of the Integrated Report categories, 4a, 4b, and 5. These categories contain water bodies that have listed pollutants that are still requiring the development of a TMDL, are being addressed by a U.S. EPA approved TMDL, or a U.S. EPA approved action other than a TMDL. Below are the Integrated Report Category Reports that make up the 303(d) list and the Factsheets that contain the supporting information for listing decisions:

**303(d) Category Lists:**

- [Category 4a](#)
- [Category 4b](#)
- [Category 5](#)

**Supporting Information:**

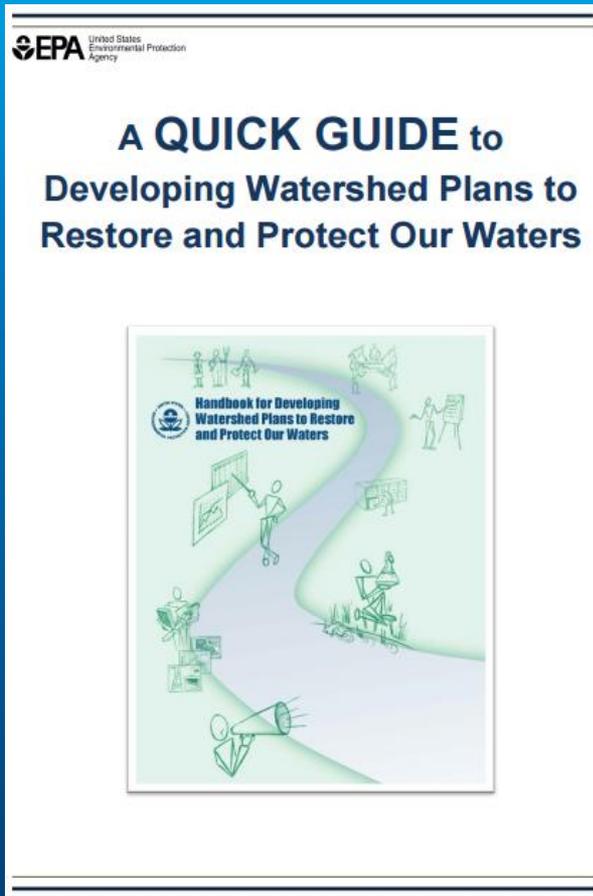
[Comprehensive Report](#) — supporting information detailing all assessment decisions

Statewide **CATEGORY 5** 2012 CALIFORNIA 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS<sup>1</sup> Final 2012 Integrated Report (CWA Section 303(d) List / 303(b) Report)

Category 5 criteria: 1) A water segment where standards are not met and a TMDL is required, but not yet completed, for at least one of the pollutants being listed for this segment.  
<sup>1</sup> CWSW-HUC = US Geological Survey Hydrologic Unit Code-Catchment; State Water Resources Control Board Hydrologic Subunits or even smaller planning watersheds.  
<sup>2</sup> TMDL requirement status definitions for listed pollutants are: A= TMDL still required; B= being addressed by USEPA approved TMDL; C= being addressed by action other than a TMDL.  
<sup>3</sup> Data relate to the TMDL requirement status, to a date for an TMDL schedule completion date; B= Date USEPA approved TMDL; and C= Completion date for action other than a TMDL.

REGION	WATER BODY NAME	WATER TYPE	WATERSHED <sup>1</sup> CALWATER / USFWS HUC	POLLUTANT POTENTIAL SOURCES <sup>2</sup> Relevant Name	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT DATE <sup>3</sup>
1	Bia River Beach at Mendocino Bay	Coastal & Bay Shoreline	1113.300405 / 18010108	• <a href="#">Indicator Bacteria</a> • Source Unknown	3.9 Miles	2010	5A / 2025
1	Bodega HU, Bodega Harbor HA	Bay & Harbor	11522000 / 18010111	• <a href="#">Invasive Species</a> • Source Unknown	810 Acres	2006	5A / 2025
1	Bodega HU, Estero Americano HA, Americano Creek	River & Stream	11530000 / 18010111	• <a href="#">Nutrients</a> • Source Unknown	38 Miles	1996	5A / 2025
1	Bodega HU, Estero Americano HA, estuary	Estuary	11530012 / 18010111	• <a href="#">Nutrients</a> • Source Unknown • <a href="#">Sedimentation/Siltation</a> • Source Unknown	199 Acres	1996	5A / 2025
1	Bodega HU, Estero de San Antonio HA, Serrano Creek Estero de San Antonio	River & Stream	1115.400001, 1115.400002, 1115.400003 / 18010111	• <a href="#">Nutrients</a> • Source Unknown • <a href="#">Sediment</a> • Source Unknown	87 Miles	2012	5A / 2025
1	Campbell Cove	Coastal & Bay Shoreline	1115.210000, 1115.220000 / 18010111	• <a href="#">Indicator Bacteria</a> • Source Unknown	0.24 Miles	2006	5A / 2019

# Eligibility Criteria for 319 Proposals



## Summary of the nine minimum elements to be included in section 319-funded watershed plans for threatened or impaired waters

- a. Identify causes and sources of pollution
- b. Estimate pollutant loading into the watershed and the expected load reductions
- c. Describe management measures that will achieve load reductions and targeted critical areas
- d. Estimate amounts of technical and financial assistance and the relevant authorities needed to implement the plan
- e. Develop an information/education component
- f. Develop a project schedule
- g. Describe the interim, measurable milestones
- h. Identify indicators to measure progress
- i. Develop a monitoring component

# Grant Proposal Process Timeline

319	Key Dates*
Regional Boards Submit Program Preferences	First week May, 2015
Final Preferences (after State Board-EPA Review Preferences)	Monday, May 18, 2015
<b>Revised General Grant Guidelines</b> <ul style="list-style-type: none"> <li>• Updated Regional Preference List</li> <li>• Funded project types (Implementation and/or Planning/Assessment)</li> <li>• Recommended funding for each project type.</li> </ul>	Monday, June 1, 2015
Present General RFP Guidelines including RWQCB NPS Program Preferences to the State Water Resources Control Board for approval	July 2015 State Board meeting (must submit board items 6 week in advance ~mid May)
Concept Proposal Application and Reviewer questions	Friday, July 24, 2015
Concept Proposal Application Period (6 weeks)	Monday Aug 3 – Wed, Sep 9, 2015
Concept Proposal Review Period (~5 weeks)	Wed, Sep 16 – Thurs, Oct 22, 2015
<u>Concept Proposal Review Due Dates</u>	
Planning Proposals (Planning available on 9/17)	Tues, Oct 20, 2015
Implementation Proposals (Implementation available on 9/19)	Tues, Oct 20, 2015
Concept Proposal Selection	Tues, October 27 <sup>th</sup> & Wed, 28 <sup>th</sup> , 2015
Full Proposals Application Period (~9 weeks)	Monday, Nov 9 – Jan 14
Full Proposals Conference Calls (5 weeks)	Monday Nov 9 – Dec 18
Full Proposals Review (~5 weeks)	Wed, Jan 20 – Thur, Feb 25
Planning Project Reviews due:	Tues, Feb 23, 2016
Implementation Projects Reviews due:	Tues, Feb 23, 2016
<u>Full Proposals Selection at the State Board</u>	
Planning Full Proposals	Tues, March 1-2, 2016
Implementation Full Proposals	
State Board Executive Director Approves Final Recommended Project Funding	April 2016

\* Key dates subject to change

# Scoring Methods for 319 Proposals

## Summary of Proposal Scoring

<b>Concept Proposal</b>	<b>Points Possible</b>	<b>Full Concept Proposal</b>	<b>Points Possible</b>
1. Watershed Description	5	Consistency with the Concept Proposal and Responses to Reviewer Comments (Two-page limit)	5
2. Watershed Approach	5	Section A.1. Watershed Description	5
3. Project Description	5	Section A.2. Project Description	5
4. Results	10	Section A.3. Project Relationship to Existing TMDLs	10
5. Technical Approach	10	Section B: Technical Approach	10
6. Project Tracking	5	Section C. Monitoring and Assessment of Project Outcomes	5
7. Water Quality Monitoring	5	Section D.1 Project Relationship to Existing Watershed Plans	5
8. Experience and Expertise	10	Section D.2: Watershed Approach and Stakeholder Involvement	5
9. Readiness to Proceed	5	Section D.3 Outreach and Education	5
10. Adaptability/Transferability	4	Section E. Project Team, Administration, and Partners	10
11. Budget	5	Section F. Readiness to Proceed	5
-	-	Section G. Project Financing and Funding Match	15
-	-	Section H. Adaptability/Transferability (up to 2 points each)	4
-	-	Section I. Environmental Justice	2
<i>subtotal</i>	69	<i>subtotal</i>	91

### Changes for 2016 Proposal Solicitation:

- Current Full Proposal elements now part of concept proposal phase
- Revised Full Proposal phase intended to refine scope-of-works, project budgeting, nine key elements of a watershed plan, and readiness timeline.

# Scoring Methods for 319 Proposals

Unless otherwise noted, each criterion will be scored on a scale of 0 to 5, 0 to 10, or 0 to 15, with 0 being the "low" and a 5, 10, or 15 being "high". Points are then assigned to the Proposal for each criterion, as indicated in the Full Proposal Scoring Table below. Assign only "whole number values" for your scores and do not use "decimal values".

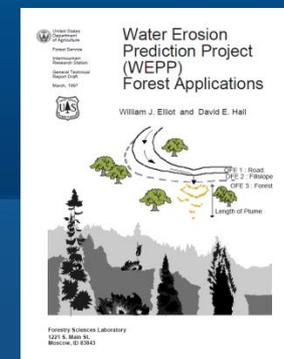
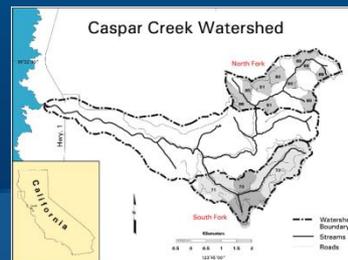
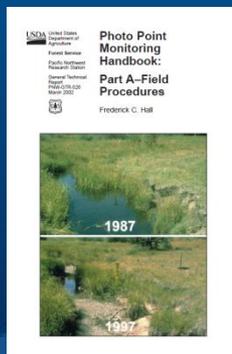
Scoring Range			Grade	Scoring Rationale
0-5	0-10	0-15		
5	10	15	A	Question is fully addressed and supported by logical rationale
4	7-9	10-14	B	Question is fully addressed but partially supported by logical rationale
2-3	4-6	5-9	C	Question is partially addressed and partially supported by logical rationale
1	1-3	1-4	D	Question is partially addressed and not supported by logical rationale
0	0	0	F	Applicant is not responsive (i.e. the question is not addressed and no rationale is presented).

- Multiple reviewers, at least one from USEPA, State Board, and Regional Boards
- All reviewers scores are averaged into a composite score.
- Final composite score basis of final ranking.
- Final selection based on the highest ranked projects that are most likely to execute the grant agreement conditions.

# Monitoring and Reporting for 319 Projects

## All 319 Grant Projects have some form of Monitoring (Implementation, BMP Effectiveness, Load Reduction)

- If environmental water quality monitoring (chemical, physical, or biological) is undertaken, the Grantee shall prepare, maintain, and implement a Monitoring Plan (MP).
- If an MP is prepared, the Grantee shall also prepare, maintain, and implement a Quality Assurance Project Plan (QAPP) in accordance with the State Water Board's Surface Water Ambient Monitoring Program's (SWAMP) QAPP and data reporting requirements, the SWAMP Quality Assurance Program Plan Guidelines available at:  
[http://www.waterboards.ca.gov/water\\_issues/programs/swamp/docs/qapp/qaprp082209.pdf](http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/qapp/qaprp082209.pdf)), and the USEPA QAPP, EPA AQ/R5, 3/01.
- The Grantee, if applicable, shall upload all water quality data obtained through its implementation of the MP to the California Environmental Data Exchange Network (CEDEN).



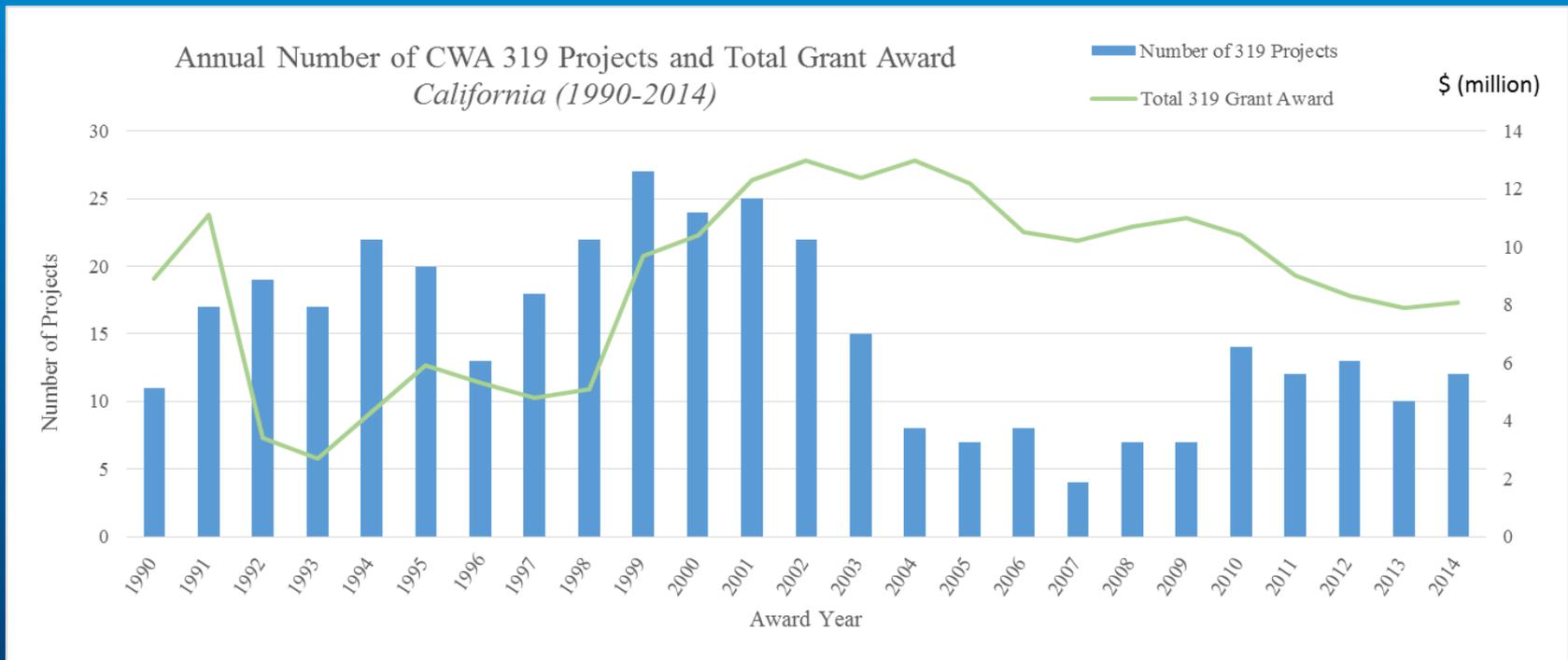
# Monitoring and Reporting for 319 Projects

## All 319 Grant Projects have reporting Requirements

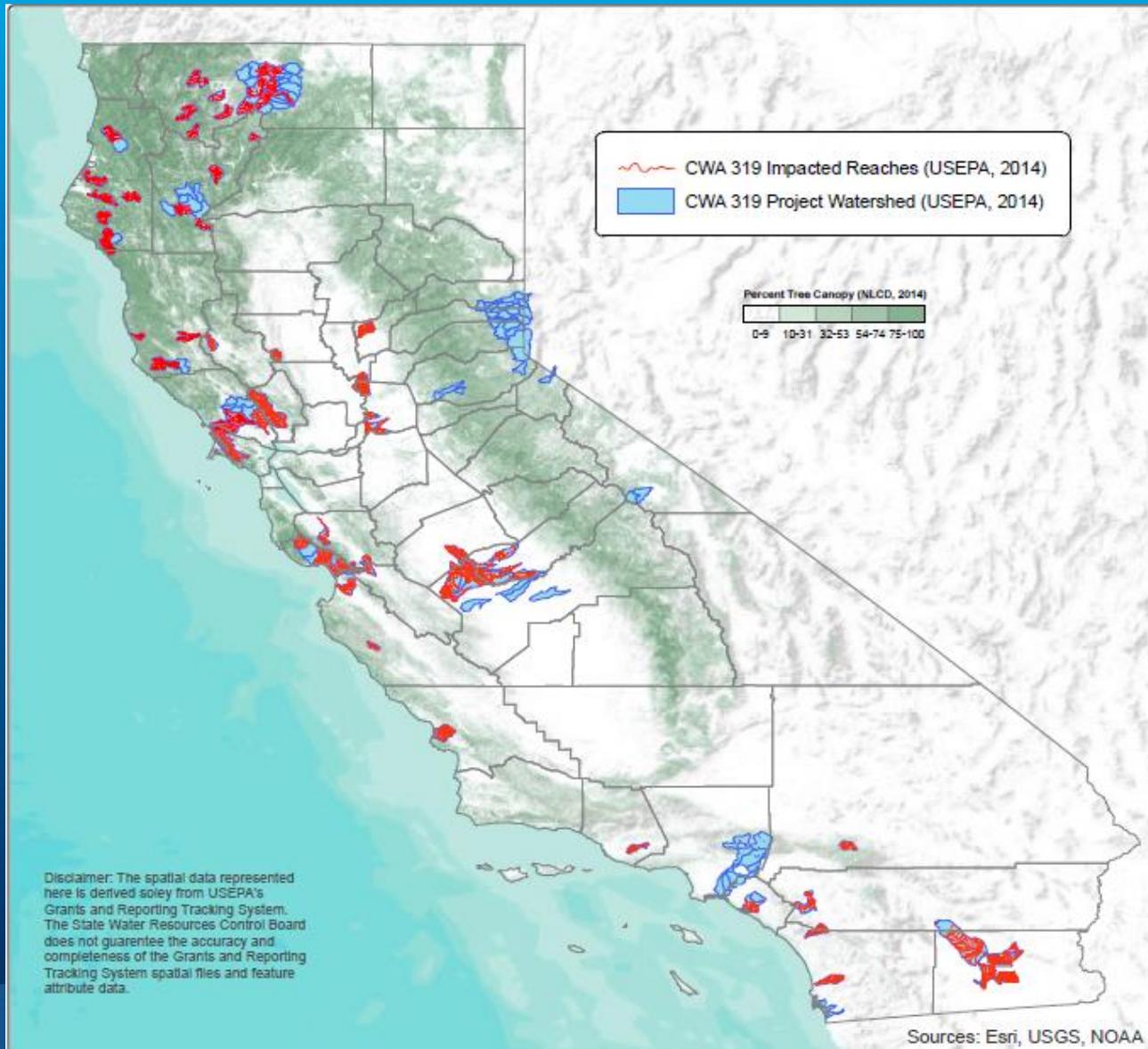
Reporting requirements are articulated in the Grant Agreement under:

- Exhibit A Scope of Work – Work To Be Performed By The Grantee
- Exhibit B Invoicing, Budget Detail, and Reporting Provisions
- Exhibit C General Terms & Conditions
- Exhibit D Special Conditions

# CWA 319 Projects and Distribution



# CWA 319 Projects and Distribution



# Questions

## Contacts

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# Water Boards CWA 319 Link

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## Nonpoint Source Pollution (NPS) Control Program

### GRANTS & FUNDING

The NPS Program administers grant money it receives from United States Environmental Protection Agency through Section 319(h) of the Federal Clean Water Act. These grant funds can be used to implement projects or programs that will help to reduce NPS pollution. Projects that qualify for funding must be conducted within the state's NPS priority watersheds. Project proposals that address Total Maximum Daily Load implementation and those that address problems in impaired waters are favored in the selection process. There is also a focus on implementing management activities that lead to reduction and/or prevention of pollutants that threaten or impair surface and ground waters.

#### NPS GRANT PROGRAM

- [Overview of NPS Grant Program](#) - provides background information on the CWA 319 grant and what types of projects are eligible.
- [Grant Solicitation Notice](#) - this website contains CWA 319(h) program contracts, schedules and program guidelines.
- [NPS Grant Fact Sheet](#) - this document contains brief program description and requirements.
- [NPS Grant Program Frequently Asked Questions](#) - this document provide answers to common questions by applicants who are interested in the NPS Grant Program.

#### GRANT FORMS

- [General Information and Forms](#) - this is Division of Financial Assistance's website. The website contains additional information on grants and forms.
- [Grant Progress Report \(GAPRs\) Template](#) - this is a form used by all CWA 319(h) grant recipients to report quarterly on the progress of their grant projects.
- [Example-GAPR](#) - this document is an example of a grant progress report.
- [Minority and Women Owned Business Enterprise \(MBE-WBE\) Form](#) - these forms should be submitted quarterly along with grant progress report.
- [MBE-WBE-with guidance](#) - this document contains more information on how to fill out MBE-WBE forms.
- [Deviation Request Form](#) - this is form should be filled out for CWA 319(h) projects that propose changes to the executed grant agreement.
- [Time Extension Form](#) - this form should be filled out if project completion date needs to be changed.

#### NPS GRANT PROJECT INFORMATION

- [Grant Reporting and Tracking System](#) - is an online database that provides status of the grant projects from the USEPA grant tracking database.
- [Project Summaries](#) - this is a website by Division of Financial Assistance, which provides a brief description of watershed projects awarded using CWA 319(h) dollars.

#### OTHER FUNDING OPPORTUNITIES

- [State Revolving Fund \(Expanded Use Projects\)](#)
- [San Francisco Bay Water Quality Improvement Fund](#)
- [Agricultural Grant Program](#)
- [California Clean Beach Initiative](#)

(Updated 6/11/14)

