



***Tuolumne-Stanislaus
Integrated Regional Water Management (IRWM)
Watershed Advisory Committee***

January 18, 2018

PRESENTATION TOPICS

- Wastewater
 - Clean Water State Revolving Fund
 - Small Community Wastewater
 - Water Recycling Funding Program
- Drinking Water
 - Drinking Water State Revolving Fund
 - Drinking Water for Public Schools Grant Program
 - Cleanup and Abatement Interim Emergency Drinking Water
- Groundwater Quality Funding
 - Proposition 1 Groundwater Sustainability
 - Senate Bill 445 Site Cleanup Subaccount Program
- Stormwater Grant Program
- Orphan Site Cleanup Fund
- Nonpoint Source Control Program Grants & Funding



CLEAN WATER STATE REVOLVING FUND (CWSRF) PROGRAM

- Low interest financing for water quality projects
- Fund an average of close to \$500 million/year
- Applications accepted on a continuous basis
- Funding for:
 - Wastewater and Water Recycling Projects
 - Wastewater treatment
 - Local sewers
 - Sewer interceptors
 - Water reclamation facilities
 - Expanded Use Projects
 - Nonpoint source (NPS) projects identified in CA's NPS Plan
 - Estuary projects
 - Stormwater reduction and treatment facilities, etc.

CWSRF PROGRAM: FINANCING TERMS

- Interest Rate: $\frac{1}{2}$ most recent General Obligation Bond Sale at time of funding commitment (typical range: 2 - 3%)
- Financing Term: Up to 30 years or the useful life of the project
- Repayment: Annual payments begin 1 year after completion of construction
- Principal Forgiveness (PF) available to municipalities, for Green Project Reserve (GPR) eligible projects, as follows:
 - Water/energy audits: 100% up to \$35,000
 - Other eligible projects (such as water or energy reducing devices, water meters): 50% up to \$4,000,000 (\$2,500,000 for water reuse projects)

CWSRF PROGRAM: CONTACT

Mr. Robert Pontureri, Senior Engineer

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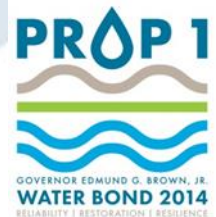
Phone: (916) 341-5828

Website:

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

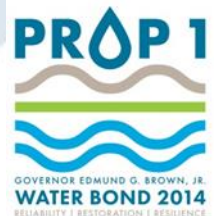
SMALL COMMUNITY WASTEWATER: SCG Fund/Proposition 1

- Wastewater Grant Funds Available:
 - Annual Small Community Grant (SCG) Appropriation: \$8 million
 - Proposition 1: \$260 million
- Eligible Applicants:
 - Public Agencies, 501(c)(3) non profit organizations, federally recognized tribes and state tribes
 - Grants for small disadvantaged communities
 - Population less than 20,000
 - Median Household Income (MHI) less than 80%
 - Statewide MHI (\$61,818)



SMALL COMMUNITY WASTEWATER: SCG Fund/Proposition 1

- Planning Grant Amounts:
 - 100% grant not to exceed \$500,000
 - Examples of eligible costs under planning are
 - Engineering Reports/Feasibility Studies
 - Public Outreach
 - Environmental Documents
 - Design
 - Rate Studies/Prop 218 Notice
 - Legal Costs
 - Income Surveys
 - Sewer System Evaluations
 - Assessments



SMALL COMMUNITY WASTEWATER: SCG Fund/Proposition 1

- Construction Grant Amounts:
 - Following is per SFY 2017/18 CWSRF Intended Use Plan (may be updated upon adoption of SFY 2018/19 CWSRF IUP, anticipated Summer 2018)

TABLE 4.b: SCG Construction Grant

Eligible Applicants:	Public agencies, 501(c)(3) non-profit organizations, federally recognized tribes and state tribes on Native American Commission consult list				
Eligible Project Type	CWSRF-eligible wastewater projects ⁴¹				
Affordability Criteria			Grant Amount		
Population ⁴²	Community MHI	Wastewater Rates as a Percentage of MHI ⁴³	Percentage of Total Eligible Project Cost	Maximum Grant Amount Per Project ^{44,45,46}	Maximum Cost Per Household / Project
< 20,000	MHI ≤ 100% Statewide MHI	≥4%	50%	\$6 million	\$30,000
	DAC <80% of Statewide MHI	≥1.5%	75% ⁴⁷		
	SDAC <60% of Statewide MHI	NA	100%		

SMALL COMMUNITY WASTEWATER: SCG Fund/Proposition 1

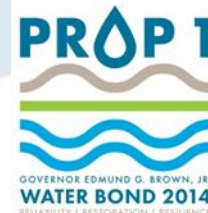
- Construction Grant Amounts (cont.):

TABLE 4.c: SCG Construction Grant for Septic to Sewer and Regional Projects

Eligible Applicants:	Public agencies, 501(c)(3) non-profit organizations, federally recognized tribes and state tribes on Native American Commission consult list				
Eligible Project Type	CWSRF-eligible wastewater projects ⁴¹				
Affordability Criteria			Grant Amount		
Population ⁴²	Community MHI	Wastewater Rates as a Percentage of MHI ⁴³	Percentage of Total Eligible Project Cost	Maximum Grant Amount Per Project ^{44,45,46}	Maximum Cost Per Household / Project
< 20,000	MHI ≤ 100% Statewide MHI	≥4%	50%	\$8 million	\$60,000
	DAC <80% of Statewide MHI	≥1.5%	75% ⁴⁷		
	SDAC <60% of Statewide MHI	NA	100%		

SMALL COMMUNITY WASTEWATER: SCG Fund/Proposition 1

- How to apply
 - Follow the CWSRF application process
 - Applications accepted continuously
 - Funds committed to projects as applications are completed
 - Grants can be combined with CWSRF financing
 - Typical term is 30 years
 - Standard interest rate is $\frac{1}{2}$ most recent General Obligation Bond Sale (typically 2-3%)
 - Some projects may be eligible for reduced interest rates



SMALL COMMUNITY WASTEWATER: PROGRAM CONTACT

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WATER RECYCLING FUNDING PROGRAM (WRFP)

- To promote use of treated municipal wastewater to augment or offset state/local fresh water supplies:
 - Recycled water treatment
 - Recycled water storage, distribution, and pumping
 - Groundwater recharge
 - Indirect Potable Reuse
- Eligible applicants include publicly-owned facilities, and privately-owned water utilities regulated by the Public Utilities Commission

WRFP

- Low interest loans (Proposition 1 and CWSRF)
 - Term of 20-30 years
 - Standard interest rate is half the most recent General Obligation Bond Sale (typically 2 - 3%)
- Grants (Proposition 1 and 13)
 - Prop. 1 provided \$625 million available for grants and loans

	% Grant Of Eligible Costs	Funding Maximum
Planning	50%	\$75,000
Construction	35%	\$15 million

- Almost all Prop. 1 funding will be encumbered in the near future and future funding is limited

WRFP PROGRAM CONTACT

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programs/grants_loans/water_recycling/](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/)

Drinking Water State Revolving Fund (DWSRF)

- Low interest loan program with limited principal forgiveness funds
 - Current Interest Rate is 1.7%
- Two types of funding:
 - Planning
 - Construction
- No pre-application or invitation process

DWSRF

- Eligible Project Types:

- Projects that return public water systems to compliance with drinking water standards
- Consolidation
- Water meters
- Treatment projects
- Replacement of aged water transmission or distribution mains, groundwater wells, or other infrastructure

- Eligible Applicants:

- Community water systems
- Non-profit, non-community water systems

DWSRF

- **Planning Funding**

- 5 year loan term (can rollover into construction funding)
- Financing based on water system's ability to repay

- **Construction Funding**

- Standard loan term is 20 years, 30 year term may be offered based on funding availability
- No funding cap
- Planning costs eligible for reimbursement if not paid through a DWSRF Planning Project

Assistance for Water Systems Serving Disadvantaged Communities

- Financial Assistance

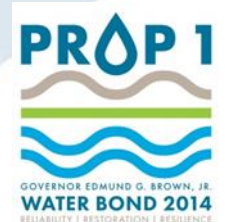
- Disadvantaged Community (MHI < 80% statewide MHI) can receive up to 100% principal forgiveness
- In addition, 0% interest financing at a 30 year term are available

- Technical Assistance

- 3rd party contractors can help fill out DWSRF application forms, or assist with Technical, Managerial, and Financial (TMF) capacity development

DWSRF and Proposition 1

- Prop 1 - \$260 million available for drinking water
- Per SFY 2017/18 DWSRF Intended Use Plan*
 - Construction Grants or Principal Forgiveness (PF):
 - Max of \$5 million
 - Small DAC ($\leq 10,000$ ppl or 3300 connections; $MHI \leq \$49,454$) may be eligible for 100% grant or PF upon qualification
 - Small Severely DAC ($MHI \leq \$37,091$) may be eligible for up to 100% grant or PF, regardless of water rates
 - Expanded small severely DAC water systems ($\leq 20,000$ ppl or 6,600 connections; $MHI \leq \$37,091$) may be eligible for up to 50% grant or PF upon qualification
 - Planning Grants:
 - 100% eligible project costs (Max of \$500,000)



Consolidation Incentive

- Available to Public Water Systems who consolidate a Small Disadvantaged Community
 - Consolidation project will receive terms based on Small DAC's eligibility
 - In addition, the remaining Public Water System can receive up to \$10 million in 0% interest financing

DWSRF PROGRAM CONTACTS

Small DAC Contacts:

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Other Contacts:

Mr. Brian Kinney, Sr. Engineer

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drinking_water/services/funding/SRF.shtml](http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml)

Drinking Water for Schools Grant Program

- **Senate Bill 828**
 - \$9.5 million in grants to improve access and quality of drinking water in public schools.
 - Impaired Water Quality
 - Impaired Access
- **Program Guidelines**
 - Adopted by State Water Board on May 16, 2017
- **Encumbrance and Expenditures**
 - Funding encumbered by June 30, 2019
 - Awarded grant funds expended by March 31, 2021
 - Funding appropriation ends on June 30, 2021

Drinking Water for Schools Grant Program

- Funding Prioritization
 - Small disadvantaged communities (small DACs)
 - \$4.75 million or greater (priority is small DACs)
 - No limit on application timeframe
 - \$500,000 available for technical assistance
 - DACs (not small)
 - Up to \$4.75 million
 - Qualified to apply 9 months after opening of solicitation
 - Technical assistance funds not available

Drinking Water for Schools Grant Program

- Eligible Applicants
 - Local Educational Entities (LEAs)
 - School Districts (K-12)
 - County Offices of Education
 - Preschools and Child Day Care Facilities
 - Located on public school property
 - Additional Eligibility Requirements:
 - Eligible Entities must demonstrate a lack of access to safe drinking water (water quality or impaired access)

NOTE: all projects must benefit students from a DAC



Drinking Water for Schools Grant Program

- Eligible Projects:
 - Installation or replacement of:
 - Water Bottle Filling Stations
 - Drinking Fountains
 - Point-of-entry or point-of-use treatment devices (includes up to 3 years of replacement filters, maintenance, monitoring)
 - Lead contamination corrective measures
 - Sampling
 - Replacement or repair drinking water fixtures
 - Alternative water supplies if permanent solution is being implemented

Drinking Water for Schools Grant Program

- Ineligible Projects:
 - Major repairs or replacement of internal building plumbing systems
 - Replacement, repairs, or rehabilitation of wells
 - Establishing connection(s) to an adjacent public water system
 - Projects that are solely demonstration or pilot studies
 - Projects that are solely education and outreach

Drinking Water for Schools Grant Program

- Grant Amounts

	GRANT AMOUNT	
	Minimum	Maximum
Single School	\$25,000	\$100,000
Eligible Entities	\$25,000	\$1,000,000

- How to Apply?

- Grants Awarded on a continuous basis and can be submitted via Financial Assistance Application Submittal Tool (FAAST)

Drinking Water for Schools Grant Program Contact

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https://www.waterboards.ca.gov/water_issues/programs/grants_loans/schools/

CLEANUP & ABATEMENT ACCOUNT (CAA) Interim Emergency Drinking Water Program

- \$19 million in grant funding was approved from CAA for interim emergency drinking water
 - \$4 million - contaminated water supply
 - \$15 million - drought-related drinking water emergencies or threatened emergencies
 - Encumber funding (into agreements) by June 2017
- Max. limit is \$500,000 per project
- Funding has to be spent by June 2019

CAA - Interim Emergency Drinking Water

- Eligible Entities

- Public Agencies
- *Not-for-Profit Organizations*
- *Tribal Governments*
- *Community Water Systems*

*servicing
a DAC*



- Eligible Project Examples

- Bottled, Hauled Water
- Well Repair/Rehabilitation, Well Replacement
- Emergency Interties, Consolidation
- Vending Machines
- Treatment Systems



CAA - Interim Emergency Drinking Water

- Household & Small Water System Drought Assistance Program
 - \$5 million authorized by SWRCB to assist small water systems for water emergencies
 - Eligible recipients are individual Homeowners and Small Water Systems (less than 15 connections)
 - Eligible projects: new well construction, design costs for infrastructure, permit and connection fees, well rehab/ repair, pipelines, etc.
 - Funding administered by 3 non-profit organizations:
 - Self-Help Enterprises (www.selfhelpenterprises.org)
 - Rural Community Assistance Corporation (www.rcac.org)
 - California Rural Water Association (www.calruralwater.org)

CAA - Interim Emergency Drinking Water Program Contact

General Information Line: (916) 319-9066

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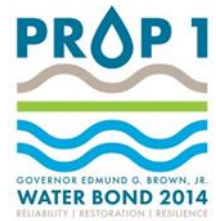
Ms. Kim Hanagan, Senior Engineer

Email: Kim.Hanagan@waterboards.ca.gov

Phone: (916) 323-0624

Website: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/

Proposition 1 Groundwater Grant Program (GWGP)



- Funding Available
 - \$800 million to prevent or clean-up contamination of groundwater that serves or has served as drinking water source
 - \$80 million for treatment and remediation of groundwater that serves as a source of drinking water
 - \$160 million for DACs (at least \$80 million to Severely DACs)
 - Minimum local cost share (“match funds”) of 50%
 - Reduced match requirements for DACs or economically distressed areas (EDAs)

Proposition 1 GWGP

- **Eligible Applicants** - Public agencies, non-profit organizations, public utilities, tribes, and mutual water companies
- **Eligible Projects**
 - Prevent or clean up contamination of groundwater that serves or has served as a source of drinking water including, but not limited to:
 - Wellhead treatment
 - Installation of extraction wells combined with treatment systems
 - Centralized groundwater treatment systems
 - Groundwater recharge to prevent/reduce contamination of wells
 - Groundwater injection to prevent seawater intrusion
 - Project must be high priority per applicable regulatory agencies
 - Can only fund costs not already required of a responsible party

Proposition 1 GWGP

- Timeline (First Round)
 - Pre-application Closed: July 29, 2016
- Preliminary Awards: 2017
 - Number of Projects: 13
 - Recommended Grant Awards: \$94 million total
 - Grant Agreements Executed: Spring 2018
- Preliminary Awards (Anticipated)
 - Number of Projects: 13
 - Recommended Grant Awards: \$26 million total



Proposition 1 GWGP

- Timeline (Second Round)
 - Concept Proposal: January 2018 (anticipated)
 - Concept Proposal Closes: Spring 2018
 - Preliminary Awarded and Grant Agreements: Spring 2018
- Application Process
 - Concept Proposal (available in FFAST)
 - Invitations to submit Final Proposal
 - Grant Agreements for Technical Assistance

Proposition 1 GWGP PROGRAM CONTACT

General Information Line: (800) 813-FUND (3863)
Email: gwquality.funding@waterboards.ca.gov

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Phone: (916) 319-8254

Website: [http://www.waterboards.ca.gov/water_iss
ues/programs/grants_loans/proposition1/groundwater_
sustainability](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/groundwater_sustainability)

GROUNDWATER: SB 445 Site Cleanup Subaccount Program (SCAP)

- Funding Available
 - Annual Appropriation
 - \$19.5 million in FY 2015/16, FY 2016/17
- Eligible Projects
 - ONLY human-made contaminants (i.e., Nitrates, PCE, TCE, DCE, DCA, pesticides, perchlorate, MTBE, hexavalent chromium, etc.)
 - Remediate harm or threat to human health, safety, and the environment from surface or groundwater contamination
 - Regulatory agency has issued a directive, unless infeasible
 - Responsible party lacks financial resources

GROUNDWATER - SCAP Grants

- Priorities based on 5 considerations
 - Significant threat to human health or the environment
 - Disadvantaged or small community impact
 - Cost and environmental benefit of cleanup
 - No other funding source(s) available other than SCAP
 - Other State Water Board considerations
- Timeline
 - Pre-application available and review of applications ongoing
 - Thirty approved projects and first Grant Agreements in early 2017
 - Over 120 applications reviewed since October 2015

GROUNDWATER - SCAP Grants PROGRAM CONTACT

General Information Line: (800) 813-FUND (3863)
Email: gwquality.funding@waterboards.ca.gov

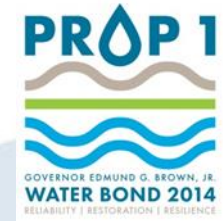
Ms. Kathryn Dominic, Senior Engineering Geologist
Email: Kathryn.Dominic@waterboards.ca.gov
Phone: (916) 449-5591

Website: [http://www.waterboards.ca.gov/water_iss
ues/programs/grants_loans/scap/](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/scap/)

Proposition 1

STORM WATER GRANT PROGRAM

- \$200 million for grants for multi-benefit (water quality/ supply, flood control, open space) storm water management projects
- **Eligible Applicants:** public agencies, 501(c)(3) non-profit organizations, public utilities, tribes, and mutual water companies
- **50% local match requirement**
 - Cannot be state sources of funds
 - May reduce for DACs/EDAs
- **Storm Water Resource Plans (SWRP)**
 - Required for storm water projects funded with bonds
 - Includes prioritized list of projects on a watershed basis
 - Incorporated into Integrated Regional Water Management (IRWM) Plans
 - DACs with population < 20,000 and not co-permittees with larger MS4's are exempt



Proposition 1

STORM WATER GRANT PROGRAM

- Planning Grants
 - \$9.5 million awarded June 2016; no additional planning rounds expected
- Implementation Grants
 - 2 solicitations: \$250,000 - \$10 million per project
 - Round 1 (\$80 million + \$25 million ASBS/Clean Beaches):
 - Closed July 8, 2016, Funding List announced December 1, 2016.
 - Round 2 (\$86 million): Tentatively scheduled for late 2018

Proposition 1

STORM WATER GRANT PROGRAM

- Implementation Grants (cont.)
 - Eligible projects must
 - Be included in a SWRP submitted to the IRWM Region
 - If SWRP not required (small DAC), project must be in IRWM Plan
 - Respond to climate change, contribute to regional water security, contain multiple benefits, and be designed to infiltrate, filter, store, evaporate, treat, or retain storm water or dry weather runoff

Proposition 1

STORM WATER GRANT PROGRAM

CONTACT

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ORPHAN SITE CLEANUP FUND (OSCF)

- Eligible Projects
 - Principal source of contamination from an on-site petroleum underground storage tank (UST)
 - No financially viable responsible party
- Eligible Applicants: Any entity type, except State and Federal
 - Owns or has access to the property
 - Must not be eligible for UST Cleanup Fund
 - Did not cause or contribute to UST petroleum release
 - Must not be affiliated with any person who caused or contributed to UST petroleum release
- Maximum Funding: \$1 million (per project)

OSCF PROGRAM CONTACT

Ms. Lola Barba, Staff Services Manager
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Phone: (916) 341-5009

Website: http://www.waterboards.ca.gov/water_issues/programs/ustcf/oscf.shtml

NONPOINT SOURCE (NPS) CONTROL PROGRAM GRANTS & FUNDING

- The NPS Program administers grant money received from United States Environmental Protection Agency through section 319(h) of the Federal Clean Water Act and from the state Timber Regulation and Forest Restoration Fund to implement projects or programs that:
 - Reduce NPS pollution, lead to load reductions and/or the prevention of pollutants that threaten or impair surface and ground waters
 - Focus funding in the state's NPS targeted watersheds
 - http://www.waterboards.ca.gov/water_issues/programs/nps/docs/plans_policies/sip_2014to2020.pdf
 - Address Total Maximum Daily Load implementation requirements
 - Address problems in impaired waters
- The NPS Grant Program provides funding for projects that implement forest management measures on forest lands to improve water quality.

NONPOINT SOURCE (NPS) CONTROL PROGRAM GRANTS & FUNDING

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nps/319grants.shtml](http://www.waterboards.ca.gov/water_issues/programs/nps/319grants.shtml)



HOW TO APPLY



All funding applications accepted online through the Financial Assistance Application Submittal Tool (FAAST):

<https://faast.waterboards.ca.gov/>

- If your community has an economic hardship, technical assistance providers may be available to assist with electronic submittal
- FAAST tutorials are available online:
<http://www.waterboards.ca.gov/videos/faast.shtml>

Apply Now!

Proposition 1

TECHNICAL ASSISTANCE (TA)

- Funding non-profits and universities (solicitation complete) to provide TA to small DACs for drinking water, wastewater, groundwater quality, and stormwater needs
- Intended to help small DACs develop projects and pursue Prop 1 funding
- Potential assistance types include:
 - Project coordination and development
 - Legal and/or engineering assistance
 - Rate studies, income surveys
 - Application assistance

Proposition 1 TA PROGRAM CONTACT

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STAY INFORMED

SIGN UP TO RECEIVE PROGRAM UPDATES VIA EMAIL

- Email subscription form can be accessed at:
www.waterboards.ca.gov/resources/email_subscriptions/
- Available for many programs, including:
 - Clean Water State Revolving Fund
 - Drinking Water State Revolving Fund
 - Water Recycling Funding Program
 - Groundwater Quality Funding Assistance
 - Storm Water Grant Program
 - And Many More...