

Proposal Full View

Applicant Information

Organization Name Water Replenishment District of Southern California ▾ *
 Tax ID **956006456**
 Proposal Name Los Angeles Forebay Groundwater Quality Task Force Investigation *
 Proposal Objective Identify sources and extent of VOC and perchlorate contamination within the Los Angeles Forebay groundwater recharge area to protect quality and supply reliability of the groundwater basins underlying Southern Los Angeles County. *

Budget

Other Contribution	\$0.00	
Local Contribution	\$85,000.00	
Federal Contribution	\$0.00	
Inkind Contribution	\$169,500.00	
Amount Requested	\$250,000.00	*
Total Project Cost	\$504,500.00	*

Geographic Information

Latitude * DD(+/-) MM SS
 Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification

Location

The Los Angeles Forebay is within the Central Basin in southern Los Angeles County.

County Los Angeles *
 Ground Water Basin Coastal Plain Of Los Angeles-Central
 Hydrologic Region South Coast
 Watershed Los Angeles River, San Gabriel River

Legislative Information

Assembly District 45th Assembly District,46th Assembly District,47th Assembly District,48th Assembly District,49th Assembly District,50th Assembly District,51st Assembly District,52nd Assembly District,53rd Assembly District,54th Assembly District,55th Assembly District,56th Assembly District,58th Assembly District,60th Assembly District *
 22nd Senate District,24th Senate District,25th Senate

Senate District	District,26th Senate District,27th Senate District,28th Senate District,29th Senate District,30th Senate District *
US Congressional District	District 31 (CA),District 32 (CA),District 33 (CA),District 34 (CA),District 35 (CA),District 36 (CA),District 37 (CA),District 38 (CA),District 39 (CA),District 42 (CA),District 46 (CA) *

Project Information

Project Name	Los Angeles Forebay Groundwater
Implementing Organization	Water Replenishment District of Southern California
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	10/31/2014
Project Scope	Boring, logging, groundwater sampling to assess extent of regional VOC and perchlorate plumes within the recharge area.
Project Description	The proposed project will develop a working understanding of the sources and extent of VOC and perchlorate contamination within the Los Angeles Forebay by identifying potential sources, studying the groundwater flow system, and determining the horizontal and vertical extent of the VOC and perchlorate plumes within the Forebay. This investigation will assist WRD with managing and protecting the water supplies of the 43 cities within its southern Los Angeles County service area.
Project Objective	Identify and define the contamination to allow a regulatory agency (DTSC or LARWQCB) to issue orders to potentially responsible parties (PRPs) to facilitate further characterization and remediation under the oversight of the regulatory agency.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Groundwater quality samples taken	0	Identify sources and extent of perchlorate and VOC plumes in groundwater at depths between 220 and 400 feet below ground surface within a 1500-acre study area.
Primary	Water Storage -- Groundwater-Recharge area protected	1500	Assess extent of contamination within recharge area to facilitate cleanup and protect basin water quality

Primary	Management Plans-Groundwater	0	Data incorporated into database and shared with State and Federal agencies and stakeholders via Groundwater Contamination Forum.
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Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="85000"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="169500"/>
Amount Requested	<input type="text" value="250000"/>
Total Project Cost	<input type="text" value="504500"/>

Geographic Information

Latitude DD(+/-)	<input type="text" value="34"/>	MM <input type="text" value="1"/>	SS <input type="text" value="2"/>
Longitude DD(+/-)	<input type="text" value="118"/>	MM <input type="text" value="14"/>	SS <input type="text" value="19"/>

Longitude/Latitude Clarification Location

County
 WaterShed

Legislative Information

Assembly District	45th Assembly District,46th Assembly District,47th Assembly District,48th Assembly District,49th Assembly District,50th Assembly District,51st Assembly District,52nd Assembly District,53rd Assembly District,54th Assembly District,55th Assembly District,56th Assembly District,58th Assembly District,60th Assembly District
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Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Water Replenishment District of Southern California 4040 Paramount Blvd Lakewood, CA 90712

Q2. Proposal Description:**Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.**

The Water Replenishment District of Southern California (WRD) is the groundwater management agency and the State of California's designated groundwater monitoring entity for the Central Basin and the West Coast Basin (CBWCB) under its California Statewide Groundwater Elevation Monitoring Program (CASGEM). These adjudicated basins supply over 240,000 acre-feet per year (AFY) or nearly a third of the water used by 43 cities overlying southern Los Angeles County. WRD's mission is to protect and preserve high-quality groundwater in the basins through innovative, cost-effective, and environmentally sensitive management practices for the benefit of residents and businesses of the CBWCB. One of WRD's groundwater management objectives is the proactive identification and management of threats to drinking water aquifers from contamination sources. Elevated concentrations of volatile organic compounds (VOCs) and perchlorate, a component of solid rocket fuel amongst other uses, have been detected in groundwater monitoring wells associated with a former waste tetrachloroethene treatment facility (AAD site) that is located in the Los Angeles Forebay of the Central Basin. VOCs and perchlorate have also impacted drinking water wells and other groundwater monitoring wells in the site vicinity. The threat to drinking water resources in the Los Angeles Forebay appears substantial in breadth and consequence. As a result, the Los Angeles Forebay Groundwater Quality Task Force (Task Force), consisting of various stakeholders including WRD, Federal and State regulatory agencies, water purveyors, and other local agencies, was established to pool limited resources to collaboratively address a common goal: the protection and preservation of groundwater resources. WRD is requesting funding through the California Department of Water Resources' (DWR) Local Groundwater Assistance Grant program to support the groundwater investigation (Project) by the Task Force. If granted, Project tasks will include the drilling of soil borings, groundwater sampling and analysis, and data evaluation. WRD is coordinating the efforts of the Task Force, which will meet quarterly beginning in July/August 2012 to collaboratively identify and characterize potential source(s) of groundwater contamination within the Los Angeles Forebay. Due to the extent of the contamination, this groundwater investigation requires collaboration between multiple regulatory agencies and stakeholders, as well as external funding. Success of the proposed Project will be dependent upon cooperative involvement and in-kind contributions by the stakeholders. The proposed Project will not only assess the potential source(s) and extent of groundwater contamination, but will also provide guidance for further characterization, identification of potentially responsible parties, and ultimately facilitate implementation of site-specific investigations and remedial actions under regulatory agency oversight. The Task Force will be ready to implement the Project as soon as April 1, 2013, and the schedule is adjustable per DWR's timeline requirement. WRD has a proven record of undertaking groundwater basin assessment and grant projects similar to the proposed Project and is capable of performing high quality work, managing funds, and meeting deadlines.

Q3. Project Director:**Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

Robb Whitaker General Manager 562-921-5521 rwhitaker@wrdd.org

Q4. Project Manager:**Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

Theresa Wu Water Resources Engineer 562-275-4256 twu@wrdd.org

Q5. Additional Information:

http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm

- 1) Northern Region
- 2) North Central Region
- 3) South Central Region
- 4) Southern Region

Q6. Additional Information:

Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.

The Central Basin Adjudication order was issued in 1965 and last amended in 1991. The latest version can be found on DWR's website at http://www.water.ca.gov/watermaster/centralbasin_judgment/index.cfm.

Q7. Additional Information:

Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).

WRD is a party to the Central Basin Judgment issued in 1965 and last amended in 1991. MOU Concerning Potential Sources of Groundwater Contamination in the Central and West Coast Groundwater Basins, Los Angeles County, California (executed 2004/2005 by: WRD, USEPA, USGS, RWQCB, DTSC)

Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".

No Other Contributions.

Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

None. WRD is not an urban water supplier.

Q10. Eligibility:

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

Not applicable. WRD is not an urban water supplier.

Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1_LGA12_WRD_Authorizing Doc_1of1 12-933.pdf,Att0_LGA12_WRD_Cover_TOC_1of1.pdf

Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2_LGA12_WRD_Eligible Applicant Doc_1of1.pdf

Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3_LGA12_WRD_Status of GWMP_1of1.pdf

Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4_LGA12_WRD_Project Description_1of1.pdf

Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5_LGA12_WRD_Work Plan_1of1.pdf

Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6_LGA12_WRD_Budget_1of1.pdf

Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7_LGA12_WRD_Schedule_1of1.pdf

Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8_LGA12_WRD_Quality Assurance_1of1.pdf

Attachemnt 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9_LGA12_WRD_Past Performance_1of1.pdf

Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10_LGA12_WRD_AB 1420 Compliance_1of1.pdf,Att11_LGA12_WRD_Appendix A_1of1.pdf,Att12_LGA12_WRD_Appendix B_1of1.pdf
