

Proposal Full View

Applicant Information

Organization Name Fresno Metropolitan Flood Control District * *
 Tax ID 941542794
 Proposal Name Basin Recharge Improvement and Soil Sampling Project * *
 Proposal Objective The purpose of the project is to demonstrate that physical modifications of near surface soils in an existing basin (Basin "P") can economically improve recharge performance and to study basin soils in six (6) or more other basins, selecting one of those six (6) or selecting Basin "CM" (limited to one by available grant funding) and modifying it similar to Basin "P". *

Budget

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

Geographic Information

Latitude * DD(+/-) 36 MM 49 SS 30
 Longitude * DD(+/-) -119 MM 45 SS 20

Longitude/Latitude Clarification Latitude/Longitude given is for the central location of Basin "P". Location
 See Att_LGA12_FMFC_D_WrkPln_5of5.pdf (Figure 5-1 & 5-2) attachment for the locations of the project.

County Fresno *
 Ground Water Basin San Joaquin Valley-Kings
 Hydrologic Region Tulare Lake
 Watershed 100, 109, 110

Legislative Information

Assembly District 29th Assembly District *
 Senate District 14th Senate District *
 US Congressional District District 19 (CA) *

Project Information

Project Name Basin Recharge Improvement and Soil Samplir	
Implementing Organization	Fresno Metropolitan Flood Control District
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	9/16/2014
Project Scope	FMFCD's proposed project will study soil profiles and improve groundwater recharge in the Fresno-Clovis area.
Project Description	The entire grant amount would be used to collect soil data and make physical modifications to basin sites to improve their groundwater recharge capability.
Project Objective	1. Demonstrate that a physical modification to certain existing basin sites is more economical than acquiring new basins sites. 2. Collect underlying soil profiles from six (6) or more other basin sites in Fresno and Clovis to evaluate the potential for additional future projects, and 3. Utilize remaining funds to make physical modifications at one (1) or more of the six (6) basin sites where soil data was collected or Basin "CM" to install gravity drains to maximize groundwater recharge.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
	Water Use		Increasing the volume of surface water and stormwater that can percolate to the local area's aquifers

Primary	Efficiency - Best Mgt. Practices- Water Supply Enhancement	680	allows the Cities of Fresno and Clovis to maximize the amount of surface water entitlement delivered to FMFCD basins via the FID canal system.
Secondary	Management Plans- Groundwater	0	Gaining information for the soil profiles of six (6) or more recharge basins will assist FMFCD, the Cities of Fresno and Clovis, Fresno Irrigation District and others in developing and improving additional basins in the future.
Secondary	Management Plans- Stormwater	0	Gaining information for the soil profiles of six (6) or more recharge basins will assist FMFCD, the Cities of Fresno and Clovis, Fresno Irrigation District and others in developing and improving additional basins in the future.

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="250000"/>
Total Project Cost	<input type="text" value="250000"/>

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS

Longitude/Latitude Clarification Location

County Fresno Ground Water Basin San Joaquin Valley-Kings Hydrologic Region Tulare Lake WaterShed
100, 109, 110

Legislative Information

Assembly District	29th Assembly District
Senate District	14th Senate District
US Congressional District	District 19 (CA)

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.
Fresno Metropolitan Flood Control District, 5469 E. Olive Ave., Fresno CA 93727

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 project will determine whether soil modification is an economical technique of recharge, while improving and protecting the groundwater supply. Increased groundwater recharge efforts are critically important to address the local groundwater overdraft within the Fresno/Clovis aquifer's cone of depression. Collection of soil data is a prerequisite to evaluating, developing, or improving additional basins in the future. The eight objectives of the Fresno-Area Regional Groundwater Management Plan are identified in Attachment 4 of the proposal, and of those eight, three are represented in this section. Correct the overdraft and stabilize groundwater levels at the highest practical beneficial levels: The soil data collected from the six (6) or more sites will allow FMFCD staff to alter basin designs and geometry in the future to increase infiltration rates, and also to use data to determine a second basin site to maximize its infiltration. This will contribute to correcting the overdraft; along with help stabilize the groundwater levels at the highest practical beneficial levels. Maximize the available water supply, including conjunctive use of surface water and groundwater; and Manage groundwater resources to the extent necessary to ensure reasonable, beneficial, and continued use of the resource: Increasing the volume of surface water and stormwater that can percolate to the local area's aquifers allows the Cities of Fresno and Clovis to maximize the amount of surface water entitlement delivered to FMFCD basins via the FID canal system. In addition, gaining information for the soil profiles of six (6) or more recharge basins and testing and monitoring physical recharge improvements at two additional sites will help build the knowledge base in the Fresno-Clovis area for GWMP member agencies. Such knowledge will assist FMFCD, the Cities of Fresno and Clovis, Fresno Irrigation District and others in individual and regional planning to meet this objective.

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.

Bob Van Wyk General Manager bobv@fresnofloodcontrol.org (559) 456-3292

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.

John Santos, PE Engineer II johns@fresnofloodcontrol.org (559) 456-3292

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.

Fresno-Area Regional GWMP was adopted by its ten member agencies in 2006, and by the FMFCD Board of Directors on February 8, 2006. The GWMP satisfies sections 10750, 10753 and 10795 of the California Water Code.

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).

3 Agreements for Use of Basins for Groundwater Recharge; City of Clovis, City of Fresno, and Fresno Irrigation District. MOU regarding Fresno Area Regional Groundwater Management Plan; FID, City of Fresno, City of Clovis, FMFCD, Bakman Water Company, City of Kerman, County of Fresno, Malaga County Water District, and Pinedale County Water District. Resolution 2006-490 of the FMFCD Board of Directors, Adopting the Fresno Area Regional Groundwater Management Plan (and accompanying staff report).

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".

Local source of project funding (Other Contribution): Fresno Metropolitan Flood Control District

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.

The Fresno Metropolitan Flood Control District is not an urban water supplier. Further, no grant funds received through the Local Groundwater Assistance Program will be spent by or for 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. The Fresno Metropolitan Flood Control District is not an urban water supplier.

Q11. Completeness Check:

Have all of the fields in the application been completed?

No

Q.11. Completeness Check (cont)

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

Organization Contact Information was provided under the Application Information but it isn't showing in the Proposal Full View. Below is the Organization Contact Information that was provided: John Santos Fresno, CA 93727 (559)4563292 johns@fresnofloodcontrol.org

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_FMFCD_AuthDoc_1of2.pdf,Att1_LGA12_FMFCD_AuthDoc_2of2.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_FMFCD_EligDoc_1of5.pdf,Att2_LGA12_FMFCD_EligDoc_2of5.pdf,Att2_LGA12_FMFCD_EligDoc_3of5.pdf,Att2_LGA12_FMFCD_EligDoc_4of5.pdf,At

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_FMFCD_GWMP_1of5.pdf,Att3_LGA12_FMFCD_GWMP_2of5.pdf,Att3_LGA12_FMFCD_GWMP_3of5.pdf,Att3_LGA12_FMFCD_GWMP_4of5.pdf,Att3

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_FMFCD_ProjD_1of4.pdf,Att4_LGA12_FMFCD_ProjD_2of4.pdf,Att4_LGA12_FMFCD_ProjD_3of4.pdf,Att4_LGA12_FMFCD

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_FMFCD_WrkPln_1of5.pdf,Att5_LGA12_FMFCD_WrkPln_2of5.pdf,Att5_LGA12_FMFCD_WrkPln_3of5.pdf,Att5_LGA12_F
5.pdf,Att5_LGA12_FMFCD_WrkPln_5of5.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_FMFCD_BUDGET_1of2.pdf,Att6_LGA12_FMFCD_BUDGET_2of2.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_FMFCD_SCHED_1of2.pdf,Att7_LGA12_FMFCD_SCHED_2of2.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_FMFCD_QA_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_FMFCD_PERFORM_1of5.pdf,Att9_LGA12_FMFCD_PERFORM_2of5.pdf,Att9_LGA12_FMFCD_PERFORM_3of5.pdf,Att9_LGA12_FMFCD_PERFORM

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 Subm