

Proposal Full View

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Applicant Information

Organization Name *

Tax ID **956005445**

Proposal Name Groundwater Monitoring wells in Middle Amargosa Valley, California Valley, Pahrump Valley, and Mesquite Valley Groundwater Basins *

Proposal Objective The goal of this project is to establish a network of monitoring wells in the southeastern region of Inyo County. These wells will be in four groundwater basins: Pahrump Valley, Middle Amargosa Valley, California Valley, and Mesquite Valley. This project supports multiple local, state, interstate, and federal needs: this network will support compliance with monitoring requirements under the California Statewide Groundwater Elevation Monitoring Program (CASGEM), support ongoing and necessary research, provide monitoring for the Amargosa Wild and Scenic River corridor, provide data relevant to transboundary (California/Nevada) groundwater management, and create facilities for monitoring hydrologic impacts of burgeoning solar development in the region. *

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="\$249,949.00"/> *
Total Project Cost	<input type="text" value="\$249,949.00"/> *

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification Location

County Inyo *

Ground Water Basin Mesquite Valley, Middle Amargosa Valley, Pahrump Valley

Hydrologic Region South Lahontan

Watershed Amargosa, Pahrump, Mesquite

Legislative Information

Assembly District 34th Assembly District *

Senate District 18th Senate District *

US Congressional District District 25 (CA) *

Project Information

Project Name

Implementing Organization	Inyo-Water Department, County of
Secondary Implementing Organization	
Proposed Start Date	4/1/2013
Proposed End Date	12/31/2014
Project Scope	Siting, permitting, and installation of wells. Geochemical sampling and data logger installation. Year one monitoring.
Project Description	This project will site, install, and develop eight monitoring wells. After construction, each monitoring well will be sampled for geochemical constituents and be equipped with a pressure transducer and data logger. One year of data collection and reporting is included in this project. This well network will improve monitoring and understanding of regional groundwater flow in a region where data is sparse and numerous regulatory and scientific data gaps exist.
Project Objective	The goal of this project is to establish a network of monitoring wells in the southeastern region of Inyo County. These wells will be in four groundwater basins: Pahrump Valley, Middle Amargosa Valley, California Valley, and Mesquite Valley.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Monitoring wells installed	0	
Primary	Groundwater Management-Water level measurements taken	0	Water level monitoring
Primary	Water Quality: Constituents -- Salinity	0	geochem sampling
Secondary	Other-Hydrogeological	0	

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	0
Amount Requested	249949
Total Project Cost	249949

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS

Longitude/Latitude Clarification Location

County Inyo Ground Water Basin California Valley, Mesquite Valley, Middle Amargosa Valley, Pahump Valley Hydrologic Region South Lahontan WaterShed Amargosa, Pahump, Mesquite

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 25 (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.
 County of Inyo Water Department PO Box 337 Independence, CA 93526

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 goal of this project is to establish a network of monitoring wells in the southeastern region of Inyo County. These wells will be in four groundwater basins: Pahump Valley, Middle Amargosa Valley, California Valley, and Mesquite Valley. This project supports multiple local, state, interstate, and federal needs: this network will support compliance with monitoring requirements under the California Statewide Groundwater Elevation Monitoring Program (CASGEM), support ongoing and necessary research, provide monitoring for the Amargosa Wild and Scenic River corridor, provide data relevant to transboundary (California/Nevada) groundwater management, and create facilities for monitoring hydrologic impacts of burgeoning solar development in the region. Meeting these multiple needs furthers Inyo County's ability to realize monitoring and mitigation strategies set forth in the County's groundwater ordinance (Ordinance #1004) and water policy resolution (Board Resolution 99-43), as well as addressing state-mandated monitoring requirements. The following tasks are recommended as important initial steps toward developing a groundwater elevation monitoring network in southeastern Inyo County. The tasks consist of: installation of 8 piezometers/groundwater monitoring wells; geochemical sampling of the eight wells; placement of continuous groundwater-level recording instrumentation; and, continued periodic groundwater elevation for one year subsequent to well installation.

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 Harrington, Director Inyo County Water Department PO Box 337 Independence, CA 93526 bharrington@inyocounty.us (760) 878-0001

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.

Bob Harrington, Director Inyo County Water Department PO Box 337 Independence, CA 93526 bharrington@inyocounty.us

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.

Inyo County adopted a groundwater ordinance on October 27, 1998. Existing law provides Inyo County authority to exercise its authority under Water Code Section 1810 to protect the health, safety, and welfare of its citizens through regulation of groundwater extractions within Inyo County.

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).

(1) Inyo-Mono Integrated Regional Water Management Plan. Local agencies, non-governmental organizations, and state agencies participate in this plan. Inyo County is an active member. (2) Inyo-Los Angeles Long Term Groundwater Management Agreement. The City of Los Angeles owns land and water rights in Inyo County. This agreement was developed to settle CEQA litigation between Inyo and Los Angeles, and provides comprehensive groundwater management prescriptions related to their lands. The proposed project is not on Los Angeles's land, but the Inyo-LA agreement provides a framework for monitoring, management, and mitigation of groundwater extraction that Inyo County seeks to apply throughout the County. (3) Ordinance 1004 (Groundwater Ordinance), chaptered as section 18.77 of the Inyo County Code, requires that parties desiring to transfer more than one acre-foot of groundwater from a groundwater basin located in whole or in part in Inyo County to a location outside of the groundwater basin or to a location outside of Inyo County must obtain a conditional use permit from the County. Pursuant to Water Code Section 1810, transfers of water may be denied if such a transfer will unreasonably affect the overall economy or the environment of the county from which the water is being transferred. Conditional use permits for groundwater transfers are approved only if the Inyo County Planning Commission, in consideration from recommendations from the Inyo County Water Commission, finds that the proposed transfer will not unreasonably affect the overall economy or environment of the County. Determinations by the Planning Commission concerning whether a transfer will have a significant adverse effect on the economy or environment are made based on substantial evidence and analyzed according to the methods used to conduct CEQA analyses. Monitoring, management, and reporting requirements are incorporated, as appropriate, into each conditional use permit. Transfers by the City of Los Angeles are exempt from the Groundwater Ordinance, because such transfers are regulated by Inyo/Los Angeles Long Term Water Agreement. The Groundwater Ordinance was adopted by the Inyo County Board of Supervisors on October 27, 1998. (4) Inyo County Board Resolution 99-43 sets forth the County's policy concerning the extraction and use of water within the County, defines the responsibilities of the Inyo County Water Commission, and sets out the water-related responsibilities of a number of County Departments. Resolution 99-43 retains final responsibility for water policy with the Board of Supervisors. The Inyo County Board of Supervisors adopted Resolution 99-43 on July 27, 1999.

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 directly to the project described herein; however, we anticipate working closely with the USGS, BLM, and Amargosa Conservancy to closely coordinate this project with ongoing research and monitoring in the project area. The USGS is currently conducting a groundwater modeling study in the area and the proposed project will provide data necessary for model calibration.

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.

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.

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_ICWD_AuthDoc_1of2.docx,Att1_LGA12_ICWD_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_ICWD_EligDoc_1of2.docx,Att2_LGA12_ICWD_EligDoc_2of2.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_ICWD_GWMP_1of4.docx,Att3_LGA12_ICWD_GWMP_2of4.pdf,Att3_LGA12_ICWD_GWMP_3of4.pdf,Att3_LGA12_ICWD_GWMP_4of4.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_ICWD_ProjD_1of2.docx,Att4_LGA12_ICWD_ProjD_2of2.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_ICWD_WrkPln_1of1.docx

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_ICWD_BUDGET_1of1.xlsx

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_ICWD_SCHED_1of1.docx

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_ICWD_QA_1of1.docx

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_ICWD_PERFORM_1of1.docx

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_ICWD_1420_1of1.docx