



We've got the **green...**
to keep California's **water clean.**
CLEAN WATER STATE REVOLVING FUND

Clean Water Workshops

April - May 2010



AGENDA

- **Clean Water State Revolving Fund (CWSRF) Program**
 - Eligible applicants
 - Eligible projects
 - Financing terms
 - Expanded Use projects
 - Example of projects funded

- **American Recovery Reinvestment Act (ARRA) update**

- **CWSRF updates**

- **Project Priority List (PPL) / Intended Use Plan (IUP)**

- **Steps to apply**

- **Announcements**


- **Questions/Discussion**

WHY CLEAN WATER?

Clean water is essential to support the natural environment in which we live.



WHY THE CWSRF PROGRAM?



Provides low interest financial assistance for water quality projects to prevent pollution of the California waters.

ELIGIBLE APPLICANTS

- Any city, town, district, or other public body created under state law
- A Native American tribal government or an authorized Native American tribal organization having jurisdiction over disposal of sewage, industrial wastes or other waste
- Any designated and approved management agency under Section 208 of the Clean Water Act

FINANCING TERMS

These Terms may be adjusted yearly in the IUP depending on what sources are available.

- Interest Rate: ½ most recent General Obligation (GO) Bond rate (Currently 2.7%)
- Financing Term: 20 Years; 30 years for small disadvantaged communities
- Disbursement Amount: Maximum \$50 Million per agency/per year (may be waived)
- Repayment: Begins 1 year after completion of construction
- Program Funds Available: \$200-300 million available annually (typically)



ELIGIBLE PROJECTS:

(include, but are not limited to)

Construction of publicly-owned treatment facilities:

- Wastewater treatment
- Local sewers
- Sewer interceptors
- Water reclamation facilities;
- Stormwater treatment and
- Public Landfill leachate treatment facilities

EXPANDED USE

- Implementation of nonpoint source (NPS) projects; and
- Development and implementation of estuary comprehensive conservation and management plan.
 - Morro Bay
 - San Francisco Bay
 - Santa Monica Bay

NONPOINT SOURCE

Eligible Projects can address anything in the NPS Management Plan (Plan)

- Agriculture (such as irrigation BMPs, Dairy improvement projects and many others)
- Forestry (Silviculture)
- Urban (Stormwater BMPs, Treatment systems, Erosion control projects and many others)

NONPOINT SOURCE (cont'd)

- Marinas and Recreational Boating
- Hydromodification
- Wetlands, Riparian Areas, & Vegetated Treatment Systems
- Abandoned Mines

http://www.waterboards.ca.gov/water_issues/programs/nps/docs/planvol1.doc

ESTUARY

- Development and Implementation of Estuary Comprehensive Conservation & Management Plan.
 - Morro Bay
 - San Francisco Bay
 - Santa Monica Bay

<http://www.epa.gov/owow/estuaries/ccmp/index/htm>

STORMWATER

Stormwater can be funded as POTW or Expanded Use depending on whether the system is permitted.

Typical types of stormwater projects include:

- installation of stormwater control and treatment facilities.
- Cities, counties, districts and non-profit organizations have had stormwater projects funded through the CWSRF program.

STORMWATER (cont'd)

Examples Include:

- Installation of structural stormwater diversion controls, including ponds, pipes and other conveyance systems
- Installation of structural stormwater treatment controls, such as Continuous Deflective Units and trash racks Green infrastructure/low impact development projects which install natural vegetation for stormwater treatment
- Innovative and green stormwater management, capture and reuse devices, such as rainbarrels, cisterns and irrigation systems



EXAMPLE OF PROJECTS FUNDED

An aerial photograph of a river and creek system winding through a dense, lush forest. The water flows through a series of gravel bars and small pools, surrounded by various types of trees and vegetation. The overall scene is a natural, undisturbed landscape.

**BIG RIVER AND SALMON CREEK
CONSERVATION
FORESTRY ACQUISITION PROJECT**

CONSERVATION FUND MENDOCINO COUNTY

Received \$25,000,000 Loan

Big River and Salmon Creek Conservation Forestry Acquisition Project utilized low-interest funding helped purchase 11,600 acres of forestland in the Big River watershed (Big River Tract) and 4,345 acres of forestland in the Salmon Creek watershed (Salmon Creek Tract) to help achieve important water quality protection and enhancement goals.

- Implementing sustainable forest practices
- Reducing timber harvest levels
- Implementing measures to reduce Nonpoint Source pollution and related impacts from sediment.

The timber harvest was used to pay on the loan.



CITY OF ANTIOCH MARKLEY CREEK REMEDIATION PROJECT

CITY OF ANTIOCH

Received \$ 2,500,000 Loan

- The Project removed burned & unburned Municipal waste from the south and north banks of Markley Creek that was polluting the Creek after failure of landfill containment adjacent to the south bank.
- After trash removal, the channel banks were regraded. Fill material, erosion control, and landscape were installed.
- Markley Creek is the primary drainage coarse for the area, and is tributary to the San Joaquin River and the San Francisco Bay estuary.

A construction site for a wastewater treatment plant upgrade. The image shows a large concrete structure under construction, with a dense grid of steel rebar and red plastic formwork. A worker in a red shirt and blue jeans is visible on the left side of the structure. The background features a grassy hillside with trees under a clear blue sky. The text "SAN ANDREAS SANITARY DISTRICT WASTEWATER TREATMENT PLANT UPGRADE" is overlaid in white, bold, sans-serif font in the center of the image.

**SAN ANDREAS SANITARY
DISTRICT
WASTEWATER TREATMENT
PLANT UPGRADE**

SAN ANDREAS SANITARY DISTRICT WASTEWATER TREATMENT PLANT UPGRADE

RECEIVED \$12,000,000 (ARRA)
Loan and Principal Forgiveness

- The San Andreas Sanitary District broke ground in June 2009 on improvements to the wastewater treatment plant that will enhance water quality in the North Fork of the Calaveras River.
- The improvements include:
 - a new influent pump station, aeration basins, blower building, secondary clarifier, RAS pump station, scum pump station, tertiary flocculation, filtration and chemical augmentation facilities and improved disinfection facilities.

The improvements are expected to be completed by June, 2010.



CITY OF SANTA BARBARA

Upper Las Positas Creek Restoration &
Storm Water Management Project

CITY OF SANTA BARBARA (cont'd)

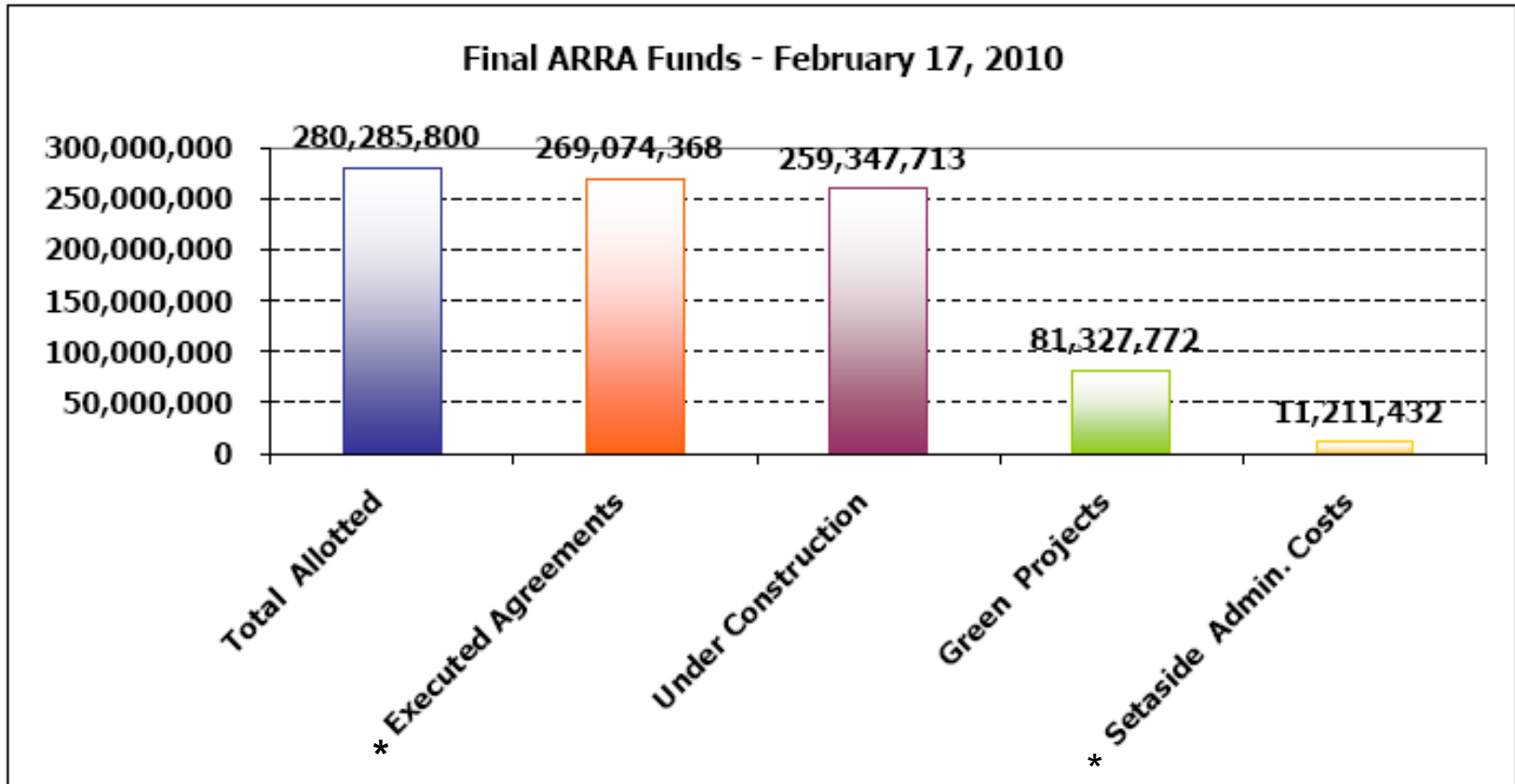
Received \$ 1,652,197 ARRA

Principal Forgiveness

- Installing multiple detention/retention basins to treat stormwater at the headwaters of Upper Las Positas Creek;
- Removing over 800 linear feet of asphalt ditch at an elementary school and install a grassy swale with riparian trees to treat stormwater runoff;
- Creating a permanent rain garden at the school as part of the bioswale to serve as an outdoor classroom on water quality, wetland processes, and local ecology;
- Diverting residential storm drains to the project site for treatment;
- Planting over 9000 native plants.



ARRA UPDATE



*** Executed agreements + Setaside Admin Costs = Total Allotted**

WHERE ARRA MONEY WENT

Disadvantaged Communities Wastewater	\$87,624,935
Urban Stormwater	\$46,882,127
Stopped "Bond" Grants	\$46,200,904
Loans @ 1% (ARRA)	\$28,366,402
Loans @ 0% (Green Infrastructure)	\$60,000,000
ARRA SUBTOTAL	\$269,074,368
Loans @ 1% (Reg. SRF)	\$224,853,452
Loan @ ½ GO Bond Rate (Reg. SRF)	\$11,981,910
TOTAL	\$505,909,730

CWSRF ARRA FUNDING BY REGIONS

REGION	TOTAL # OF PROJECTS	TOTAL ARRA FUNDING AMOUNT
Region 8 (Santa Ana)	16	\$73,784,756
Region 5 (Central Valley)	23	\$69,695,576
Region 4 (Los Angeles)	17	\$47,396,927
Region 2 (San Francisco Bay)	19	\$33,127,329
Region 1 (North Coast)	10	\$12,206,987
Region 7 (Colorado River Basin)	1	\$10,000,000
Region 3 (Central Coast)	12	\$9,198,130
Region 6 (Lahontan)	7	\$8,442,861
Region 9 (San Diego)	4	\$5,221,802
	109	\$269,074,368
CWSRF BASE		<u>\$236,835,362</u>
TOTAL		\$505,909,730

EVERYTHING YOU WANTED TO KNOW ABOUT CWSRF ARRA

State Water Resources Control Board - Windows Internet Explorer provided by Internet Explo...

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/econ_recov...

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Financial Assistance Programs – Grants and Loans Clean Water State Revolving Fund Program

CLEAN WATER SRF ECONOMIC RECOVERY INFORMATION

The [American Recovery and Reinvestment Bill of 2009 \(ARRA\)](#) was enacted on February 17, 2009. The California Clean Water State Revolving Fund (CWSRF) will receive an amount in excess of \$280 million. Priorities will be focused on "shovel-ready" projects that will create jobs immediately.

[Achievements Report](#)

[Reallocation Process for Funds Deobligated after February 17, 2010 under the "American Recovery and Reinvestment Act of 2009"](#)

[See Who Has Received ARRA Funds](#) | [ARRA Project Descriptions](#) | [ARRA Agreements by County](#)

Maps showing Counties receiving ARRA Funding (11/02/09)

[Total Funding by County](#) | [Grant Funding by County](#) | [Funding by Regional Board Jurisdiction](#)

See the Progress of Using ARRA Funds

Category	Value
ARRA	280
...	...
...	...
...	...
...	...

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/econ_recovery_info.shtml

CWSRF UPDATES

Policy was amended March 17, 2009

Some of the things implemented.

1. Realign approval process to speed up funding.
2. Introduce planning loans to promote future projects.
3. Implement a two-tiered environmental analysis to speed up funding.
4. Provide incentives to address affordability.
5. Small, disadvantaged community service charge approved by AB 2356 (Stats. 2008, ch. 609), to fund future grants

CWSRF PROGRAM MOVING FORWARD

- FY 2010 Appropriation \$145,721,000
 - Principal Forgiveness (2010 EPA Grant) \$22-72 million. Depending on Board approval and guidance from USEPA
 - \$29,144,200 Green Projects (out of the Appropriation)
 - Funding will be received October 2010.
 - What if we run out of funding? Bonds can be sold.

- Davis-Bacon (federal prevailing wage)
 - Applies to all financing agreements executed after October 30, 2009

PROJECT PRIORITY LIST (PPL) & INTENDED USE PLAN (IUP)

Annually the Division prepares the PPL & IUP and goes to the State Water Board to be adopted by June 30 of each year.

The PPL opens up every year to allow applicants to submit new projects. Existing projects will have to update the Application Questionnaire annually.

The priority list is a place holder for a project. (In order for an applicant to be considered for funding they must submit a completed Financial Assistance Application)

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/fy0910/fy0910cwsrf_ppl.pdf

PROJECT PRIORITY LIST (PPL) & INTENDED USE PLAN (IUP) (cont'd)

The IUP outlines the State Water Board's business plan for the CWSRF during SFY. It discusses management's general approach and the CWSRF's ability to successfully carry out that business plan with the financial and programmatic resources available to it. In particular, it estimates the Program's cash flow for the next several fiscal years and identifies the projects the State Water Board expects to fund.

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/sfyfinal0910iup.pdf

SFY 2010-2011 CWSRF PROJECT PRIORITY LIST (PPL) & INTENDED USE PLAN (IUP) TENTATIVE ADOPTION SCHEDULE

ACTIVITY

DATE

Open FFAST PPL initial application period.	January 11, 2010 – March 15, 2010
Post 5 year PPL list of projects to be deleted and open for 30 - Day Public Comment	January 11, 2010 – February 18, 2010
Post Preliminary PPL on Board Website	March 31, 2010
Regional Board Review	March 31, 2010 – April 15, 2010
Regional Board Review due to State Water Board	April 19, 2010
Preliminary PPL Notice Distributed for 30-Day Public Comment	April 1, 2010 – May 1, 2010
State Water Board Meeting to Consider Adoption of SFY 2010-2011 Priority List & IUP	June 15, 2010
Post Adopted List on State Water Board Website	June 30, 2010

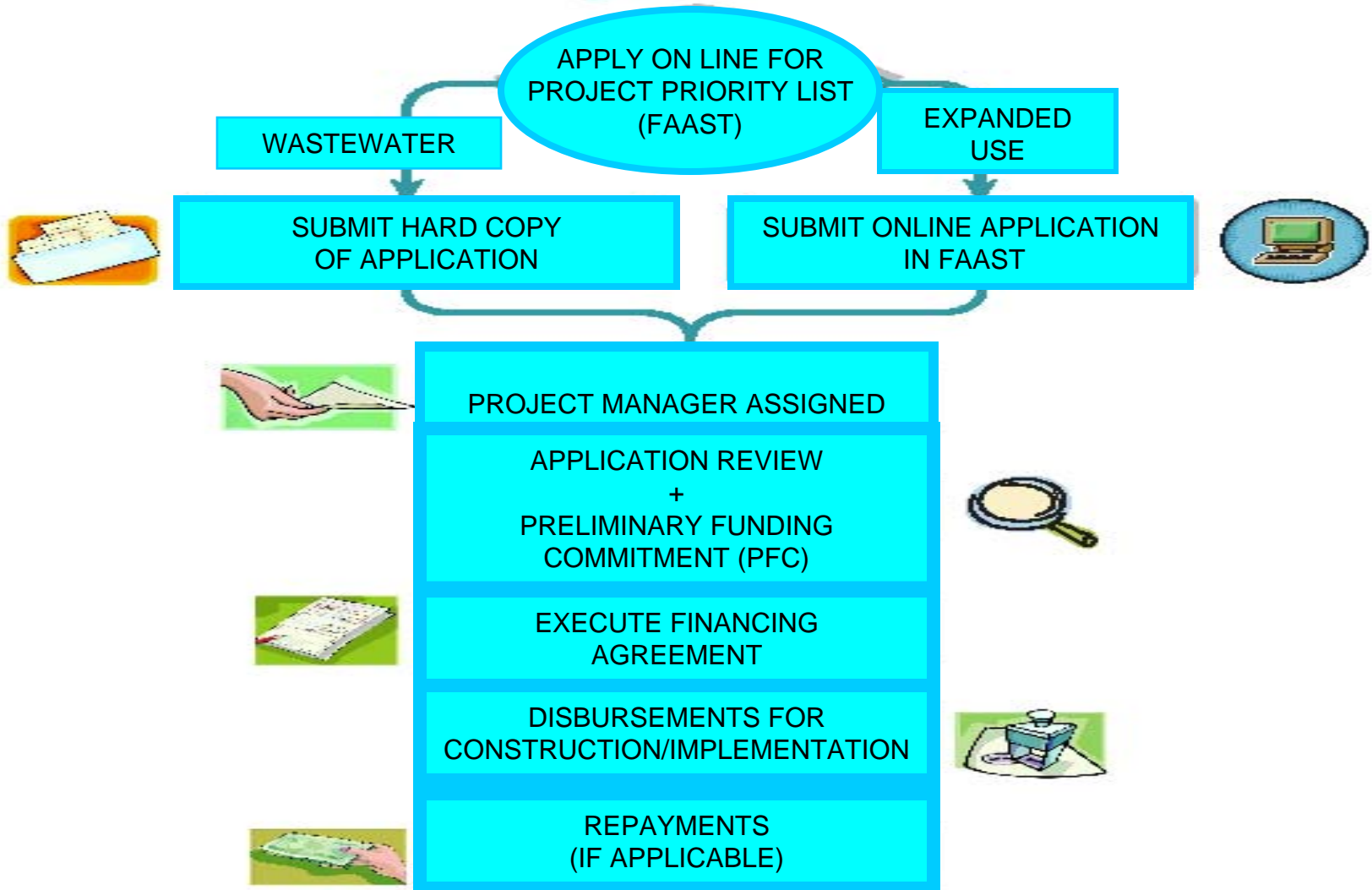


STEPS ON HOW TO APPLY



CLEAN WATER STATE REVOLVING FUND

Program Overview



HOW TO APPLY FOR PLANNING LOAN

Requirements

- To obtain a planning Loan agreement, an applicant must submit to The Division:
 - 1) Plan of Study
 - 2) Legal Documents
 - 3) Financial Documents – (comply with the Credit Review)
- The draw period is up to 3 years at 0% interest rate.
- Rolls over to a construction Loan.
- A project does not need to be on the Project Priority List.

APPLICATIONS ARE SUBMITTED TO:

- Waste Water Treatment & Planning Loans

State Water Resources Control Board
Attention Daniel Newton
Division of Financial Assistance
1001 I Street
Sacramento, CA 95814

- EXPANDED USE (On line application).

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/srf_expanded_use_instructions.pdf

ANNOUNCEMENTS

- **Fall Workshops**
 - Public Workshop
- **Upcoming Events**
 - Any upcoming conferences/events. (let us know)
- **Marketing**
 - handout information to give potential applicants
- **Rural Community Assistance Corporation (RCAC)**
 - Contract to provide training.
- **Email Subscription**
 - Be sure to sign up to receive the latest news or upcoming events

http://www.waterboards.ca.gov/resources/email_subscriptions/



CONTACT INFORMATION/RESOURCES

CleanWaterSRF@waterboards.ca.gov

Phone: (916) 327-9978

➤ **CWSRF Program Information**

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/index.shtml

➤ **CWSRF Policy**

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/policy.shtml



CONTACT INFORMATION/RESOURCES

(cont'd)

➤ **Economic Recovery Information**

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/econ_recovery_info.shtml

➤ **Other funding programs within the State Water Board**

http://www.waterboards.ca.gov/water_issues/programs/grants_loans

Program information please Contact :

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PLANNING LOANS & DAC

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QUESTIONS?



REGIONAL BOARD SESSION

OPEN DISCUSSION