

Proposal Full View

Applicant Information

Organization Name *

Tax ID **956006456**

Proposal Name **Montebello Forebay Recharge Enhancement Study** *

Proposal Objective **To quantify the additional stormwater and recycled water that can be conserved in the Montebello Forebay Spreading Grounds by reviewing and updating previously completed studies and groundwater models to reflect current operating conditions.** *

Budget

Other Contribution	<input type="text" value="\$0.00"/>	
Local Contribution	<input type="text" value="\$0.00"/>	
Federal Contribution	<input type="text" value="\$0.00"/>	
Inkind Contribution	<input type="text" value="\$0.00"/>	
Amount Requested	<input type="text" value="\$248,320.00"/>	*
Total Project Cost	<input type="text" value="\$248,320.00"/>	*

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification	Location	The Montebello 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 *
Senate District	22nd Senate District,24th Senate District,25th Senate 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	Montebello Forebay Recharge
Implementing Organization	Water Replenishment District of Southern California
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	12/31/2013
Project Scope	Review of existing data and studies, characterization of current operations, update of groundwater model and model runs.
Project Description	The study will provide an assessment of capability of the Montebello Forebay Spreading Grounds (MFSG) to capture and recharge additional locally available water (recycled water or stormwater, when available). This study will build off the findings of previously completed studies to reflect current operating conditions. Additionally, the existing model will be updated and calibrated to reflect these current operating conditions. Upon completion of the model update, a series of alternative groundwater extraction and replenishment scenarios will be developed and analyzed to assess the ability of the MFSG to conserve this additional water. The goal of this study is to quantify the additional stormwater and recycled water that can be conserved in the Montebello Forebay Spreading Grounds as a result of additional groundwater extraction in the Montebello Forebay.
	The objectives of the proposed study are to review and update information developed as part of previous assessments of the Montebello Forebay, review and refine its groundwater flow system

Project Objective

model and identify sources of local groundwater supply for replenishment. This study will assist WRD with developing reliable, low cost replenishment water supplies for the 43 cities within its southern Los Angeles County service area.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage -- Groundwater-Water Supply Enhancement	17000	Augment spreading grounds capacity to recharge locally available water.

Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="248320"/>
Total Project Cost	<input type="text" value="248320"/>

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS

Longitude/Latitude Clarification Location

County Los Angeles Ground Water Basin Coastal Plain Of Los Angeles-Central Hydrologic Region South Coast 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
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Senate District	22nd Senate District,24th Senate District,25th Senate District,26th Senate District,27th Senate District,28th Senate District,29th Senate District,30th Senate 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 for the Central Basin and the West Coast Basins (CBWCB). 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 to reduce replenishment water costs and ensure available water sources for replenishment of the groundwater supplies. The principle recharge area for the Central Basin is the Montebello Forebay Spreading Grounds (MFSG), located in the Montebello Forebay area of the Central Basin. These spreading grounds, comprised of the Rio Hondo Coastal Spreading Grounds and San Gabriel River Spreading Grounds, provide for replenishment of the Central Basin with a blend of recycled water, imported water from northern California and the Colorado River and local stormwater, when available. It is the goal of WRD to reduce reliance on imported water due to its steadily increasing costs and decreasing reliability. In order to reduce this reliance, locally available water sources must be developed. The two sources of locally available water are recycled water and stormwater, when available. Previously completed studies of the MFSG, completed in cooperation with the Los Angeles County Flood Control District who own and operate the facilities, indicated that additional local water supplies could be recharged if groundwater levels in the vicinity of the MFSG were lowered through increased extraction. The estimated quantity of additional local water capture ranged between 2,000 and 29,000 acre-feet per year depending on the level of extraction, with a preferred alternative identifying approximately 17,000 acre-feet per year. Since the completion of these studies, however, several capital and operational improvements have been implemented in the vicinity of the MFSG. As a result, a comprehensive review and update of these previously completed studies is required for determination of the estimated quantity and type of additional local water that can be recharged. WRD is requesting funding through the California Department of Water Resources' (DWR) Local Groundwater

Assistance Grant program for the Montebello Forebay Recharge Enhancement Study (Study) to review and update these previously completed studies and models. If granted, Study tasks will include a comprehensive review of existing information related to MFSG operations, a quantification of the benefits of recent improvements to the MFSG, an update to an existing model used to estimate the groundwater recharge capability of the MFSG and a comprehensive characterization and documentation of MFSG operations. Additionally the Study will evaluate a series of extraction / recharge scenarios using the updated model and quantify that amount of available recycled water and stormwater that can be captured. WRD will be ready to implement the Study 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:

Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:

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.

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: Att0_LGA12_WRD_Cover_TOC_1of1.pdf,Att1_LGA12_WRD_Authorizing Doc_1of1 12-934.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

Attachment 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
