

Proposal Full View

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Applicant Information

Organization Name *

Tax ID **953676106**

Proposal Name Kern IRWM Group Implementation Grant *

Proposal Objective
 The Proposal contains five (5) projects, based on water management strategies identified in the Kern IRWM Plan, from four (4) of the subregions. The projects include: (1) Urban Bakersfield Water Use Efficiency Project and (2) Tehachapi Regional Water Use Efficiency Project – These projects promote conservation for residential, commercial and municipal customers through rebates, retrofits and education with the primary goal of meeting the Kern IRWM Plan objective of implementing cost effective water use efficiency programs. (3) Snyder Well Intertie Pipeline for Irrigation and Nitrate Removal - This project will benefit a DAC by connecting a City of Tehachapi well that produces groundwater with high nitrate concentrations to TCCWD's raw water pipeline system to deliver non-potable water for irrigation of nearby school athletic fields as well as crops. This will decrease water demands on the City's system and provide a beneficial use for the nitrate-laden groundwater (removing high nitrate groundwater from the aquifer). The project's primary goal is to meet the IRWMP objective of maximizing use of lesser quality water for appropriate uses. (4) Kern Water Bank Recharge and Recovery Enhancement Project - This project represents continued improvements in the investments the Authority has made in groundwater banking programs, in particular to increase the capacity to take advantage of available wet year water supplies and store them for recovery in later dry periods. This project meets the objective of increasing water supply. (5) Sycamore Road Flood Reduction Project - This project will benefit a DAC by constructing sub-surface stormwater and flood water infrastructure in an area that experiences flooding on an annual basis. The project meets the objective of implementing flood management projects to protect vulnerable areas. *

Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$1,274,991.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$1,274,991.00"/>
Amount Requested	<input type="text" value="\$7,876,872.00"/> *
Total Project Cost	<input type="text" value="\$9,151,863.00"/> *

Geographic Information

Latitude *

Longitude *

Longitude/Latitude Clarification N/A Location The approximate center of the Kern IRWM Region is located in the City of Bakersfield.

County Kern (portion of) *
 Ground Water Basin Brite Valley,Cummings Valley,San Joaquin Valley-Kern County,Tehachapi Valley East,Tehachapi Valley West
 Hydrologic Region South Lahontan,Tulare Lake
 Watershed South Valley Floor (115 7557), Grapevine (114 7556)

Legislative Information

Assembly District 32nd Assembly District,34th Assembly District *
 Senate District 16th Senate District,18th Senate District *
 US Congressional District District 21 (CA),District 23 (CA) *

Project Information

Project Name

Implementing Organization	
Secondary Implementing Organization	City of Arvin (Primary Implementing Organization)
Proposed Start Date	10/1/2013
Proposed End Date	9/1/2015
Project Scope	Construction of storm drainage facilities & basin to convey & retain stormwater that currently floods areas along Sycamore Rd
	Historically, flooding along Sycamore Road and adjacent areas in the City of Arvin has occurred on an annual basis due to the lack of adequate surface stormwater drainage capacity along Sycamore Road. This causes the stormwater to pool at lower lying elevations causing significant problems to the City's residents and City staff that try to mitigate the problem. In certain large storm events (e.g. 50 and 100

Project Description	<p>year return interval), flooding threatens to damage up to 30 homes at lower lying elevations. Approximately 275 acres of existing commercial and residential properties within the City of Arvin lack adequate stormwater drainage facilities. These areas currently drain to existing undersized retention basins or surface drain to the edge of the City, which results in the accumulation of stormwater and localized flooding. The Project will consist of the construction of approximately 2.4 miles of reinforced concrete pipe, approximately 31 manholes, 8 catch basins, and a 36 AF stormwater retention basin. The facilities will convey stormwater that currently floods areas along Sycamore Road and other minor tributary roads to the proposed regional stormwater retention basin. The Project will eliminate flooding from most storm events. The Project will benefit a severely disadvantaged community, improving safety and well-being it the City's resident, reducing the risk of property damage and lower property values, and increase the vehicular and pedestrian accessibility.</p>
Project Objective	<p>The objective of the Sycamore Flood Damage Reduction Project is to reduce the risk of damage to property and life safety concerns. Secondary to these issues, the Project improves accessibility, decreases costs associated with City resources, improves property values, and increases the life of the pavement.</p>
Project Benefits Information	

Project Objective

Budget

Other Contribution	0
Local Contribution	61197
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3796326
Total Project Cost	3857523

Geographic Information

Latitude DD(+/-)	35	MM 11	SS 40
Longitude DD(+/-)	118	MM 49	SS 25
Longitude/Latitude Clarification	Western extent of	Location	Southern portion of the City of Arvin along Syc
County Kern Ground Water Basin San Joaquin Valley-Kern County Hydrologic Region Tulare Lake WaterShed			
South Valley Floor (115 7557)			

Legislative Information

Assembly District	32nd Assembly District
Senate District	16th Senate District
US Congressional District	District 21 (CA)

Project Information

Project Name	Urban Bakersfield Water Conservation Project
Implementing Organization	Kern County Water Agency Improvement District No. 4
Secondary Implementing Organization	City of Bakersfield
Proposed Start Date	3/3/2014
Proposed End Date	12/3/2016
Project Scope	Program promotes conservation for residential, commercial and municipal customers through rebates, retrofits and education.
Project Description	<p>This project represents the initiation of integrated programs, as well as the continuation of existing efforts, to bring the Greater Bakersfield subregion, which contains the Kern IRWM Region's largest urban areas, into compliance with AB 1420 and SBX7-7. The Project offers high-efficiency devices and promotes best water conservation practices to improve indoor and outdoor water use efficiency of the City's residential, commercial and municipal customers. There are three programs included in this Project : 1) A Municipal Irrigation Controller Program which will build on existing City efforts to improve the irrigation efficiency of its parks by installing evapotranspiration based automated central controller systems. 18 parks will be retrofit and brought on line in this effort. 2) A Residential and Commercial Conservation Incentive Program which will extend Cal Water's indoor and outdoor, commercial and residential, rebates, vouchers and audits to the City's customers which have not had access to efficiency incentives to date. 3) An Education Program which will extend the wholesaler's education efforts to include high schools (Grades 7 through 12), develop a high school curriculum and</p>

	implement teacher training events.
Project Objective	The primary goal of the Project is to reduce potable water demand by approximately 169 AF annually and 2,800 AF over the lifespan of the program's measures by implementing water-efficiency incentives and educational programs. Improving water use efficiency and reducing wasteful water use practices will help agencies address the statewide conservation initiatives, SBX7-7 and AB1420, and help the City fulfill its requirements of reducing per capita water use to 256 gpcd by 2020.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	212533
Federal Contribution	0
Inkind Contribution	0
Amount Requested	624157
Total Project Cost	836690

Geographic Information

Latitude DD(+/-)	35	MM 1	SS 59
Longitude DD(+/-)	119	MM 0	SS 0
Longitude/Latitude Clarification	Approximate center of Bakersfield, Kern County, California		
County	Kern		
Ground Water Basin	San Joaquin Valley-Kern County Hydrologic Region		
Tulare Lake WaterShed	South Valley Floor (1157557)		
Location	City of Bakersfield Metropolitan area, including Kern County Water Agency Improvements		

Legislative Information

Assembly District	32nd Assembly District, 34th Assembly District
Senate District	16th Senate District, 18th Senate District
US Congressional District	District 21 (CA), District 23 (CA)

Project Information

Project Name	Tehachapi Regional Water Use Efficiency Project
Implementing Organization	Tehachapi-Cummings County Water District
Secondary Implementing Organization	City of Tehachapi, Golden Hills Community Services District (CSD), Stallion Springs CSD, Bear Valley CSD
Proposed Start Date	3/1/2014
Proposed End Date	3/1/2017
Project Scope	To reduce demand in the TCCWD service area through toilet rebates, free toilet installations and site audits in the DAC area.
Project Description	The proposed Tehachapi Regional Water Use Efficiency Project will reduce indoor water demand in the Tehachapi-Cummings County Water District service area. The area includes four retail water purveyors: Golden Hills CSD, Stallion Springs CSD, Bear Valley CSD and the City of Tehachapi. The Project represents initiation of water conservation programs to bring the urbanized areas of the Mountains/Foothills subregion into compliance with a variety of state initiatives. It will benefit a disadvantaged community (DAC) by implementing a program for directly installing, free of charge, residential and commercial conservation fixtures, that exceed current and upcoming State requirements, in the City of Tehachapi. The project also provides rebates for efficient toilets for the entire region. Individually, the water purveyors are relatively small—less than 3,000 connections each—and have limited resources to implement, administer, promote and monitor a program. This Project, administered and implemented regionally by TCCWD allows project participants to participate in water use efficiency programs in a way that is reasonable for agencies of that size, while contributing to regional water conservation through collaboration with other agencies. The Project is designed to reduce consumption and assist in meeting state SBX7-7 regulatory requirements. The participating agencies have agreed to set the SBX7-7 baseline and conservation targets as a regional alliance.
Project Objective	The primary goal of the Project is to reduce potable water demand by about 109 AF/year (2,775 AF over the lifespan of the devices) through the replacement of inefficient toilets with high and ultra-high efficiency models. The project serves a DAC and provides a pathway for small agencies to implement conservation programs and meet State requirements.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	70888
Federal Contribution	0
Inkind Contribution	0
Amount Requested	679112
Total Project Cost	750000

Geographic Information

Latitude DD(+/-)	35	MM 6	SS 58
Longitude DD(+/-)	118	MM 32	SS 31

Longitude/Latitude Clarification Latitude/Longitude provided is the approximate Location Located in the Tehachapi Mountains between the County Kern Ground Water Basin Bear Valley,Brite Valley,Cummings Valley,Tehachapi Valley East,Tehachapi Valley West Hydrologic Region South Lahontan,Tulare Lake WaterShed South Valley Floor (115 7557), Grapevine (114 7556)

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 23 (CA)

Project Information

Project Name	Kern Water Bank Recharge and Recovery Enh
Implementing Organization	Kern Water Bank Authority
Secondary Implementing Organization	None
Proposed Start Date	10/1/2013
Proposed End Date	7/1/2015
Project Scope	Design and construction of two new recharge ponds, three new wells and associated facilities in the Kern Water Bank.
Project Description	The proposed Project consists of the design and construction within the Kern Water Bank of approximately 189 net new acres of recharge ponds fed from the Cross Valley Canal, Kern Water Bank Canal, and/or Kern River via existing turnouts, pipelines, ditches, and ponds, three new recovery wells in various locations, approximately 1.7 miles of 15 inch diameter recovery pipelines from the new wells, and associated facilities (pumps and electric motors in the wells, power supply and controls fed from existing power lines, pump discharges, and pipeline discharges to existing larger recovery facilities). Recovery pipelines return previously banked water to the Kern Water Bank Canal. This allows return of banked water to Kern Water Bank Members via existing connection to the California Aqueduct and existing operational exchange agreements.
Project Objective	The primary goal is to enhance the Kern Water Bank's recharge capacity by approximately 1,730 AF per month and recovery capacity by approximately 910 AF per month; thus increasing dry period supplies for participants by approximately 75,160 AF over 50 years (about 1,500 AF per year), and approximately 127,000 AF stored after 50 years. Operational flexibility, improved groundwater quality, reduced flooding, and incidental improvements to intermittent wetland habitat are also expected.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	770509
Federal Contribution	0
Inkind Contribution	0
Amount Requested	2311278

Total Project Cost

Geographic Information

Latitude DD(+/-)
 Longitude DD(+/-)
 Longitude/Latitude Clarification Location
 County Kern Ground Water Basin San Joaquin Valley-Kern County Hydrologic Region Tulare Lake WaterShed
 South Valley Floor (115 7557)

Legislative Information

Assembly District	32nd Assembly District,34th Assembly District
Senate District	16th Senate District,18th Senate District
US Congressional District	District 21 (CA),District 23 (CA)

Project Information

Project Name	Snyder Well Intertie Pipeline for Irrigation and f
Implementing Organization	City of Tehachapi
Secondary Implementing Organization	Tehachapi-Cummings County Water District
Proposed Start Date	1/1/2014
Proposed End Date	1/1/2015
Project Scope	Construction of 3,300 feet of pipe that will connect the Snyder Well with the existing TCCWD raw water pipeline system.
Project Description	Prior to 2005, the City of Tehachapi used the Snyder Well as a potable water supply source. Nitrate levels from the well began to exceed the maximum contaminant level and the well was placed on standby with the construction of additional wells. The Snyder Well Intertie Pipeline will connect the well to the TCCWD raw water pipeline system that delivers SWP water to agricultural water users. TCCWD will have the flexibility to either irrigate athletic fields using SWP from the TCCWD pipeline or the non-potable water produced by the Snyder Well. The project will also provide TCCWD with the flexibility of extracting conjunctive use water at the Snyder Well, which offers two advantages over their other extraction wells: 1) the nitrate in the water produced by the Snyder Well is beneficial for crop irrigation, and 2) extracting high nitrate groundwater from underneath the City could, over time, reduce the nitrate levels in the underlying groundwater. Water pumped from the Snyder well by TCCWD would provide additional conjunctive use extraction capacity that may be needed during drought years when the allocation of SWP water is reduced, and would not count against the City's Tehachapi Basin allocation.
Project Objective	To utilize non-potable water from the Snyder well or SWP water for irrigation of turf on athletic fields as well as crops. This will offset potable water demand that would otherwise have to be satisfied from the City's other potable wells. Also, the athletic fields and crops will utilize the nitrogen contained in the water to reduce the amount of fertilizer applied. Through this project, nitrates are removed from the groundwater aquifer and applied to uses where they are a benefit.

Project Benefits Information

Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="159865"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="466000"/>
Total Project Cost	<input type="text" value="625865"/>

Geographic Information

Latitude DD(+/-)
 Longitude DD(+/-)
 Longitude/Latitude Clarification Location
 County Kern Ground Water Basin Tehachapi Valley East,Tehachapi Valley West Hydrologic Region South Lahontan,Tulare Lake WaterShed
 Grapevine (114 7556)

Legislative Information

Assembly District	34th Assembly District
Senate District	18th Senate District
US Congressional District	District 23 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

01. PROPOSAL DESCRIPTION

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

Kern IRWM Group has selected five projects that will help meet the regions objectives. These projects provide many benefits including increasing water supply and reliabil increasing water conservation, improving operational efficiency, promoting resource stewardship, improving water quality, providing flood control, and helping to meet the ci water supply and water quality needs of two disadvantaged communities. The projects include: 1) Urban Bakersfield Water Use Efficiency Project: The project offers high efficiency devices and promotes best water conservation practices to improve indoor and outdoor water use efficiency of the Citys residential, commercial and municipal customers. The primary goal of the Project is to reduce potable water demand by implementing water-efficiency incentives and educational programs. 2) Tehachapi Region Water Use Efficiency Project: The proposed project will reduce indoor water demand in the Tehachapi-Cummings County Water District service area. The project represer initiation of water conservation programs to bring the urbanized areas of the Tehachapi area into compliance with a variety of state initiatives. It will benefit a disadvantag community (the City of Tehachapi, a DAC) by implementing a program for directly installing, free of charge, residential and commercial conservation fixtures that exceed cu and upcoming State requirements, in the City of Tehachapi. The project also provides rebates for efficient toilets for the entire region. 3) Snyder Well Intertie Pipeline for Irrig and Nitrate Removal: This project will connect a City of Tehachapi well that produces groundwater with high nitrate concentrations to TCCWD?s raw water pipeline system deliver non-potable water for irrigation of nearby school athletic fields as well as crops, thereby decreasing water demands on the City?s water system. The nitrate in the wa produced by the Snyder Well is beneficial for crop irrigation; by extracting high nitrate groundwater from the aquifer, the nitrate levels in the underlying groundwater may de over time. Water pumped from the Snyder well by TCCWD would provide additional conjunctive use extraction capacity that may be needed during drought years when ti allocation of SWP water is reduced. This project addresses a critical water supply need for the DAC. 4) Kern Water Bank Recharge and Recovery Enhancement Project: T proposed Project consists of the design and construction within the Kern Water Bank of approximately 189 net new acres of recharge, three new recovery wells in variou locations, recovery pipelines from the new wells, and associated facilities. Recovery pipelines will return previously banked water to the Kern Water Bank Canal. This allo return of banked water to Kern Water Bank Members via existing connection to the California Aqueduct and existing operational exchange agreements. The primary goal is enhance the Kern Water Banks recharge capacity and recovery capacity; thus increasing dry period supplies for participants. 5) Sycamore Road Flood Reduction Project: Flo along Sycamore Road and adjacent areas in the City of Arvin has occurred on an annual basis due to the lack of adequate surface stormwater drainage capacity along Sycarr Road. In certain large storm events (e.g. 50 and 100 year return interval), flooding threatens to damage and threaten the habitability of up to 30 homes at lower lying elevatic The proposed project will consist of the construction of an underground storm drainage system and a regional stormwater retention basin. The Project will eliminate flooding most storm events and reduce flood damage for large storm events. Additionally, the project will benefit a severely disadvantaged community and address the critical water q need of management of flood flows that threaten the habitability of dwellings.

02. PROJECT DIRECTOR

Provide the name and details 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.

John Martin, General Manager, Tehachapi-Cummings County Water District

03. PROJECT MANAGEMENT

Provide the name and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

John Martin, General Manager, Tehachapi-Cummings County Water District

04. APPLICANT INFORMATION

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

Tehachapi Cummings County Water District P.O. Box 326 Tehachapi, CA 93581

05. ADDITIONAL INFORMATION

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

Visit the following website to locate the IRWM funding area(s).

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

Tulare/Kern Funding Area

06. DAC WAIVER COST SHARE REQUEST:

Are you applying for a DAC cost share waiver? If yes, complete attachment 10.

Yes

07. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S) (RWQCB)

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.

Visit the following website to find the RWQCB for a particular location:

http://www.waterboards.ca.gov/waterboards_map.shtml

Central Valley RWQCB (5F) Lahontan RWQCB (6V) The eastern portions of the TCCWD and the City of Tehachapi extend into the Lahontan region.

Q8. ELIGIBILITY

The Implementation Grant Program 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 E of this PSP. Are your matching funds less than 25%? If so, please explain.

The Kern IRWM Group Implementation Grant Proposal includes five projects with two agencies, the City of Arvin and TCCWD, requesting a DAC cost share waiver. The City of Arvin is requesting a waiver for the entire cost of the project, minus a small cost share for work that has been completed to date. TCCWD is requesting a cost share waiver for a portion of its water use efficiency project that directly benefits the City of Tehachapi, a DAC. The five projects propose to provide the following cost share percentages: Upland Bakersfield Water Use Efficiency Project = 25.4%; Tehachapi Regional Water Use Efficiency Project = 9.5%; Snyder Well Intertie Pipeline = 25.5%; Kern Water Bank Recharge and Recover Enchantment Project = 25.0%; Sycamore Road Flood Reduction Project = 1.6%. The overall percent funding match for these five projects is 13.9%. Excluding a portion of the DAC funding match waiver, the percent funding match becomes 26.2%.

Q9. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP? To verify, see RAP website: <http://www.water.ca.gov/irwm/grants/rap.cfm> If yes, include the name of the IRWM Region. If no, please explain.

Yes. Tulare Lake Basin Portion of Kern County (Kern) IRWM Region.

Q10. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

Tehachapi-Cummings County Water District is a local public agency as defined in the 2012 Guidelines.

Q11. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 11. Answer "NA", if there are no urban water suppliers that will receive funding from the proposed grant.

Kern County Water Agency Improvement District No. 4, David Beard, Manager, (661) 634-1493, dbeard@kcwa.com City of Bakersfield, Jason Meadors, Water Resource Director, (661) 326-3715, jmeadors@bakersfieldcity.us

Q12. ELIGIBILITY

Have all of the urban water suppliers, listed in Q11 above, submitted complete Urban Water Management Plans (UWMPs), to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP.

Answer "NA" if no urban water supplier identified in Q11 above.

The Kern County Water Agency Improvement District No. 4 (KCWA ID4) submitted its 2010 UWMP in June 2011. In correspondence dated March 4, 2013, DWR notified KCWA the ID4 2010 UWMP update addressed the requirements set forth in the California Water Code. The City of Bakersfield is currently working on its 2010 Urban Water Management Plan update. The City plans to have the UWMP adopted by June 2013. The 2010 UWMP update will include both the City's wholesale and retail water systems. City will work closely with the DWR in the next couple of months and will send the complete draft copy to DWR for review and comment within a month. City staff anticipate that the City's Water Board will hold a public hearing for the adoption of the 2010 UWMP at the Board's May 8, 2013 meeting. It should be noted that TCCWD, Golden Hill CSD, Stallion Springs CSD, Bear Valley CSD, and the City of Tehachapi conjunctively prepared the 2010 Tehachapi Regional Urban Water Management Plan that was submitted to DWR for review on July 27, 2011. However, none of the participating agencies were required to submit an UWMP, as none of them serve 3,000 or more connections, nor do they supply 3,000 or more acre-feet of water per year for urban uses.

Q13. ELIGIBILITY

Have any urban water suppliers, listed in Q11, submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after January 1, 2013? 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 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q11 above.

ID4 provides a wholesale treated water supply to four customers, California Water Service Company, City of Bakersfield, East Niles Community Services Department and Niles of the River Municipal Water District. ID4 is a signatory to the California Urban Water Conservation Council (CUWCC) Memorandum of Understanding and implements Urban Water Management Practices (BMPs) as a wholesale water agency. On July 19, 2011, CUWCC notified KCWA that information submitted regarding BMP implementation showed to be on-track and in compliance with the wholesale water agency BMPs. The City of Bakersfield is not currently a member of CUWCC. However, as part of this Proposal, the City is submitting the required AB1420 self-certification forms. With the assistance of this grant, the City will implement all of the required Demand Management Measures (DMMs) as determined in its 2010 UWMP, which the City should adopt by June 2013.

Q14. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Project: Snyder Well Intertie Pipeline; Implementing Agency: City of Tehachapi, TCCWD Project: Kern Water Bank Recharge and Recover Enchantment Project; Implementing Agency: Kern Water Bank Authority

Q15. ELIGIBILITY

For the agency(ies) listed in Q14, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section IIIB of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

The City of Tehachapi obtains its groundwater supply from the Tehachapi Basin, which is an adjudicated groundwater basin. TCCWD is the court designated Watermaster for the Tehachapi Basin (as well as the adjacent Brite and Cummings Basins), which is an adjudicated groundwater basin under California Superior Court Order. Since the groundwater basin is managed pursuant to court judgments, no additional groundwater management plans are required as AB 3030 allows for this type of alternative structure for management of groundwater basins (Water Code Sections 10750 to 10756). The Kern Water Bank Authority operates under a comprehensive and detailed groundwater management program that is spelled out in its Memorandum of Understanding Regarding Operation and Monitoring of the Kern Water Bank Groundwater Banking Program? (MOU) entered into on October 26th 1995. This program qualifies as an equivalent plan that meets the requirements of CWC §10753.

Q16. ELIGIBILITY

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

Yes.

Q17. 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 13.

Yes.

Q18. ELIGIBILITY

If an update to the IRWM plan will take 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 13.

Yes.

Q19. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

None TCCWD is not an Agricultural Water Supplier as defined in SBx7-7, nor as defined in the California Code of Regulations for the purpose of Agricultural Water Measurement as shown below because TCCWD does not provide water to 10,000 or more irrigated acres. The other implementing agencies included in this Proposal do not irrigate agricultural lands.

Q20. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q19 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date. Answer "NA" if no agricultural water suppliers identified in Q19 above.

N/A

Q21. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

City of Bakersfield Jason Meadors, Water Resources Director (661) 326-3715, jmeadors@bakersfieldcity.us

Q22. ELIGIBILITY

Have all of the surface water diverters, listed in Q21 above, submitted to the State Water Resources Control Board surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no surface water diverters identified in Q21 above.

The City of Bakersfield Water Resources Department submitted its Supplemental Statement of Water Diversion and Use for 2008, 2009, and 2010. This report was submitted to the State Water Resources Control Board, Division of Water Rights via electronic reporting on March 16, 2011. The next report for 2011, 2012, and 2013 will be submitted in 2014. The City regularly submits these reports to the State. Regarding compliance with Surface Water Diversion Reporting, the other implementing agencies are exempt, because they do not divert surface water. They receive water diverted from various surface water sources by other agencies that would be subject to compliance. That diverted water is subsequently conveyed and sold to these implementing agencies by other agencies as detailed below, with diverting agency underlined. The applicable implementing agency receiving this surface water are shown in parentheses. 1) State Water Project Water is diverted from the Delta by DWR and delivered by DWR in SWP facilities, principally California Aqueduct. (KCWA ID4, KWB, TCCWD) 2) Kern River Water is diverted from the Kern River by the City of Bakersfield. (KCWA ID4, KWB) 3) Friant CVP Water is diverted from the San Joaquin River by the USBR at Millerton Lake and delivered via the USBRs Friant-Kern Canal to the Cross Valley Canal or Kern River. (KCWA ID4, KWB) 4) Flood waters from other eastside Rivers (Kings, Kaweah, and Tule) that would otherwise flood Tulare Lake bed, are diverted from those rivers by Reclamation District 770 into the Friant-Kern Canal, and follow the same pathways described in item 3). (KCWA ID4, KWB) 5) Westside CVP Section 215 and other floodwaters entering the Delta are diverted by the USBR at the Delta and delivered via the San Luis Canal/California Aqueduct. (KCWA ID4, KWB).

Q23. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

1. Kern County Water Agency Improvement District No. 4, David Beard, Manager, (661) 634-1493, dbeard@kcwa.com 2. City of Bakersfield, Jason Meadors, Water Resources Director, (661) 326-3715, jmeadors@bakersfieldcity.us, 3. Tehachapi-Cummings County Water District, John Martin, General Manager, (661) 822-5504, jmartin@tccwd.com 4. City of Tehachapi, Jay Schlosser, City Engineer, (661) 822-2200, jschlosser@tehachapicityhall.com, 5. Kern Water Bank Authority, Jon Parker, General Manager, (661) 398-2200, jparker@kwb.org

Q24. ELIGIBILITY

Have all of the groundwater users, listed in Q23 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users identified in Q23 above.

KCWA ID4 (and the City of Bakersfield) ID4 has met all of the requirements of the CASGEM Program and is listed as a designated monitoring entity for its service area. The KWBA application is pending the amendment of our Joint Powers Authority agreement. DWR requested this change a few months ago. We expect to have the amendment approved at our April board meeting. We have been providing data for the last year. TCCWD (and the City of Tehachapi) TCCWD began participating in the CASGEM Program in December 2010. TCCWD submitted the District's Administrator and Contributors in January 2011. TCCWD was granted status as a Conditional Monitoring Agency in January 2012. TCCWD has been working with the CASGEM staff to complete the Monitoring Plan, Maps and Well Data Information. There have been challenges with both the CASGEM website and the State well numbering information that has kept TCCWD from completing these tasks. TCCWD will complete the CASGEM process and be in full compliance with the CASGEM program before the grant award. TCCWD will update the well data (beginning in the fall of 2011) as soon as the CASGEM database can accommodate the data. TCCWD will cover the following four basins: Cummings Valley Basin (5-27), Tehachapi Valley West Basin (5-28), Brite Valley Basin (5-80), and Tehachapi Valley East Basin (6-45).

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload authorization and eligibility documentation here. This field is mandatory.

Last Uploaded Attachments: Att1_IG2_Eligible_1of4.pdf

Upload additional authorization and eligibility documentation here, if necessary.

Last Uploaded Attachments: Att1_IG2_Eligible_2of4.PDF,Att1_IG2_Eligible_3of4.PDF,Att1_IG2_Eligible_4of4.PDF

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload adopted plan and proof of formal adoption documentation here. This field is mandatory.

Last Uploaded Attachments: Att2_IG2_Adopt_1of2.pdf

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

Last Uploaded Attachments: Att2_IG2_Adopt_2of2.PDF

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

ATTACHMENT 3: WORK PLAN

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload work plan documentation here. This field is mandatory.

Last Uploaded Attachments: Att3_IG2_Workplan_1of3.pdf,Att3_IG2_Workplan_2of3.PDF,Att3_IG2_Workplan_3of3.PDF

Upload additional work plan components here, if necessary.

ATTACHMENT 4: BUDGET

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload budget documentation here. This field is mandatory.

Last Uploaded Attachments: Att4_IG2_Budget_1of2.pdf,Att4_IG2_Budget_2of2.PDF

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

ATTACHMENT 5: SCHEDULE

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload schedule documentation here. This field is mandatory.

Last Uploaded Attachments: Att5_IG2_Schedule_1of1.pdf

Upload additional schedule components here, if necessary.

Upload additional schedule components here, if necessary.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload monitoring, assessment, and performance measures documentation here. This field is mandatory.

Last Uploaded Attachments: Att6_IG2_Measures_1of1.pdf

Upload additional monitoring, assessment, and performance measures here, if necessary.

Upload additional monitoring, assessment, and performance measures here, if necessary.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECT PHYSICAL BENEFITS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload technical justification of project physical benefits documentation here. This field is mandatory.

Last Uploaded Attachments: Att7_IG2_TechJust_1of2.pdf, Att7_IG2_TechJust_2of2.PDF

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload benefits and cost analysis documentation here. This field is mandatory.

Last Uploaded Attachments: Att8_IG2_BenCost_1of2.pdf, Att8_IG2_BenCost_2of2.PDF

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

ATTACHMENT 9: PROGRAM PREFERENCES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload program preferences documentation here. This field is mandatory.

Last Uploaded Attachments: Att9_IG2_Preference_1of1.pdf

Upload additional program preferences documentation here, if necessary.

ATTACHMENT 10: DISADVANTAGED COMMUNITY ASSISTANCE

This attachment is required only if the proposal includes a project that specifically addresses a need of a DAC. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload disadvantaged community assistance documentation here. This field is mandatory.

Last Uploaded Attachments: Att10_IG2_DAC_1of2.pdf, Att10_IG2_DAC_2of2.PDF

Upload additional disadvantaged community assistance documentation here, if necessary.

Upload additional disadvantaged community assistance documentation here, if necessary.

ATTACHMENT 11: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload GWMP, AB1420, and water meter compliance documentation here. This field is mandatory.

Last Uploaded Attachments: Att11_IG2_SelfCert_1of2.pdf, Att11_IG2_SelfCert_2of2.PDF

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

ATTACHMENT 12. CONSENT FORM

This attachment is required only if the proposal is utilizing an IRWM Plan that was adopted on or before September 30, 2008. The Consent Form contained in Exhibit F of the PSP must be signed and submitted in hard copy. Please refer to PSP for more information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the signed consent form here. This field is mandatory.

Last Uploaded Attachments: Att12_IG2_Consent_1of1.pdf

ATTACHMENT 13: IRWM PLAN - REDUCED DELTA WATER DEPENDENCE

This attachment is required only if the IRWM region receives water supplied from the Sacramento-San Joaquin Delta. Attachment 13 must summarize the portions of the plan that address how implementation of the IRWM Plan will help reduce dependence on the Sacramento-San Joaquin Delta for water supply, and include relevant plan excerpts to support the summary. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the summary of IRWM Plan here. This field is mandatory.

Last Uploaded Attachments: Att13_IG2_Delta_1of1.pdf