10 Disadvantaged Community Assistance

Projects 2, 3 and 6 will directly benefit the disadvantaged community (DAC) in which they are located. Local cost match waivers are requested for Projects 3 and 6.

Projects 1, 4 and 5 are discussed since they will have indirect benefits to DAC, but local cost match waivers are not requested for Projects 1, 4 and 5. DACs in the Region are shown in Figures 3.2-1, 3.3-1, 3.4-1 and 3.6-1, which are location maps for Projects 2, 3, 4, and 6.

10.1 Project 1 – Madera Avenue Intertie

Project 1 will benefit DACs' water supply by making water supplies more reliable in the Region, but, it is not requesting a DAC funding match waiver.

10.2 Project 2 – Lost Hills New Well and Tank Replacement

Project 2 will benefit a DAC's water supply in the Region, but it is not requesting a DAC funding match waiver at this time since the Project Sponsor has identified some local funding and is anticipating obtaining additional local cost match for this Project.

10.2.1 Step A: Documentation of the Presence and Needs of Lost Hills

A Disadvantaged Community is defined as a community with an annual median household income that is less than 80-percent of the statewide annual median household income. The Medium household Income for the community of Lost Hills is approximately $30,043. The qualifications of the community of Lost Hills as a DAC are listed in the table below.

The annual median household income for California is $61,632 is the statewide median household income for California, based upon 2007-2011 American Community Survey 5-year estimates. Therefore, the median household income for Lost Hills is approximately 49-percent of the statewide annual median household income. (5-year summary data provides a larger sample size, which in rural areas is a more accurate determination of data.)

Exhibit 10.2-1
The Community of Lost Hills – Qualifications as DAC

DAC Evaluation Criteria	Response
Is the entire DAC community benefitted by this Project?	Yes, the entire community of Lost Hills will benefit from the Project.
Median household income (MHI):	According to the 2007-2011 five-year summary data provided by the American Community Survey, Lost Hills' median household income $30,043

DAC Evaluation Criteria	Response
Year for the median household income	2011
Source of information	U.S. Census Bureau, American Community Survey Summary Data 2007-2011 for Lost Hills CDP

Exhibit 10.2-2
A Synopsis of Lost Hills' Demographics

Community	Population	Households	Median Household Income in 1999	MHI as % of CA MHI (<80% = DAC)
Lost Hills	2412	415	$30,043	48.7-percent

10.2.2 Description of Proposed Project and Targeted Benefits to Lost Hills

Project 2 will address critical water supply needs in DACs by providing funding for replacement of a water storage tank and installation of a new source well. Project funding will be used to:

- Construct a water storage tank to solve maintenance and capacity problems, and
- Install a source well to improve water quality and increase source capacity.

The entire community of Lost Hills is served by the Lost Hills Utility District (LHUD). The LHUD does not have the resources to fund the entire cost to replace their storage tank and construct a new supply well that would solve their water system problems. As a result of Project 2, Lost Hills will have the necessary resources to proceed with project construction bids and construction of facilities to upgrade their system to address water quality and operational requirements.

The new well will be completed to produce water from aquifer zones with low Arsenic levels. The additional production from the new well would increase the overall production capacity of the system. Replacement of the tank would meet fire protection and emergency storage requirements as well as increase operational flexibility.

The benefits of this Project align with the IRWM Plan regional objectives. This Project accomplishes several of those objectives including:

Poso Creek IRWMP Objectives #29 -Assist Economically Disadvantaged Communities

- Enhance drinking water supply and treatment facilities
- Enhance water supply reliability and flexibility

The source of funding for ongoing expense will be from the LHUD budgets. LHUD has a Water Enterprise Fund in which customer user charges provide the source of funding to cover on-going operation and maintenance expenses.

10.2.3 Step C: Documentation of DAC Representation and Participation

10.2.3.1 DAC Community and District Participation

Lost Hills has been represented by Self Help Enterprises, an organization that has been very active in the project selection and grant application processes. Self-Help Enterprises has cataloged the DACs' drinking water and wastewater issues and needs throughout Kern County. Project 2 was selected from an organized list of community needs and potential solutions developed for the RWMG with input and support from LHUD and Self-Help Enterprises. The RWMG has relied on the work of Self-Help Enterprises to effectively coordinate activity with any community who is unable to participate in the IRWM planning process on their own. Resources for some communities to participate are just not available locally.

10.2.3.2 Overall Participation of DACs

The RWMG has adopted a Memorandum of Understanding (MOU) that allows for a spokesperson for the participating parties to vote as a RWMG member, at no cost to the participants. At the December, 2010 Poso Creek IRWM monthly meeting, Mike James, Public Works Director for City of Shafter, was elected to serve as the DAC Representative. The DACs in the Region have Mr. James as a voting member on the Poso Creek RWMG.

The RWMG continues to address the needs for all of the DACs in the Region through a working relationship with Dave Warner and Jessi Snyder of Self-Help Enterprises. (A letter from Self-Help Enterprises documenting this relationship is included in the RAP application as Attachment B, is included herein as Appendix 10.2-1) Self-Help Enterprises has cataloged the DACs' drinking water and wastewater issues and needs throughout Kern County. Self-Help Enterprises has provided an organized list of projects and contacts for the RWMG without burdening the communities with added planning expenses. The RWMG continues to rely on and support the work of Self-Help Enterprises to effectively coordinate activity with any community who is unable to participate in the IRWM planning process on their own. The RWMG also relies on the Community Water Center to provide support and guidance on DAC needs and issues.

10.3 Project 3 – Allensworth Tank Replacement and SCADA Installation

10.3.1 Step A: Documentation of the Presence and Needs of Allensworth

A Disadvantaged Community is defined as a community with an annual median household income that is less than 80-percent of the statewide annual median household income. The

Medium household Income for the community of Allensworth is approximately $24,375. The qualifications of the community of Allensworth as a DAC are listed in the table below.

The annual median household income for California is $61,632 is the statewide median household income for California, based upon 2007-2011 American Community Survey 5-year estimates. Therefore, the median household income for Allensworth is approximately 40-percent of the statewide annual median household income. (5-year summary data provides a larger sample size, which in rural areas is a more accurate determination of data.) Allensworth was not a census designated place in the Year 2010 census and is located within larger Census Tract (43) Block Group (1) so data from this larger area was utilized.

Exhibit 10.3-1
The Community of Allensworth – Qualifications as DAC

DAC Evaluation Criteria	Response
Is the entire DAC community benefitted by this Project?	Yes, the entire community of Allensworth will benefit from the Project.
Median household income (MHI):	According to the 2007-2011 five-year summary data provided by the American Community Survey, Allensworth's median household income $24,375 (in 2011 dollars), which is lower than the 80-percent of the California Median Household income.
Year for the median household income	2011
Source of information	five-year summary data provided by the American Community Survey, Allensworth's median household income $24,375

Exhibit 10.3-2.
A Synopsis of Allensworth's Demographics

Community	Population	Households	Median Household Income in 2011	MHI as % of CA MHI (<80% = DAC)
Allensworth	471	74	$24,375	39.5-percent

10.3.2 Description of Proposed Project and Targeted Benefits to Allensworth

Project 3 will address critical water supply needs in DACs by providing funding for project development, replacement of a water storage tank, and installation of a SCADA system upgrade for the Allensworth Community Services District (ACSD). The entire community of Allensworth is served by the ACSD. Project funding will be used to:

- Perform feasibility and engineering studies necessary to construct a water storage tank to solve defined water supply problems, and

- Install a SCADA system upgrade which will promote efficient water use and increase management flexibility.

The ACSD does not have the resources to fund the engineering design and construction of the tank or installation of the SCADA system upgrade that would solve their problems. As a result of the project, ACSD will have the necessary resources to proceed with construction bids and project construction.

The benefits of this Project align with the Poso Creek IRWM Plan regional objectives. This Project accomplishes several of those objectives including:

Poso Creek IRWMP Objectives #29 -Assist Economically Disadvantaged Communities

- Enhance drinking water supply and treatment facilities
- Enhance water supply reliability and flexibility

The Project will also address the following Poso Creek IRWMP Planning Objectives:

Water Supply Reliability:

- Providing specific engineering and replacement of water system components will allow DACs to utilize construction funding that would be otherwise unavailable.

Water Supply Costs:

- Assisting DACs in design and construction of necessary facilities will avoid direct costs to residents and therefore keep service costs as low as possible.

The source of funding for ongoing expense will be from the local agency budgets. Allensworth has a Water Enterprise Fund in which customer user charges provide the source of funding to cover on-going operation and maintenance expenses.

10.3.3 Step C: Documentation of DAC Representation and Participation

10.3.3.1 DAC Community and ACSD Participation

Allensworth is represented by Self-Help Enterprises, an organization that has been very active in the Poso Creek IRWM Plan project selection and grant application processes. Self-Help Enterprises has cataloged the DACs' drinking water and wastewater issues and needs throughout Kern County for over 30 years. Project 3 was selected from an organized list of community needs and potential solutions developed for the Poso Creek IRWM Plan RWMG with input and support from Allensworth CSD and Self-Help Enterprises. Since the adoption of the Poso Creek IRWM Plan in 2007, the RWMG has relied on the work of Self-Help Enterprises to effectively coordinate activity with any community who is unable to participate in the IRWM planning process on their own. Resources for the smaller

communities to participate are just not available locally. Resources are not aligned with the staff responsibilities of the agricultural districts or the cities; therefore, the Poso Creek RWMG has very willingly relied on Self-Help Enterprises to coordinate with the smaller DACs in the Region.

10.3.3.2 Overall Participation of DACs

See previous statement in Section 10.2.3.2.

10.4 Project 4 – Groundwater Well Destruction Program

Project 4 will benefit a DAC's water supply in the Region by reducing a source of aquifer contamination, but it is not requesting a DAC funding match waiver since well owners will be required to provide a cost match. The target wells will be identified as part of the project with priority on destroying wells closest to a DAC drinking water well. Thus, benefits cannot yet be ascribed to a particular DAC.

10.5 Project 5 – On-Farm Mobile Lab for Water Use Efficiency in Support of Nutrient Management

Project 5 will benefit DACs' water quality in the Region by increasing water use efficiency and also reducing NO_3 leaching, a source of aquifer contamination. Project 5 is not requesting a DAC funding match waiver. DACs in the Region are shown in Figures 3.2-1, 3.3-1, 3.4-1 and 3.6-1. Because the farm locations to be evaluated will be identified as part of the project, benefits cannot yet be ascribed to a particular DAC.

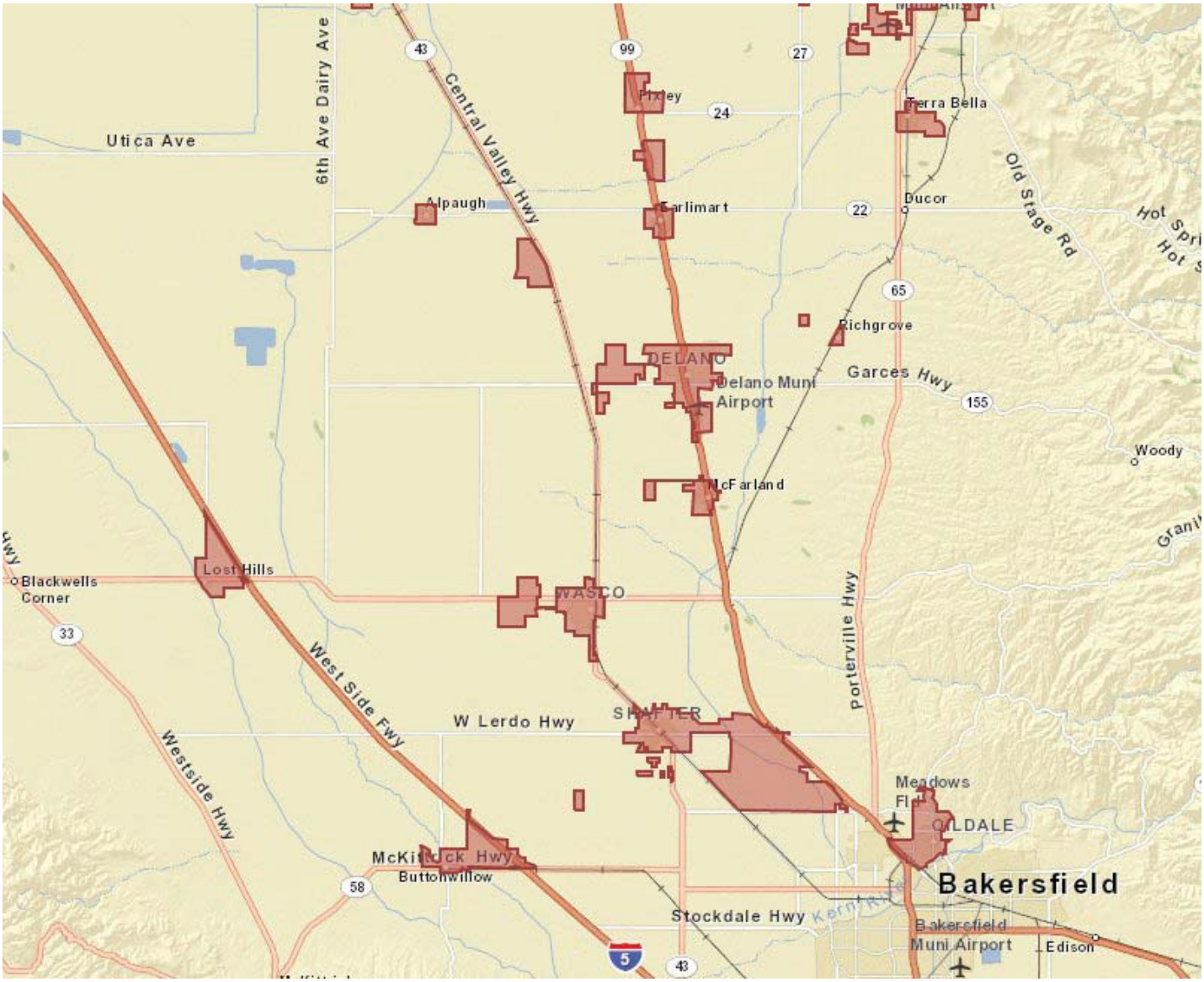
10.6 Project 6 – Smith Corner Sewer – Planning and Design

10.6.1 Step A: Documentation of the Presence and Needs of the Smith Corners Area south of the City of Shafter

A DAC is defined as a community with an annual median household income that is less than 80-percent of the statewide annual median household income. Medium household Income for the community of Smith Corner is approximately $27,298. The qualifications of the community of Smith Corner as a DAC are listed in the table below.

The annual median household income for California is $61,632 is the statewide median household income for California, based upon 2007-2011 American Community Survey 5-year estimates. Therefore, the median household income for Smith Corner is approximately 44-percent of the statewide annual median household income. (5-year summary data provides a larger sample size, which in rural areas is a more accurate determination of data.)

Exhibit 10.6-1 provides information that was used to identify the Smith Corner area as a DAC in the region and its boundary is shown in Figure 10.6-1, which is a map view downloaded from the DWR's DAC mapping tool.



Poso Creek IRWMP Implementation Grant Proposal	GEI Consultants	DACs Based on DWR's DAC Mapping Tool
Poso Creek IRWMP Region		March 2012 Figure 10.6-1

Exhibit 10.6-1

Smith Corner Community (South of the City of Shafter) Qualifications as DAC

DAC Evaluation Criteria	Response
Is the entire DAC community benefitted by this Project?	Yes, the Smith Corners communities will benefit from the Project.
Median household income (MHI):	According to the 2007-2011 American Community Survey, Smith Corner had a median income of $27,298 (in 2011dollars), which is lower than the 80-percent of the California Median Household income
Year for the median household income:	2011
Source of information:	American Community Survey 2007-2011 5-year estimates, factfinder2.census.gov.

Exhibit 10.6-2
A Synopsis of Smith Corner Demographics

Community	Population	Households	Median Household Income in 2011	MHI as % of CA MHI (<80% = DAC)
Smith Corner	524	67	$27,298	44.2-percent

**Household and population figures based upon a community survey and reported in August 2005 Preliminary Engineering Report.*

The Smith Corner community is located outside the incorporation limits of the City of Shafter and within a separate and large census area. Smith corner is one of six DAC communities south to the City of Shafter. Preliminary design performed in 2007 demonstrates the sewer collection system to the Smith Corner DAC could readily be expanded to serve the other five areas as well.

The Smith Corner DAC is a low-income area of 67 households. The 2011 Median Household income is $27,298. It is critically important for service rates to be kept as low as possible for all residents, many of whom are classified as low income. In addition, the area has no services district or other entity empowered fund design of a sewer collection project on behalf its residents. In addition, note that the nearby City of Shafter is also a DAC.

A plan and design for a sewer system in the Smith Corner DAC would protect public health and improve water quality in the Smith Corner area. Project 6 may be expanded in the future to serve an additional five DAC communities with similar benefits to those areas. Those communities are listed in Exhibit 10.6-3 and shown on Figure 3.6-1.

Exhibit 10.6-3
Other DAC Communities Potentially Served by Expansion of Project 6

Community	Population	Households	Median Household Income in 2011	MHI as % of CA MHI (<80% = DAC)
Cherokee Strip	227	56	$43,977	71.3-percent
SW Shafter (CT 40)	219*	54*	$40,133	65.1-percent
West Shafter (CT 40)	49*	12*	$40,133	65.1-percent
Thomas Lane (CT 40)	182*	45*	$40,133	65.1-percent
Burbank (CT 42)	118*	29*	$49,792	80.7-percent

**Household and population figures based upon a community survey and reported in August 2005 Preliminary Engineering Report.*

Project 6 was developed as a component of Poso Creek IRWM Plan, Project 29, to Assist Disadvantaged Communities to Enhance or Develop Drinking Water and Waste Water Treatment Facilities. The project will allow a small wastewater supply system in the Poso Creek Region to be developed so as to meet water quality standards necessary to protect the health residents in the area.

Replacing area septic systems with connections to the City of Shafter/North of the River Sanitary Sewer system means that local water supplies are better protected from water quality degradation and the sewer treatment is available at lower costs to rate payers. In addition, treating water is important, because recharge of better quality will enhance availability of local sources. Increasing the availability of local supplies will control costs and directly benefit low-income individuals and families.

10.6.2 Step B: Description of Proposed Project and Targeted Benefits to DACs

Project 6 will provide the Smith Corner south of the City of Shafter with a plan and design for a sewer system. Once constructed, the sewer will alleviate a public health threat and eliminate a source of nitrate in groundwater. In addition, five other DACs could eventually be connected to the Regional Sewer system making use of the planning and design information provided by this Project.

The goal of the Project is to provide the planning and design necessary for the Sewer service to the Smith Corner area. Most of the septic tanks are quite old, many with failing leach fields. Smith Corner residents report use of grey-water disposal into their lawns to avoid overloading of septic systems and reduce septic tank pumping.

The benefits of this Project align with the Poso Creek IRWM Plan regional objectives. This Project accomplishes several of those objectives including:

Poso Creek IRWMP Objectives #29 -Assist Economically Disadvantaged Communities to Enhance Drinking Water Supply and Waste Water Treatment Facilities.

The Project would take the first necessary step in developing wastewater collection facilities in an area of failing septic systems.

The Project will also address the following Poso Creek IRWMP Operational Objectives:

1. Protect quality of groundwater and enhance where practical – Once the sewer project is constructed, it will lead to improved groundwater quality by eliminating a source of groundwater contamination that directly affects the South Shafter area, the Poso Creek IRWMP area, and the City of Shafter and the regional water supply.

2. Maintain or reduce water supply costs – Reduce contamination of the area water supply will reduce/eliminate costs needed to develop new supplies and treat contaminated groundwater.

10.6.3 Step C: Smith Corner representation and participation

10.6.3.1 DAC Community and Smith Corner Participation

The Smith Corner DAC has been represented by Self-Help Enterprises, an organization that has been very active in the project selection, and grant application processes. Self-Help Enterprises has cataloged the DACs' drinking water and wastewater issues and needs throughout Kern County. The Smith Corner Sewer Plan and Design was selected from an organized list of projects developed for the RWMG with input and support from the Community. The RWMG has relied on the work of Self-Help Enterprises to effectively coordinate activity with any community who is unable to participate in the IRWM planning process on their own. Resources for some communities to participate are just not available locally. Because there is no services district that can legally manage the project development work, the County of Kern Engineering and Services will accept that role. The County of Kern, Special Districts Engineer has participated in development of Project 6 and intends to lead the Project.

10.6.3.2 Overall Participation of DACs

See previous statement in Section 10.2.3.2.

10.7 Appendices

Appendix 10.2-1

Self-Help Enterprises

A Nonprofit Housing and Community Development Organization

April 28, 2009

Paul Oshel, P.E., Chairman
Poso Creek Integrated Regional Water Management Plan
1101 Central Avenue
Wasco, CA 93280-0877

RE: Disadvantaged Communities and the Poso Creek IRWMP

Dear Mr. Oshel,

Self-Help Enterprises (SHE) has over 60 years of staff experience working with 130 rural San Joaquin Valley communities to obtain sanitary sewer facilities and safe drinking water. Within the Poso Creek IRWMP (Poso Creek) area, SHE has helped 16 communities to organize and obtain affordable clean water and sanitary sewer since the 1970s. SHE works with local residents to form special service districts, prepare funding applications, monitor engineering services, and implement adequate maintenance and accounting programs. SHE staff are often the catalysts in connecting funding agencies with local residents, and providing leadership training to new and existing community boards. Currently we are helping nine communities involved in three sewer projects (Buttonwillow, North Shafter and South Shafter). SHE's housing programs have enabled hundreds of farmworker families to build their own housing in Richgrove, Earlimart, Delano, McFarland, Buttonwillow, Wasco and Shafter, as well as affordable rental housing in McFarland and Wasco.

Rural, disadvantaged communities are faced with a lack of sanitary sewer facilities, failing septic and sewer systems and contaminated drinking water. Many water supplies are contaminated with chemicals, bacteria or lack an adequate water supply. Disadvantaged communities (DACs) come in many types and sizes. The DACs in the Poso Creek IRWMP area range from sizeable incorporated cities (Shafter, Delano, Wasco and McFarland), to long-established small towns (Lost Hills, Mexican Colony, Earlimart, Richgrove and Buttonwillow), to communities formed during the Dust Bowl era (such as the Shafter area communities of Smith Corners, Thomas Lane, Cherokee Strip, Burbank, Southwest Shafter, Bishop Acres, North Park and North Shafter), and even some created as recently as the 1970's (Madonna). Most but not all DACs have one or more water and sewer infrastructure problems. Many have only volunteer staff with limited training and all DACs lack the money to pay for community water or sewer projects. Attached is the "Tulare Lake Basin – Disadvantaged Communities – Poso Creek IRWMP," a detailed list of disadvantaged communities that are located within the Poso Creek IRWMP boundaries. Some communities have no particular project listed, which is to be expected since every DAC has different needs, or not, at any one time. A second list, "Tulare Lake Basin – Disadvantaged Communities – Unknown IRWMP," shows three DACs (Allensworth, Alpaugh and Ducor) that are not within any IRWMP, but are near Poso Creek. We ask that all nearby IRWMP's consider including these communities into one of their plans.

We recognize the efforts the Poso Creek Management Group has taken in forming the Poso Creek IRWMP. Our staff members Jessi Snyder and Dave Warner have worked with your organization since

September of 2007, attending meetings and providing information about DAC's needs and projects. We have seen your outreach to small and large DACs and are pleased to be included in this process. The disadvantaged communities that we are currently helping, as well as other DACs, would greatly benefit from coordination of their local water and sewer work with the Poso Creek IRWMP, including possible funding through your organization. Many of the Poso Creek objectives such as preserving water quality, increasing water supplies, prevention of groundwater contamination, water recycling and storage, flood control, conservation, habitat development and DAC assistance are supported by DAC projects. These and other objectives benefit the local farm economy that is critical for many DACs.

Disadvantaged communities large and small need project grant funds to keep user rates affordable. Infrastructure projects can take years to develop and complete; therefore we recommend the DAC funding be made as flexible as possible, to allow for incorporation into various parts of DAC projects. In general, most sewer and water project funding starts with a Preliminary Engineering Report that documents the problem(s) and the costs of different alternatives to fix the problem(s). Once the project is selected by the community, environmental documents (CEQA and/or NEPA) must be prepared. This is followed by applications for project funding. Once funding is received, the next step is design and bidding the project. Construction starts after a bid is selected. After construction there is often a need for residents to physically connect their home to the new community sewer or water system. Each of these steps need funding and the entire process can take 5 to 10 years before clean water or sanitary sewer is obtained, so it is impossible to predict exactly when a DAC project will need money for a specific expense (preliminary engineering, design, construction, hookups, etc.).

Grant money is crucial to having an affordable water or sewer system. All funding agencies have grant limitations and some provide only loan. IRWMP funds can provide an important link in making a project work. Each DAC project is on its own track and progresses through different stages at any particular time. Therefore, to better fit DAC needs, the IRWMP application should allow for a variety of eligible DAC project costs that span from preliminary engineering through connection to the water or sewer system.

It is our belief that communities can work together and should represent themselves. Therefore we recommend Poso Creek form a DAC Working Group to develop criteria to evaluate and select projects for the Poso Creek Plan and possible funding. We would be glad to help with this DAC Working Group. This Working Group will need to set up guidelines for their meetings, participation and communication with the Poso Creek IRWMP and develop criteria for selection of disadvantaged community project(s) with input from all DAC committee members.

SHE also recommends a voting board seat be made on the Poso Creek IRWMP Management Group for at least one disadvantaged community representative selected by the DAC working group.

We look forward to continuing our work with the Poso Creek IRWMP for the improvement of water quality and supply, and for the benefit of all communities within your Plan. If you have any questions, please contact me at (559) 802-1681.

Sincerely,

Paul Boyer

Paul Boyer, Manager
Community Development

Tulare Lake Basin - Disadvantaged Communities - Poso Creek IRWMP

Disadvantaged Communities within Poso Creek IRWMP Boundaries

Disadvantaged Communities / Schools	County	IRWMP	Popu-lation	House-holds	MHI	Income Data	Entity	Location	Contact	Phone	Water
Bishop Acres	Kern	Poso		26	$34,345	2000 Census	Bishop Acres Mutual Water Company	NW corner of 7th Standard & Santa Fe Way			XXX
Blackwells Corner	Kern	Poso/Kern			$29,338	2000 Census		Blackwells Corner			XXX
Buttonwillow	Kern	Poso (WWTP is in IRWMP)/Kern	1,270	433	$28,370	2000 Census	Buttonwillow County Water District	Buttonwillow	Regina Houchin	661/764-5273	
Delano	Kern	Poso	38981	8,830	$28,143	2000 Census	City of Delano	Delano			XXX
Unincorporated areas west of Delano	Kern	Poso			$30,946	2000 Census	County of Kern City of Delano	Delano			XXX
Earlimart	Tulare	Poso	6,588	1,604	$21,299	2000 Census	Earlimart Public Utility District	Earlimart			XXX
Lost Hills	Kern	Poso	1,972	369	$31,875	2000 Census	Lost Hills Utility District	Lost Hills	Amando Garza, P.E. Carollo Engineers	(661) 321-3433	XXX
Madonna (Completed in 2005)	Tulare	Poso		28	$13,000	1995 income survey	City of Delano County of Tulare	North of Delano	John Serda		
Maple School	Kern	Poso			$27,634	2000 Census	City of Shafter	Shafter, 93263	Ann Paslay	(661)746-4439	XXX
McFarland	Kern	Poso	9,618	2,031	$24,821	2000 Census	City of McFarland	McFarland	Gerald Forde	(661) 792-3059	XXX
Pond	Kern	Poso	48	24	$30,946	2000 Census	Pond Mutual Water Company	Pond, 93280	Ted Belvins	(661)729-2545	XXX
Pond School	Kern	Poso			$30,946	2000 Census	Pond School District	Pond, 93280			XXX
Richgrove	Tulare	Poso	2,700	600	$22,885	2000 Census	Richgrove Community Services District	Richgrove	Maria Pimental	661/725-5632	XXX
Rodriguez Labor Camp	Tulare	Poso	110				Richgrove Community Services District	2 miles west of Richgrove			XXX
Semi-Tropic School Water system	Kern	Poso	263		$29,338	2000 Census	Semi-Tropic School District	Wasco, 93280	Micheal Rucks	(661)758-6412	
Shafter	Kern	Poso	12,736	3,624	$29,515	2000 Census	City of Shafter	Shafter	Michael James	661/746-5002	XXX

Shafter Farm Labor Center	Kern	Poso					Housing Authority of County of Kern	2 miles north of Shafter			XXX
Shafter, North (North Park & North Shafter)	Kern	Poso	1,000	207	$27,634	2000 Census	City of Shafter	Two DAC communities on north side of Shafter	Celina Castro Michael James	(661) 746-4675 661/746-5002	
Shafter, South (Smiths Corner, Thomas Lane, Cherokee Strip, Burbank, Mexican Colony, Southwest Shafter)	Kern	Poso	1,300	348	$27,634	2000 Census	Sewer- County of Kern Water- City of Shafter	Six unincorporated communities south of Shafter	Roy Ramirez, Bob Downs	(661) 549-4621 661/862-5043	
Wasco	Kern	Poso	21,263	4,256	$28,997	2000 Census	City of Wasco	Wasco, 93280			XXX

ARRA	Economic Stimulus	**CSA**	County Service Area	**DWSRF**
CDBG	Community Development Block Grant Program	**SWRCB**	State Water Resources Control Board	**USDA**
DPH Prop 84	Department of Public Health Proposition 84	**SCWG**	Small Community Wastewater Grant	**IRWMP**

Tulare Lake Basin - Disadvantaged Communities - unknown IRWMP

Nearby DAC's without a designated IRWMP

Disadvantaged Communities / Schools	County	Potential IRWMP	Popu-lation	House-holds	MHI	Income Data	Entity	Location	Contact	Phone	Water
Allensworth	Tulare	Tule / Poso	300	96	$24,000	2000 Census	Allensworth Community Services District	Allensworth	Henry Terronez	(661)849-3894	XXX
Alpaugh	Tulare	Tule / Poso	1,000	340	$23,688	2000 Census	Alpaugh Joint Powers Authority	Alpaugh	Mike Galindo	949-8199	XXX
Ducor	Tulare	Tule / Poso	557	150	$23,000	Special survey	Ducor Community Services District	Ducor	Darlene Long		XXX

WATER

Issues	On-going MCL Violation	Solutions Id'd	Estimated Cost		Potential Funding Sources	App / Pre-App Submitted	Feasibility Study Needed	Prelim. Engin. / CEQA Needed
Small system increased operational costs and issues	no	Consolidate with City of Shafter			CDBG, USDA, State	no	yes	yes
Arsenic exceeds new MCL	yes							
Water system is not in Poso Creek IRWMP							Sewer - Done	Sewer - PER & CEQA done
Arsenic exceeds new MCL	yes	water treatment & newwells	$28 million		,State SRF, ARRA& CDBG			
Arsenic exceeds MCL, single wells	yes	connect to Delano						
Arsenic in water …….. Old, 2" water mains……. Storage Tank……..	Funded Applied for $ Applied for $	Water treatment plant …. Replace mains…….. Rehab Tank ……..			CDBG, USDA, State	Yes for all		
Colifrom, Nitrate & Pesticide MCL Violations	yes	Connected to Delano			State CDBG & USDA	Connected to Delano in 2005	no	no
Nitrates exceed MCL	Yes	Connect to Shafter						
Nitrates in groundwater								
Unknown								
Arsenic exceeds new MCL	Yes	New well or treatment						
1 well has arsenic/DBCP MCL issues;Other well close to nitrate MCL	yes	Drill new well and/or blend			Prop 84	Yes		Yes
Nitrate 130 ppm	Yes	Consolidate with Richgrove CSD			Prop 84	Yes		Yes
Wells contaminated from Nitrates	No	Drill new well & or blend			State SRF, ARRA, CDBG, IRWMP			

Wells contaminated from failing septic systems	No	Consolidated in 90's with City of Shafter			USDA		Sewer - done	Sewer - PER done
Wells contaminated from failing septic systems	No	Consolidated in 90's with City of Shafter			USDA Colonias funds		Sewer - done	Sewer - PER done

Drinking Water State Revolving Fund Program
US Department of Agriculture Rural Development
Integrated Regional Water Management Plan **SRF -** State Revolving Fund (sewer)

WATER

Issues	On-going MCL Violation	Solutions Id'd	Estimated Cost		Potential Funding Sources	App / Pre-App Submitted	Feasibility Study Needed	Prelim. Engin. / CEQA Needed
Sheet flow flooding from White River/ well pumps shut off- manuel override required		Refinement of power or new motor control panels	$118,000		USDA, DWSRF	Yes	No	No
Water from both new wells exceeds arsenic MCL (16 to 25 ppb)	Yes	Arsenic Treatment Plant	$1,368,000		DPH-DWSRF Prop 84	Yes	Water- No Sewer -yes	Water- No Sewer -yes
Well collapse, lack of water, H2S		New water supply (well &/or consolidation)	$1,300,000		USDA, DWSRF, Prop 84	Yes	No - done	PreEng-No CEQA - Yes

WASTEWATER

Sewer	Issues	Solutions	Potential Funding Sources	Capacity (gpd)	Estimated Cost	Implementing Agency	Comments
						Bishop Acres MWC & City of Shafter	
						Lost Hills Utility District	
XXX	Old failing plant (WWTP) and lines. Groundwater contamination.	Replace treatment plant sewer collection and trunkline	SCWG, USDA, Prop 84, SRF	151,000	$2,423,175	Buttonwillow County Water District	The Wastewater Treatment Plant is north of the Eastside Canal and within the Poso Creek IRWMP Study area. Preliminary Engineering and CEQA documents have been completed. The Project has completed design & will start construction in summer of 2009.
						City of Delano	
						County of Kern City of Delano	
XXX						Earlimart PUD	
XXX	Sewer Plant upgrade	Repair & upgrade WWTP	SCWG, SRF, CDBG, USDA			Lost Hills Utility District	
						City of Shafter & School	
XXX	Sewer Plant upgrade	Connect to Delano WWTP				City of McFarland City of Delano	
						Pond Mutual Water Company	
						Pond School District	
XXX	Treatment plant inflow is in excess of rated capacity	Modify RWQCB Discharge permit and upgrade and expand treatment and disposal facilities	USDA SWRCB-SCWGP Developer fees			Richgrove Community Services District	
						Richgrove Community Services District	
						SemiTropic School District	
XXX						City of Shafter	

XXX						Housing Authority of the County of Kern	
XXX	Nitrate contamination of groundwater from failing septic tank systems	Build sewer collection system and connect with City of Shafter/NOR system	State SCWG, ARRA, SRF		$2,500,000	City of Shafter	Preliminary Engineering & CEQA documents have been completed. The Project has received $2 million in State funds design started, construction will start within 8 months to a year.
XXX	Nitrate contamination of groundwater from failing septic tank systems	Build sewer collection system and connect with City of Shafter/NOR system	State SCWG,SRF, ARRA & USDA		$8,900,000	County of Kern, CSA	Preliminary Engineering & CEQA documents have been completed. The Project is ready to start design & construction.
XXX						City of Wasco	

WASTEWATER

Sewer	Issues	Solutions	Potential Funding Sources	Capacity (gpd)	Estimated Cost	Implementing Agency	Comments
						Allensworth Community Services District	Community is outside of any designated IRWMP boundary, but is close to PC IRWMP
XXX	Unsewered Community with high groundwater in wet years	No community consensus to move ahead with project				Alpaugh Joint Powers Authority	Community is outside of any designated IRWMP boundary, but is close to PC IRWMP. Has received Prop 84 funding for water system improvements
						Ducor Community Services District	Community is outside of any designated IRWMP boundary, but is close to PC IRWMP