



Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	221877
Amount Requested	196000
Total Project Cost	417877

**Geographic Information**

Latitude DD(+/-)	37	MM 58	SS 0
Longitude DD(+/-)	-121	MM 17	SS 5
Longitude/Latitude Clarification	Location		City of Stockton
County	San Joaquin		
Ground Water Basin	San Joaquin Valley-Eastern San Joaquin		
Hydrologic Region	San Joaquin		
WaterShed	North Valley Floor, San Joaquin Val		

**Legislative Information**

Assembly District	10th Assembly District,15th Assembly District,17th Assembly District,26th Assembly District
Senate District	5th Senate District,14th Senate District
US Congressional District	District 11 (CA),District 18 (CA)

**Project Information**

**Project Benefits Information**

Project Name Stockton East Water District – 35 Acre Rec

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Storage -- Conjunctive-Water Supply Enhancement	1192.50	Recovery wells will augment deliveries to the SEWD Drinking Water Treatment Plant in dry years (1192.5 acre-feet per year).
Primary	Water Storage -- Groundwater-Water Quality Improvement	0	Increasing groundwater levels through the implementation of the Proposal and consistent with the Eastern San Joaquin Integrated Conjunctive Use Program will slow the intrusion of saline groundwater from the west.
Primary	Water Storage -- Groundwater-Recharge area developed	2680	Development of 35 Acre Recharge Site with a capacity to recharge approximately 2680 acre-feet per year.

**Budget**

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	226858
Amount Requested	1149644
Total Project Cost	1376502

**Geographic Information**

Latitude DD(+/-)	37	MM 57	SS 57
Longitude DD(+/-)	-121	MM 12	SS 30
Longitude/Latitude Clarification	Location		Eastern San Joaquin

County	San Joaquin
Ground Water Basin	San Joaquin Valley-Eastern San Joaquin
Hydrologic Region	San Joaquin
WaterShed	North Valley Floor, San Joaquin Valley Flo

### Legislative Information

Assembly District	10th Assembly District,15th Assembly District,17th Assembly District,26th Assembly District
Senate District	5th Senate District,14th Senate District
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## Section : Applicant Information and Question's Tab

### APPLICANT INFORMATION AND QUESTION'S TAB

#### 01. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types. Please note which projects, if any, directly address a critical water supply or water quality issue for a DAC or Native American Tribal communities.

The Northeastern San Joaquin County Groundwater Banking Authority (GBA) proposes an IRWM Implementation Package which includes the following projects: 1.) City of Stockton - High Efficiency Toilet Direct Installation Phase II – Program Expansion to Residential Customers (HET Residential Program) and 2.) Stockton East Water District – 35 Acre Recharge Pond and Conjunctive Use Project (35 Acre Recharge Project). The proposal is being submitted on behalf of the City of Stockton and the Stockton East Water District. The goal of for the City of Stockton - High Efficiency Toilet Direct Installation Program Phase II – Expansion to Residential Customers (HET Residential Program) is to tier from the current HET Direct Installation and Rebate Program for Commercial, Industrial, and Institutional Customers (CII) into the residential customer sector. Residences built prior to 1992, when new development units were required to install low flush toilets, and households considered “disadvantaged” will be considered priority HET Residential Program targets. Numeric objectives for HET Installations are 400 units total with a target “disadvantaged” Het installation target of 15%. The total projected water savings is expected to be 22.4 acre-feet per year as calculated using the methodology prescribed by the California Urban Water Conservation Council. At this time, the HET Residential Program will be limited to the City of Stockton Municipal Utilities Department Water Service Area with potential expansion into other urban water service areas the Eastern San Joaquin Region in the future. The objective of the City of Stockton - High Efficiency Toilet Direct Installation Program Phase II – Expansion to Residential Customers (HET Residential Program) is to meet projected 2030 urban demand targets as proposed in the adopted GBA IRWMP and the requirements of the SBx7-7 to reduce per capita water use by 20 percent by 2020. Additionally, the proposed program will feature a concerted effort to involve areas or households that considered as “disadvantaged”. The proposal includes sub-tasks specific to the purpose of increased involvement of DACs and DAC Representatives. The goal of the SEWD 35 Acre Recharge Project is an opportunity to convert approximately 35 underutilized acres, located at the SEWD Dr. Joe Waidhofer Drinking Water Treatment Plant property, into to active groundwater recharge ponds similar to existing ponds in operation at the site. Current uses of the 35 acres include equipment storage, onsite drainage overflow, and stockpiling. Recharge water sources include raw water delivered to the site from the existing Bellota Pipeline from the Calaveras River, Peters Pipeline from the Stanislaus River via the Lower Farmington Canal, treatment plant filter backwash, and onsite drainage. Construction activities include construction of berms for recharge cells, onsite pipelines, valves, meters and other measuring equipment, and other construction management costs. The effective active recharge area will be approximately 20-acres and will be able to recharge up to 2,680 acre-feet per year. In dry years, two existing recovery wells will be able to pump stored groundwater back to the raw water sedimentation ponds of the SEWD Water Treatment Plant prior for treatment and delivery to the City of Stockton Metropolitan Area. The operating scenario proposed would provide up to 1193 acre-feet to the Stockton Urban Area in dry years.

#### 02. 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.

Mel Lytle, Ph.D. Water Resources Coordinator San Joaquin County Department of Public Works PO Box 1810 1810 E. Hazelton Ave Stockton, CA 95201  
209.468.3089 209.468.2999 fax mlytle@sjgov.org

#### 03. PROJECT MANAGEMENT

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.

Brandon Nakagawa, P.E. Senior Civil Engineer San Joaquin County Public Works Water Resources/Stormwater Management PO Box 1810 Stockton, CA 95201 209.953.7460 209.468.2999 fax bnakagawa@sjgov.org

#### 04. APPLICANT INFORMATION

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

Northeastern San Joaquin County Groundwater Banking Authority PO Box 1810 Stockton, CA 95201 209.468.3089 209.468.2999 fax

#### 05. ADDITIONAL INFORAMTION

Provide the funding area(s) in which projects are located.

[http://www.water.ca.gov/irwm/integregio\\_fundingarea.cfm](http://www.water.ca.gov/irwm/integregio_fundingarea.cfm)

San Joaquin River

#### 06. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

[http://www.waterboards.ca.gov/waterboards\\_map.shtml](http://www.waterboards.ca.gov/waterboards_map.shtml)

## Central Valley RWQCB (5S)

**Q7. ELIGIBILITY**

Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. If your matching funds are less than 25%, please explain.

N/A

**Q8. ELIGIBILITY**

Does the application represent a single application from an IRWM Region approved in the RAP (see Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain.

Yes, Eastern San Joaquin Region

**Q9. ELIGIBILITY**

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?

- a) Yes
- b) No

**Q10. ELIGIBILITY**

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12.

City of Stockton and Stockton East Water District

**Q11. ELIGIBILITY**

Have all of the urban water suppliers, listed in Q10 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q10, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Yes

**Q12. ELIGIBILITY**

Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Yes

**Q13. ELIGIBILITY**

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Yes, Stockton East Water District – 35 Acre Recharge Pond and Conjunctive Use Project (35 Acre Recharge Project).

**Q14. ELIGIBILITY**

For the agency(ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

Yes, SEWD participated in the development of the GBA GWMP, which was developed in accordance with CWC §10753 and was adopted by the GBA Board of Directors on September 22, 2004. Subsequently, the SEWD Board of Directors adopted the GBA GWMP in 2006.

**Q15. ELIGIBILITY**

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

No, the Eastern San Joaquin Region does not currently receive water from the Sacramento-San Joaquin Delta. Limited surface water supplies are diverted upstream on the Calaveras, Stanislaus, and Mokelumne Rivers which are tributary to the San Joaquin River. The Delta Water Supply project is currently being built and is set to be online in 2012. Phase I of the Delta Water Supply Project could divert and treat to drinking water standards up to 33,600 acre-feet per year from the San Joaquin River in the Central Delta.

**Q16. ELIGIBILITY**

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

No, the existing IRWMP includes both Phase I and Phase II of the Delta Water Supply Project which seeks to divert an additional 33,000 acre-feet per year from the Delta.

**Q17. ELIGIBILITY**

If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

No, the existing IRWMP includes both Phase I and Phase II of the Delta Water Supply Project which seeks to divert an additional 33,000 acre-feet per year from the Delta. There has been no indication to date that Phase II of the Delta Water Supply project will not move forward. The GBAIRWMP Update will

build from the 2007 IRWMP.

## Section : Application Attachments Tab

### APPLICATION ATTACHMENTS TAB

#### A1. ATTACHMENT 1

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att1\_IG1\_GBA\_Eligible\_zip.zip

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments:

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

#### A2. ATTACHMENT 2

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att2\_IG1\_GBA\_Adopt\_1of1.pdf

Upload additional Proof of Formal Adoption documentation here.

#### A3. ATTACHMENT 3

Upload the Work Plan here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att3\_IG1\_GBA\_WorkPlan\_zip.zip

#### A4. ATTACHMENT 4

Upload the Budget here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att4\_IG1\_GBA\_Budget\_1of1.pdf

Upload additional budget components here.

#### A5. ATTACHMENT 5

Upload the Schedule here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att5\_IG1\_GBA\_Schedule\_1of1.pdf

Upload additional schedule components here.

#### A6. ATTACHMENT 6

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att6\_IG1\_GBA\_Measures\_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here.

**A7. ATTACHMENT 7**

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Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att7\_IG1\_GBA\_WSBen\_1of1.pdf

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Last Uploaded Attachments: Att8\_IG1\_GBA\_WQOtherBen\_zip.zip

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

Upload additional Economic Analysis - Water Supply Costs and Benefits documentation here.

**Section : Application Attachments Tab (cont)**

APPLICATION ATTACHMENTS TAB (CONT)

**A9. ATTACHMENT 9**

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Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

**A10. ATTACHMENT 10**

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Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att10\_IG1\_GBA\_BSummary\_1of1.pdf

Upload additional Costs and Benefits Summary documentation here.

**A11. ATTACHMENT 11**

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Upload Program Preference documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att11\_IG1\_GBA\_Preference\_1of1.pdf

Upload additional Program Preference documentation here.

**A12. ATTACHMENT 12**

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Upload Disadvantaged Community Assistance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Att12\_IG1\_GBA\_DAC\_zip.zip

Upload additional Disadvantaged Community Assistance documentation here.

**A13. ATTACHMENT 13**

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Upload AB 1420 and Water Meter Compliance documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin).

Last Uploaded Attachments: att13\_IG1\_GBA\_AB1420\_1of1.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

Last Uploaded Attachments: Att14\_IG1\_GBA\_Consent\_1of1.pdf

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional AB 1420 and Water Meter Compliance documentation here.

Upload additional Consent Form documentation here.

**A15. ATTACHMENT 15**

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Upload IRWM Plan - Reduce Delta Water Dependence documentation here. Ensure file name is consistent with section V of the Implementation Grant PSP (disregard the 5 digit pin). For the "AttachmentName" in the naming convention of BMS, use "Delta" for this attachment.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

Upload additional IRWM Plan - Reduce Delta Water Dependence documentation here.

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