



CALIFORNIA CWSRF | INTENDED USE PLAN | SFY 2009/2010

Intended Use Plan

July 1, 2009 – June 30, 2010

FEDERAL FISCAL YEAR 2010
CLEAN WATER STATE REVOLVING FUND
TITLE 6 ALLOTMENT



Our Vision

A sustainable California made possible by clean water and water availability for both human uses and environmental resource protection

Vision

Our Mission

To preserve, enhance, and restore the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations

Mission

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I. INTRODUCTION

Water is one of the most essential natural resources in California. The State Water Resources Control Board (State Water Board) and its nine Regional Water Quality Control Boards (Regional Water Boards), collectively Water Boards, protect and improve water quality in California through several regulatory and financial assistance programs. The federal [Clean Water Act \(CWA\)](#) established the Clean Water State Revolving Fund (CWSRF) Program to finance protection and improvement of water quality. The federal United States Environmental Protection Agency (US EPA) grants funds to the State Water Board to capitalize the CWSRF Program in California. The CWSRF Program is also funded by state bond funds, local match funds, repayments, and revenue bonds.

The CWSRF Program has protected and promoted the health, safety, and welfare of Californians since 1989. Many of the projects funded by the CWSRF Program address wastewater discharge violations or enforcement orders from the Regional Water Boards. Every project is directly related to improving public health and/or water quality.

Authority, History, and Past Achievements

In 1987 the U.S. Congress amended the CWA. Subchapter VI of the CWA replaced the long-standing, federal Construction Grants program (Subchapter II) with the more flexible CWSRF Program. The CWSRF Program can fund a wide variety of projects including all types of non-point source, estuary management, and traditional Publicly Owned Treatment Works (POTW). All 50 states and Puerto Rico are currently operating successful CWSRF Programs. The total funds available to the Program [nationwide](#) since its inception exceed \$68.8 billion.

States may offer a variety of financial options to assist recipients with their water quality efforts. These include loans, refinancing debt, purchasing or guaranteeing local debt, and purchasing bond insurance. States may not offer grants, negative interest rates, or principal forgiveness, as a general rule, from the CWSRF. States may set specific terms, including interest rates from zero percent to below market rate. Loan repayment periods are up to 20 years, and states can also extend repayment periods more than 20 years by buying or refinancing local debt. States have the flexibility to target resources to their particular water quality needs and customize terms to meet the needs of small and disadvantaged communities.

The State of California established its CWSRF Program under [Water Code Sections 13475-13485](#). California operates its Program through an “[Operating Agreement](#)” (OA) between the State Water Board and US EPA Region 9.

The CWSRF Program operates much like an environmental infrastructure bank capitalized with federal and state contributions. The CWSRF provides financial assistance to communities with the capital contributions, and then uses the revenue generated by those contributions, payments and investment earnings, to fund additional water quality projects. The revolving nature of this CWSRF

Program provides a sustainable source of funds for water quality protection and improvement.

California's CWSRF has grown since its inception in 1989. It has executed more than \$4.3 billion in financial agreements. The Net Assets of the CWSRF Program exceed \$2.8 billion, and annual payments and investment earnings are approximately \$210 million. New capital from US EPA of about \$49 million, the federal fiscal year (FFY) 2009 Capitalization Grant, will be received during state fiscal year (SFY) 2009-2010. The President's FFY 2010 Budget request and Congressional activity on the FFY 2010 Budget indicate the 2010 Capitalization Grant may be on the order of \$170 million. Actual and estimated grant amounts are reflected in Tables 1 and 2.

The Program has funded a broad range of projects. About 75 percent of funds were used to construct or improve wastewater treatment and water recycling facilities, and about 24 percent of funds were used to construct wastewater collection systems. The remaining six percent of funds were used for non-point source (NPS) or estuary projects.

Intended Use Plan (IUP)

This IUP outlines the State Water Board's business plan for the CWSRF during SFY 2009/10. 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 (Tables 1 and 2) and identifies the projects the State Water Board expects to fund in SFY 2009/10 with American Recovery and Reinvestment Act (ARRA) and all base program funds (Table 3).

The IUP also includes performance measures to track the effectiveness of the CWSRF Program.

The State Water Board will continue to implement the CWSRF Program as described in the State Water Board's [*Policy for Implementing the State Revolving Fund for Construction of Wastewater Treatment Facilities \(CWSRF Policy\)*](#), the [*Strategy for Implementing the SRF for Expanded Use Projects \(Strategy\)*](#), and the OA between the State Water Board and US EPA Region 9.

This IUP is required by the CWSRF federal statutes and regulations, and is required as part of the Capitalization Grant application process. This IUP, or an amendment, will be included in the State Water Board's application for Capitalization Grant(s) for the CWSRF program.

Connections to Other Plans, Goals, and Programs of the State Water Board and California EPA

The CWSRF Program supports the Water Boards' strategic plan through the following environmental priorities and their corresponding goals, objectives, and

actions as presented in the [Strategic Plan Update for 2008-2012](#) dated September 2, 2008.

- Priority #1: Protect and Restore Surface Water Quality
- Priority #2: Protect and Restore Groundwater Quality
- Priority #3: Promote Sustainable Water Supplies
- Priority #4: Water Quality Planning

It also supports the following [California EPA Strategic Vision](#) goals:

- Goal #2: Rivers, lakes, estuaries, and marine waters that are fishable, swimmable, support healthy ecosystems and other beneficial uses.
- Goal #3: Groundwater that is safe for drinking and other beneficial uses.
- Goal #4: Communities that are free from unacceptable human health and ecological risks due to exposure from hazardous substances and other potential harmful agents.
- Goal #5: Reduce or eliminate the disproportionate impacts of pollution on low-income and minority populations.
- Goal #6: Ensure the efficient use of natural resources.
- Goal #7: Continuous improvement and application of science and technology.

The Division of Financial Assistance (DFA) administers additional state funded financial assistance programs listed below.

- ✓ The Small Community Wastewater Grant (SCWG) Program provides grants to small, disadvantaged communities for wastewater infrastructure projects.
- ✓ The Water Recycling Funding Program (WRFPP) provides grants for construction of water recycling facilities.
- ✓ The Clean Beaches Initiative Grant Program (CBI) provides grants to restore and protect coastal waters, estuaries, bays, and near shore waters.
- ✓ The Integrated Regional Water Management (IRWM) Grant Program provides grants to protect communities from drought, protect and improve water quality, and improve local water security by reducing dependence on imported water.
- ✓ The Storm Water Grant Program will provide matching grants for reduction and prevention of storm water contamination of rivers, lakes, and streams.

Due to California's current budget problems, however, continued funding for most of these programs is uncertain. DFA continues to manage the CWSRF Program to maximize its ability to fund projects with all available sources to support the Board's water quality protection goals.

II. MARKETING OUTLINE

Clean Watersheds Needs Survey (CWNS)

California needs significant funding to achieve its clean water goals. The most recent [CWNS in 2004](#) shows that California needs an estimated \$20.5 billion for wastewater treatment and collection, wastewater recycling, non-point source pollution elimination, and storm water pollution prevention over the next 20 years. This includes an estimated \$18.2 billion to update aging infrastructure.

State Water Quality Guidance

1. Small and/or Disadvantaged Communities

On July 2, 2008, the State Water Board adopted [Resolution No. 2008-0048](#), promoting strategies to assist Small and/or Disadvantaged Communities with wastewater needs. Resolution No. 2008-0048 references the [Small Community Wastewater Strategy](#), which provides an overview of the challenges, such as failing septic systems or old and undersized wastewater treatment plants, small and/or disadvantaged communities face and offers solutions to those problems.

Small and/or disadvantaged communities generally have higher per capita costs. The result is higher, sometimes prohibitive, sewer rates. Disadvantaged (median household income (MHI) of less than 80 percent of the statewide MHI) and severely disadvantaged (MHI of less than 60 percent of the statewide MHI) small communities face the additional burden of lower household incomes.

The strategies outlined in Resolution No. 2008-0048 include a number of modifications, such as, extended term financing or reduced interest rates, to make the CWSRF more affordable for small and/or disadvantaged communities.

2. Protection of the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta)

On July 16, 2008 the State Water Board adopted the *Strategic Workplan for Activities in the San Francisco Bay/Sacramento-San Joaquin Delta Estuary* (Workplan). The Workplan describes the actions the Water Boards will complete, in cooperation with other agencies, to protect beneficial use of water in the Bay-Delta and the associated timelines and resources needed.

Workplan activities are divided into nine broad elements. The CWSRF Program can help implement the Workplan by funding point and nonpoint source projects, such as:

- ✓ Measures identified in Total Maximum Daily Loads (TMDLs).

- ✓ Storm water and dry weather runoff reduction from Municipal Separate Storm Sewer Systems (MS4).
- ✓ Conservation measures to reduce sediment and non-point discharges.
- ✓ Ammonia discharge reduction from POTWs.
- ✓ Urban and agricultural water use efficiency to reduce demand on the Delta and reduce runoff of pesticides to the Delta.

3. Sustainability and Global Climate Change

The State Water Board adopted [Resolution No. 2008-0030](#) on May 6, 2008, emphasizing sustainability as a core value for all Water Boards' activities and programs. Resolution No. 2008-0030 directed the Water Boards' staff to take a number of actions that may affect the CWSRF Program, such as:

- ✓ Promote recycled water, conservation, and low impact development (LID).
- ✓ Assign a higher priority to climate-related and LID projects.
- ✓ Coordinate with government agencies, non-profit organizations, and private sector businesses to enhance and encourage sustainable activities.

Regional Water Quality Needs

Between February and April 2009, CWSRF Program staff met with Regional Water Board staff to discuss water quality priorities and needs for each respective region. In general, these water quality needs focus on several major areas, such as, storm water management, wastewater treatment, water quality monitoring, wetlands protection, environmental education, environmental justice, sediment impacts, contaminated urban runoff, ground water protection, low impact development, salt management, and flood control need. A summary of items discussed during the meetings with the Regional Water Boards is presented in Attachment 1.

III. PROGRAM CAPABILITIES

Overall Funding Approach

In order to meet the market needs identified in the previous section, DFA will select and fund projects consistent with the CWSRF Policy, the Strategy, the OA, and applicable federal and state statutes and regulations. The State Water Board will attempt to fund all applicants that request funding during SFY 2009/10.

The CWSRF Policy establishes a Project Priority List (PPL) based on public health and water quality factors. The PPL, however, states that projects are funded "on an as-ready basis." The reason for these two approaches is that there is a general benefit to funding eligible projects that are ready to proceed rather than holding cash for higher priority projects that are not ready to proceed. Funding a lower priority project is preferable to maintaining a high cash balance because the funds create water quality equity and disbursing the funds to a project generates a greater financial return than the CWSRF's current investments.

The State Water Board's priority during the beginning of SFY 2009/10 will be finalizing its commitment of ARRA funds. ARRA provides a unique, unexpected opportunity to fund additional water quality projects. ARRA, however, requires that all funds be committed to projects under construction by February 17, 2010.

To meet ARRA timeframes, DFA staff will continue to follow the guidelines and implement the incentives established in [Resolution 2009-0027](#) (adopted March 17, 2009), [Resolution 2009-0051](#) (adopted June 16, 2009), and Resolution 2009-0073 (adopted October 6, 2009) so that California can receive the most water quality benefits from ARRA. All the incentives (additional subsidy and reduced interest rates), however, are available for limited periods of time. The State Water Board's guidelines allow the Division to shift ARRA funds from projects that cannot meet ARRA or State Water Board deadlines to projects that can meet the deadlines to prevent the loss of ARRA funds. Projects that do not meet the criteria in Resolution Nos. 2009-0027, 2009-0051, and 2009-0073 will lose ARRA funding, and the ARRA funding will be reallocated to a project that can meet ARRA conditions.

As of August 24, 2009, \$177,240,875 in ARRA financing agreements are executed. The State Water Board Web site (http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/econ_recovery_info.shtml) provides a list of executed agreements and the type of financing provided to each applicant. The Web site also provides information on the projects competing for the remaining ARRA funds.

As of August 24, 2009, the State Water Board has executed agreements totaling \$62,247,345 in ARRA funds for Green Project Reserve (GPR) projects.

This number will increase as the financing agreements for additional projects identified as “green” in Table 3 are executed. This is above the minimum 20 percent (\$56,057,160) for GPR required by ARRA. Therefore, the State Water Board will not conduct any further solicitation of GPR projects. The State Water Board will certify to US EPA through separate correspondence that it has met the GPR requirement of ARRA.

After September 30, 2009, the Executive Director will determine how much of the subsidy funds from ARRA remain uncommitted. Those funds will be distributed to eligible applicants that can submit an AOA request before January 1, 2010, and a copy of an executed construction contract before February 1, 2010. All applicants with executed debt obligations after October 1, 2008, are potentially eligible for ARRA subsidy funds distributed in this manner, provided they can meet the additional ARRA requirements.

After ensuring that ARRA funds are committed, DFA will prioritize the commitment of other available Capitalization Grant funds to ensure timely and expeditious expenditure of all Capitalization Grant funds consistent with US EPA regulations and the OA. Not including ARRA capitalization funds, the CWSRF Program has committed 100 percent of all federal Capitalization Grants, through the FFY 2008 Capitalization Grant.

After committing all ARRA and other Capitalization Grants, DFA will commit available repayments or investment earnings to meet anticipated disbursement needs. If these fund sources are not sufficient to meet the cash needs of the CWSRF Program, DFA will evaluate a revenue bond sale or limit cash disbursements. The remainder of this document describes in more detail how DFA will manage the CWSRF Program to meet financing demand and program risks.

Table 3 lists the projects most likely to be approved for funding by the CWSRF Program during SFY 2009/10 with the currently identified sources of funds. Table 3 includes only projects that have submitted a Financial Assistance Application (FAA) to the CWSRF program. DFA staff evaluated the completeness of the FAAs submitted to date and estimated when each project could be ready for a financing agreement. Table 3 includes the estimated financing agreement dates for SFY 2009/20, the estimated project cost, and the probable source(s) of funds for the projects. Table 3 identifies projects likely to receive remaining ARRA funds, if any, broken out as additional subsidy and loan funds available from ARRA, and identifies projects expected to meet GPR requirements. Table 3 also identifies those projects likely to receive FFY 2009 and FFY 2010 Capitalization Grant funds.

Note that Table 3 does not include projects that are only listed on the PPL or have only submitted a questionnaire to become listed on the PPL. DFA staff are not able to estimate when a project may be ready for a financing agreement based on the information collected for the PPL. Being listed in Table 3 does not guarantee funding or the order of funding for projects. All projects in Table 3, as well as any project on the PPL, are potentially eligible for funding. If a project identified in this IUP is not eligible for the CWSRF Program, or ARRA, or does not meet its target dates, it may be passed in favor of any other project in Table 3 or on the PPL that is ready for approval.

Each project in Table 3 will be reviewed by State Water Board staff to determine that it meets CWSRF Program and ARRA eligibility rules as applicable. Each project receiving ARRA funds will be certified by the Executive Director, or a designee, in accordance with ARRA Section 1511, that the project received the full review and evaluation required by law and that the Executive Director, or designee, accepts responsibility that the infrastructure investment is an appropriate use of taxpayer dollars. The certification shall include a description of the investment, the estimated total cost, and the amount of ARRA funds used for the project. The certification shall be posted on the State Water Board's website and linked to the Recovery.gov web page.

Federal regulations require that the State Water Board show that projects funded by the CWSRF Program comply with certain federal laws (known as "federal cross-cutters") in an amount equal to the Capitalization Grants received by the CWSRF Program. Note that the State Water Board must show that all projects receiving funding through the CWSRF Program comply with a subset of federal laws known as "super cross-cutters." Through September 2008, DFA demonstrated compliance with "federal cross-cutters" on all projects seeking funding under the CWSRF Policy or about \$4.0 billion in financing provided by the CWSRF Program. The CWSRF Program will receive about \$2.4 billion in grants from US EPA through the FFY 2010. The Capitalization Grant amount includes \$280 million in ARRA funds plus an estimated FFY 2010 grant of \$170 million. Therefore, the State Water Board will not need to apply federal cross-cutters to projects receiving agreements during SFY 2009/10. Pursuant to the CWSRF Policy amendment of March 17, 2009, DFA will only demonstrate compliance with federal super cross-cutters during SFY 2009/10.

In order to commit and expend all funds expeditiously and timely, the State Water Board will regularly report to US EPA through the National Information Management System (NIMS) and the CWSRF Benefits Reporting (CBR) system to identify delays. The Program will also work cooperatively with US EPA, other federal entities, and the California Governor's Recovery Task Force to report its progress to other information management systems if necessary. If delays are identified in committing or expending funds, the State Water Board will work with US EPA or other agencies to resolve these delays. The State Water Board will include conditions in its assistance agreements to ensure that

assistant recipients enter into construction contracts or initiate construction quickly. If a recipient fails to maintain progress toward meeting these conditions, the State Water Board will identify other projects capable of meeting ARRA and Board specified deadlines. Other CWSRF sources will be used for projects that cannot meet ARRA and Board specified deadlines or requirements so that ARRA funding can be provided for a project that will meet ARRA requirements. The State Water Board understands that US EPA will deobligate ARRA grant funds from states that fail to meet ARRA requirements and reallocate those funds to other states that can use them.

However, if California is eligible for ARRA funds from other states that cannot use them for ARRA compliant projects, the State Water Board will provide US EPA with an amended IUP containing a list of projects that are prepared to proceed to construction within 120 days of February 17, 2010.

Financial Outlook

All projects funded from the CWSRF are funded based on their projected disbursements and the projected future receipts of the CWSRF Program.

The CWSRF Program will fund projects with US EPA Capitalization Grants, repayments, investment earnings, matching funds, and ARRA funds. The new capital added to the CWSRF Program during SFY 2009/10 is summarized in Table 1, Projected Sources and Uses of New Capital. Table 1 includes the FFY 2009 grant, FFY 2010 grant, payments on existing financial agreements, as well as investment earnings. Approximately \$448 million in new capital will be added to the CWSRF Program during SFY 2009/10. The bulk of this, about \$420 million, will be used to assist recipients with their projects.

The CWSRF Program projected cash flow for the next four years is presented in Table 2. Table 2 includes all expected sources of funds and expected disbursements for SFY 2009/10 and the following three fiscal years. The capitalization amount for SFY 2009/10 (FFY 2009 Capitalization Grant) is based on the final allocation for California in US EPA's memo dated April 14, 2009. The Grant for FFY 2010 is an estimate based on the President's budget request and current Congressional activity. Grant amounts for the years after 2010 are estimated also.

Comparing the four-year cash flow projection in Table 2 with the project totals in Table 3 indicates that an additional \$1 billion will be needed to fund all of the projects in Table 3. This assumes that all the projects are eligible, all the applicants sign a financing agreement with the CWSRF, and all the actual disbursements happen as planned.

It is unlikely that all the projects in Table 3 will be funded or that all the disbursements will happen as currently planned. However, a bond sale may be needed if most projects progress toward a financing agreement. DFA management will monitor progress on these projects and their disbursement projections through its quarterly finance meetings. If additional funds are

needed, DFA will take steps to limit cash disbursement or proceed with a revenue bond sale.

The State Water Board has historically limited the amount an agency can draw per year from the CWSRF Program to ensure that funds are fairly distributed to a range of applicants. Based on the anticipated future receipts of the CWSRF Program (Table 2) and the estimated disbursements (represented in Table 3), the State Water Board will continue to limit the disbursement of funds to \$50 million per year per agency during SFY 2009/2010. Recipients with agreements executed in previous years that did not draw the maximum allowed in prior years may carry forward any undrawn balance for disbursement in the present year. The Deputy Director of DFA is authorized to reduce the maximum amount an agency may draw from the CWSRF if necessary to ensure a fair distribution of funds. The Deputy Director of DFA is authorized to disburse funds over the \$50 million limit if doing so will not hinder the ability of other applicants to receive financing and will help the Program expend funds in a timely manner.

The State Water Board is also obligated to provide one dollar to match each five dollars in US EPA Capitalization Grants. Cumulatively, the CWSRF Program has received \$1,980,420,876 in grants as of March 31, 2009 that must be matched. The FFY 09 Capitalization Grant will be \$48,667,707. The total matching requirement at the end of SFY 2009/10, therefore, will be \$405,817,717. The CWSRF Program has provided a total of \$547,325,146 in matching funds as of the end of SFY 2008/2009. Therefore, the State Water Board has contributed an extra \$141,507,429 in match funds to the CWSRF. This is sufficient to match approximately \$707 million in Capitalization Grants. Therefore, additional match funds will not be needed from financing recipients, and the State Water Board will not offer the match financing option during SFY 2009/10.

Resources

1. Organization, Program Resources, and Skills

The administrative funding will come from the Capitalization Grants provided by EPA and the State Water Pollution Control Revolving Fund Administrative Fund. Approximately 50 Personnel Years (PY) are budgeted for FY 09/10. These positions are distributed between DFA, Division of Administrative Services (DAS), the nine Regional Water Boards, the Office of Chief Counsel (OCC), and Division of Information Technology (DIT), as follows:

- Three PYs for Environmental Scientists to ensure compliance with state and federal environmental and cultural resources requirements (DFA)
- Twenty-Seven PYs for Water Resources Control Engineers to manage project applications (DFA)
- 0.9 PYs for Regional Water Board coordination (Regional Water Boards)

- Nine PYs to provide administrative support (DFA)
- Two and half PYs to provide management to oversee staff and the program (DFA)
- Five PYs to provide accounting, personnel, budget, and contract support (DAS)
- One PY to provide legal support (OCC)
- One PY to provide information technology support (DIT)

The CWSRF Program relies on some contracted services that 1) cannot be provided economically by DFA staff, 2) that require skills not available in DFA, or 3) that require independence from the Program. Approximately \$1.2 million dollars are budgeted for contract services such as an independent accounting firm for annual audits, outside legal counsel for specialized tax advice, an outside contractor to conduct credit analyses, and a vendor to provide maintenance for the Loans and Grants Tracking System (LGTS).

Risks

The following items may pose financial or institutional risks to the CWSRF Program. DFA management will focus on identifying potential problems early and taking action to maintain the integrity and success of the Program.

1. Application Demand vs. Resources

Demand for financing may exceed the resources needed to review and approve all applications. Staff resources are the most inflexible aspect of the Program. Because additional staff must be approved through the state's budget process, additional staff cannot be added quickly to address high demand. In addition, hiring may be frozen or work hours reduced due to state budget concerns. DFA will prioritize applications consistent with this IUP, seek changes to the policies, further adjust its review procedures, or seek additional resources if an abundance of applications is received.

2. Applicants' Schedule Changes

Beneficial projects may not proceed with a financing agreement because the applicants' schedules may change or be delayed. The CWSRF Program will coordinate regularly with applicants identified in this IUP to minimize and avoid delays. As project schedules shift, lower priority projects may be funded if they are ready to proceed. This funding flexibility maximizes the use of CWSRF funds and increases the number of funded projects.

3. Cash Flow vs. Application Demand

The amount of financing requested may exceed the CWSRF cash flow. DFA staff will maintain accurate account balances and forecast future receipts and disbursements on a regular basis to identify potential cash shortages

beforehand. If additional cash is needed, the CWSRF Program has several options. The Program has considerable revenue that it can leverage should a bond sale be needed. The State Water Board can prioritize funding requests or negotiate disbursement schedules with applicants. The CWSRF Program can also investigate offering alternative financing (providing bond insurance).

Excess cash may accumulate if applications are too low. Excess cash does not provide any water quality benefit for California. DFA will also use its marketing, customer assistance, and project development resources to ensure a pipeline of projects ready for financing.

4. Loss of ARRA Funds

All ARRA funds must be committed no later than February 16, 2010, to projects with an executed construction contract. In addition, at least fifty percent of ARRA funds must be used for additional subsidization (principal forgiveness, negative interest rates, or grants), and at least 20 percent of ARRA funds must be used for the GPR.

California may lose ARRA funds if the State Water Board is unable to execute agreements with enough projects that meet ARRA requirements. The State Water Board lowered interest rates at its March 17, 2009, meeting to support important water quality investments. The lower interest rates should attract sufficient applications so that the program is able to commit all ARRA funds by the deadline in ARRA. In addition, the State Water Board will commit ARRA funds before other available funds, and work closely with applicants to ensure that they are able to meet all requirements of ARRA.

5. Recipients May Default on Payments

DFA will implement the requirements of the CWSRF Policy to ensure prudent lending practices that safeguard the Program's equity. The CWSRF Program contracts with California Municipal Securities, Inc. (CalMuni), a financial analysis firm, to evaluate the credit of each applicant prior to approving funding for a project. During SFY 2009/10 DFA will receive additional training on financial management from Northbridge Environmental Management Consultants and contract with a professional financial advisory firm to provide additional financial expertise to address borrower credit risk.

The CWSRF Program has a number of tools to reduce the risk of default by disadvantaged communities. The Program will continue to provide Extended Term (ET) financing in SFY 2009/10 to reduce debt service for small, disadvantaged communities. ARRA principal forgiveness for disadvantaged communities and lower interest rates authorized by the State Water Board on March 17, 2009 also reduce borrowing costs, and the risk of default, for disadvantaged communities.

The *Small Community Wastewater Strategy*, adopted by the State Water Board on July 2, 2008, also includes elements to reduce default risk and strengthen wastewater system management by communities with lower credit ratings and fewer financial resources. These include:

- Providing assistance to apply for grants and loans.
- Making loans more affordable with grants from the “State Water Pollution Control Revolving Fund Small Community Grant Fund.”
- Supplying technical expertise and training to evaluate project alternatives or to manage the long-term financial and operational needs of the system.
- Pursuing new or innovative funding.
- Updating the Wastewater Operator Regulations.
- Establishing requirements for proper operations, maintenance, and financial management.
- Improving County support of small and/or disadvantaged communities

IV. OUTCOMES, GOALS, ACTIVITIES, AND MEASURES

This section summarizes the activities planned for the CWSRF Program for 2009/10 and describes how those activities contribute to the expected outcomes for the CWSRF Program. Specific projects or activities include target completion dates. The performance measurements will be used to measure progress toward meeting the goals and outcomes. A semi-annual update will be posted on the State Board website for CWSRF Program stakeholders to view.

Outcome #1: Sound Finances

The State Water Board and the CWSRF Program's stakeholders expect the Program to be financially sound so that it can effectively create water quality equity.

Long Term Goals:

- 1) Maximize cash flow management: Disbursements should match receipts for the CWSRF Program, less the minimum \$25 million balance and restricted assets, to get the most benefit from the funds available to the CWSRF Program.
- 2) Effective use of revenue and new capital: California faces tremendous water quality needs. The net revenue of the CWSRF Program is sizeable, and the Program continues to receive new capital contributions. The CWSRF Program can take on additional debt to fund more projects at current costs. Additional debt should be balanced, though, with the long-term finances of the CWSRF Program.
- 3) Maintain financial integrity: Financial integrity is a must. Effective internal controls ensure that the Program's finances are dependable and trustworthy. Prudent lending practices and reasonable interest rates ensure the stability and continued growth of the CWSRF Program.

Key Short Term Activities:

- a) Prepare and review monthly cash management reports: Timing disbursements to receipts requires careful and regular oversight of the cash flow (Complete monthly).
- b) Continue quarterly finance/audit committee meetings (Complete quarterly):
 - i) Review cash flow of projects under contract, three and six month cash flow projections, and cash flow needs for upcoming projects.
 - ii) Compare actual performance with target performance measures.
 - iii) Review audit issues, program control issues, and plan for upcoming audits.
- c) Complete training with Northbridge Environmental Management Consultants, Inc.: US EPA will coordinate a contract with Northbridge using funds from the 2008 Capitalization Grant to provide additional financial management training to internal staff. (Complete July 2009)
- d) Contract with a professional financial advisor: Finance staff need specialized expertise on financial planning and management, such as, planning for future

- revenue bond sales, implementing alternative forms of financing, refining our cash flow forecasting, and developing a debt management policy. (Complete October 2009)
- e) Accept additional Capitalization Grants: The FFY 2009 Capitalization Grant application was submitted May 1, 2009. The grant will be \$48,667,707. The State Water Board will provide the necessary state match through excess state bond and local match contributions to the Program (Complete August 2009).
 - f) Apply for additional Capitalization Grants: The FFY 2010 Grant is estimated to be approximately \$170,000,000. The Grant application will be submitted to US EPA. (US EPA's Estimated Grant Application Date = February 2010).
 - g) Complete the funding of projects to meet ARRA requirements and goals: Projects will be selected to maximize job creation and economic benefit. All ARRA funds will be committed to projects with an executed construction contract by February 16, 2010. At least 50 percent of ARRA fund will be used for additional subsidization (principal forgiveness, negative interest rates, or grants), and at least 20 percent of ARRA funds will be committed to green infrastructure, water/energy efficiency, or environmental innovation (efficiency and innovation or Green Project Reserve (GPR)) projects. (Weekly reporting to US EPA and State Water Board Web site)
 - h) Prepare Annual Report and Audited Financial Statements for SFY 2008/2009: (Complete September 30, 2009)
 - i) Complete Standard Operating Procedures Manual: Gather existing written procedures and record other unwritten procedures into a Standard Operating Procedures Manual. (Complete June 2010)

Performance Measurements for 2009/10:

- Executed financing agreements total > 120 percent of federal grants.
- Executed financing agreements total > 105 percent of available funds.
- Percentage of ARRA funds committed = 100 percent of available funds by February 16, 2010.
- Percentage of ARRA funds committed to additional subsidization > 50 percent of available funds.
- Percentage of ARRA funds committed to efficiency and innovation projects > 20 percent of available funds.
- Disbursement rate = 100 percent of available funds less \$25 million minimum balance and restricted funds.
- Federal funds disbursement rate = 100 percent of federal draws.
- Undisbursed cash balance not increasing year-to-year.
- Unobligated cash balance not increasing year-to-year.
- Administration costs within budget.
- Default ratio = 0.

Outcome #2: Fund the Most Beneficial Projects

The CWSRF has finite funds. This limitation requires the State Water Board to prioritize the uses of the CWSRF so that the most pressing water quality problems are addressed first.

Long Term Goals:

- 1) Achieve compliance statewide with water quality objectives.
- 2) Maximize the environmental benefits from CWSRF funded projects.
- 3) Bring POTWs into compliance with federal and state requirements.
- 4) Assist with the State Water Board's [*Plan For California's Nonpoint Source Pollution Control Program*](#) and estuary Comprehensive Conservation and Management Plans.

Key Short Term Activities:

- a. Provide funds for projects: Table 3 lists projects the CWSRF program anticipates funding in SFY 2009/10 that support the Water Boards' priorities and ARRA objectives. (See Table 3 for expected binding commitment (executed agreement) dates)
- b. Develop SFY 2009/10 IUP and 2009/10 Project Priority List: Business planning for the CWSRF is a regular process. Work closely with Division of Water Quality (DWQ), Regional Water Boards, and stakeholders to ensure that the highest priorities are identified. The IUP will guide marketing and assistance efforts targeting the Board's highest priorities in SFY 2009/10. (Complete October 2009)
- c. Amend the SFY 2009/10 IUP: This action maybe necessary to apply for the FFY 2010 Capitalization Grant. (Complete by February 2010 if necessary)
- d. Complete quadrennial CWNS: The CWNS provides basic information about the market for CWSRF financing. The CWNS 2008 data collection period was February 5, 2008 – March 20, 2009. The CWNS 2008 final report to congress is scheduled to be complete January 2010.

Performance Measurements for 2009/10:

- At least 50 percent of funded projects should be identified in the IUP.
- At least two projects should support an adopted TMDL.
- At least 20 percent of projects should address discharges to impaired water bodies.
- At least five projects should address Regional Water Board enforcement actions.
- At least three projects should support sustainability or climate change efforts.
- At least 10 percent of binding commitments should be for expanded use projects.
- At least four Project Manager training seminars per year on technical topics.

Outcome #3: Well-Known and Respected Products

Applicants have many choices for their financing needs. The CWSRF should be a desirable option so that it attracts high value projects that support the policies of the State Water Board.

Long Term Goals:

- 1) Provide good service with a special emphasis on disadvantaged communities.
- 2) Develop clear, flexible, and innovative application procedures.
- 3) Ensure staff are well-trained and ready to help communities resolve technical and financial Issues.

Key Short Term Activities:

- a. Extended term (ET) financing: ET helps make financing more affordable for small, disadvantaged communities by reducing debt service by 25 percent. The Board's goal is to use 20 percent of its CWSRF for ET financing yearly. ET financing should result in more disadvantaged community projects and have a direct water quality benefit. (Ongoing)
- b. Application process improvements:
 - i. Revamp the CWSRF Web page to serve applicants' needs. Necessary documents or information should be at most three clicks away from the home page. (Complete October 2009)
 - ii. Develop an application and instruction booklet to match the new Regulations. (Complete June 2010)
- c. CWSRF Regulations: Adopt Regulations for the CWSRF Program to replace current Policies. (Complete Winter 2010)
- d. Stakeholder Advisory Group (SAG): Continue periodic meetings with the SAG to advise the State Water Board on steps to help the Program achieve maximum efficiency.
- e. Marketing and Outreach:
 - i. Increase coordination with the California Financing Coordinating Committee (CFCC) to provide assistance, participate in funding fairs, and develop outreach strategies. (Ongoing)
 - ii. Provide regular training to the Regional Water Boards on program financial status, project eligibility, and policy changes. (Ongoing)

Performance Measurements for 2009/2010:

- All financing agreements executed within 60 days of Master File completion.
- At least 25 percent of projects should assist disadvantaged communities.
- Participate in at least four CFCC Funding Fairs per year.
- Conduct at least two application training sessions per year.
- Conduct one workshop per year/per Regional Water Board.
- Provide 20 percent of funding as ET financing.
- Amend financing agreements no later than 60 days after construction starts.

V. PUBLIC REVIEW AND COMMENT

Begin public comment period on draft 2009/2010 IUP. (Post on Web and notify interested parties by email.) Written comments directed to State Water Board	August 28, 2009
End public comment period	September 16, 2009
State Water Board adopt SFY 2009/10 IUP at regularly scheduled State Water Board meeting	October 6, 2009
Begin public comment period on Amended 2009/10 IUP (Post on Web and notify interested parties by email.) Written comments directed to Division of Financial Assistance	January 27, 2010
End public comment period on Amended 2009/10 IUP.	February 10, 2010
Executive Director Approve Amended 2009/10 IUP.	February 17, 2010
Submit FFY 2010 Capitalization Grant, and ARRA supplementary grant, if available, applications with Amended 2009/10 IUP to US EPA. (Estimated)	February 18, 2010
Receive FFY 2010 Capitalization Grant and ARRA supplementary grant, if available, contracts from US EPA. (Estimated)	To be determined by US EPA

The State Water Board or the Executive Director may revise this IUP, but only after the public and interested parties are given an opportunity to comment on the proposed changes.

V. LIST OF TABLES

Table 1 Clean Water State Revolving Fund Summary of Projected Sources and Uses of Funds in SFY 2009/10

SOURCES	AMOUNT
2009 Capitalization Grant	\$ 48,667,707
2010 Capitalization Grant	\$ 170,000,000
Anticipated Repayments	\$ 218,014,470
Estimated CWSRF Account Interest	\$ 8,000,000
State Match (Local Match Credit)	\$ 43,733,541
Subtotal	\$ 488,415,718
<hr/>	
TOTAL OF ALL SOURCES	\$ 488,415,718
<hr/>	
USES	AMOUNT
4% Administration For 2009 Capitalization Grant	\$ 1,946,708
4% Administration For 2010 Capitalization Grant	\$ 6,800,000
Debt Service on 2002 Revenue Bonds	\$ 31,758,441
Minimum Balance	\$ 25,000,000
Subtotal	\$ 65,505,149
2009 Capitalization Grant Targeted Commitments	\$ 46,720,999
2010 Capitalization Grant Targeted Commitments	\$ 163,200,000
Subtotal	\$ 209,920,999
Base Program Loans	\$ 212,989,570
Subtotal	\$ 212,989,570
<hr/>	
TOTAL OF ALL USES	\$ 488,415,718

DATE OF ANALYSIS: July 09, 2009

Table 2 FISCAL IMPACT

The available cash over the next four years is approximately \$579 million according to current cash flow projections as seen in the table below.

CWSRF Project Four Year Cash Flow Projection

(as of 07/01/2009)	SFY 2009-10	SFY 2010-11	SFY 2011-12	SFY 2012-13
Beginning Balance:	\$425,553,508	\$153,940,697	\$231,193,863	\$354,283,399
Estimated Repayments	\$218,014,470	\$228,014,470	\$238,014,470	\$248,014,470
Debt Service on Revenue Bonds	(\$31,758,441)	(\$31,456,429)	(\$30,228,204)	(\$27,714,204)
Estimated Capitalization Grants (less admin)	\$46,720,999	\$163,200,000*	\$30,000,000*	\$30,000,000*
State G.O. Bond proceeds (less state admin. match)	\$153,477	\$0	\$0	\$0
Local Match Credits	\$7,067,998	\$8,609,145	\$1,557,723	\$833,350
Estimated SMIF Interest:	\$8,000,000	\$8,000,000	\$8,000,000	\$8,000,000
Estimated Disbursements	(\$519,811,314)	(\$299,114,020)	(\$124,254,454)	(\$34,176,629)
Subtotal	\$153,940,697	\$231,193,863	\$354,283,399	\$579,240,386

The economic recovery legislation provides up to four percent of the grant for state administrative costs. This will be sufficient to fund the necessary positions to implement the additional economic recovery legislation.

Table 3

State of California Clean Water State Revolving Fund Intended Use Plan Fundable Project List For SFY 2009/2010 and ARRA Grant

Proj. No.	RB	AGENCY	PROJECT NAME	NPDES PERMIT #/WDR	Estimated Construction Start Date	Estimated Agreement Date	Estimated Sources of Financing					Estimated Total Financing	Estimated Pre-ARRA Award Costs**	Estimated Green Value (ARRA Projects Only)	Green Project Type***	Project Type
							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
5176-120	8	INLAND EMPIRE UTILITIES AGENCY	NORTHEAST PACKAGE AREA 1 - 1630E PUMP STATION & 1299E RESERVOIR PROJECTS	Not Available	8/15/09	7/1/09	\$ -	\$ 5,173,320	\$ 616,400	\$ -	\$ -	\$ 5,789,720	\$ 212,295	\$ 5,173,320	W	212
5176-130	8	INLAND EMPIRE UTILITIES AGENCY	NORTHEAST PACKAGE AREA 1 - 1630E RECYCLED WATER PIPELINE PROJECT	Not Available	8/15/09	7/1/09	\$ -	\$ 4,491,377	\$ 1,166,862	\$ -	\$ -	\$ 5,658,239	\$ 879,733	\$ 4,491,377	W	212
5176-140	8	INLAND EMPIRE UTILITIES AGENCY	NORTHEAST PACKAGE AREA 1 - CHURCH STREET LATERAL PROJECT	Not Available	10/17/09	7/1/09	\$ -	\$ 1,028,014	\$ 50,461	\$ -	\$ -	\$ 1,078,475	\$ 462	\$ 1,028,014	W	212
5176-110	8	INLAND EMPIRE UTILITIES AGENCY	NORTHEAST PROJECT AREA PACKAGE 1- 1299E RECYCLED WATER PIPELINE	Not Available	8/15/09	7/1/09	\$ -	\$ 3,174,842	\$ 318,621	\$ -	\$ -	\$ 3,493,463	\$ 120,167	\$ 3,174,842	W	212
6933-110	3	CENTRAL COAST VINEYARD TEAM	IMPLEMENTATION OF BMP'S TO PROTECT WATER QUALITY	Not Available	5/15/09	7/6/09	\$ 138,302	\$ -	\$ -	\$ -	\$ -	\$ 138,302	\$ -	\$ -	-	319
6971-110	4	CITY OF LONG BEACH	LA RIVER VSS UNIT	CAS004003	12/31/09	7/6/09	\$ 539,634	\$ -	\$ -	\$ -	\$ -	\$ 539,634	\$ -	\$ -	-	212
6902-110	9	REGENTS OF THE UNIVERSITY OF CALIFORNIA	LA JOLLA SHORES ASBS	Not Available	9/1/09	7/6/09	\$ 2,644,400	\$ -	\$ -	\$ -	\$ -	\$ 2,644,400	\$ -	\$ 2,644,400	G	319
5177-110	2	DELTA DIABLO SANITATION DISTRICT	ANTIOCH RECYCLED WATER PROJECT	Not Available	8/10/09	7/8/09	\$ -	\$ 8,360,046	\$ 495,090	\$ -	\$ -	\$ 8,855,136	\$ 495,090	\$ 8,360,046	W	212
5150-110	5	KERMAN, CITY OF	WASTEWATER TREATMENT PLANT EXPANSION AND UPGRADE	R5-2007-0115	10/5/09	7/8/09	\$ 2,000,000	\$ -	\$ 5,821,898	\$ -	\$ -	\$ 7,821,898	\$ 234,657	\$ -	-	212
6923-110	5	WESTERN SHASTA RESOURCE CONSERVATION DISTRICT	INTEGRATED ECOSYSTEM IMPROVEMENTS FOR SHASTA COUNTY WATERSHEDS	Not Available	7/31/09	7/8/09	\$ 102,985	\$ -	\$ -	\$ -	\$ -	\$ 102,985	\$ -	\$ 102,985	W	319
5157-110	8	BEAUMONT CHERRY VALLEY WATER DISTRICT	RECYCLED WATER FACILITIES	Not Available	9/7/09	7/13/09	\$ -	\$ 15,362,500	\$ 745,600	\$ -	\$ -	\$ 16,108,100	\$ -	\$ 15,362,500	W	212
6927-110	3	CENTRAL COAST AGRICULTURAL WATER QUALITY COALITION	DEMONSTRATING COMPATIBILITY OF WATER QUALITY AND FOOD SAFETY THROUGH RESEARCH AND IMPLEMENTATION	Not Available	5/17/09	7/13/09	\$ 430,269	\$ -	\$ -	\$ -	\$ -	\$ 430,269	\$ -	\$ -	-	319
6973-110	1	CHER-AE HEIGHTS INDIAN COMMUNITY OF TRINIDAD RANCHERIA	TRINIDAD HARBOR AND BEACH	Not Available	12/31/09	7/13/09	\$ 1,662,708	\$ -	\$ -	\$ -	\$ -	\$ 1,662,708	\$ -	\$ -	-	319
6963-110	4	CITY OF LONG BEACH (LOS ANGELES RIVER TRASH NETS)	LOS ANGELES RIVER TRASH NETS	Not Available	10/31/09	7/13/09	\$ 403,200	\$ -	\$ -	\$ -	\$ -	\$ 403,200	\$ -	\$ -	-	212
6972-110	4	CITY OF LONG BEACH (LOS ANGELES RIVER TRASH SD)	LOS ANGELES RIVER TRASH SEPARATION DEVICE - SD13	Not Available	12/31/09	7/13/09	\$ 551,845	\$ -	\$ -	\$ -	\$ -	\$ 551,845	\$ -	\$ -	-	212
6913-110	3	CITY OF SANTA CRUZ	DRY WEATHER DIVERSION AT SAN LORENZO RIVER PUMP STATIONS 1B AND 3	CAS000004	8/31/09	7/13/09	\$ 489,308	\$ -	\$ -	\$ -	\$ -	\$ 489,308	\$ -	\$ -	-	212
6956-110	8	INLAND EMPIRE UTILITIES AGENCY	MAGNOLIA CHANNEL	Not Available	8/31/09	7/13/09	\$ 770,045	\$ -	\$ 3,000	\$ -	\$ -	\$ 773,045	\$ 3,000	\$ 773,045	G	319
6949-110	6	TAHOE RESOURCE CONSERVATION DISTRICT	POLARIS CREEK	Not Available	10/1/09	7/13/09	\$ 220,090	\$ -	\$ -	\$ -	\$ -	\$ 220,090	\$ -	\$ 220,090	O	319
6930-110	3	COUNTY OF SANTA CRUZ	REDUCING NONPOINT SOURCE (NPS) SEDIMENT AND PESTICIDE POLLUTION IN COUNTY ROAD MAINTENANCE OPERATIONS	Not Available	5/17/09	7/16/09	\$ 287,532	\$ -	\$ -	\$ -	\$ -	\$ 287,532	\$ -	\$ -	-	319
6932-110	3	RESOURCE CONSERVATION DISTRICT OF SANTA CRUZ	INTEGRATED WATERSHED RESTORATION PROGRAM PHASE II	Not Available	5/17/09	7/16/09	\$ 1,378,774	\$ -	\$ -	\$ -	\$ -	\$ 1,378,774	\$ -	\$ 2,534,073	O	319
6931-110	3	RESOURCE CONSERVATION DISTRICT OF SANTA CRUZ	PERMIT COORDINATION & AGRICULTURAL WATER QUALITY IMPLEMENTATION PROGRAM IN THE PAJARO WATERSHED	Not Available	5/17/09	7/16/09	\$ 174,479	\$ -	\$ -	\$ -	\$ -	\$ 174,479	\$ -	\$ -	-	319
4502-110	7	BRAWLEY, CITY OF	WASTEWATER TREATMENT PLANT UPGRADE PROJECT	CA0104523	11/30/09	7/20/09	\$ 10,000,000	\$ -	\$ 15,400,000	\$ -	\$ -	\$ 25,400,000	\$ 600,000	\$ -	-	212
6940-110	1	PACIFIC COAST FISH WILDLIFE	REDWOOD CREEK EROSION CONTROL	Not Available	9/1/09	7/20/09	\$ 1,417,318	\$ -	\$ -	\$ -	\$ -	\$ 1,417,318	\$ -	\$ -	-	319
6952-110	8	WESTERN RIVERSIDE COUNTY AG COALITION	IMPLEMENTATION OF TMDL AGRICULTURAL OPERATOR VOLUNTARY PROGRAM WITH 2 BMP'S IMPLEMENTED	Not Available	12/18/08	7/20/09	\$ 115,153	\$ -	\$ -	\$ -	\$ -	\$ 115,153	\$ -	\$ -	-	319
6924-110	2	COUNTY OF NAPA	NAPA RIVER - RUTHERFORD REACH RESTORATION	Not Available	8/31/09	7/21/09	\$ 977,307	\$ -	\$ -	\$ -	\$ -	\$ 977,307	\$ -	\$ 977,307	O	319
4997-120	5	CITY OF CHICO	CITY OF CHICO WATER POLLUTION CONTROL PLANT OUTFALL REPLACEMENT PROJECT (EXPANSION, PHASE 2)	CA0079081 R5-2004-0073	6/23/09	7/27/09	\$ 2,000,000	\$ -	\$ 3,422,120	\$ -	\$ -	\$ 5,422,120	\$ 570,308	\$ -	-	212
6974-110	9	LOS PENASQUITOS LAGOON FOUNDATION	LOS PENASQUITOS SEDIMENTATION BASIN	Not Available	6/6/09	7/27/09	\$ 972,166	\$ -	\$ -	\$ -	\$ -	\$ 972,166	\$ -	\$ -	-	319
6925-110	1	CALIFORNIA LAND STEWARDSHIP INSTITUTE	FISH FRIENDLY FARMING PROGRAM AGRICULTURAL CLEAN WATER IMPLEMENTATION	Not Available	8/31/09	8/3/09	\$ 362,542	\$ -	\$ -	\$ -	\$ -	\$ 362,542	\$ -	\$ -	-	319
6922-110	2	MARIN RESOURCE CONSERVATION DISTRICT	CONSERVING OUR WATERSHEDS RANCH WATER QUALITY IMPROVEMENT PROJECT	Not Available	8/31/09	8/3/09	\$ 564,577	\$ -	\$ -	\$ -	\$ -	\$ 564,577	\$ -	\$ -	-	319
5042-110	5	CITY OF LIVE OAK	LIVE OAK WASTEWATER TREATMENT PLANT 2007 UPGRADE PROJECT	CA0079022 R5-2004-0096	9/3/09	8/4/09	\$ 10,000,000	\$ -	\$ 6,000,000	\$ -	\$ -	\$ 16,000,000	\$ 162,617	\$ -	-	212
5139-110	4	CITY OF HUGHSON	WWTP UPGRADE AND EXPANSION	R5-2000-024	10/1/09	8/17/09	\$ -	\$ -	\$ 23,000,000	\$ -	\$ -	\$ 23,000,000	\$ -	\$ -	-	212
5098-110	5	LINDA COUNTY WATER DISTRICT	LINDA COUNTY WASTEWATER TREATMENT PLANT UPGRADE AND EXPANSION PROJECT	CA0079651 R5-2006-0096	11/1/09	8/17/09	\$ 10,000,000	\$ -	\$ -	\$ 44,304,000	\$ -	\$ 54,304,000	\$ 3,430,000	\$ -	-	212
6947-110	2	PORT OF SAN FRANCISCO (PIER 45)	PIER 45 DRAINAGE IMPROVEMENT/HERRING WATER DISCHARGE	CAS000004	9/8/09	8/20/09	\$ 1,548,645	\$ -	\$ -	\$ -	\$ -	\$ 1,548,645	\$ -	\$ -	-	212
4680-120	4	VENTURA, COUNTY OF	EL RIO SEWER PROJECT, PHASES 5B, 5C, AND 5D	Not Available	10/1/09	8/21/09	\$ 10,000,000	\$ -	\$ -	\$ 8,700,000	\$ -	\$ 18,700,000	\$ 561,000	\$ -	-	212
6921-110	2	ASSOCIATION OF BAY AREA GOVERNMENTS	TAKING ACTION FOR CLEAN WATER BAY AREA TMDL IMPLEMENTATION	Not Available	8/31/09	8/23/09	\$ 1,807,210	\$ -	\$ -	\$ -	\$ -	\$ 1,807,210	\$ -	\$ -	-	319

* Dates in **Bold** are Actual Dates
 **Costs incurred between 10/1/2008 and 4/30/2009
 *** G - Green Infrastructure
 W - Water Efficiency
 E - Energy Efficiency
 O - Other

Table 3

State of California Clean Water State Revolving Fund Intended Use Plan Fundable Project List For SFY 2009/2010 and ARRA Grant

Proj. No.	RB	AGENCY	PROJECT NAME	NPDES PERMIT #/WDR	Estimated Construction Start Date	Estimated Agreement Date	Estimated Sources of Financing					Estimated Total Financing	Estimated Pre-ARRA Award Costs**	Estimated Green Value (ARRA Projects Only)	Green Project Type***	Project Type
							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
6914-110	2	CALIFORNIA SPORTFISHING PROTECTION ALLIANCE	SUISUN CREEK WATERSHED PROGRAM	Not Available	12/1/09	8/23/09	\$ 89,963	\$ -	\$ -	\$ -	\$ -	\$ 89,963	\$ -	\$ 89,963	G	319
6919-110	5	COMMUNITY ALLIANCE WITH FAMILY FARMERS FOUNDATION	BMP'S FOR REDUCING SEDIMENT AND PESTICIDES IN RUNOFF FROM COLUSA COUNTY ALMOND ORCHARDS	Not Available	9/30/09	8/23/09	\$ 560,245	\$ -	\$ -	\$ -	\$ -	\$ 560,245	\$ -	\$ -	-	319
5554-110	1	COVELO COMMUNITY SERVICES DISTRICT	WWTP IMPROVEMENT PROJECT PHASES 1 & 2	CA0023574 R1-2006-0007	11/1/09	8/24/09	\$ 1,263,274	\$ -	\$ -	\$ -	\$ -	\$ 1,263,274	\$ -	\$ -	-	212
6406-110	4	LOS ANGELES & SAN GABRIEL RIVERS WATERSHED COUNCIL	SUN VALLEY NEIGHBORHOOD DEMONSTRATION RETROFIT EXPANDED	Not Available	10/1/09	8/25/09	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ 480,000	\$ -	\$ 480,000	G	319
6421-110	4	LOS ANGELES DEPARTMENT OF WATER AND POWER	NORTH HOLLYWOOD ALLEY RETORFIT BMP DEMONSTRATION PROJECT	Not Available	9/25/09	8/25/09	\$ 638,835	\$ -	\$ -	\$ -	\$ -	\$ 638,835	\$ -	\$ 638,835	G	319
5327-110	8	INLAND EMPIRE UTILITIES AGENCY	RP-1DEWATERING FACILITY EXPANSION PROJECT	CA0105279	10/7/09	8/27/09	\$ -	\$ 26,788,385	\$ -	\$ 790,615	\$ -	\$ 27,579,000	\$ 415,615	\$ 26,788,385	E	212
4729-140	9	LA MESA, CITY OF	LA MESA SEWER SYSTEM IMPROVEMENT PROJECT PHASE IV	Not Available	7/13/09	8/27/09	\$ -	\$ -	\$ -	\$ 3,376,922	\$ -	\$ 3,376,922	\$ -	\$ -	-	212
6440-110	2	ASSOCIATION OF BAY AREA GOVERNMENTS	EL CERRITO GREEN STREETS	Not Available	9/1/09	8/27/09	\$ 392,000	\$ -	\$ -	\$ -	\$ -	\$ 392,000	\$ -	\$ 392,000	G	319
6302-110	6	CITY OF SOUTH LAKE TAHOE	SIERRA TRACT EROSION CONTROL PROJECT, PHASE 1B	Not Available	9/15/09	8/27/09	\$ 1,670,000	\$ -	\$ -	\$ -	\$ -	\$ 1,670,000	\$ -	\$ -	-	319
5311-110	8	EASTERN MUNICIPAL WATER DISTRICT	MORENO VALLEY REGIONAL WATER RECLAMATION FACILITY - APAD	Not Available	8/3/09	8/28/09	\$ -	\$ 10,358,500	\$ -	\$ 35,956,913	\$ -	\$ 46,315,413	\$ -	\$ -	-	212
4746-110	4	LOS ANGELES COUNTY SANITATION DISTRICT	PALMDALE WRP - STAGE V EXPANSION	Not Available	4/17/09	8/28/09	\$ -	\$ -	\$ -	\$ 52,700,000	\$ -	\$ 52,700,000	\$ -	\$ -	-	212
6135-110	4	CITY OF HERMOSA BEACH	PIER AVENUE IMPROVEMENT	Not Available	12/1/09	8/29/09	\$ 1,265,000	\$ -	\$ -	\$ -	\$ -	\$ 1,265,000	\$ -	\$ 1,265,000	G	319
6444-110	4	CITY OF REDONDO BEACH	ALTA VISTA PARK DIVERSION AND REUSE PROJECT	Not Available	12/15/09	8/29/09	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ -	\$ 2,200,000	G	319
6439-110	4	GATEWAY IRWM AUTHORITY	GATEWAY IRWM AUTHORITY STORM DRAIN CATCH BASIN RETROFIT PROJECT	Not Available	11/1/09	8/29/09	\$ 10,000,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ -	\$ -	-	319
6199-110	2	OAKLAND, CITY OF	REMOVAL OF STORMWATER POLLUTANTS AT LAKE MERRITT AND THE OAKLAND ESTUARY	R2-2003-0021	10/1/09	8/29/09	\$ 3,450,000	\$ -	\$ -	\$ -	\$ -	\$ 3,450,000	\$ -	\$ -	-	319
6207-110	3	SANTA BARBARA, CITY OF	UPPER LAS POSITAS CREEK RESTORATION & STORM WATER MANAGEMENT PROJECT	Not Available	9/20/09	8/29/09	\$ 1,652,197	\$ -	\$ -	\$ -	\$ -	\$ 1,652,197	\$ -	\$ -	-	319
6202-110	3	SANTA BARBARA, CITY OF	CATCH BASIN INLET STORM DRAIN SCREENS	Not Available	9/20/09	8/29/09	\$ 1,789,388	\$ -	\$ -	\$ -	\$ -	\$ 1,789,388	\$ -	\$ -	-	319
4965-110	5	AMADOR WATER AGENCY	GAYLA MANOR LEACHFIELD EXPANSION PROJECT	R5-2003-0182	10/1/09	8/29/09	\$ 367,612	\$ -	\$ -	\$ -	\$ -	\$ 367,612	\$ -	\$ -	-	212
5115-110	4	UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT	SAN GABRIEL VALLEY WATER RECYCLING PROJECT PHASE IIB	Not Available	7/28/10	8/30/09	\$ -	\$ -	\$ -	\$ 11,060,000	\$ -	\$ 11,060,000	\$ -	\$ -	-	212
6916-110	2	CALIFORNIA LAND STEWARDSHIP INSTITUTE	NAPA RIVER SEDIMENT REDUCTION & HABITAT ENHANCEMENT	Not Available	8/31/09	8/31/09	\$ 157,887	\$ -	\$ -	\$ -	\$ -	\$ 157,887	\$ -	\$ -	-	319
6920-110	2	SAN MATEO COUNTY RESOURCE CONSERVATION DISTRICT	IMPROVING WATER QUALITY IN COASTAL SAN MATEO COUNTY WATERSHEDS	Not Available	10/31/09	8/31/09	\$ 210,484	\$ -	\$ -	\$ -	\$ -	\$ 210,484	\$ -	\$ -	-	319
4655-140	2	PIEDMONT, CITY OF	SEWER REHABILITATION PROJECT	CA0038504	7/1/09	8/31/09	\$ -	\$ 568,177	\$ -	\$ 2,951,823	\$ -	\$ 3,520,000	\$ -	\$ -	-	212
6441-110	2	ASSOCIATION OF BAY AREA GOVERNMENTS	BAY AREA-WIDE TRASH CAPTURE DEMONSTRATION PROJECT	Revision of CAS612008	9/15/09	8/31/09	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ -	\$ 5,000,000	G	319
6421-110	4	CITY OF COMPTON	GONZALES PARK DRAINAGE AND IMPROVEMENTS	Not Available	10/1/09	8/31/09	\$ 890,316	\$ -	\$ -	\$ -	\$ -	\$ 890,316	\$ -	\$ 890,316	G	319
6136-110	4	CITY OF MALIBU	MALIBU CIVIC CENTER STORMWATER MANAGEMENT PROJECT	Not Available	10/1/09	8/31/09	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ -	\$ 5,000,000	G	319
4746-140	4	LOS ANGELES COUNTY SANITATION DISTRICT	PALMDALE WRP - STAGE V PUMP STATIONS	Not Available	3/31/08	8/31/09	\$ -	\$ -	\$ -	\$ 4,400,000	\$ -	\$ 4,400,000	\$ -	\$ -	-	212
6443-110	2	OAKLAND, CITY OF	CITY OF OAKLAND RAINWATER HARVESTING PROGRAM	R2-2003-0021	10/1/09	8/31/09	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ -	\$ -	-	319
6222-110	4	SANTA MONICA BAYKEEPER	BALLONA CREEK LID RAIN GARDENS	Not Available	11/1/09	8/31/09	\$ 2,189,500	\$ -	\$ -	\$ -	\$ -	\$ 2,189,500	\$ -	\$ 2,189,500	G	319
18674	8	ANAHEIM	PUBLIC UTILITIES PILOT INFILTRATION PROJECT	Not Available	6/1/10	9/1/09	\$ 230,250	\$ -	\$ -	\$ -	\$ -	\$ 230,250	\$ -	\$ -	-	319
18685	2	CITY OF ALAMEDA	INSTALLATION OF MECHANICAL TRASH RACKS AT THREE STORM WATER PUMP STATIONS	Not Available	4/7/10	9/1/09	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ -	-	319
18677	2	CITY OF ALAMEDA	SOUTHSHORE LAGOON SEAWALL UPGRADE	Not Available	4/19/10	9/1/09	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000	\$ -	\$ -	-	319
5385-110	5	CITY OF COLFAX	COLFAX SEWER LIFT STATIONS AND I&I ELIMINATION PROJECT	CA0079529 R5-2007-0130	11/1/09	9/1/09	\$ 3,627,000	\$ -	\$ -	\$ -	\$ -	\$ 3,627,000	\$ -	\$ -	-	212
18509	8	CITY OF MISSION VIEJO	OSO CREEK RESTORATION & PROTECTION PROJECT	Not Available	6/1/09	9/1/09	\$ 1,045,000	\$ -	\$ -	\$ -	\$ -	\$ 1,045,000	\$ -	\$ -	-	319
17904	3	CITY OF MORRO BAY	MORRO BAY ESTUARY LID BOATYARD	Not Available	2/1/10	9/1/09	\$ 3,420,492	\$ -	\$ -	\$ -	\$ -	\$ 3,420,492	\$ -	\$ -	-	319
6508-110	6	CITY OF SOUTH LAKE TAHOE	AL TAHOE EROSION CONTROL PROJECT	Not Available	8/5/09	9/1/09	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	-	319

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 *** G - Green Infrastructure
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Proj. No.	RB	AGENCY	PROJECT NAME	NPDES PERMIT #/WDR	Estimated Construction Start Date	Estimated Agreement Date	Estimated Sources of Financing					Estimated Total Financing	Estimated Pre-ARRA Award Costs**	Estimated Green Value (ARRA Projects Only)	Green Project Type***	Project Type
							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
17830	4	THOUSAND OAKS, CITY OF	STORMWATER DRAINAGE IMPROVEMENT	Not Available	10/17/09	9/1/09	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	-	319
17807	4	THOUSAND OAKS, CITY OF	STORMWATER QUALITY IMPROVEMENT	Not Available	10/23/09	9/1/09	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	-	319
4746-120	4	LOS ANGELES COUNTY SANITATION DISTRICT	PALMDALE WRP - STAGE V STORAGE RESERVOIRS	Not Available	7/30/08	9/4/09	\$ -	\$ -	\$ -	\$ 7,000,000	\$ -	\$ 7,000,000	\$ -	\$ -	-	212
5063-110	5	WASCO, CITY OF	WASTEWATER CENTRIFUGE PROJECT	R5-2002-0198	10/12/09	9/6/09	\$ 1,903,868	\$ -	\$ -	\$ -	\$ -	\$ 1,903,868	\$ -	\$ -	-	212
5044-110	2	PALO ALTO, CITY OF	REGIONAL WATER QUALITY CONTROL PLANT DISINFECTION FACILITY PROJECT	CA0037834	7/30/09	9/7/09	\$ -	\$ -	\$ -	\$ 9,435,480	\$ -	\$ 9,435,480	\$ -	\$ -	-	212
5220-110	2	UNION SANITARY DISTRICT	CEDAR BLVD SANITARY SEWER REHABILITATION PROJECT	CA0037869	8/15/09	9/9/09	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -	\$ 3,500,000	\$ -	\$ -	-	212
6964-110	4	CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS	MAR VISTA RECREATION CENTER RETROFIT	CAS004001	5/11/09	9/10/09	\$ 1,766,568	\$ -	\$ -	\$ -	\$ -	\$ 1,766,568	\$ -	\$ -	-	212
4922-110	1	CITY OF RIO DELL	SOLIDS AND DISINFECTION MANAGEMENT PROJECT	CA0022748 R1-2006-0021	11/16/09	9/10/09	\$ 2,254,714	\$ -	\$ -	\$ -	\$ -	\$ 2,254,714	\$ -	\$ -	-	212
6966-110	4	FRIENDS OF THE SANTA CLARA RIVER	HEDRICK RANCH NATURE AREA WETLAND & RIPARIAN RESTORATION	Not Available	12/1/09	9/10/09	\$ 165,018	\$ -	\$ -	\$ -	\$ -	\$ 165,018	\$ -	\$ 165,018	G	319
4926-110	1	GARBERVILLE SANITARY DISTRICT	WWTP EXPANSION AND I&I CORRECTION	R1-2000-58	11/2/09	9/10/09	\$ 2,951,173	\$ -	\$ -	\$ -	\$ -	\$ 2,951,173	\$ -	\$ -	-	212
6960-110	8	INLAND EMPIRE UTILITIES AGENCY (CHINO CREEK)	CHINO CREEK CLEANUP AND RESTORATION	Not Available	8/31/09	9/10/09	\$ 1,472,263	\$ -	\$ -	\$ -	\$ -	\$ 1,472,263	\$ 4,000	\$ -	-	319
6959-110	8	INLAND EMPIRE UTILITIES AGENCY (GREATER PRADO BASIN)	GREATER PRADO BASIN CLEAN-UP & RESTORATION	Not Available	11/1/09	9/10/09	\$ 333,633	\$ -	\$ -	\$ -	\$ -	\$ 333,633	\$ 1,500	\$ -	-	319
6968-110	4	VENTURA COUNTY WATERSHED PROT. DISTRICT (MATILJA DAM)	MATILJA DAM ECOSYSTEM RESTORATION PROJECT	Not Available	5/17/09	9/10/09	\$ 951,560	\$ -	\$ -	\$ -	\$ -	\$ 951,560	\$ -	\$ 951,560	O	319
6954-110	8	WESTERN MUNICIPAL WATER DISTRICT	CHINO II DESALTER ULTIMATE EXPANSION	Not Available	10/31/09	9/10/09	\$ 4,486,284	\$ -	\$ -	\$ -	\$ -	\$ 4,486,284	\$ -	\$ -	-	319
7034-110	1	DEL NORTE COUNTY SERVICE AREA NO. 1	SEWER COLLECTION SYSTEM REHABILITATION PROJECT	CA0022756	8/31/09	9/10/09	\$ 695,255	\$ -	\$ -	\$ -	\$ -	\$ 695,255	\$ -	\$ -	-	212
5706-110	5	ANGELS, CITY OF	WASTEWATER IMPROVEMENT PROJECT PHASE III	CA0085201	9/25/09	9/11/09	\$ 3,672,725	\$ -	\$ -	\$ -	\$ 872,725	\$ 4,545,450	\$ 200,000	\$ -	-	212
6416-110	2	LITERACY FOR ENVIRONMENTAL JUSTICE	ECOCENTER AT HERONS HEAD PARK	Not Available	9/15/09	9/14/09	\$ 350,160	\$ -	\$ -	\$ -	\$ -	\$ 350,160	\$ -	\$ 350,160	G	319
6430-110	6	PLACER COUNTY	KINGS BEACH WATERSHED IMPROVEMENT PROJECT	Not Available	8/21/09	9/15/09	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ -	\$ -	-	319
5103-110	5	ARVIN, CITY OF	ARVIN WASTEWATER TREATMENT PLANT EXPANSION PROJECT	5-00-093	2/1/10	9/17/09	\$ -	\$ -	\$ -	\$ -	\$ 17,524,000	\$ 17,524,000	\$ -	\$ -	-	212
7044-110	5	FRESNO, CITY OF	CORTLAND/FOUNTAIN WAY SEWER SYSTEM	Not Available	11/9/09	9/18/09	\$ -	\$ -	\$ -	\$ -	\$ 357,500	\$ 357,500	\$ -	\$ -	-	212
5675-110	5	LONDON COMMUNITY SERVICES DISTRICT	WASTEWATER FACILITY IMPROVEMENT PROJECT	96-172	1/22/10	9/18/09	\$ -	\$ -	\$ -	\$ -	\$ 1,137,200	\$ 1,137,200	\$ -	\$ -	-	212
5744-110	5	DINUBA, CITY OF	TREATMENT PLANT IMPROVEMENTS - PHASE I	95-200	7/15/09	9/21/09	\$ -	\$ -	\$ -	\$ -	\$ 12,850,000	\$ -	\$ -	\$ -	-	212
5272-110	5	NEWCASTLE SANITARY DISTRICT	NEWCASTLE WWTP DECOMMISSIONING AND PROPOSED PUMP STATION	5-00-198	9/21/09	9/21/09	\$ -	\$ -	\$ -	\$ -	\$ 7,943,387	\$ 7,943,387	\$ -	\$ -	-	212
6433-110	5	AMERICAN RIVERS	STORMWATER MANAGEMENT IN THE YUBA WATERSHED	Not Available	9/30/09	9/29/09	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ -	\$ 375,000	G	319
6425-110	2	CITY OF SAUSALITO	PRIORITY STORMWATER CONTROL PROJECTS	Not Available	2/1/10	9/29/09	\$ 4,100,000	\$ -	\$ -	\$ -	\$ -	\$ 4,100,000	\$ -	\$ 4,100,000	G	319
6166-110, 6239-110, 6241-110	5	CITY OF SELMA	CITY OF SELMA STORMWATER PROJECTS (ONE, TWO AND THREE)	Not Available	1/30/09	9/29/09	\$ 3,918,620	\$ -	\$ -	\$ -	\$ -	\$ 3,918,620	\$ -	\$ 3,918,620	G	319
6350-110	5	FRESNO METROPOLITAN FLOOD CONTROL DISTRICT	CONSERVATION OF MUNICIPAL WATER SUPPLY VIA SURFACE WATER RECYCLING, AND STORMWATER TREATMENT AND COLLECTION PROJECTS	Not Available	11/30/09	9/29/09	\$ 3,892,600	\$ -	\$ -	\$ -	\$ -	\$ 3,892,600	\$ -	\$ 3,892,600	G	319
6423-110	2	NAPA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	STORMWATER HARVESTING IN NAPA COUNTY	Not Available	11/30/09	9/29/09	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ 600,000	G	319
6320-110	2	TOWN OF HILLSBOROUGH	MOBILE FILTRATION SYSTEM	Not Available	10/1/09	9/29/09	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ 300,000	G	319
6442-110	2	VALLEJO SANITATION & FLOOD DIST.	LAKE DALWIGK IMPROVEMENTS	Not Available	12/1/09	9/29/09	\$ 3,850,000	\$ -	\$ -	\$ -	\$ -	\$ 3,850,000	\$ -	\$ 3,850,000	G	319
5172-110	5	ANTIOCH, CITY OF	MARKLEY CREEK PROJECT	Not Applicable	7/3/08	9/30/09	\$ -	\$ -	\$ -	\$ -	\$ 2,080,481	\$ 2,080,481	\$ -	\$ -	-	212
6104-110	6	CITY OF SOUTH LAKE TAHOE	BIJOU CREEK CULVERT REPLACEMENT PROJECT	Not Available	9/15/09	9/30/09	\$ 2,234,000	\$ -	\$ -	\$ -	\$ -	\$ 2,234,000	\$ -	\$ -	-	319
4049-110	5	CITY OF WILLIAMS	NPDES TIME SCHEDULE - UPGRADE TREATMENT PLANT	R5-2008-0185 CA0077933	7/31/09	9/30/09	\$ 9,923,999	\$ -	\$ -	\$ -	\$ 10,310,001	\$ 20,234,000	\$ 607,020	\$ -	-	212
6221-110	5	PLUMAS CORPORATION	QUINCY COMMUNITY SERVICES DISTRICT WETLAND AND WATER DISCHARGE PROJECTS	Not Available	12/15/09	9/30/09	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000	G	319

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							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
4456-120	5	PLYMOUTH, CITY OF	PLYMOUTH WASTEWATER TREATMENT PLANT IMPROVEMENTS-PHSE 1	R5-01-095	1/15/10	9/30/09	\$ 1,018,000	\$ -	\$ -	\$ -	\$ -	\$ 1,018,000	\$ -	\$ -	-	212
4456-130	5	PLYMOUTH, CITY OF	WASTEWATER COLLECTION SYSTEM REHABILITATION PROJECT	R5-01-095	1/15/10	9/30/09	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ -	-	212
4971-250	5	REDDING, CITY OF	CLEAR CREEK WWTP EXPANSION & UPGRADE BID PACKAGE 6	CA0079731 R5-2003-0131	1/15/10	9/30/09	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 11,000,000	\$ 13,000,000	\$ -	\$ -	-	212
6910-110	3	SANTA CRUZ COUNTY SANITATION DISTRICT (NEW BRIGHTON)	NEW BRIGHTON/SEACLIFF BEACH SEWER REPLACEMENT	CAS000004	11/31/09	9/30/09	\$ 1,732,877	\$ -	\$ -	\$ -	\$ -	\$ 1,732,877	\$ -	\$ -	-	212
5827-110	4	CHINO HILLS, CITY OF	HIGH ZONE AND INTERMEDIATE ZONE RECYCLED WATER SYSTEM	Not Available	11/1/09	10/1/09	\$ -	\$ -	\$ -	\$ -	\$ 6,838,094	\$ 6,838,094	\$ -	\$ -	-	212
4313-110	7	ELSINORE VALLEY MUNICIPAL WATER DISTRICT	WILDOMAR RECYCLED WATER PROJECT	CA8000027	10/1/09	10/1/09	\$ -	\$ -	\$ -	\$ -	\$ 6,836,000	\$ 6,836,000	\$ -	\$ -	-	212
5833-110	5	SACRAMENTO REGIONAL COUNTY SANITATION DIST.	SRWTP SOLAR MIXERS FOR SECONDARY SEDIMENTATION BASINS	CA0077682	11/1/09	10/1/09	\$ -	\$ -	\$ -	\$ -	\$ 2,108,000	\$ 2,108,000	\$ -	\$ -	-	212
4831-110	3	SANTA CRUZ COUNTY SANITATION DISTRICT	APTOS TRANSMISSION MAIN RELOCATION	CAS000004	11/31/09	10/1/09	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000	\$ -	\$ -	-	212
5379-110	5	FRESNO, CITY OF	HERNDON TOWN SEWER COLLECTION SYSTEM	Not Available	9/1/09	10/3/09	\$ -	\$ -	\$ -	\$ -	\$ 896,600	\$ 896,600	\$ -	\$ -	-	212
5043-110	5	GALT, CITY OF	WASTEWATER TREATMENT PLANT TERTIARY FILTRATION AND ULTRAVIOLET(UV) DISINFECTION FACILITIES PROJECT	CA0081434	10/14/09	10/8/09	\$ -	\$ -	\$ -	\$ -	\$ 21,400,000	\$ 21,400,000	\$ -	\$ -	-	212
5351-110	2	CASTRO VALLEY SANITARY DISTRICT	SANITARY SEWER COLLECTION SYSTEM MASTER PLAN PROJECTS	Not Available	11/1/09	10/14/09	\$ -	\$ -	\$ -	\$ -	\$ 21,000,000	\$ 5,789,720	\$ -	\$ -	-	212
5152-110	2	BURLINGAME, CITY OF	EMERGENCY WASTEWATER RETENTION BASIN	CA0037788	12/1/09	10/15/09	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 7,000,000	\$ -	\$ -	-	212
4352-210	6	LAKE ARROWHEAD COMMUNITY SERVICES DIST.	GRASS VALLEY WASTEWATER TREATMENT PLANT EXPANSION	Not Available	9/30/09	10/15/09	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 7,000,000	\$ -	\$ -	-	212
7401-110	1	RIO DELL, CITY OF	TREATMENT PLAN IMPROVEMENTS AND INFLOW AND INFILTRATION REDUCTION PROJECT	CA0022748 R1-2006-0021	9/1/11	10/15/09	\$ -	\$ -	\$ -	\$ -	\$ 365,110	\$ 365,110	\$ -	\$ -	-	212
4746-130	4	LOS ANGELES COUNTY SANITATION DISTRICT	PALMDALE WRP - STAGE V TRANSMISSION PIPELINE	Not Available	2/28/08	10/16/09	\$ -	\$ -	\$ -	\$ -	\$ 5,900,000	\$ 5,900,000	\$ -	\$ -	-	212
6401-110	3	SANTA BARBARA, CITY OF	EL ESTERO FATS/FOOD, OILS, AND GREASE (FOG) BIOFUEL CONVERSION PROJECT	CA0048143	12/31/09	10/21/09	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	\$ -	\$ -	-	212
5859-110	3	SANTA BARBARA, CITY OF	EL ESTERO HEADWORKS SCREENING PROJECT	CA0048143	2/1/10	10/21/09	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	\$ -	\$ -	-	212
5713-110	5	STOCKTON, CITY OF	ARCH ROAD SANITARY PUMP STATION AND FORCE MAIN	R5-2008-0155	10/23/09	10/23/09	\$ -	\$ -	\$ -	\$ -	\$ 7,900,000	\$ 7,900,000	\$ -	\$ -	-	212
7085-110	5	STOCKTON, CITY OF	TUXEDO AVENUE SEWER REHABILITATION	Not Available	10/23/09	10/23/09	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	-	212
4701-420	4	LOS ANGELES COUNTY SANITATION DISTRICT	WHITTIER NARROWS WRP SECONDARY TREATMENT FACILITY MODS	CA0053716 R4-2002-0142	1/2/09	10/28/09	\$ -	\$ -	\$ -	\$ -	\$ 3,200,000	\$ 3,200,000	\$ -	\$ -	-	212
4688-110	5	OAKDALE, CITY OF	UPGRADE WASTEWATER TREATMENT FACILITY	5-04-094	8/20/09	10/30/09	\$ -	\$ -	\$ -	\$ -	\$ 13,030,000	\$ 13,030,000	\$ -	\$ -	-	212
4395-110	9	SAN DIEGO, CITY OF	POINT LOMA GRIT PROCESSING IMPROVEMENTS	CA0107409	9/15/09	10/30/09	\$ -	\$ -	\$ -	\$ -	\$ 46,419,892	\$ 46,419,892	\$ -	\$ -	-	212
5137-110	5	CITY OF ATWATER	CITY OF ATWATER WASTEWATER TREATMENT PLANT IMPROVEMENT PROJECT	R5-2007-0063 CA0079197	10/15/09	10/31/09	\$ -	\$ -	\$ -	\$ -	\$ 40,000,000	\$ 40,000,000	\$ -	\$ -	-	212
5061-110	7	BANNING, CITY OF	WASTEWATER TREATMENT PLANT EXPANSION & WATER RECYCLING DISTRIBUTION SYSTEM	Not Available	2/1/10	11/1/09	\$ -	\$ -	\$ -	\$ -	\$ 32,600,000	\$ 32,600,000	\$ -	\$ -	-	212
5490-110	9	DEL MAR, CITY OF	21ST STREET SEWER PUMP STATION	CA0107409	12/1/09	11/1/09	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000	\$ -	\$ -	-	212
5030-110	2	EAST BAY MUNICIPAL UTILITY DISTRICT	CENTRIFUGE REPLACEMENT PHASE I PROJECT	CA0037702	11/30/09	11/1/09	\$ -	\$ -	\$ -	\$ -	\$ 8,350,000	\$ 8,350,000	\$ -	\$ -	-	212
5156-110	5	MAXWELL PUBLIC UTILITIES DISTRICT	WASTEWATER SYSTEM IMPROVEMENTS	R5-2009-0009 CA0079987	10/15/09	11/1/09	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ -	-	212
6220-110	8	WESTMINSTER, CITY OF	HAZARD AVENUE STORM DRAIN PROJECT	CAS618030	12/1/09	11/1/09	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000	\$ 1,100,000	\$ -	\$ -	-	212
5872-110	4	LOS ANGELES COUNTY WATERWORKS DIST 40	ANTELOPE RECYCLED WATER PROJECT PHASE 2	R6V-2006-0009	12/1/09	11/2/09	\$ -	\$ -	\$ -	\$ -	\$ 23,100,000	\$ 23,100,000	\$ -	\$ -	-	212
5376-110	6	VICTOR VALLEY WASTEWATER REC AUTHORITY	PHASE IIIA REGULATORY UPGRADES	CA0102822	12/1/09	11/2/09	\$ -	\$ -	\$ -	\$ -	\$ 24,328,241	\$ 5,789,720	\$ -	\$ -	-	212
4730-110	9	SAN JUAN CAPISTRANO, CITY OF	RECLAIMED WATER & CONVEYANCE SYSTEM (RECLAMATION)	Not Available	2/1/10	11/14/09	\$ -	\$ -	\$ -	\$ -	\$ 50,000,000	\$ 50,000,000	\$ -	\$ -	-	212
5160-110	3	SUNNYSLOPE COUNTY WATER DISTRICT	RIDGEMARK RECYCLED WATER FACILITY UPGRADES	R3-2004-0065	11/15/09	11/15/09	\$ -	\$ -	\$ -	\$ -	\$ 13,000,000	\$ 13,000,000	\$ -	\$ -	-	212
5219-110	2	UNION SANITARY DISTRICT	PRIMARY CLARIFIER REHABILITATION PROJECT	CA0037869	12/15/09	11/19/09	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000	\$ 9,000,000	\$ -	\$ -	-	212
5211-110	2	NORTH MARIN WATER DISTRICT	RECYCLED WATER PIPELINE EXTENSION	Not Available	12/1/10	11/20/09	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000	\$ 3,800,000	\$ -	\$ -	-	212

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							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
5159-110	8	EASTERN MUNICIPAL WATER DISTRICT	SAN JACINTO VALLEY REGIONAL WATER RECLAMATION FACILITY	Not Available	8/3/09	11/27/09	\$ -	\$ -	\$ -	\$ -	\$ 240,000,000	\$ 240,000,000	\$ -	\$ -	-	212
5201-110	1	RUSSIAN RIVER COUNTY SANITATION DISTRICT	DISINFECTION UPGRADE PROJECT	R1-2009-0003	11/15/09	11/30/09	\$ -	\$ -	\$ -	\$ -	\$ 4,200,000	\$ 4,200,000	\$ -	\$ -	-	212
5090-110	1	SOUTH PARK COUNTY SANITATION DISTRICT	COLLECTION SYSTEM REPLACEMENT	R1-2007-0040	11/15/09	11/30/09	\$ -	\$ -	\$ -	\$ -	\$ 3,675,000	\$ 3,675,000	\$ -	\$ -	-	212
5383-110	4	WEST BASIN MUNICIPAL WATER DIST	ANZA RECYCLED WATER LATERAL	Not Available	1/1/10	11/30/09	\$ -	\$ -	\$ -	\$ -	\$ 1,936,360	\$ 1,936,360	\$ -	\$ -	-	212
5384-110	4	WEST BASIN MUNICIPAL WATER DIST	EDWARD C. LITTLE WATER RECYCLING FACILITY, PHASE V	R4-2002-0173, R4-2006-0009	1/1/10	11/30/09	\$ -	\$ -	\$ -	\$ -	\$ 34,880,159	\$ 34,880,159	\$ -	\$ -	-	212
4167-110	9	SOUTH ORANGE COUNTY WW AUTH.	ADVANCED WATER TREATMENT PLANT (RECLAMATION)	Not Available	12/31/09	11/30/09	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000	\$ -	\$ -	-	212
5039-110	5	CITY OF ORANGE COVE	WASTEWATER TREATMENT PLANT SYSTEM IMPROVEMENT PROJECT	R5-2004-0008	11/15/09	12/1/09	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	-	212
5977-110	7	ELSINORE VALLEY MUNICIPAL WATER DISTRICT	LEMON GROVE RECYCLED WATER RETROFIT	Not Available	1/10/10	12/1/09	\$ -	\$ -	\$ -	\$ -	\$ 942,000	\$ 942,000	\$ -	\$ -	-	212
5911-110	7	ELSINORE VALLEY MUNICIPAL WATER DISTRICT	SUMMERLY RECYCLED WATER PIPELINE PROJECT	Not Available	1/10/10	12/1/09	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	-	212
5173-110	5	MODESTO, CITY OF	EMERALD TRUNK REHABILITATION	Not Available	12/1/09	12/1/09	\$ -	\$ -	\$ -	\$ -	\$ 14,000,000	\$ 5,789,720	\$ -	\$ -	-	212
6492-110	9	REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO	UC SAN DIEGO CLEAN WATER UTILITY INITIATIVE STORM WATER POLLUTION PROJECTS	CAS0108785	1/1/10	12/1/09	\$ -	\$ -	\$ -	\$ -	\$ 13,000,000	\$ 13,000,000	\$ -	\$ -	-	212
5603-110	2	SANTA CLARA, CITY OF	WALSH AVENUE SANITARY SEWER IMPROVEMENT PROJECT	Not Available	1/16/10	12/3/09	\$ -	\$ -	\$ -	\$ -	\$ 18,000,000	\$ 18,000,000	\$ -	\$ -	-	212
5918-110	5	LIVINGSTON, CITY OF	DOMESTIC WASTEWATER TREATMENT PLANT EXPANSION	89-066	1/15/10	12/11/09	\$ -	\$ -	\$ -	\$ -	\$ 29,000,000	\$ 29,000,000	\$ -	\$ -	-	212
5602-110	5	TURLOCK, CITY OF	HARDING DRAIN BYPASS - NEW PUMP STATION, EXTENSION AND OUTFALL	CA0078948	11/30/09	12/15/09	\$ -	\$ -	\$ -	\$ -	\$ 20,000,000	\$ 20,000,000	\$ -	\$ -	-	212
5256-110	5	TURLOCK, CITY OF	TURLOCK WASTEWATER TREATMENT PLANT UPGRADE/EXPANSION	CA0078948	12/30/09	12/15/09	\$ -	\$ -	\$ -	\$ -	\$ 24,000,000	\$ 24,000,000	\$ -	\$ -	-	212
5115-120	4	UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT	SAN GABRIEL VALLEY WATER RECYCLING PROJECT PHASE IIB	Not Available	10/23/10	12/17/09	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000	\$ 3,800,000	\$ -	\$ -	-	212
5809-110	2	ALAMEDA, CITY OF	CYCLIC SEWER PHASE 6: PACIFIC, BUENA VISTA, LINCOLN	Not Available	3/1/10	12/31/09	\$ -	\$ -	\$ -	\$ -	\$ 1,950,000	\$ 1,950,000	\$ -	\$ -	-	212
4516-110	9	SAN CLEMENTE, CITY OF	RECLAIMED WATER SYSTEM EXPANSION (RECLAMATION)	Not Available	2/1/10	12/31/09	\$ -	\$ -	\$ -	\$ -	\$ 13,650,000	\$ 13,650,000	\$ -	\$ -	-	212
5348-110	1	THE YUOK TRIBE (WESTERN RIVERS CONSERVANCY COAPPLICANT)	FOR THE YUOK TRIBE (WESTERN RIVERS CONSERVANCY COAPPLICANT) BLUE, WEITCHPEC, CAPPELL, AND PECWAN CREEK TRIBUTARIES OF THE Klamath River	Not Available	1/1/2010	12/31/09	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000	\$ -	\$ -	-	319
5411-110	1	CITY OF WILLITS	WWTP PROJECT STAGES 2 & 3	CA0023060 R1-2001-0071	2/1/10	1/1/10	\$ -	\$ -	\$ -	\$ -	\$ 13,000,000	\$ 13,000,000	\$ -	\$ -	-	212
5020-110	2	EAST BAY MUNICIPAL UTILITY DISTRICT	RARE WATER PROJECT MF/RO UPGRADE	Not Available	7/14/11	1/1/10	\$ -	\$ -	\$ -	\$ -	\$ 35,226,616	\$ 35,226,616	\$ -	\$ -	-	212
5354-110	2	SAUSALITO, CITY OF	CITY OF SAUSALITO PRIORITY SEWER REPLACEMENT	Not Available	2/10/10	1/14/10	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -	-	212
4001-480	4	LOS ANGELES COUNTY SANITATION DISTRICT	JWPCP - DEWATERING FACILITY MODS	CA0053813 R4-2006-0042	4/15/10	1/15/10	\$ -	\$ -	\$ -	\$ -	\$ 3,116,074	\$ 3,116,074	\$ -	\$ -	-	212
4001-630	4	LOS ANGELES COUNTY SANITATION DISTRICT	JWPCP-POWER GENERATOR FACILITY STEAM CYCLE MODS PHASE I	CA0053813 R4-2006-0042	8/14/09	1/15/10	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000	\$ 8,500,000	\$ -	\$ -	-	212
4001-560	4	LOS ANGELES COUNTY SANITATION DISTRICT	JWPCP-SKIMMINGS ODOR CONTROL FACILITY	CA0053813 R4-2006-0042	10/20/05	1/15/10	\$ -	\$ -	\$ -	\$ -	\$ 37,000,000	\$ 37,000,000	\$ -	\$ -	-	212
5471-110	2	MARINA COAST WATER DISTRICT	REGIONAL URBAN WATER AUGMENTATION PROJECT	Not Available	3/1/10	1/30/10	\$ -	\$ -	\$ -	\$ -	\$ 29,064,000	\$ 29,064,000	\$ -	\$ -	-	212
4732-110	9	MOULTON NIGUEL WATER DISTRICT	RECYCLED WATER IMPROVEMENTS PROGRAM	Not Available	3/1/10	1/30/10	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ 4,500,000	\$ -	\$ -	-	212
5500-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	CONCORD RECYCLED WATER PROJECT	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 7,200,000	\$ 7,200,000	\$ -	\$ -	-	212
5499-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	DIABLO SEWER RENOVATIONS	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,410,000	\$ 1,410,000	\$ -	\$ -	-	212
5497-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	PLEASANT HILL SEWER RENOVATIONS	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,550,000	\$ 1,550,000	\$ -	\$ -	-	212
6461-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	PRIMARY STRUCTURES DEMOLITION PROJECT	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	-	212
5508-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	SOLIDS HANDLING IMPROVEMENT PROJECT	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ 4,500,000	\$ -	\$ -	-	212
5502-110	3	CENTRAL CONTRA COSTA SANITARY DISTRICT	WET WEATHER BYPASS IMPROVEMENTS	CA0037648	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,430,000	\$ 1,430,000	\$ -	\$ -	-	212
5985-110	4	BEVERLY HILLS, CITY OF	CITY OF BEVERLY HILLS SEWER REHABILITATION PROJECT	CAS004001	2/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ -	\$ -	-	212
5228-110	3	CITY OF MONTEREY	SEWER SYSTEM REHABILITATION	CA0048551	2/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 13,200,000	\$ 13,200,000	\$ -	\$ -	-	212

* Dates in **Bold** are Actual Dates

**Costs incurred between 10/1/2008 and 4/30/2009

*** G - Green Infrastructure

W - Water Efficiency

E - Energy Efficiency

O - Other

Table 3

State of California Clean Water State Revolving Fund Intended Use Plan Fundable Project List For SFY 2009/2010 and ARRA Grant

Proj. No.	RB	AGENCY	PROJECT NAME	NPDES PERMIT #/WDR	Estimated Construction Start Date	Estimated Agreement Date	Estimated Sources of Financing					Estimated Total Financing	Estimated Pre-ARRA Award Costs**	Estimated Green Value (ARRA Projects Only)	Green Project Type***	Project Type
							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
6110-110	9	CITY OF VISTA	BOBOLINK STORM DRAIN IMPROVEMENT PROJECT	CAS0108758	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 800,000	\$ -	\$ -	-	212
5698-110	9	CITY OF VISTA	GRAVITY MAIN REHABILITATION - PHASE 1	CA0107395	2/15/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000	\$ 2,400,000	\$ -	\$ -	-	212
7237-110	2	EAST PALO ALTO, CITY OF	SIPHON TO AIRPORT SEWER MAIN REPLACEMENT	CA0037834	3/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	-	212
5956-110	2	EAST PALO ALTO, CITY OF	SIPHON TO TREATMENT PLANT PROJECT	CA0037834	3/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 810,000	\$ 810,000	\$ -	\$ -	-	212
6236-110	7	MISSION SPRINGS WATER DISTRICT	AD-12 AREA M, F & D-1 SEPTIC ABATEMENT	R7-01-020	6/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 11,624,400	\$ 11,624,400	\$ -	\$ -	-	212
4250-310	7	MISSION SPRINGS WATER DISTRICT	AD-12 AREA M, F & D1 SEWER CONSTRUCTION	R7-01-020	6/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 12,506,000	\$ 12,506,000	\$ -	\$ -	-	212
5062-110	7	MISSION SPRINGS WATER DISTRICT	HORTON WASTEWATER PLANT EXPANSION & MSWD REGIONAL WASTEWATER PLANT	R7-01-020	6/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 19,210,750	\$ 19,210,750	\$ -	\$ -	-	212
5151-110	1	ROSS VALLEY SANITATION DISTRICT	KENTFIELD FORCE MAIN REPLACEMENT	Not Available	11/1/09	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 7,163,000	\$ 7,163,000	\$ -	\$ -	-	212
5617-110	3	SALINAS, CITY OF	INDUSTRIAL WASTE WATER CONVEYANCE SYSTEM IMPROVEMENTS	CA0048101	3/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ -	-	212
5611-110	6	SOUTH TAHOE PUBLIC UTILITY DISTRICT	DIAMOND VALLEY RANCH EMERGENCY RETENTION/IRRIGATION FIELD	Not Available	5/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,030,000	\$ 1,030,000	\$ -	\$ -	-	212
5606-110	6	SOUTH TAHOE PUBLIC UTILITY DISTRICT	ERB POND LINER REPLACEMENT	Not Available	5/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	-	212
7445-110	6	SOUTH TAHOE PUBLIC UTILITY DISTRICT	LUTHER PASS PUMP STATION	Not Available	5/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,262,100	\$ 2,262,100	\$ -	\$ -	-	212
5608-110	6	SOUTH TAHOE PUBLIC UTILITY DISTRICT	RECYCLED EFFLUENT PIPELINE REROUTE	Not Available	5/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	-	212
5478-110	6	SOUTH TAHOE PUBLIC UTILITY DISTRICT	WASTEWATER PLANT HEADWORKS REPLACEMENT	Not Available	5/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 13,000,000	\$ 13,000,000	\$ -	\$ -	-	212
4930-110	1	TULELAKE, CITY OF	WWTP UPGRADES, II CORRECTION AND LAND DISPOSAL FACILITY	CA0023272 R1-2004-0075	9/1/10	2/1/10	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ 4,500,000	\$ -	\$ -	-	212
5513-110	5	SACRAMENTO, CITY OF	CITY- WIDE SEWER REHABILITATION PROJECT	Not Available	3/17/10	2/9/10	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ 2,200,000	\$ -	\$ -	-	212
5550-110	5	SACRAMENTO, CITY OF	SEWER PIPE REPLACEMENT - 5TH ST. BETWEEN P & U ST.	Not Available	3/17/10	2/9/10	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000	\$ 2,400,000	\$ -	\$ -	-	212
5221110	2	UNION SANITARY DISTRICT	SUBSTATION NO.1 REPLACEMENT PROJECT	CA0037869	3/15/10	2/10/10	\$ -	\$ -	\$ -	\$ -	\$ 4,320,000	\$ 4,320,000	\$ -	\$ -	-	212
4971-230	5	REDDING, CITY OF	CLEAR CREEK WWTP EXPANSION & UPGRADE BID PACKAGE 4	CA0079731 R5-2003-0130	8/4/08	2/11/10	\$ -	\$ -	\$ -	\$ -	\$ 6,389,000	\$ 6,389,000	\$ -	\$ -	-	212
5136-110	5	SHAFTER, CITY OF	NORTH SHAFTER WASTEWATER PROJECT	Not Applicable	7/15/10	2/28/10	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -	-	212
6113-110	1	BIOENGINEERING INSTITUTE	LOWER RUSSIAN RIVER BANK STABILIZATION PROJECT	Not Available	10/1/09	3/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ -	\$ -	-	319
5700-110	9	CITY OF VISTA	AGE RELATED PIPELINE REHABILITATION	CA0107395	3/15/10	3/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,950,000	\$ 1,950,000	\$ -	\$ -	-	212
5701-110	9	CITY OF VISTA	CONDITION RELATED PIPELINE REHABILITATION	CA0107395	3/15/10	3/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,450,000	\$ 1,450,000	\$ -	\$ -	-	212
5973-110	5	SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT	PHASE II EXPANSION: RECYCLED WATER PROJECT	WDR 97-146	3/1/10	3/1/10	\$ -	\$ -	\$ -	\$ -	\$ 17,760,000	\$ 17,760,000	\$ -	\$ -	-	212
4001-640	4	LOS ANGELES COUNTY SANITATION DISTRICT	JWPCP-POWER GENERATOR FACILITY STEAM CYCLE MODS PHASE II	CA0053813 R4-2006-0042	1/15/10	3/17/10	\$ -	\$ -	\$ -	\$ -	\$ 20,000,000	\$ 20,000,000	\$ -	\$ -	-	212
4829-120	3	Lompoc, City of	Digester Replacement	CA0048127	6/30/10	3/30/10	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000	\$ -	\$ -	-	212
5709-110	9	BUENA SANITATION DISTRICT	GRAVITY MAIN REHABILITATION - PHASE 1	CA0107395	4/15/10	4/1/10	\$ -	\$ -	\$ -	\$ -	\$ 560,000	\$ 560,000	\$ -	\$ -	-	212
5708-110	9	BUENA SANITATION DISTRICT	UPSIZING MINIMUM REPLACEMENT PROJECT	CA0107395	4/15/10	4/1/10	\$ -	\$ -	\$ -	\$ -	\$ 245,000	\$ 245,000	\$ -	\$ -	-	212
4998-110	2	NORTH COAST CWD	CALERA CREEK WATER RECYCLING DISTRIBUTION SYSTEM	Not Available	5/15/10	4/1/10	\$ -	\$ -	\$ -	\$ -	\$ 4,100,000	\$ 4,100,000	\$ -	\$ -	-	212
5310-110	8	SEAL BEACH, CITY OF	AGE RELATED PIPELINE REHABILITATION	CAG998001	4/15/10	4/1/10	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ -	-	212
7234-110	2	BURLINGAME, CITY OF	CITY WIDE SEWER REHABILITATION PROJECT	CA0037788	5/10/10	4/8/10	\$ -	\$ -	\$ -	\$ -	\$ 2,690,000	\$ 2,690,000	\$ -	\$ -	-	212
4188-110	8	YUCAIPA VALLEY WATER DISTRICT	NON-POTABLE WATER INFRASTRUCTURE PROJECT	CA0105619	9/30/09	4/16/10	\$ -	\$ -	\$ -	\$ -	\$ 5,030,450	\$ 5,030,450	\$ -	\$ -	-	212
5263-110	5	FRESNO METROPOLITAN FLOOD CONTROL DISTRICT	STORMWATER TREATMENT BASIN CJ	Not Available	5/1/2010	4/30/10	\$ -	\$ -	\$ -	\$ -	\$ 1,064,800	\$ 1,064,800	\$ -	\$ -	-	319
5711-110	9	BUENA SANITATION DISTRICT	AGE RELATED PIPELINE REHABILITATION	CA0107395	5/15/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000	\$ 1,400,000	\$ -	\$ -	-	212
5712-110	9	BUENA SANITATION DISTRICT	AGE RELATED PIPELINE REHABILITATION	CA0107395	5/15/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 735,000	\$ 735,000	\$ -	\$ -	-	212

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 **Costs incurred between 10/1/2008 and 4/30/2009
 *** G - Green Infrastructure
 W - Water Efficiency
 E - Energy Efficiency
 O - Other

Table 3

State of California Clean Water State Revolving Fund Intended Use Plan Fundable Project List For SFY 2009/2010 and ARRA Grant

Proj. No.	RB	AGENCY	PROJECT NAME	NPDES PERMIT #/WDR	Estimated Construction Start Date	Estimated Agreement Date	Estimated Sources of Financing					Estimated Total Financing	Estimated Pre-ARRA Award Costs**	Estimated Green Value (ARRA Projects Only)	Green Project Type***	Project Type
							ARRA Funds (Grant Financing)	ARRA Funds (Loan Financing)	Federal Year 2009 Capitalization Funds (Loan Financing)	Federal Year 2010 Capitalization Funds (Loan Financing)	Other CWSRF Funds (Loan Financing)					
5821-110	9	CITY OF VISTA	VISTA-CARLSBAD INTERCEPTOR	CA0107395	5/15/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 4,100,000	\$ 4,100,000	\$ -	\$ -	-	212
5696-110	9	CITY OF VISTA	WEST VISTA WAY SEWER PROJECT	CA0107395	5/15/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,900,000	\$ 1,900,000	\$ -	\$ -	-	212
6374-110	3	PISMO BEACH, CITY OF	STORM WATER TREATMENT PROJECT	CA000004	6/1/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	-	212
5357-110	5	SACRAMENTO CO. WATER AGENCY	PHASE 2 RECYCLED WATER PROJECT	Not Available	6/15/10	5/1/10	\$ -	\$ -	\$ -	\$ -	\$ 18,000,000	\$ 18,000,000	\$ -	\$ -	-	212
5115-130	4	UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT	SAN GABRIEL VALLEY WATER RECYCLING PROJECT PHASE IIB	Not Available	2/20/11	5/6/10	\$ -	\$ -	\$ -	\$ -	\$ 4,460,000	\$ 4,460,000	\$ -	\$ -	-	212
7058-110	3	CITY OF PISMO BEACH	RECYCLED WATER PROJECT	CA0048151	6/15/10	5/12/10	\$ -	\$ -	\$ -	\$ -	\$ 9,143,559	\$ 9,143,559	\$ -	\$ -	-	212
4841-110	5	VACAVILLE, CITY OF	EASTERLY WWTP SEASONAL FILTRATION IMPROVEMENTS	CA0077691	7/22/10	5/12/10	\$ -	\$ -	\$ -	\$ -	\$ 145,000,000	\$ 145,000,000	\$ -	\$ -	-	212
5715-110	9	BUENA SANITATION DISTRICT	AGE RELATED PIPELINE REHABILITATION	CA0107395	6/15/10	6/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	-	212
5701-110	9	BUENA SANITATION DISTRICT	CONDITION RELATED PIPELINE REHABILITATION - PH 2	CA0107395	6/15/10	6/1/10	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	\$ -	\$ -	-	212
5705-110	9	CITY OF VISTA	AGE RELATED PIPELINE REHABILITATION - PH 2	CA0107395	6/15/10	6/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000	\$ -	\$ -	-	212
5707-110	9	CITY OF VISTA	CONDITION RELATED PIPELINE REHABILITATION - PH 3	CA0107395	6/15/10	6/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000	\$ 2,100,000	\$ -	\$ -	-	212
5704-110	9	CITY OF VISTA	GRAVITY MAIN REHABILITATION - PH 2	CA0107395	6/15/10	6/1/10	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000	\$ -	\$ -	-	212
5744-120	5	DINUBA, CITY OF	TREATMENT PLANT IMPROVEMENTS - PHASE II	95-200	7/6/10	6/4/10	\$ -	\$ -	\$ -	\$ -	\$ 7,570,257	\$ 7,570,257	\$ -	\$ -	-	212
5115-140	4	UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT	SAN GABRIEL VALLEY WATER RECYCLING PROJECT PHASE IIB	Not Available	3/20/11	6/5/10	\$ -	\$ -	\$ -	\$ -	\$ 4,280,000	\$ 4,280,000	\$ -	\$ -	-	212
5233-120	3	South County Regional Wastewater Authority	Pipeline, Pump Station, and Outfall Structure	CA0049964	6/30/10	6/15/10	\$ -	\$ -	\$ -	\$ -	\$ 6,680,000	\$ 6,680,000	\$ -	\$ -	-	212
5200-110	1	PACIFIC FOREST TRUST	GUALALA RIVER SOUTH FORK FOREST CONSERVATION AND RESTORATION	Not Available	8/1/2010	6/29/10	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000	\$ -	\$ -	-	319
7309-110	4	CITY OF GLENDORA	GLENDORA SEWER RECLAMATION RECHARGE	Not Available	7/20/10	6/30/10	\$ -	\$ -	\$ -	\$ -	\$ 5,382,500	\$ 5,382,500	\$ -	\$ -	-	212
5233-130	3	South County Regional Wastewater Authority	UV Disinfection System	CA0049964	6/30/10	6/30/10	\$ -	\$ -	\$ -	\$ -	\$ 4,430,000	\$ 4,430,000	\$ -	\$ -	-	212

\$174,846,249.00	\$ 75,305,161.00	\$ 57,040,052.00	\$184,175,753.00	\$ 1,686,606,561.00	\$1,994,991,471.00	\$ 8,497,464.00	\$108,528,955.93
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 **Costs incurred between 10/1/2008 and 4/30/2009
 *** G - Green Infrastructure
 W - Water Efficiency
 E - Energy Efficiency
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**Table 4 Clean Water State Revolving Fund Draw Schedule For 2010
Capitalization Grant**

FFY 2010 APPROPRIATION

SFY		1 st Quarter (Starts July1)	2 nd Quarter (Starts October 1)	3 rd Quarter (Starts January 1)	4 th Quarter (Starts April 1)
2010-11	Draw		\$81,600,000	\$81,600,000	
	Cumulative		\$81,600,000	\$163,200,000	

DATE OF ANALYSIS: July 31, 2009

VII. LIST OF ATTACHMENTS

Attachment 1 2009 PUBLIC REGIONAL BOARD WORKSHOPS

Summary

The Division of Financial Assistance (DFA) conducted workshops at each Regional Water Board office during February, March, and April 2009. The workshops increased awareness of the CWSRF program and solicited potential applicants. Each workshop included two sessions. The morning session of the workshops provided information about the CWSRF Program to the public through an informational presentation. The afternoon session was a question and answer period with the Regional Water Board staff to obtain feedback on how the CWSRF Program should address and assign Regional Water Board priorities.

Most of the feedback from the attendees concerned their reluctance to apply for CWSRF Program financing because of the long application process and inaccurate information about project eligibility. CWSRF Program staff clarified program information and provided guidance to applicants on the initial application process. This clarification was important to successfully implementing the American Recovery and Reinvestment Act (ARRA). ARRA attracted many new applicants and interested parties unfamiliar with the CWSRF Program. In addition, CWSRF Program administrative and technical staff were available at these workshops to assist attendees with specific project questions.

The Regional Water Board sessions were equally important in providing the CWSRF Program staff with input on how to address regional water quality issues through CWSRF Program financing. Because the Regional Water Board staff have rapport with community groups, they are able to provide CWSRF staff with specific information who needs financial assistance. These sessions also allowed CWSRF staff to educate the Regional Water Board staff about the program so they can inform potential applicants. To increase communication among staff, it was important to conduct the Regional Water Board workshop at each location.

Regional Water Board Suggestions Made at the CWSRF Outreach Workshops:

- Individually contact municipalities identified by Regional Water Board staff as needed to complete compliance projects and inform potential applicants of the CWSRF program.
- Assist small disadvantaged communities with the full CWSRF Program application process.
- Request to be on community group meeting agendas to reach out to stakeholders.
- In regions with many small communities, make contact with county staff and local councils of government.
- Conduct presentations at Regional Water Board meetings.
- Customize training to address water quality issues in the region.
- Conduct CWSRF Program training for Regional Water Board staff and provide informational material to give to dischargers during site visits

- Send program updates/announcements to Regional Water Board staff
- Use California Integrated Water Quality System (CIWQS) to notify dischargers of the CWSRF Program.
- Provide training to Regional Water Board staff on expanded use projects.
- Coordinate with roundtable groups at meetings or conference calls.

Water Quality Priorities Identified by Regional Water Board Staff Are:

- Salt management
- Wastewater infrastructure
- Failing collection systems
- Stormwater infrastructure
- Watershed restoration
- Groundwater protection in the High Desert
- Recycled water
- Lack of municipal groundwater in the Imperial Valley
- Metals, pesticides, and erosion in the Sacramento River
- Sediment impacts
- Wildfires
- Low flow of rivers due to diversions
- Perchlorate contamination of groundwater drinking sources
- Selenium in groundwater going into Newport Bay
- Hydromodification management
- Rural roads
- Endangered species
- Irrigated agriculture and diaries
- Riparian elements – protecting and managing the land
- Maintaining high water quality
- Invasive species
- Fuels management
- Forestry protection
- Reducing erosion to surface water
- Flood control needs – stream channels, habitat values, groundwater recharge
- Beach closures from runoff/spills or septic systems
- Contaminated urban runoff
- Discharges from irrigated agriculture
- Wetland protection

Attachment 2 CWSRF Project Descriptions and Examples for Green Project Reserve (GPR)

The American Recovery and Reinvestment Act of 2009 (ARRA) requires that at least 20 percent of each State's Capitalization Grant be used to fund projects referred to as the Green Project Reserve. The following is a set of examples for projects EPA believes would be eligible. It should be noted that all project eligibility requirements otherwise applicable to the CWSRF program apply to the GPR.

Under the GPR in the CWSRF both entire projects may be considered for inclusion or appropriate identifiable components of larger projects may be considered for inclusion. Whatever projects or project components are included, such projects or project components must clearly advance the objectives articulated in the specific categories discussed below.

Business Case Requirements for Counting Costs toward the 20 percent Reserve

There are some types of projects that clearly will qualify towards the 20 percent Green Project Reserve, being entirely and explicitly framed as a green infrastructure or a water or energy efficiency project. However, some types of traditional projects may also have benefits that may in some cases be counted towards the 20 percent Green Project requirement. For such traditional projects (or portion of a project) to be counted towards the 20 percent requirement, the State's project files must contain documentation that the clear business case for the project (or portion) investment includes achievement of identifiable and substantial benefits that qualify as Green Project benefits.

The required documentation could be a simple memo but must indicate the basis on which this project was judged to qualify to be counted toward the 20 percent requirement. Such a memo would typically include direct reference to a preliminary engineering or other planning document that makes clear that the basis upon which the project (or portion) was undertaken included identifiable and substantial benefits qualifying for the Green Project Reserve.

Water Efficiency

- I. Water efficiency is the use of improved technologies and practices to deliver equal or better services with less water.
- II. Projects eligible for assistance include assistance
 - a. to any municipality, intermunicipal, interstate, or State agency for construction of POTW defined in section 212 of the Clean Water Act
 - i. Planning and design activities for water efficiency that are reasonably expected to result in a capital project are eligible; to the extent practicable, such projects should be coordinated with drinking water systems and projects.
 - ii. Building activities that implement capital water efficiency projects are eligible.
 - b. to public or privately owned projects that implement State Nonpoint Source Management Plans established under section 319 of the Clean Water Act
 - i. Planning and design activities for water efficiency that are reasonably expected to result in a capital project are eligible.

- ii. Building activities that implement capital water efficiency projects are eligible.
 - c. to public or privately owned projects that develop or implement a Comprehensive Conservation Management Plan established under section 320 of the Clean Water Act.
 - i. Planning and design activities for water efficiency that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital water efficiency projects are eligible.
- III. Water efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.
- IV. Drinking Water Utilities may apply to the Clean Water State Revolving Fund.
- V. Examples of projects include
 - a. Installation of water meters
 - b. Retrofit or replacement of water using fixtures, fittings, equipment or appliances
 - c. Efficient landscape or irrigation equipment
 - d. Systems to recycle gray water
 - e. Reclamation, recycling, and reuse of existing rainwater, condensate, degraded water, storm water, and/or wastewater streams.
 - f. Collection system leak detection equipment

Energy Efficiency

- I. Energy efficiency is the use of improved technologies and practices to reduce the energy consumption of water quality projects, including projects to reduce energy consumption or produce clean energy used by a treatment works defined in Sec. 212.
 - a. Web link to EPA's clean energy site <http://www.epa.gov/cleanenergy/>
 - b. Clean energy includes wind, solar, geothermal, hydroelectric, and biogas combined heat and power systems.
- II. Projects eligible for assistance include assistance
 - a. to any municipality, intermunicipal, interstate, or State agency for construction of POTW defined in section 212 of the Clean Water Act
 - i. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital energy efficiency projects are eligible.
 - b. to public or privately owned projects that implement State Nonpoint Source Management Plans established under section 319 of the Clean Water Act
 - i. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital energy efficiency projects are eligible.
 - c. to public or privately owned projects that develop or implement a Comprehensive Conservation Management Plan established under section 320 of the Clean Water Act.
 - i. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.

- ii. Building activities that implement capital energy efficiency projects are eligible.
- III. Energy efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.
- IV. Examples of projects include
 - a. Energy efficient retrofits and upgrades to pumps and treatment processes
 - b. Leak detection equipment for treatment works
 - c. Producing clean power for 212 treatment works on site (wind, solar, hydroelectric, geothermal, biogas powered combined heat and power)¹

Green Infrastructure

- I. Definition: Green Infrastructure includes a wide array of practices at multiple scales that manage and treat storm water and that maintain and restore natural hydrology by infiltrating, evapotranspiring and capturing and using storm water. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale green infrastructure consists of site- and neighborhood-specific practices, such as bio-retention, trees, green roofs, porous pavements and cisterns.
- II. Projects eligible for assistance include assistance
 - a. to any municipality, inter-municipal, interstate, or State agency for construction of POTW defined in section 212 of the Clean Water Act
 - i. Planning and design activities for green infrastructure that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital green infrastructure projects are eligible.
 - b. to public or privately owned projects that implement State Nonpoint Source Management Plans established under section 319 of the Clean Water Act
 - i. Planning and design activities for green infrastructure that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital green infrastructure projects are eligible.
 - c. to public or privately owned projects that develop or implement a Comprehensive Conservation Management Plan established under section 320 of the Clean Water Act.
 - i. Planning and design activities for green infrastructure that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital green infrastructure projects are eligible.

¹ Project file should include a calculation of the energy efficiency of the project.

- III. If a project is specifically required by a draft or final NPDES permit, then it can only be funded through Sec. 212 or Sec. 320 authority
- IV. Green infrastructure projects can be stand alone projects. They do not need to be part of a larger capital improvement project.
- V. Examples of projects include
 - a. Implementation of green streets (combinations of green infrastructure practices in transportation rights-of-ways), for either new development, redevelopment or retrofits
 - b. Implementation of water harvesting and reuse programs or projects, where consistent with state and local laws and policies.
 - c. Implementation of wet weather management systems for parking areas which include: the incremental cost of porous pavement, bio-retention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness at one or more scales, including constructed wetlands.
 - d. Hydromodification to establish or restore riparian buffers, floodplains, wetlands and other natural features.
 - e. Downspout disconnection to remove storm water from combined sewers and storm sewers.
 - f. Comprehensive retrofit programs designed to keep wet weather out of all types of sewer systems using green infrastructure technologies and approaches.
 - g. Implementation of comprehensive street tree or urban forestry programs, including expansion of tree box sizes to manage additional storm water and enhance tree health.

Environmentally Innovative Projects

- I. Projects that demonstrate new and/or innovative approaches to managing water resources in a more sustainable way, including projects that achieve pollution prevention or pollutant removal with reduced costs and projects that foster adaptation of water protection programs and practices to climate change.
- II. Projects eligible for assistance include assistance
 - a. to any municipality, inter-municipal, interstate, or State agency for construction of POTW defined in section 212 of the Clean Water Act
 - i. Planning and design activities for environmentally innovative projects that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital environmentally innovative projects are eligible.
 - b. to public or privately owned projects that implement State Nonpoint Source Management Plans established under section 319 of the Clean Water Act
 - i. Planning and design activities for environmentally innovative projects that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital environmentally innovative projects are eligible.
 - c. to public or privately owned projects that develop or implement a Comprehensive Conservation Management Plan established under section 320 of the Clean Water Act.
 - i. Planning and design activities for environmentally innovative projects that are reasonably expected to result in a capital project are eligible.

- ii. Building activities that implement capital environmentally innovative projects are eligible.
- III. Examples of projects include
- a. Green Infrastructure/Low Impact development storm water projects
 - b. Wetland restoration and constructed wetlands
 - c. Decentralized wastewater treatment solutions to existing deficient or failing on site systems.
 - d. Water reuse projects that reduce energy consumption, recharge aquifers or reduce water withdrawals and treatment costs
 - e. The water quality portion of projects that employ development and redevelopment practices that preserve or restore site hydrologic processes through sustainable landscaping and site design.
 - f. Projects that use water balance approaches (water budgets) at the project, local or state level that preserve site, local or regional hydrology. Such an effort could show-case efforts to plan and manage in a concerted manner, surface and groundwater withdrawals, stream flow (aquatic species protection), wetland and floodplain storage, groundwater recharge and regional or local reuse and harvesting strategies using a quantified methodology.
 - g. Projects that facilitate adaptation of clean water programs and practices to climate change.
 - h. The water quality portion of projects that demonstrate the energy savings and greenhouse reduction benefits of sustainable site design practices and the use of green storm water infrastructure.
 - i. Projects that incorporate differential uses of water based on the level of treatment to reduce the costs of treating all water to potable water standards.
 - j. Projects that identify and quantify the benefits of using integrated water resources management approaches.