State Water Board Funding for Site Cleanup

CCLR Workshop: Resources for Sustainable Development & Land Recycling (Vista, CA) - May 23, 2017

Lynda Arakelian, Redhorse Corporation
Contractor supporting the State Water Board
Funding Programs

Petroleum UST Funding Programs:

- **RUST**: Grants and low-interest loans from the Removal, Replacing, and Upgrading Storage Tank Program to eligible small business UST owners/operators.
- **Fund Claim**: A claim with the UST Cleanup Fund by an eligible owner or operator of an eligible UST.
- **OSCF**: A grant from the Orphan Site Cleanup Fund to a party that did not cause the release.
- **EAR**: Contracts are awarded by the State for sites nominated to the Emergency, Abandoned, and Recalcitrant Account Program (involves cost recovery).
Funding Programs

Groundwater Quality Funding Programs:

- **SCAP**: A grant from the Site Cleanup Subaccount.
- **Prop 1 GWS**: Proposition 1 Groundwater Sustainability Program.
UST-Only Funding
Orphan Site Cleanup Fund

OSCF
OSCF

- Assessment Grants
- Cleanup Grants
- Maximum: $1 million (Project)
- $6.2 million currently available for grant funding
OSCF: Eligibility

Program: Available for any entity type, except for State and Federal.

Applicant:
- Did not cause or contribute to release.
- Not affiliated with any person who caused or contributed to release.
- Owns (for cleanup grant) or has access to the property (for assessment grant).

Project:
- Principal source of contamination is from an on-site petroleum UST.
- No financially viable responsible party has been identified to pay for the cleanup costs.
OSCF: Process

- Staff Reviews Grant Application.

- Scope of Work, Budget, and Schedule are Negotiated among Regional Water Board, Fund staff, Grantee/their contractor. Documented in Project Execution Plan.

- Grant is executed.

- Grantee is reimbursed reasonable and necessary costs under grant terms.
OSCF: Villa Montgomery  
(Redwood City)

- Former Site Use: Gas Station
- First Housing Community received $601,032 from the OSCF for removal of petroleum-contaminated soil.
- Villa Montgomery is a 100% affordable multi-family housing development.
- LEED Gold Certified.
- Includes 1,250 square feet of retail space, as well as 58 apartment units.

View of Villa Montgomery Apartments and outdoor children’s play area.
OSCF: Ashland Youth Center
(San Leandro)

- Former Site Use: Bulk fuel storage and sales facility.
- Orphan Site Cleanup Fund provided $167,000 in support for the removal of petroleum contaminated soil from the northwest portion of the County Site, removal of contaminated surficial fill, removal of a UST.
- Site redeveloped into Ashland Youth Center with community health clinic, library, day care, multi-media room, dance studio, weight room, arts room and café.
- Holland Park was constructed adjacent to the youth center.
OSCF: Web Information

OSCF Information and Application:
http://www.waterboards.ca.gov/water_issues/programs/ustcf/oscf.shtml

Stay Informed: Sign up for the OSCF electronic mailing list:
SB1161 (Orphan Site Cleanup Fund):
http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml

Contact: Lola Barba
Email: Lola.Barba@waterboards.ca.gov
Phone: (916) 341-5059
Groundwater Quality Funding
Site Cleanup Subaccount

SCAP
Remediate the harm or threat of harm to human health, safety, or the environment caused by existing or threatened surface or groundwater contamination.

Grants – Annual appropriation of $19.5 million.
SCAP: Eligibility

Project:

- Source of surface or groundwater contamination is from human-made contaminants.
- Regulatory agency has issued a directive, unless infeasible.
- Responsible Party lacks financial resources to implement the project.
- Applicant has access to the property.
SCAP:
Priorities Based on 5 Considerations

- Significant threat to human health, safety, 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.
SCAP: Process

- Pre-Application.

- State Water Board adopts SCAP Project List.

- Scope of Work, Budget, and Schedule are negotiated among Regional Water Board, Fund staff, Grant applicant/their contractor and documented in PEP.

- Grant is executed.

- Corrective action work completed.

- Grantee is reimbursed reasonable and necessary costs.
SCAP: Projects


Types of projects:
- Dry cleaners
- Metal plating shops
- Industrial facilities with solvent users
- Petroleum UST cases
SCAP: Example Approved Applicant

Throgmorton’s Frame Clinic (Los Angeles)

- 19 USTs
- Non-petroleum USTs
- Not eligible for OSCF
- Not eligible for CUF
- Not eligible for RUST
Proposition 1
Groundwater Sustainability
Prop 1 GWS:
Proposition 1 Groundwater Sustainability Program - $800M

Eligible Applicants
- Public Agencies, Tribes, Public Utilities, Non-Profits, Mutual Water Companies

Eligible Projects
- Prevent or clean up contamination of groundwater that serves or has served as a source of drinking water
- Any contaminant – natural or man-made

Priorities based on:
- Threat posed by groundwater contamination to drinking water supply
- Potential for groundwater contamination to spread/impair
- Potential of project to enhance local water supply reliability
- Potential of project to recharge vulnerable, high-use basins
- Projects with no viable responsible party(ies)
Prop 1 GWS: Eligibility Requirements

Achieve one or more of the following objectives:

- Prevent the spread of contamination in an aquifer that serves or has served as a source of drinking water;
- Accelerate the cleanup of contamination in an aquifer that serves or has served as a source of drinking water;
- Protect an aquifer that serve as a source of drinking water; or
- Provide clean drinking water to disadvantaged communities or economically distressed areas.
Prop 1 GWS: Project Types – Planning & Monitoring

- Site Assessment
- Site Characterization
- Remedial Investigation (RI)
- Feasibility Study (FS)
- Responsible Party (RP) Search
- Preliminary Engineering Design
Prop 1 GWS: Project Types – Implementation

- Design
- Construction
- Pilot Studies
- Initial Startup of Facilities
- Wellhead Treatment
- Pump and Treat
- Centralized Treatment System
- Groundwater Recharge to Prevent Contamination
- Groundwater Injection to Prevent Seawater Intrusion
Prop 1 GWS:

Available Funding - $800 Million

- $160 million set aside for projects benefiting disadvantaged communities and economically distressed areas
  - At least $80 million for projects benefiting severely disadvantaged communities
  - $10 million set aside for technical assistance

- Up to $80 million for planning and monitoring projects that lead to implementation
- Round 1 preliminary awards for 8 projects: $22,827,948
- Round 2 projects will be evaluated in fall 2017

Match Requirements

- The applicant is required to provide a minimum local cost share (“match funds”) of fifty (50) percent of the total project cost
- Match reduction for disadvantaged communities and economically distressed areas based on ability to pay
Table 1: GWGP Prop 1, Preliminary Award Projects

<table>
<thead>
<tr>
<th>Project Number</th>
<th>County</th>
<th>Applicant</th>
<th>Proposal Title</th>
<th>Requested Grant Amount</th>
<th>Match Amount</th>
<th>Total Project Cost</th>
<th>Recommended Grant Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alameda</td>
<td>Alameda County Water District</td>
<td>Old Jarvis Road Irrigation Well Destruction Project</td>
<td>$137,001</td>
<td>$137,002</td>
<td>$274,003</td>
<td>$137,000</td>
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<tr>
<td>2</td>
<td>Stanislaus</td>
<td>City of Modesto</td>
<td>Destruction of Water Supply Wells</td>
<td>$3,590,723</td>
<td>$104,887</td>
<td>$1,048,872</td>
<td>$943,985</td>
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<td>3</td>
<td>Orange</td>
<td>Orange County Water District</td>
<td>North Basin Extraction Well EW-1 Project</td>
<td>$800,000</td>
<td>$800,000</td>
<td>$1,600,000</td>
<td>$800,000</td>
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<tr>
<td>4</td>
<td>Orange</td>
<td>Orange County Water District</td>
<td>North Basin Remedial Investigation/Feasibility Study</td>
<td>$1,000,000</td>
<td>$1,797,985</td>
<td>$2,797,985</td>
<td>$1,000,000</td>
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<tr>
<td>5</td>
<td>Orange</td>
<td>Orange County Water District</td>
<td>South Basin Remedial Investigation/Feasibility Study</td>
<td>$1,000,000</td>
<td>$1,280,692</td>
<td>$2,280,692</td>
<td>$1,000,000</td>
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<tr>
<td>6</td>
<td>Los Angeles</td>
<td>Water Replenishment District of Southern CA</td>
<td>Los Angeles Forebay Perchlorate and VOC Cleanup Project - Phase 1</td>
<td>$7,275,675</td>
<td>$1,839,070</td>
<td>$9,114,745</td>
<td>$7,275,675</td>
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<tr>
<td>7</td>
<td>San Bernardino</td>
<td>Inland Empire Utilities Agency (IEUA)</td>
<td>Chino Basin Improvement and Groundwater Clean-up Project</td>
<td>$11,377,018</td>
<td>$11,520,087</td>
<td>$22,897,105</td>
<td>$11,377,018</td>
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<tr>
<td>8</td>
<td>El Dorado</td>
<td>South Tahoe Public Utility District</td>
<td>Feasibility Study of Remedial Alternatives to Mitigate PCE Contamination</td>
<td>$294,270</td>
<td>$294,270</td>
<td>$588,540</td>
<td>$294,270</td>
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<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$25,474,686</strong></td>
<td><strong>$17,773,993</strong></td>
<td><strong>$40,601,942</strong></td>
<td><strong>$22,827,948</strong></td>
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</table>
Online single point application tool

Go to [https://faast.waterboards.ca.gov/](https://faast.waterboards.ca.gov/) to create a user account

Taking applications now – continuously accepting applications

- Pre-Application
- Supplemental Documents request if invited to submit


If your community has a hardship, technical assistance providers may be available to assist with electronic submittal

Groundwater Quality Funding: SCAP & Prop 1 GWS
Groundwater Quality Funding: SCAP & Prop 1 GWS

Further information:

• Website: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/gw_funding/

• Email: gwquality.funding@waterboards.ca.gov

• Prop 1: Robert Reeves – (916) 319-8254 – Robert.Reeves@waterboards.ca.gov

• SCAP: Lauren Ruvalcaba – (916) 341-5816 – Lauren.Ruvalcaba@waterboards.ca.gov
Questions?

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