

Appendix A

Needs Assessment Survey

**Proposition 1 Integrated Regional Water Management (IRWM)
Disadvantaged Community Involvement Program (DACIP)
Tulare-Kern Funding Area**

Disadvantaged Community Needs Assessment Survey

A Disadvantaged Community (DAC) Needs Assessment is being conducted for the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings, and Tulare Counties. The Needs Assessment will evaluate water and sewer system needs of DACs throughout the Funding Area. Data collection has included compiling data that is available publicly through existing resources. This survey will help improve our understanding of your community's needs related to information that may not be apparent from the publicly available data.

Thank you for taking the time to provide the requested information, in order to improve the Needs Assessment for this area. If you have any questions about this survey, please contact Maija Madec at mmadec@ppeng.com or (559)326-1100 or Maria Herrera at mariah@selfhelpenterprises.com or (559)802-1676.

Community/Entity _____

Name/Title: _____

Street Address: _____

Telephone: _____

Email Address: _____

Date: _____

1. Please indicate whether your survey responses may be used in the Tulare-Kern DAC Involvement Program Needs Assessment.

☐ Yes, you may use the survey responses. ☐ No, only use for reference purposes.

2. Indicate the type of water and sewer service for your community:

- ☐ Community Water System (Please answer questions A-1 through A-8, Page 2-3)
- ☐ Community Sewer System (Please answer questions B-1 through B-4, Page 4)
- ☐ Private Wells (Please answer questions D-1 through D-8, Page 5)
- ☐ Private Septic System (Please answer questions E-1 through E-5, Page 6)
- ☐ Storm Water Facilities: Please answer C-1 through C-2, Page 4, whether or not your community has existing storm water facilities.

3. Do you have any specific concerns or noted problems with your water, sewer, or storm water system(s)?

A. Community Water Systems

A-1. What are your current water system demands (**circle correct units**)?

Average Annual Demand (AAD): _____ gallons per minute
_____ gallons per day
_____ gallons per year

Maximum Day Demand (MDD), if known: _____ gallons per minute
_____ gallons per day

A-2. What is the capacity of your surface water supply (if applicable)?

Surface Water Supply: _____ gallons per minute

A-3. What is the capacity of your system's active water supply well(s) (*attach if needed*)?

Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
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Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____
Well Name: _____	Production Rate (gallons per minute): _____	Description of Well Location: _____

Total Source Capacity: _____ gallons per minute

A-4. Do you have water supply wells that are currently inactive?

☐ Yes ☐ No

If yes, please indicate why the well(s) are no longer active.

A-5. Is your water system metered (meters on water services)?

☐ Yes ☐ No ☐ Partially, explain _____

If the system has meters but they are not in use, explain why they are not being used: _____

If the system is metered, what is the total volume of water delivered to customers each year?

A-6. What are your residential water rates?

Flat Water Rate: \$_____per Month

Tiered/Variable Rate (average residential bill): \$_____per Month

**Attach metered water rate*

A-7. Water System Revenues and Expenses

a. Please provide a copy of your current water system budget, or indicate your annual revenue and expenses:

A-8. Are there households in your community not currently connected to the water system?

☐ Yes ☐ No

If yes, are there plans to connect these households to the water system? Explain how this is being done:

B. Community Sewer Systems

B-1. What are your sewer rates?

Residential Sewer Rate: \$ _____ per Month

Other (Commercial/Industrial) Sewer Rate: \$ _____ per Month

B-2. Does your sewer collection, treatment, or disposal system experience problems?

☐ Yes

☐ No

If yes, describe these problems: _____

B-3. Sewer System Revenues and Expenses

a. Please provide a copy of your current sewer system budget, or indicate your annual revenue and expenses:

B-4. Are there households in your community not currently connected to the sewer system?

☐ Yes

☐ No

If yes, are there plans to connect these households into the sewer system? Explain how this is being done: _____

C. Storm Water Facilities

C-1. Does your community have storm water collection facilities (*example: curb and gutter, storm drain inlets, etc.*)?

☐ Yes

☐ No

☐ Unknown

If yes, who owns and is responsible for maintenance of the storm water facilities?

C-2. Does your community have issues with flooding?

☐ Yes

☐ No

If yes, when and where does it occur? _____

D. Private Well Communities

D-1. For households relying on private wells, how many functioning wells are on your property?

☐ 1 ☐ 2 ☐ Other, Explain _____

D-2. What is the depth of your primary (drinking water) well?

☐ Less than 100 feet ☐ 100 to 150 feet ☐ 150 to 200 feet
☐ More than 200 feet ☐ I don't know

D-3. Are there any known problems with your groundwater supply?

☐ Never had problems
☐ Insufficient water supply for daily needs
☐ Insufficient water supply during droughts
☐ Water quality problems
☐ Other: _____

D-4. Has your well been tested for water quality?

☐ Yes ☐ No ☐ Unknown

If yes, what were the results (If willing, please attach water quality report)? _____

D-5. Do you supplement your water supply with bottled water?

☐ Yes ☐ No ☐ Only when the well does not produce enough water.

D-6. Have you had a well that went dry?

☐ Yes ☐ No

If yes, please answer the following questions:

When did the well go dry? _____

How deep was the well that went dry? _____

Do you know why the well went dry? _____

What actions were taken to solve the problem? _____

Did you seek assistance from County government or another agency? _____

If you constructed a new well, how deep is the new well? _____

D-7. Do you know your pump capacity?

☐ Yes ☐ No

If yes, what is the production rate? _____ gallons per minute

D-8. Which option would you prefer for your water supply?

☐ Private Well ☐ Public Water System

E. Private Septic Systems

E-1. For communities/households relying on private septic systems, has your septic system ever had problems?

☐ Yes ☐ No

If yes, describe the problems: _____

E-2. How often do you maintain your septic system? _____

E-3. What size is the property that the septic system is on? _____ SF

E-4. Is there also a private well on the property?

☐ Yes ☐ No

E-5. Which option would you prefer?

☐ Septic tank ☐ Public sewer

Tulare-Kern Funding Area DACEEP
Disadvantaged Community Needs Assessment Survey Findings
March 2020

Self-Help Enterprises (SHE) worked with Provost & Pritchard to develop a bilingual (English and Spanish) survey to assess the needs of disadvantaged communities within the Tulare-Kern Funding Area boundaries. Once the survey was developed, SHE staff worked to conduct outreach through a variety of methods to collect surveys from public water systems and other entities as well as private well and septic system owners. A mailing to all public water systems was sent out to inform them of the survey, which included a copy of the survey and a link to complete the survey online. The mailing was followed up by a phone call from SHE staff to provide help with completing the survey. SHE also completed door-to-door outreach in communities served by private wells. Surveys were collected from July to November 2019.

Seventy responses were collected that included communities with public water systems, public sewer systems, individual private wells, individual septic systems, and storm water facilities. Forty-eight respondents had public water systems and twenty-two respondents had individual private wells. Twenty-three respondents had public sewer systems and fourteen respondents had individual septic systems. The remaining respondents did not provide information about their wastewater services. Information collected about each category is summarized below.

I. Public Water System Information

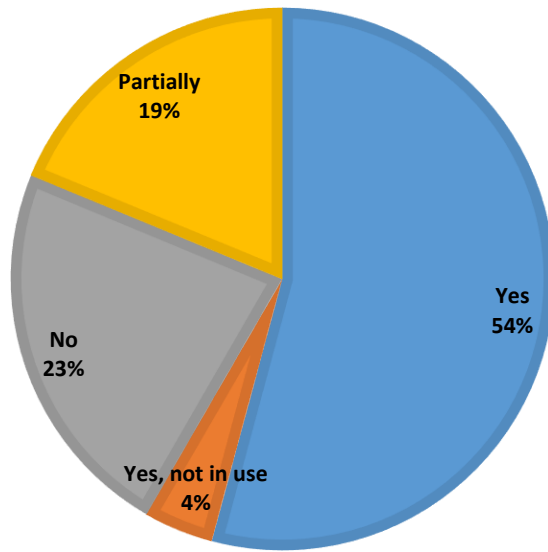
Forty-eight community water systems provided information about their system. This section of the report summarizes the responses to four sections of the survey: access to water meters, average water rates, information about inactive wells, and households not connected to the system.

A. Access to Water Meters

A total of 48 community water systems provided information about their meter system. Of the 48, 28 indicated that they have meters in place, but two are not currently using their meters. One of the two communities indicated that they are in the process of switching to metered rates, and the other explained they are finishing a construction project that included the installation of meters and have not received the software to read the meters. Nine communities indicated that their community has partially installed meters. Some indicated insufficient meters for the whole community. In one case, a community of 1,588 connections only had 18 meters installed. In another, a community of 3,600 connections had 1,700 meters installed. Some responded that they only had meters on their production wells. One mentioned too many problems with the meters that are installed and that many of these were not working. Eleven communities responded that meters were not installed in their community. Responses are summarized in the chart below.

METERS IN COMMUNITY

■ Yes ■ Yes, not in use ■ No ■ Partially

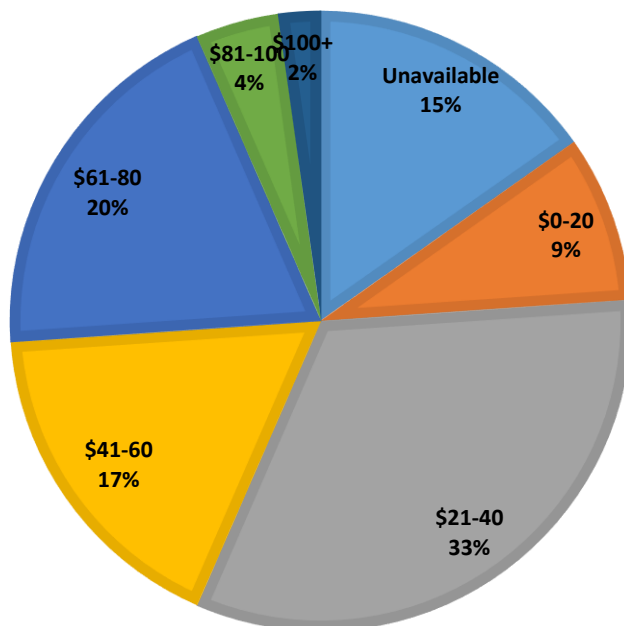


B. Average Water Rates

A total of 46 community water systems provided information about their water rates. Seven of the water systems did not provide an average water residential water bill amount, and only provided information about their variable rate structure. From the 39 that responded with average or flat water rates, **the average water bill was \$56.69 per month**. All responses are summarized in the chart below.

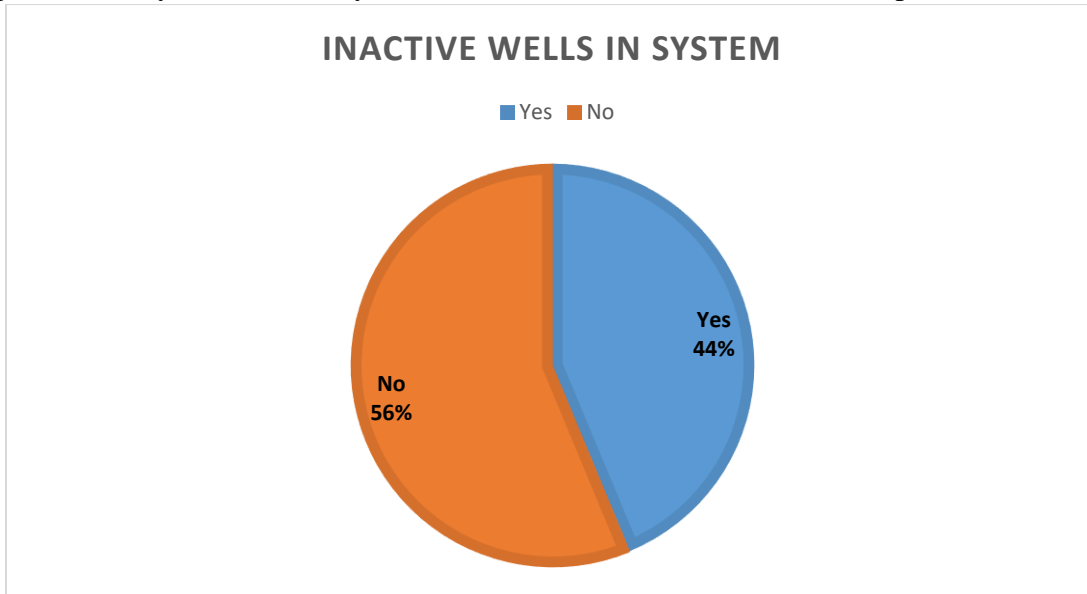
METER RATES

■ Unavailable ■ \$0-20 ■ \$21-40 ■ \$41-60 ■ \$61-80 ■ \$81-100 ■ \$100+



C. Information about Inactive Wells

A total of 48 community water systems provided information about inactive wells in their system. Of those that responded, 21 systems currently have an inactive well and 27 do not. Responses are recorded in the chart below.



Respondents with inactive wells were asked for the reason those wells were taken offline. Twelve wells had water quality issues, with nitrate being the most reported contaminant, and four wells had water supply issues, including two dry wells in communities. Two of the remaining three did not provide a reason, and one is unable to destroy their well due to its location.

D. Households Not Connected to the Water System

Lastly, respondents were asked whether any households in the community were not currently connected to the water system. Only 14 water systems had households that were not connected to the system. A few of these systems have plans in place to connect properties when private wells fail or when owners ask to be annexed into the water system boundaries. One reported that current capacity would not allow for any additional connections, and another stated that properties not connected to the water system are supplied water through another provider. Two systems have plans to connect additional properties, but they are waiting for construction funds to do so. Five systems have no plans to connect customers that are not currently connected to the water system.

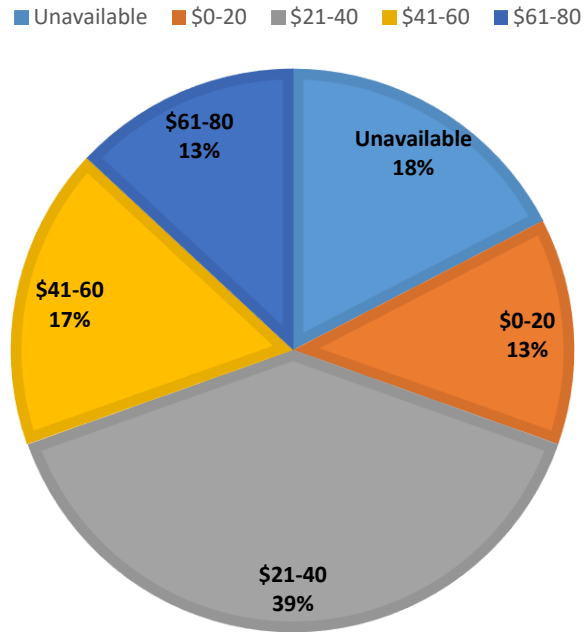
II. Community Sewer System Information

Twenty-three community sewer systems provided information about their system. This section of the report summarizes three sections of the survey: average sewer rates, sewer treatment issues, and unconnected residences in communities.

A. Average Sewer Rates

A total of 19 community sewer systems provided information about their sewer rates. Four did not provide information about their sewer rate structure. For the 19 community sewer systems that provided sewer rates, **the average sewer bill was \$37.78**. All responses are summarized in the chart below.

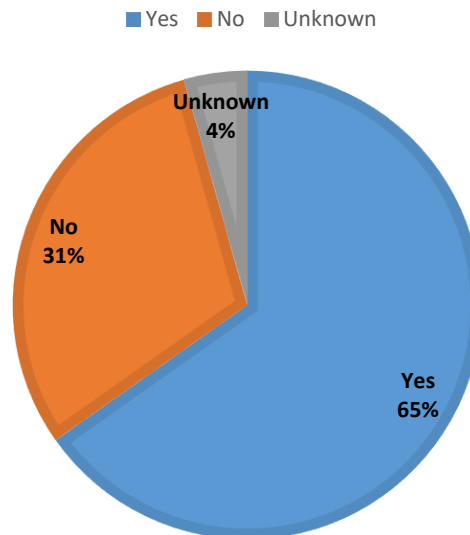
SEWER RATES



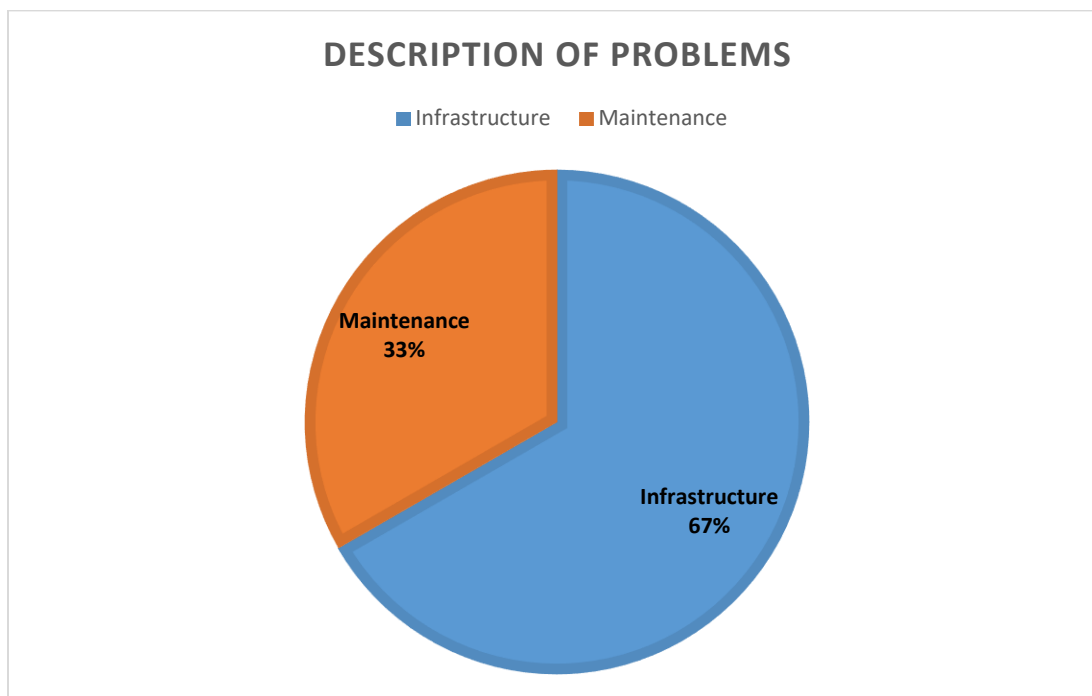
B. Sewer Treatment Issues

Of the 23 community sewer systems that provided information, 15 (65%) indicated that they have issues with their current sewer system while eight (31%) did not experience any problems. The responses are summarized below.

DOES YOUR SEWER COLLECTION, TREATMENT, OR DISPOSAL SYSTEM EXPERIENCE PROBLEMS?



Of those that had issues, the reasons behind those issues could be categorized into two types: inadequate infrastructure and maintenance issues. The majority, 67%, of systems had inadequate infrastructure for their sewer system. For some of the systems, the solutions to their infrastructure issues require upgrades that would be costly to the communities. One stated a need for over \$2 million per pond needed for upgrades. Responses are summarized below.



C. Unconnected Residences

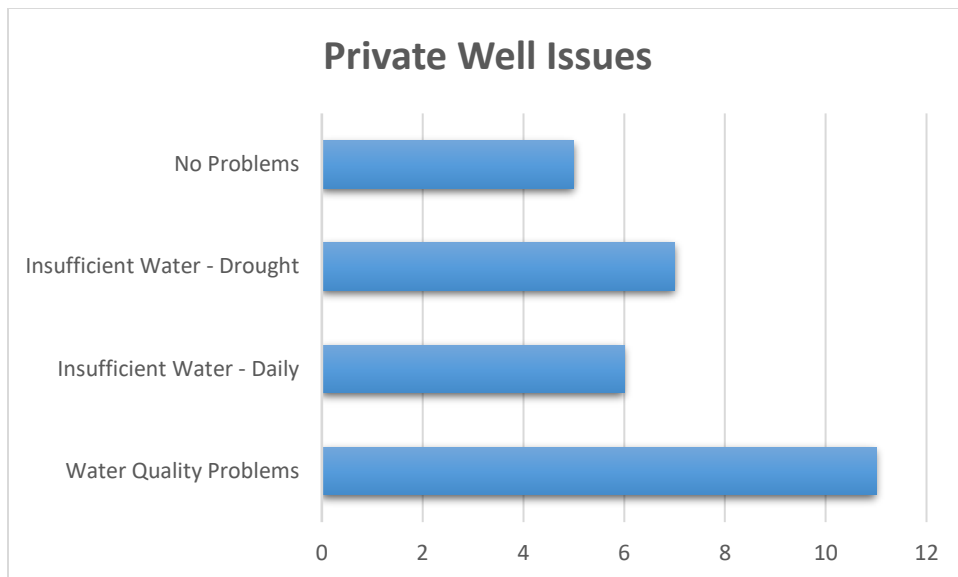
Of the 23 community sewer systems that provided information, nine indicated that there were properties that were not connected to their sewer service. Of those nine, two stated they were working on attaining grant funding to connect these homes. Five indicated that they do not have plans to connect these residences, with two of the five stating that their sewer boundaries were not equivalent to their water system boundaries. One informed us that the unconnected residences have sewer hold tanks that they release at non-peak hours, and another that, once a septic tank fails at a residence that is not connected to the system, that residence is required to connect to the community sewer.

III. Private Well Information

Twenty-two private well owners or private well communities responded to the survey. This section of the report summarizes four section of the survey: private well issues, recent water sampling, dry private wells, and water source preference.

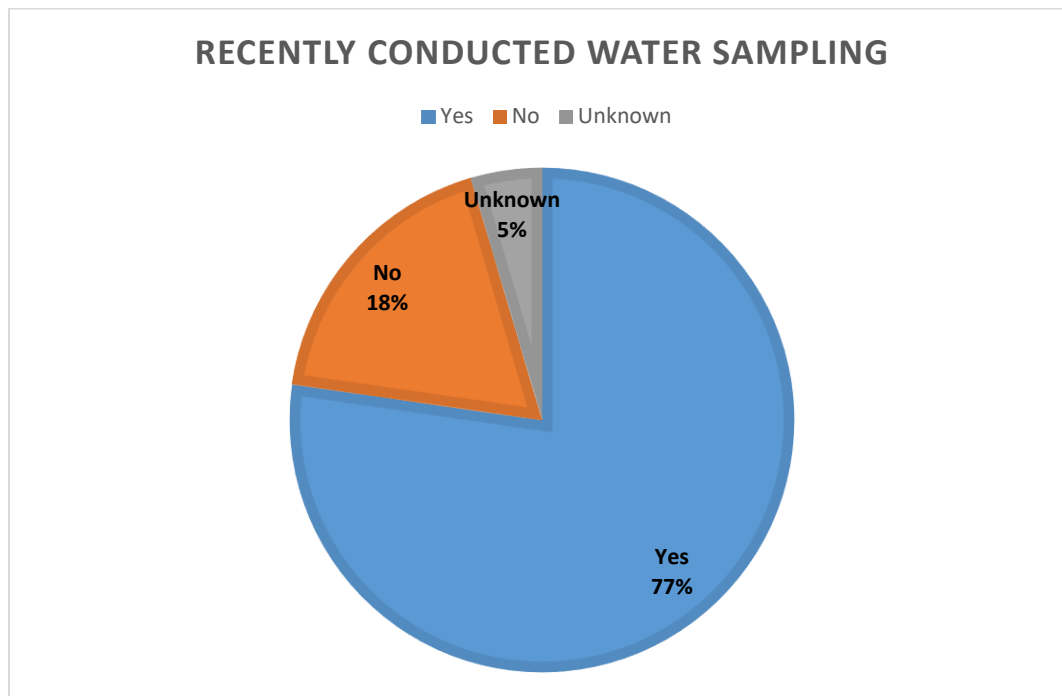
A. Private Well Issues

When asked about issues with their water, only five respondents had never had an issue with their water. The others were able to describe their problems by selecting if they had water quality issues, insufficient water for daily needs, and/or insufficient water during drought. Of the 18 that reported issues, there were eleven that had water quality issues (primary and/or secondary). Three of the eleven had also had insufficient water for daily needs and two of eleven having insufficient water for both daily needs and during drought. Also of the 18, two reported insufficient water for daily needs and during drought with no water quality issues. Lastly, two reported only insufficient water during drought. Responses for each category are summarized below.



B. Recent Water Sampling

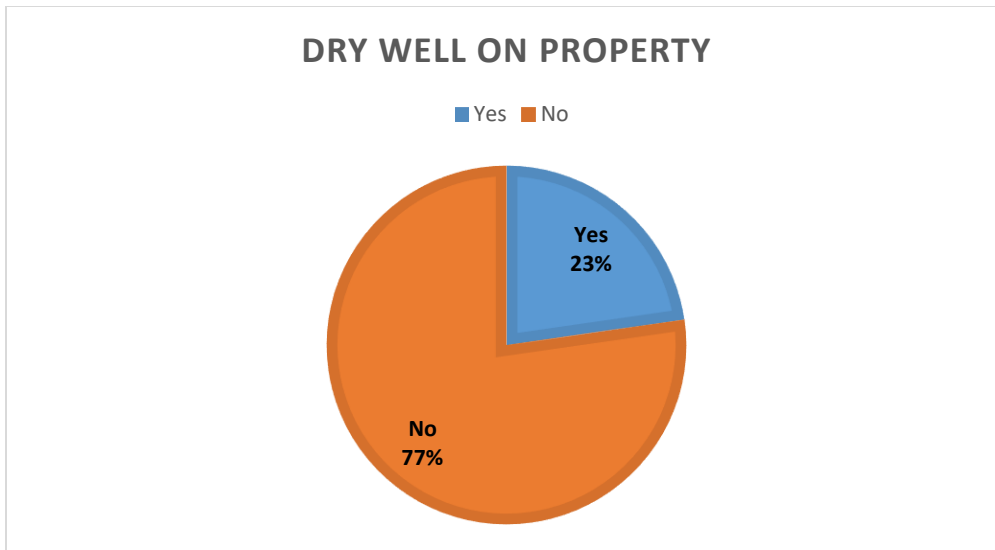
Respondents were also asked if they had recently sampled their water for possible water quality issues. Of the 22 total, 17 had recently sampled their water, four had not and one was unsure. Responses are summarized in the chart below.



Only one respondent reported high nitrate levels, and one reported that they had high levels of certain contaminants but were unsure which they were. Two reported issues with secondary contaminants such as iron. A few renters did not have access to results, and others could not recall the results of their water sampling. Of the 22 respondents, 12 supplement their water with bottled water.

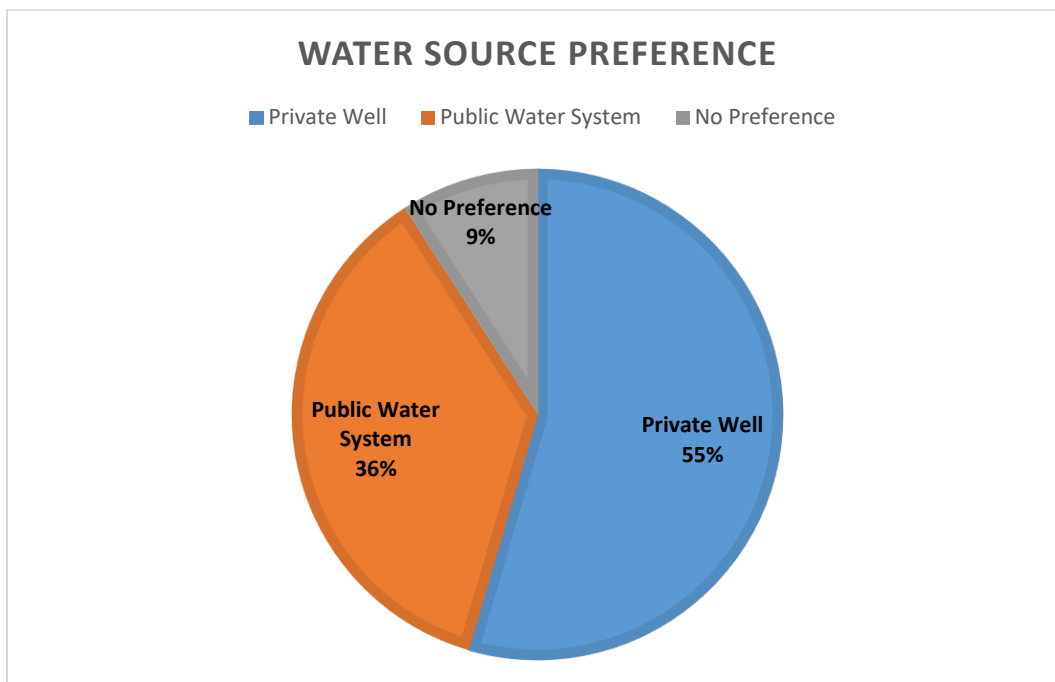
C. Dry Wells on Property

Information was collected about whether there had ever been a dry well on the properties. Five respondents reported having a dry well currently or in the recent past. Of the five with dry wells, many were unsure of well depth or reasons why the wells ran dry.



D. Water Source Preference

Lastly, private well owners were asked their preference between a private well and a public water system as their source of water. Twelve respondents preferred to remain on private wells, eight preferred a public water system, and two did not have a preference. Responses are summarized below.

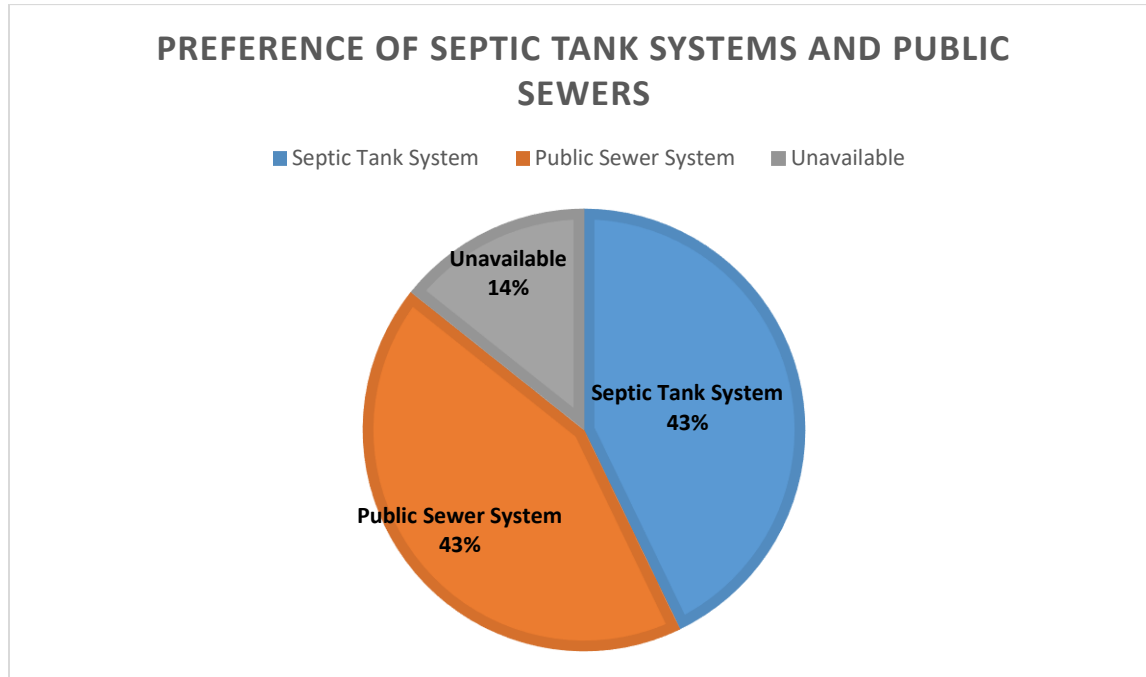


IV. Individual Septic Tank Information

Fourteen individual septic system users provided information, of which 11 have a community water system and three have private wells. When asked if the community had issues with their private septic systems, five of the 14 responded that they did have issues. Some of those issues include residents pumping their own systems onto their yards due to cost of septic system pumping and the need for new leach lines in systems.

The survey also collected data on how often the septic systems are maintained. Six indicated that the septic systems are maintained by individual property owners, so they did not have information about maintenance. For the others, answers included every one to two weeks, monthly, yearly, or every four years.

Finally, respondents were asked for their preference between a septic tank system and a public sewer system. Two did not provide a response, and the remainder were split evenly between the two options. The chart below summarizes the results.



V. Storm Water Information

There is insufficient data to analyze storm water issues in the communities. It appears that many respondents either did not select an option that would allow them to answer these questions or did not respond to the questions posed.

Appendix B

Needs Ranking Summary

Community Summary With Estimated Needs Assessment Score

IRWM Region: KAWEAH

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
PLAINVIEW MWC CENTRAL WATER	PLAINVIEW MWC CENTRAL WATER	138	42	SDAC	5	High Level of Need	Link
TONYVILLE	LSID - TONYVILLE	500	50	DAC	5	High Level of Need	Link
LEMON COVE	LEMON COVE SANITARY DISTRICT	109	60	SDAC	4	High Level of Need	Link
LINDSAY	CITY OF LINDSAY	14,200	2,959	SDAC	4	High Level of Need	Link
PAIGE-MOORE TRACT	CITY OF LINDSAY	954	289	SDAC	4	High Level of Need	Link
SIERRA SHADOWS MOBILE MANOR	CITY OF LINDSAY	75	30	SDAC	4	High Level of Need	Link
LONE OAK TRACT	CITY OF TULARE	186	50	SDAC	3	Moderate-High Level of Need	Link
MATHENY TRACT	CITY OF TULARE	1,980	325	SDAC	3	Moderate-High Level of Need	Link
SOULTS TRACT	SOULTS MUTUAL WATER CO.	120	36	SDAC	3	Moderate-High Level of Need	Link
TRACT 92	TRACT 92 C S D	500	93	SDAC	3	Moderate-High Level of Need	Link
TULARE	CITY OF TULARE	63,855	18,540	DAC	3	Moderate-High Level of Need	Link
COMMUNITY 290		69	21	SDAC	2	Moderate Level of Need	Link
COMMUNITY 321		33	10	SDAC	2	Moderate Level of Need	Link
COMMUNITY 415		50	15	SDAC	2	Moderate Level of Need	Link
EAST TULARE VILLA	CWS - TULCO WATER COMPANY	716	178	NOT DISADVANTAGED	2	Moderate Level of Need	Link
GOSHEN	CWS - VISALIA	2,794	697	DAC	2	Moderate Level of Need	Link
HYPERICUM - DOG TOWN		132	40	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
IVANHOE	IVANHOE PUBLIC UTILITY DIST	4,495	1,116	SDAC	2	Moderate Level of Need	Link
LINDCOVE		500	100	DAC	2	Moderate Level of Need	Link
NORTH OF VISALIA TRACT	CWS - VISALIA	70	27	DAC	2	Moderate Level of Need	Link
OKIEVILLE	OKIEVILLE HIGHLAND ACRES MWC	231	70	SDAC	2	Moderate Level of Need	Link
SOUTH LEMON COVE		243	105	DAC	2	Moderate Level of Need	Link
STRATHMORE	STRATHMORE PUBLIC UTIL DIST	2,150	471	SDAC	2	Moderate Level of Need	Link
STRATHMORE EAST	LSID-STRATHMORE SYSTEM	500	158	SDAC	2	Moderate Level of Need	Link
TOOLEVILLE	TOOLEVILLE WATER CO.	340	76	SDAC	2	Moderate Level of Need	Link
TULCO	CWS - TULCO WATER COMPANY	716	178	NOT DISADVANTAGED	2	Moderate Level of Need	Link
WAUKENA		99	30	DAC	2	Moderate Level of Need	Link
CAMERON CREEK COLONY	CITY OF FARMERSVILLE	350	100	DAC	1	Low Level of Need	Link
COMMUNITY 292		158	48	NOT DISADVANTAGED	1	Low Level of Need	Link
EILERS RANCH	EILERS RANCH	30	9	DAC	1	Low Level of Need	Link
EL RANCHO - TRACT 191	LSID - EL RANCHO	124	24	NOT DISADVANTAGED	1	Low Level of Need	Link
ELDERWOOD		59	18	NOT DISADVANTAGED	1	Low Level of Need	Link
FARMERSVILLE	CITY OF FARMERSVILLE	10,908	2,587	SDAC	1	Low Level of Need	Link
K ROAD ISLAND	CWS-VISALIA	182	55	NOT DISADVANTAGED	1	Low Level of Need	Link
LINNELL FARM LABOR CENTER	LINNELL FARM LABOR CENTER	772	195	SDAC	1	Low Level of Need	Link
MOUNTAIN VIEW M.H.P.	MOUNTAIN VIEW M.H.P.	44	24	NOT DISADVANTAGED	1	Low Level of Need	Link
OAK RANCH	CWS - OAK RANCH	675	270	DAC	1	Low Level of Need	Link
PATTERSON TRACT	PATTERSON TRACT C.S.D.	550	153	DAC	1	Low Level of Need	Link
PLAINVIEW	PLAINVIEW MUTUAL WATER COMPANY	617	187	SDAC	1	Low Level of Need	Link
ROYAL OAKS M H P	ROYAL OAKS M H P	300	151	NOT DISADVANTAGED	1	Low Level of Need	Link
SUNRISE MUTUAL WATER CO.	SUNRISE MUTUAL WATER CO.	80	39	DAC	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
TRACT 396	CWS - VISALIA	188	57	NOT DISADVANTAGED	1	Low Level of Need	Link
TULARE COUNTY WC TRACT NO. 381	TULARE COUNTY WC TRACT NO. 381	366	111	DAC	1	Low Level of Need	Link
TULARE COUNTY WC TRACTS 344 & 380	TULARE COUNTY WC TRACTS 344 & 380	785	238	DAC	1	Low Level of Need	Link
VISALIA	CWS-VISALIA	140,868	43,153	NOT DISADVANTAGED	1	Low Level of Need	Link
WEST GOSHEN	CWS-VISALIA	200	69	SDAC	1	Low Level of Need	Link
WESTLAKE VILLAGE M H P	CWS-VISALIA	350	139	NOT DISADVANTAGED	1	Low Level of Need	Link
WOODLAKE	WOODLAKE	7,950	1,799	SDAC	1	Low Level of Need	Link
BEDEL MUTUAL WATER CO.	BEDEL MUTUAL WATER CO.	155	66	NOT DISADVANTAGED	0	No Level of Need	Link
BOLLINGER MANOR APARTMENTS	BOLLINGER MANOR APARTMENTS	75	26	NOT DISADVANTAGED	0	No Level of Need	Link
FAIRWAY	CWS - FAIRWAY	102	31	NOT DISADVANTAGED	0	No Level of Need	Link
HILLSIDE TRAILER PARK	HILLSIDE TRAILER PARK	40	12	NOT DISADVANTAGED	0	No Level of Need	Link
HODGES WATER CO	HODGES WATER CO	112	34	NOT DISADVANTAGED	0	No Level of Need	Link
LINDA LOMA RANCH	LINDA LOMA RANCH	13	4	NOT DISADVANTAGED	0	No Level of Need	Link
THE LAKES	THE LAKES	495	70	NOT DISADVANTAGED	0	No Level of Need	Link
WELLS TRACT	CITY OF WOODLAKE	195	59	NOT DISADVANTAGED	0	No Level of Need	Link
WILLOW GLEN MOBILE ESTATES	WILLOW GLEN MOBILE ESTATES	310	94	NOT DISADVANTAGED	0	No Level of Need	Link
YOKOHL	YOKOHL MUTUAL WATER CO.	95	32	NOT DISADVANTAGED	0	No Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: KERN

Last Data Update Was 05/15/2020

Water Board Proposition 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
EAST WILSON ROAD	EAST WILSON ROAD WATER COMPANY	35	14	SDAC	5	High Level of Need	Link
SAN JOAQUIN ESTATES	SAN JOAQUIN ESTATES MWC	165	61	DAC	5	High Level of Need	Link
WILSON ROAD	WILSON ROAD WATER COMMUNITY	72	20	DAC	5	High Level of Need	Link
WINI MUTUAL WATER COMPANY	WINI MUTUAL WATER COMPANY	29	12	DAC	5	High Level of Need	Link
ARVIN LABOR CENTER	LAMONT PUBLIC UTILITY DIST	720	136	SDAC	4	High Level of Need	Link
ATHAL	ATHAL MWC	150	64	SDAC	4	High Level of Need	Link
GOOSELAKE WATER COMPANY	GOOSELAKE WATER COMPANY	90	32	NOT DISADVANTAGED	4	High Level of Need	Link
LAKE OF THE WOODS	LAKE OF THE WOODS MWC	1,053	389	DAC	4	High Level of Need	Link
LAKE OF THE WOODS MHP	LAKE OF THE WOODS MWC	82	86	DAC	4	High Level of Need	Link
LAKEVIEW RANCHOS	LAKEVIEW RANCHOS	120	71	SDAC	4	High Level of Need	Link
LEBEC	LEBEC COUNTY WATER DISTRICT	1,468	299	SDAC	4	High Level of Need	Link
METTLER	METTLER	157	43	SDAC	4	High Level of Need	Link
RAINBIRD VALLEY	RAINBIRD VALLEY MWC	238	85	SDAC	4	High Level of Need	Link
SOUTH KERN	SOUTH KERN MUTUAL WATER COMPANY	32	15	NOT DISADVANTAGED	4	High Level of Need	Link
WEEDPATCH	LAMONT PUBLIC UTILITY DISTRICT	2,658	422	SDAC	4	High Level of Need	Link
BELLA VISTA	BELLA VISTA MWC	150	46	SDAC	3	Moderate-High Level of Need	Link
BROCK MUTUAL WC	BAKERSFIELD	511	155	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
COUNTRY ESTATES	EAST NILES CSD	350	88	DAC	3	Moderate-High Level of Need	Link
EAST NILES	EAST NILES CSD	31,772	7,846	SDAC	3	Moderate-High Level of Need	Link
EDMUNDSON ACRES	ARVIN COMMUNITY SERVICES DISTRICT	279	84	DAC	3	Moderate-High Level of Need	Link
EL ADOBE POA, INC	EL ADOBE POA, INC.	200	80	SDAC	3	Moderate-High Level of Need	Link
FULLER ACRES	FULLER ACRES MWC	545	165	SDAC	3	Moderate-High Level of Need	Link
GREENFIELD COUNTY WD	GREENFIELD COUNTY WD	9,900	3,021	DAC	3	Moderate-High Level of Need	Link
HUNGRY GULCH	HUNGRY GULCH WATER SYSTEM	36	38	SDAC	3	Moderate-High Level of Need	Link
KRANENBURG	KRANENBURG WATER SYSTEM	42	15	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
MAHER	MAHER MUTUAL WATER COMPANY	150	50	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
MITCHELLS CORNER	ARVIN COMMUNITY SERVICES DIST	32	16	DAC	3	Moderate-High Level of Need	Link
MUSTANG	MUSTANG MUTUAL WATER SYSTEM	200	51	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
NORD ROAD	NORD ROAD WATER ASSOCIATION	32	16	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
OASIS PROPERTY OWNERS ASSOCIATION	OASIS PROPERTY OWNERS ASSOCIATION	100	39	DAC	3	Moderate-High Level of Need	Link
OLD RIVER	OLD RIVER MUTUAL WATER COMPANY	48	14	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
PONDEROSA PINE	CWS - KERNVILLE SYSTEM	93	29	SDAC	3	Moderate-High Level of Need	Link
R.S. MUTUAL WATER COMPANY	R.S. MUTUAL WATER COMPANY	67	24	SDAC	3	Moderate-High Level of Need	Link
VICTORY MWC	VICTORY MUTUAL WATER COMPANY	740	173	DAC	3	Moderate-High Level of Need	Link
ALTA SIERRA	ALTA SIERRA MUTUAL WATER CO.	80	224	SDAC	2	Moderate Level of Need	Link
BONANZA FARMS	BONANZA FARMS WATER SYSTEM	80	17	SDAC	2	Moderate Level of Need	Link
CANYON MEADOWS	CANYON MEADOWS MUTUAL WATER	394	141	SDAC	2	Moderate Level of Need	Link
CLARK STREET COMMUNITY WELL	CLARK STREET COMMUNITY WELL	25	16	SDAC	2	Moderate Level of Need	Link
COMMUNITY 2751		165	50	SDAC	2	Moderate Level of Need	Link
COMMUNITY 362		36	11	SDAC	2	Moderate Level of Need	Link
COMMUNITY 392		594	180	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
COMMUNITY 421		33	10	DAC	2	Moderate Level of Need	Link
ERSKINE CREEK WC	ERSKINE CREEK WC	2,500	1,031	SDAC	2	Moderate Level of Need	Link
FORD CITY	WEST KERN CWD	4,278	1,510	SDAC	2	Moderate Level of Need	Link
FOURTH STREET	FOURTH STREET WATER SYSTEM	54	28	SDAC	2	Moderate Level of Need	Link
FRAZIER PARK	FRAZIER PARK PUBLIC UTILITY DISTRICT	2,691	1,290	SDAC	2	Moderate Level of Need	Link
GLENNVILLE	LINNS COURT MUTUAL WATER	198	60	SDAC	2	Moderate Level of Need	Link
HARVEST MOON	HARVEST MOON MUTUAL WATER CO	138	46	NOT DISADVANTAGED	2	Moderate Level of Need	Link
HAVILAH		79	24	DAC	2	Moderate Level of Need	Link
JUNIPER HILLS	LAKE ISABELLA CSD	177	58	SDAC	2	Moderate Level of Need	Link
KERNOVALE	KRVWC - KERNOVALE MUTUAL WATER CO	75	31	SDAC	2	Moderate Level of Need	Link
KRISTA MUTUAL WATER COMPANY	KRISTA MUTUAL WATER COMPANY	462	170	SDAC	2	Moderate Level of Need	Link
LAKE ISABELLA	LAKE ISABELLA CSD	500	129	SDAC	2	Moderate Level of Need	Link
LAKELAND	CWS - LAKELAND	268	205	SDAC	2	Moderate Level of Need	Link
LAMONT	LAMONT PUBLIC UTILITY DIST	19,057	3,300	SDAC	2	Moderate Level of Need	Link
LONG CANYON	LONG CANYON WATER COMPANY	120	65	SDAC	2	Moderate Level of Need	Link
LOST HILLS	LOST HILLS UTILITY DISTRICT	2,412	424	SDAC	2	Moderate Level of Need	Link
LOWER BODFISH	CWS - LOWER BODFISH WATER SYSTEM	344	520	SDAC	2	Moderate Level of Need	Link
MANON MANOR	MANON MANOR MUTUAL WATER COMPANY	200	55	NOT DISADVANTAGED	2	Moderate Level of Need	Link
MARICOPA	CITY OF MARICOPA	1,115	393	SDAC	2	Moderate Level of Need	Link
MCKITTRICK	WEST KERN CWD	146	57	DAC	2	Moderate Level of Need	Link
MIRASOL COMPANY WATER SYSTEM	MIRASOL COMPANY WATER SYSTEM	29	12	SDAC	2	Moderate Level of Need	Link
MOUNTAIN MESA	MOUNTAIN MESA WC	777	404	SDAC	2	Moderate Level of Need	Link
OILDALE	OILDALE MUTUAL WATER COMPANY	34,133	9,863	SDAC	2	Moderate Level of Need	Link
ONYX	CWS-ONYX	266	192	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
OPAL FRY AND SON	OPAL FRY AND SON	40	13	SDAC	2	Moderate Level of Need	Link
ORANGE GROVE RV PARK	ORANGE GROVE RV PARK	204	180	NON COMMUNITY	2	Moderate Level of Need	Link
PANAMA ROAD PROPERTY OWNERS ASSOCIATION	PANAMA ROAD PROPERTY OWNERS ASSOCIATION	50	16	SDAC	2	Moderate Level of Need	Link
PINE MOUNTAIN CLUB	MIL POTRERO MUTUAL WATER COMPANY	1,600	2,325	DAC	2	Moderate Level of Need	Link
PINEBROOK	PINEBROOK COMMUNITY WATER WELL	84	42	SDAC	2	Moderate Level of Need	Link
PINON HILL WATER COMPANY	PINON HILL WATER COMPANY	109	38	DAC	2	Moderate Level of Need	Link
PINON PINES MWC	PINON PINES MWC	644	273	DAC	2	Moderate Level of Need	Link
REEDER TRACT	ERSKINE CREEK WC	500	300	SDAC	2	Moderate Level of Need	Link
REXLAND ACRES	CWS - BAKERSFIELD	4,029	1,221	SDAC	2	Moderate Level of Need	Link
RIVERDALE VILLAGE	RIVERDALE VILLAGE	750	290	SDAC	2	Moderate Level of Need	Link
ROUND MOUNTAIN	ROUND MOUNTAIN WATER COMPANY	50	17	NOT DISADVANTAGED	2	Moderate Level of Need	Link
SCHWEIKART	SCHWEIKART WATER SYSTEM	37	8	NOT DISADVANTAGED	2	Moderate Level of Need	Link
SHADY LANE MOBILE PARK	LAKE ISABELLA CSD	30	28	SDAC	2	Moderate Level of Need	Link
SIERRA MEADOWS	SIERRA MEADOWS	68	51	SDAC	2	Moderate Level of Need	Link
SOUTH FORK GRAMMAR SCHOOL	SOUTH FORK ELEMENTARY SCHOOL	150	1	SDAC	2	Moderate Level of Need	Link
SOUTH FORK MIDDLE SCHOOL	SOUTH FORK MIDDLE SCHOOL	205	1	SDAC	2	Moderate Level of Need	Link
SOUTH TAFT	WEST KERN CWD	2,169	602	DAC	2	Moderate Level of Need	Link
SPLIT MOUNTAIN	CWS - SPLIT MOUNTAIN WATER SYSTEM	209	162	SDAC	2	Moderate Level of Need	Link
TAFT	CITY OF TAFT	9,425	2,428	DAC	2	Moderate Level of Need	Link
TAFT HEIGHTS	WEST KERN CWD	1,802	793	DAC	2	Moderate Level of Need	Link
TRADEWINDS	TRADEWINDS	632	234	SDAC	2	Moderate Level of Need	Link
TUPMAN	WEST KERN CWD	153	74	SDAC	2	Moderate Level of Need	Link
UPPER BODFISH	CWS - UPPER BODFISH WATER SYSTEM	414	209	SDAC	2	Moderate Level of Need	Link
V.R. S TRAILER PARK	V.R. S TRAILER PARK	30	27	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
VALLEY ACRES	WEST KERN CWD	336	140	DAC	2	Moderate Level of Need	Link
WEGIS	WEGIS WATER SYSTEM	51	23	NOT DISADVANTAGED	2	Moderate Level of Need	Link
WEST MARICOPA	WEST KERN CWD	80	34	DAC	2	Moderate Level of Need	Link
WEST TEHACHAPI	WEST TEHACHAPI MUTUAL	150	36	DAC	2	Moderate Level of Need	Link
WHEELER FARMS	WHEELER FARMS HEADQUARTERS	25	10	NOT DISADVANTAGED	2	Moderate Level of Need	Link
WOODY		116	35	SDAC	2	Moderate Level of Need	Link
AGAPE MUTUAL WATER SYSTEM	AGAPE MUTUAL WATER SYSTEM	42	16	NOT DISADVANTAGED	1	Low Level of Need	Link
ARDEN	CWS - ARDEN WATER COMPANY	2,778	1,263	SDAC	1	Low Level of Need	Link
ARVIN	ARVIN COMMUNITY SERVICES DISTRICT	20,499	3,776	SDAC	1	Low Level of Need	Link
BAKERSFIELD	BAKERSFIELD	143,917	44,554	NOT DISADVANTAGED	1	Low Level of Need	Link
BEAR VALLEY	BEAR VALLEY CSD	6,800	2,958	NOT DISADVANTAGED	1	Low Level of Need	Link
BLACKWELLS CORNER		148	45	SDAC	1	Low Level of Need	Link
BOULDER CANYON	CWS - KERNVILLE SYSTEM	30	19	SDAC	1	Low Level of Need	Link
BURLANDO HEIGHTS	BURLANDO HEIGHTS MUTUAL WATER CO.	45	42	SDAC	1	Low Level of Need	Link
BUTTONWILLOW	BUTTONWILLOW CWD	1,508	435	SDAC	1	Low Level of Need	Link
CASA LOMA WATER CO, INC.	CASA LOMA WATER CO, INC.	900	248	SDAC	1	Low Level of Need	Link
CHOCTAW VALLEY	CHOCTAW VALLEY MUTUAL WATER CO.	44	18	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 427		2,475	750	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 493		33	10	NOT DISADVANTAGED	1	Low Level of Need	Link
COUNTRYWOOD	CWS - COUNTRYWOOD SYSTEM	238	68	SDAC	1	Low Level of Need	Link
CYPRESS CANYON	CYPRESS CANYON WATER SYSTEM	50	29	SDAC	1	Low Level of Need	Link
DE RANCHO Y MOBILE VILLA WATER	DE RANCHO Y MOBILE VILLA WATER	200	90	NOT DISADVANTAGED	1	Low Level of Need	Link
DERBY ACRES	WEST KERN CWD	338	116	NOT DISADVANTAGED	1	Low Level of Need	Link
DUSTIN ACRES	WEST KERN CWD	764	244	NOT DISADVANTAGED	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
EL RITA		43	13	NOT DISADVANTAGED	1	Low Level of Need	Link
FAIRVIEW WATER COMPANY, LLC	FAIRVIEW WATER COMPANY, LLC	240	72	NOT DISADVANTAGED	1	Low Level of Need	Link
HART FLAT BEAR	HART FLAT BEAR MWC	56	28	NOT DISADVANTAGED	1	Low Level of Need	Link
HILLVIEW ACRES	HILLVIEW ACRES	40	47	SDAC	1	Low Level of Need	Link
KEENE	UNION PACIFIC RAILROAD CO.-KEENE WATER	147	25	NOT DISADVANTAGED	1	Low Level of Need	Link
KERN VALLEY MUTUAL WATER	KERN VALLEY MUTUAL WATER	47	47	SDAC	1	Low Level of Need	Link
KERNVILLE	CWS - KERNVILLE SYSTEM	2,491	1,796	SDAC	1	Low Level of Need	Link
OAK KNOLLS MUTUAL WATER COMPANY	OAK KNOLLS MUTUAL WATER COMPANY	123	47	SDAC	1	Low Level of Need	Link
PARADISE COVE LODGE	PARADISE COVE LODGE	52	4	NON COMMUNITY	1	Low Level of Need	Link
RIVERKERN	RIVERKERN MUTUAL WATER COMPANY	336	114	SDAC	1	Low Level of Need	Link
RIVERNOOK MHP	RIVERNOOK CAMPGROUND	535	290	SDAC	1	Low Level of Need	Link
RIVERVIEW HOMEOWNERS ASSOCIATION	RIVERVIEW HOMEOWNERS ASSOCIATION	40	20	NOT DISADVANTAGED	1	Low Level of Need	Link
SIERRA BELLA	SIERRA BELLA MUTUAL WATER COMPANY	60	180	SDAC	1	Low Level of Need	Link
SKI WEST VILLAGE WATER SYSTEM	SKI WEST VILLAGE WATER SYSTEM	101	35	NON COMMUNITY	1	Low Level of Need	Link
SON SHINE PROPERTIES	SON SHINE WS	250	106	NOT DISADVANTAGED	1	Low Level of Need	Link
SOUTH FORK WOMAN S CLUB, INC.	SOUTH FORK WOMAN S CLUB, INC.	60	1	NON COMMUNITY	1	Low Level of Need	Link
SOUTH LAKE	CWS SOUTHLAKE SQUIRREL VALLEY SYSTEM	1,379	1,076	SDAC	1	Low Level of Need	Link
SQUIRREL MOUNTAIN VALLEY	CWS SOUTHLAKE SQUIRREL VALLEY SYSTEM	1,379	1,076	DAC	1	Low Level of Need	Link
ST. CLAIR RANCHOS	ST. CLAIR RANCHOS MUTUAL WATER CO.	105	32	NOT DISADVANTAGED	1	Low Level of Need	Link
STALLION SPRINGS	STALLION SPRINGS CSD	3,250	1,115	NOT DISADVANTAGED	1	Low Level of Need	Link
STOCKDALE RANCHOS	STOCKDALE RANCHOS MUTUAL WATER CO	313	95	NOT DISADVANTAGED	1	Low Level of Need	Link
STOCO	STOCO MUTUAL WATER COMPANY	85	6	NOT DISADVANTAGED	1	Low Level of Need	Link
TEHACHAPI	CITY OF TEHACHAPI	8,839	41	DAC	1	Low Level of Need	Link
TEJON-CASTAIC	TEJON-CASTAIC WATER DISTRICT	30,250	83	NOT DISADVANTAGED	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
TWIN PINES MOBILEHOME PARK	BAKERSFIELD	92	40	NOT DISADVANTAGED	1	Low Level of Need	Link
UPLANDS OF THE KERN	UPLANDS OF THE KERN MUTUAL WATER COMPANY	80	20	NOT DISADVANTAGED	1	Low Level of Need	Link
VALLEY ESTATES	VALLEY ESTATES POA, INC.	302	113	SDAC	1	Low Level of Need	Link
A.F.P. MUTUAL WATER COMPANY	A.F.P. MUTUAL WATER COMPANY	588	234	NOT DISADVANTAGED	0	No Level of Need	Link
ALLEN ROAD	ALLEN ROAD MUTUAL WATER SYSTEM	195	59	NOT DISADVANTAGED	0	No Level of Need	Link
BRITE LAKE	BRITE LAKE COMMUNITY ASSOCIATION	89	27	NOT DISADVANTAGED	0	No Level of Need	Link
ENOS LANE PUD	ENOS LANE PUBLIC UTILITY DISTRICT	270	89	NOT DISADVANTAGED	0	No Level of Need	Link
FRONTIER TRAIL HOMEOWNERS ASSOC, INC.	FRONTIER TRAIL HOMEOWNERS ASSOC, INC.	32	32	NOT DISADVANTAGED	0	No Level of Need	Link
FRUITVALE MOBILE HOME PARK	FRUITVALE MOBILE HOME PARK	25	10	NOT DISADVANTAGED	0	No Level of Need	Link
GOLDEN HILLS	CSD OF GOLDEN HILLS	8,883	2,845	NOT DISADVANTAGED	0	No Level of Need	Link
GOSFORD ROAD WATER COMPANY	GOSFORD ROAD WATER COMPANY	50	15	NOT DISADVANTAGED	0	No Level of Need	Link
GRAND OAKS	CWS - GRAND OAKS WATER SYSTEM	149	45	NOT DISADVANTAGED	0	No Level of Need	Link
HART CREEK ESTATES MUTUAL WATER CO.	HART CREEK ESTATES MUTUAL WATER CO.	140	56	NOT DISADVANTAGED	0	No Level of Need	Link
MANGUS WATER SYSTEM	MANGUS WATER SYSTEM	25	5	NOT DISADVANTAGED	0	No Level of Need	Link
RANCHOS DEL RIO	RANCHOS DEL RIO	62	24	NOT DISADVANTAGED	0	No Level of Need	Link
ROWLAND MUTUAL	ROWLAND MUTUAL WATER COMPANY	120	23	NOT DISADVANTAGED	0	No Level of Need	Link
STOCKDALE ANNEX MUTUAL WATER	STOCKDALE ANNEX MUTUAL WATER	433	143	NOT DISADVANTAGED	0	No Level of Need	Link
STOCKDALE MUTUAL WATER CO.	STOCKDALE MUTUAL WATER CO.	200	81	NOT DISADVANTAGED	0	No Level of Need	Link
TEHACHAPI CUMMINGS	TEHACHAPI CUMMINGS COUNTY WATER DISTRICT	28	3	NON COMMUNITY	0	No Level of Need	Link
TOWN & COUNTRY	TOWN & COUNTRY WATER COMPANY	73	22	NOT DISADVANTAGED	0	No Level of Need	Link
VALLEY VIEW ESTATES	VALLEY VIEW ESTATES MWC	112	50	NOT DISADVANTAGED	0	No Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: KINGS BASIN

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
GLEANINGS FOR THE HUNGRY	GLEANINGS FOR THE HUNGRY	31	12	SDAC	5	High Level of Need	Link
ALICE MANOR	ALICE MANOR	46	1	DAC	4	High Level of Need	Link
EAST OROSI	EAST OROSI C.S.D.	700	106	SDAC	4	High Level of Need	Link
BELMONT WATER CORPORATION	BELMONT WATER CORPORATION	112	46	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
CAMDEN TRAILER PARK	CAMDEN TRAILER PARK	75	25	DAC	3	Moderate-High Level of Need	Link
DEL REY	DEL REY COMMUNITY SERV DIST	1,500	240	SDAC	3	Moderate-High Level of Need	Link
DOUBLE L MOBILE RANCH PARK	DOUBLE L MOBILE RANCH PARK	80	37	SDAC	3	Moderate-High Level of Need	Link
EL MONTE VILLAGE M.H.P.	EL MONTE VILLAGE M.H.P.	100	49	DAC	3	Moderate-High Level of Need	Link
FOWLER	CITY OF FOWLER	5,801	1,784	DAC	3	Moderate-High Level of Need	Link
HOME GARDEN	HOME GARDEN CSD	1,750	502	SDAC	3	Moderate-High Level of Need	Link
LINDA VISTA FARMS	LINDA VISTA FARMS	63	17	SDAC	3	Moderate-High Level of Need	Link
LONDON	LONDON COMMUNITY SERV DIST	2,138	439	SDAC	3	Moderate-High Level of Need	Link
THREE PALMS MOBILEHOME PARK	THREE PALMS MOBILEHOME PARK	300	105	DAC	3	Moderate-High Level of Need	Link
TRAVER	TRAVER WATER LLC	634	187	SDAC	3	Moderate-High Level of Need	Link
WATERTEK-METROPOLITAN	WATERTEK-METROPOLITAN	99	29	SDAC	3	Moderate-High Level of Need	Link
ALKALI FLATS		100	100	SDAC	2	Moderate Level of Need	Link
ARMONA	ARMONA COMMUNITY SERVICES DIST	4,143	1,345	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
BAKMAN WATER COMPANY	BAKMAN WATER COMPANY	16,756	2,505	NOT DISADVANTAGED	2	Moderate Level of Need	Link
BELMONT MANOR	FCSA #14/BELMONT MANOR	115	41	NOT DISADVANTAGED	2	Moderate Level of Need	Link
BERAN WAY	FCSA #39 A&B	100	41	DAC	2	Moderate Level of Need	Link
BRITTEN		89	27	DAC	2	Moderate Level of Need	Link
BURREL		16	16	DAC	2	Moderate Level of Need	Link
CALWA	CITY OF FRESNO	227	227	SDAC	2	Moderate Level of Need	Link
CARUTHERS	CARUTHERS COMM SERV DIST	2,503	672	SDAC	2	Moderate Level of Need	Link
COMMUNITY 152		877	266	SDAC	2	Moderate Level of Need	Link
COMMUNITY 168		69	21	SDAC	2	Moderate Level of Need	Link
COMMUNITY 173		49	13	DAC	2	Moderate Level of Need	Link
COMMUNITY 178		148	45	DAC	2	Moderate Level of Need	Link
COMMUNITY 180		59	18	DAC	2	Moderate Level of Need	Link
COMMUNITY 186		59	18	SDAC	2	Moderate Level of Need	Link
COMMUNITY 192		33	10	SDAC	2	Moderate Level of Need	Link
COMMUNITY 197		49	15	SDAC	2	Moderate Level of Need	Link
COMMUNITY 204		66	20	SDAC	2	Moderate Level of Need	Link
COMMUNITY 214		42	13	SDAC	2	Moderate Level of Need	Link
COMMUNITY 215		53	16	SDAC	2	Moderate Level of Need	Link
COMMUNITY 216		63	19	SDAC	2	Moderate Level of Need	Link
COMMUNITY 219		49	15	DAC	2	Moderate Level of Need	Link
COMMUNITY 227	CITY OF SELMA	35	11	SDAC	2	Moderate Level of Need	Link
COMMUNITY 235		72	22	SDAC	2	Moderate Level of Need	Link
COMMUNITY 236		35	10	DAC	2	Moderate Level of Need	Link
COMMUNITY 2512	CITY OF DINUBA	16	5	DAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
DALEVILLE		138	42	SDAC	2	Moderate Level of Need	Link
DATE STREET	CITY OF KERMAN	22	22	SDAC	2	Moderate Level of Need	Link
DINUBA	CITY OF DINUBA	24,657	5,905	SDAC	2	Moderate Level of Need	Link
DOUBLE L NEIGHBORHOOD		70	35	SDAC	2	Moderate Level of Need	Link
DOYAL'S MOBILE HOME PARK	DOYAL'S MOBILE HOME PARK	24	15	DAC	2	Moderate Level of Need	Link
EASTON		1,966	623	DAC	2	Moderate Level of Need	Link
ELM COURT	ELM COURT	64	14	DAC	2	Moderate Level of Need	Link
FRED RAU DAIRY	FRED RAU DAIRY	85	24	DAC	2	Moderate Level of Need	Link
FRESNO	CITY OF FRESNO	527,438	132,981	DAC	2	Moderate Level of Need	Link
GREEN ACRES MOBILE HOME ESTATE	GREEN ACRES MOBILE HOME ESTATE	350	112	DAC	2	Moderate Level of Need	Link
HAMBLIN	CITY OF HANFORD	240	75	DAC	2	Moderate Level of Need	Link
HARDWICK	HARDWICK WATER COMPANY	40	16	SDAC	2	Moderate Level of Need	Link
KINGS PARK APARTMENTS	KINGS PARK APARTMENTS	120	40	DAC	2	Moderate Level of Need	Link
KINGSBURG	CITY OF KINGSBURG	11,504	3,549	NOT DISADVANTAGED	2	Moderate Level of Need	Link
LACEY COURTS MHP	CITY OF HANFORD	50	21	DAC	2	Moderate Level of Need	Link
LANARE	LANARE COMMUNITY SERVICES DIST	660	155	SDAC	2	Moderate Level of Need	Link
LOPEZ LABOR CAMP	LOPEZ LABOR CAMP	50	25	SDAC	2	Moderate Level of Need	Link
MAYFAIR	CITY OF FRESNO	4,589	132,981	DAC	2	Moderate Level of Need	Link
MONMOUTH		120	37	SDAC	2	Moderate Level of Need	Link
MONSON	SULTANA C.S.D.	140	34	DAC	2	Moderate Level of Need	Link
NEW HORIZONS MOBILE/RV PARK	NEW HORIZONS MOBILE/RV PARK	70	66	SDAC	2	Moderate Level of Need	Link
NORSEMAN M.H.P.	CITY OF KINGSBURG	70	31	NOT DISADVANTAGED	2	Moderate Level of Need	Link
ORANGE COVE	ORANGE COVE	9,780	1,485	SDAC	2	Moderate Level of Need	Link
OROSI	OROSI PUBLIC UTILITY DISTRICT	8,770	1,631	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
PERRY COLONY		50	50	DAC	2	Moderate Level of Need	Link
RAISIN CITY	FCSA #43/RAISIN CITY	190	64	SDAC	2	Moderate Level of Need	Link
REEDLEY	CITY OF REEDLEY	24,842	5,964	DAC	2	Moderate Level of Need	Link
RIO VISTA MOBILE HOME PARK	RIO VISTA MOBILE HOME PARK	20	15	DAC	2	Moderate Level of Need	Link
ROLINDA		20	20	SDAC	2	Moderate Level of Need	Link
RUBYS VALLEY CARE HOME	RUBYS VALLEY CARE HOME	75	1	SDAC	2	Moderate Level of Need	Link
SANGER	CITY OF SANGER	25,664	6,210	DAC	2	Moderate Level of Need	Link
SELMA	CITY OF SELMA	25,329	6,282	DAC	2	Moderate Level of Need	Link
SHADY ACRE TRAILER PARK	CITY OF FRESNO	50	1	SDAC	2	Moderate Level of Need	Link
SHADY LAKES MOBILE HOME PARK	SHADY LAKES MOBILE HOME PARK	160	60	SDAC	2	Moderate Level of Need	Link
SULTANA	SULTANA C.S.D.	775	249	SDAC	2	Moderate Level of Need	Link
SUNNYSIDE CONVALESCENT HOSP	SUNNYSIDE CONVALESCENT HOSP	198	3	DAC	2	Moderate Level of Need	Link
TAFOYA WATER SYSTEM	YETTEM WATER SYSTEM	350	64	DAC	2	Moderate Level of Need	Link
TODD'S TRAILER COURT	CITY OF FRESNO	50	1	SDAC	2	Moderate Level of Need	Link
TRACT 1199 WATER SYSTEM	TRACT 1199 WATER SYSTEM	25	10	SDAC	2	Moderate Level of Need	Link
TRANQUILLITY	TRANQUILLITY	897	326	SDAC	2	Moderate Level of Need	Link
WEST PARK	FCSA #39 A&B	250	100	DAC	2	Moderate Level of Need	Link
WOODWARD BLUFFS MHP	WOODWARD BLUFFS MHP	300	172	DAC	2	Moderate Level of Need	Link
YETTEM	YETTEM	350	64	DAC	2	Moderate Level of Need	Link
ZONNEVELD DAIRY	ZONNEVELD DAIRY	70	19	SDAC	2	Moderate Level of Need	Link
BAR 20 PARTNER	BAR 20 PARTNER	60	15	SDAC	1	Low Level of Need	Link
BIOLA	BIOLA CSD	1,623	300	SDAC	1	Low Level of Need	Link
BOWLES		35	35	NOT DISADVANTAGED	1	Low Level of Need	Link
CENTERVILLE	FREEWATER COUNTY WD	42	14	NOT DISADVANTAGED	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
CLOVIS	CITY OF CLOVIS	103,871	32,571	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 206		56	17	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 218		60	18	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 232		35	11	NOT DISADVANTAGED	1	Low Level of Need	Link
COMMUNITY 2489		59	18	NOT DISADVANTAGED	1	Low Level of Need	Link
COUNTRY VIEW ALZHEIMER CENTER	COUNTRY VIEW ALZHEIMER CENTER	125	2	NOT DISADVANTAGED	1	Low Level of Need	Link
CUTLER	CUTLER PUD	6,200	1,218	SDAC	1	Low Level of Need	Link
DELFT COLONY	DELFT COLONY WATER	400	99	DAC	1	Low Level of Need	Link
EASTON ESTATES WATER COMPANY	EASTON ESTATES WATER COMPANY	302	106	DAC	1	Low Level of Need	Link
FOUR SEASONS MOBILE HOME PARK	CITY OF HANFORD	60	60	NOT DISADVANTAGED	1	Low Level of Need	Link
GARDEN APARTMENTS	GARDEN APARTMENTS	35	10	SDAC	1	Low Level of Need	Link
GEORGE COX WATER SYSTEM	GEORGE COX WATER SYSTEM	40	20	SDAC	1	Low Level of Need	Link
GRANGEVILLE		469	162	NOT DISADVANTAGED	1	Low Level of Need	Link
GRAVESBORO		45	30	NOT DISADVANTAGED	1	Low Level of Need	Link
KAMM RANCH COMPANY	KAMM RANCH COMPANY	20	3	DAC	1	Low Level of Need	Link
LATON	LATON CSD	1,824	331	SDAC	1	Low Level of Need	Link
MADDOX DAIRY	MADDOX DAIRY	50	15	SDAC	1	Low Level of Need	Link
MALAGA	MALAGA COUNTY WATER DISTRICT	947	509	DAC	1	Low Level of Need	Link
PARLIER	CITY OF PARLIER	12,058	2,505	SDAC	1	Low Level of Need	Link
PINEDALE	PINEDALE COUNTY WATER DISTRICT	16,735	3,541	DAC	1	Low Level of Need	Link
RIVERDALE	RIVERDALE PUD	3,145	930	SDAC	1	Low Level of Need	Link
SAN JOAQUIN	SAN JOAQUIN	4,060	701	SDAC	1	Low Level of Need	Link
SEVILLE	SEVILLE WATER CO. - TULARE COUNTY RECIEVER	400	77	SDAC	1	Low Level of Need	Link
SIERRA MOBILE HOME PARK	SIERRA MOBILE HOME PARK	250	128	DAC	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
SUNNYSIDE	CITY OF FRESNO	4,235	132,981	NOT DISADVANTAGED	1	Low Level of Need	Link
SUNSET WEST MOBILE HOME PARK	SUNSET WEST MOBILE HOME PARK	350	159	DAC	1	Low Level of Need	Link
TOMBSTONE TERRITORY		178	58	NOT DISADVANTAGED	1	Low Level of Need	Link
VIKING TRAILER PARK	VIKING TRAILER PARK	104	48	NON COMMUNITY	1	Low Level of Need	Link
WEST MCKINLEY WATER SYSTEM	WEST MCKINLEY WATER SYSTEM	40	12	DAC	1	Low Level of Need	Link
WESTBROOK MOBILE HOME PARK	WESTBROOK MOBILE HOME PARK	50	1	SDAC	1	Low Level of Need	Link
CUMORAH KNOLLS	FCSA #10/CUMORAH KNOLLS	132	47	NOT DISADVANTAGED	0	No Level of Need	Link
FAIRWAY MUTUAL WATER CO	FAIRWAY MUTUAL WATER CO	90	32	NOT DISADVANTAGED	0	No Level of Need	Link
FCSA #10A-MANSIONETTE ESTATES	FCSA #10A-MANSIONETTE ESTATES	81	29	NOT DISADVANTAGED	0	No Level of Need	Link
FCWWD #42	FCWWD #42	343	102	NOT DISADVANTAGED	0	No Level of Need	Link
KERMAN	CITY OF KERMAN	14,068	234	DAC	0	No Level of Need	Link
KINGS RIVER ESTATES	KINGS RIVER ESTATES	106	35	NOT DISADVANTAGED	0	No Level of Need	Link
MANNING GARDENS CONVALESCENT	MANNING GARDENS CONVALESCENT	144	1	NOT DISADVANTAGED	0	No Level of Need	Link
MANSIONETTE ESTATES	FCSA #10A-MANSIONETTE ESTATES	81	29	NOT DISADVANTAGED	0	No Level of Need	Link
MONTE VERDI	FCSA #44D-MONTE VERDI	344	118	NOT DISADVANTAGED	0	No Level of Need	Link
QUAIL LAKE ESTATES	FRESNO CSA NO. 47 (QUAIL LAKE ESTATES)	820	248	NOT DISADVANTAGED	0	No Level of Need	Link
RIVERBEND MOBILE HOME & RV PARK	RIVERBEND MOBILE HOME & RV PARK	400	46	NOT DISADVANTAGED	0	No Level of Need	Link
SANDY POINT MOBILE HOME PARK	SANDY POINT MOBILE HOME PARK	90	36	NOT DISADVANTAGED	0	No Level of Need	Link
SHERWOOD FOREST MHP	SHERWOOD FOREST MHP	126	50	NOT DISADVANTAGED	0	No Level of Need	Link
WILDWOOD ISLAND	FCSA #5/WILDWOOD ISLAND	417	144	NOT DISADVANTAGED	0	No Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: POSO CREEK

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
RODRIQUEZ LABOR CAMP	RODRIQUEZ LABOR CAMP	110	35	DAC	5	High Level of Need	Link
SIERRA VISTA ASSOCIATION	SIERRA VISTA ASSOCIATION	44	13	DAC	5	High Level of Need	Link
BISHOP ACRES	CITY OF SHAFTER	60	28	SDAC	4	High Level of Need	Link
CHEROKEE STRIP	CITY OF SHAFTER	132	40	SDAC	4	High Level of Need	Link
MAPLE SCHOOL	CITY OF SHAFTER	250	1	SDAC	4	High Level of Need	Link
MCFARLAND	CITY OF MCFARLAND	14,658	2,804	SDAC	4	High Level of Need	Link
MEXICAN COLONY	CITY OF SHAFTER	320	97	SDAC	4	High Level of Need	Link
SHAFTER	CITY OF SHAFTER	19,100	4,720	SDAC	4	High Level of Need	Link
SHAFTER FARM LABOR CENTER	CITY OF SHAFTER	300	112	SDAC	4	High Level of Need	Link
SMITH'S CORNER	CITY OF SHAFTER	544	165	SDAC	4	High Level of Need	Link
SOUTHWEST SHAFTER	CITY OF SHAFTER	53	15	SDAC	4	High Level of Need	Link
THOMAS LANE	CITY OF SHAFTER	132	40	SDAC	4	High Level of Need	Link
WEST SHAFTER	CITY OF SHAFTER	37	11	SDAC	4	High Level of Need	Link
DELANO	CITY OF DELANO	53,138	11,046	SDAC	3	Moderate-High Level of Need	Link
MADONNA	CITY OF DELANO	70	22	DAC	3	Moderate-High Level of Need	Link
POND	POND MWC	48	18	DAC	3	Moderate-High Level of Need	Link
POND SCHOOL	POND SCHOOL	250	2	SDAC	3	Moderate-High Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
RICHGROVE	RICHGROVE COMMUNITY SERVICES DISTRICT	2,700	600	SDAC	3	Moderate-High Level of Need	Link
WASCO	CITY OF WASCO	22,690	4,872	DAC	3	Moderate-High Level of Need	Link
AGBAYANI VILLAGE	AGBAYANI VILLAGE WATER SYSTEM	26	2	DAC	2	Moderate Level of Need	Link
COMMUNITY 477		132	40	DAC	2	Moderate Level of Need	Link
COMMUNITY 478		792	240	DAC	2	Moderate Level of Need	Link
EARLIMART	EARLIMART PUD	8,800	1,591	SDAC	2	Moderate Level of Need	Link
POPLAR AVE COMMUNITY	POPLAR AVE COMMUNITY WATER SYSTEM	30	9	DAC	2	Moderate Level of Need	Link
SEMITROPIC SCHOOL	SEMITROPIC SCHOOL	263	6	SDAC	2	Moderate Level of Need	Link
SUPERIOR	SUPERIOR MUTUAL WATER COMPANY	61	49	DAC	2	Moderate Level of Need	Link
SEVENTH STANDARD MUTUAL	SEVENTH STANDARD MUTUAL	110	22	NOT DISADVANTAGED	0	No Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: SOUTHERN SIERRA

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
LAKE SUCCESS MOBILE LODGE	LAKE SUCCESS MOBILE LODGE	40	18	DAC	3	Moderate-High Level of Need	Link
SHAVER SPRINGS	FCWWD #40/SHAVER SPRINGS	193	64	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
TRIPLE R MUTUAL WATER CO.	TRIPLE R MUTUAL WATER CO.	406	154	NOT DISADVANTAGED	3	Moderate-High Level of Need	Link
DEL ORO RIVER ISLAND SERV TERR #2	DEL ORO RIVER ISLAND SERV TERR #2	99	30	NOT DISADVANTAGED	2	Moderate Level of Need	Link
DOYAL'S MOBILE HOME PARK	DOYAL'S MOBILE HOME PARK	24	15	DAC	2	Moderate Level of Need	Link
IDLEWILD		55	24	SDAC	2	Moderate Level of Need	Link
MCCLENNEY TRACT		10	10	SDAC	2	Moderate Level of Need	Link
MIRAMONTE		66	20	DAC	2	Moderate Level of Need	Link
PINE FLAT	PINE FLAT WATER COMPANY	1,033	277	SDAC	2	Moderate Level of Need	Link
POSEY		79	24	SDAC	2	Moderate Level of Need	Link
RIO VISTA MOBILE HOME PARK	RIO VISTA MOBILE HOME PARK	20	15	DAC	2	Moderate Level of Need	Link
RIVER RETREAT MUTUAL WATER CO.	RIVER RETREAT MUTUAL WATER CO.	53	22	NOT DISADVANTAGED	2	Moderate Level of Need	Link
SIERRA MUTUAL WATER CO	SIERRA MUTUAL WATER CO	37	17	NOT DISADVANTAGED	2	Moderate Level of Need	Link
SPRINGVILLE	SPRINGVILLE PUD	1,500	369	SDAC	2	Moderate Level of Need	Link
SUGARLOAF MOUNTAIN PARK		0	0	NON COMMUNITY	2	Moderate Level of Need	Link
TOOLEVILLE	TOOLEVILLE WATER CO.	340	76	SDAC	2	Moderate Level of Need	Link
TRACT 327 MUTUAL WATER CO.	TRACT 327 MUTUAL WATER CO.	24	15	SDAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
ALPINE VILLAGE	ALPINE VILLAGE WATER CO.	236	52	NON COMMUNITY	1	Low Level of Need	Link
BEAR MOUNTAIN LIBRARY/ACT CNTR	BEAR MOUNTAIN LIBRARY/ACT CNTR	50	1	NON COMMUNITY	1	Low Level of Need	Link
BIGGER S PONDEROSA TRLR PRK	BIGGER S PONDEROSA TRLR PRK	40	18	DAC	1	Low Level of Need	Link
CAMP NELSON	CAMP NELSON WATER COMPANY	112	300	NOT DISADVANTAGED	1	Low Level of Need	Link
COLD SPRINGS RANCHERIA OF MONO INDIANS	COLD SPRINGS RANCHERIA OF MONO INDIANS	193	58	TRIBE	1	Low Level of Need	Link
COVE ISLAND RESORT	COVE ISLAND RESORT	37	36	NON COMMUNITY	1	Low Level of Need	Link
DEER MEADOW MUTUAL	DEER MEADOW MUTUAL	67	22	NOT DISADVANTAGED	1	Low Level of Need	Link
DEL ORO RIVER ISLAND SERV TERR #1	DEL ORO RIVER ISLAND SERV TERR #1	1,580	442	NOT DISADVANTAGED	1	Low Level of Need	Link
DINKEY CREEK WATER IMPROVEMENT	DINKEY CREEK WATER IMPROVEMENT	104	25	NON COMMUNITY	1	Low Level of Need	Link
DRIFTWOOD MOBILEHOME PARK	DRIFTWOOD MOBILEHOME PARK	30	41	NON COMMUNITY	1	Low Level of Need	Link
DUNLAP		131	37	NOT DISADVANTAGED	1	Low Level of Need	Link
GRIER MUTUAL WATER CO.	GRIER MUTUAL WATER CO.	32	65	NOT DISADVANTAGED	1	Low Level of Need	Link
HARTLAND	HARTLAND WATER COMPANY	100	32	NON COMMUNITY	1	Low Level of Need	Link
KENNEDY MEADOWS		0	0	NON COMMUNITY	1	Low Level of Need	Link
OAK KNOLLS TRAILER PARK	OAK KNOLLS TRAILER PARK	60	60	DAC	1	Low Level of Need	Link
POSO PARK ASSN.	POSO PARK ASSN.	72	52	NON COMMUNITY	1	Low Level of Need	Link
RIVERKERN	RIVERKERN MUTUAL WATER COMPANY	336	114	SDAC	1	Low Level of Need	Link
ROGERS CAMP HOMEOWNERS ASSN.	ROGERS CAMP HOMEOWNERS ASSN.	25	25	NON COMMUNITY	1	Low Level of Need	Link
SEQUOIA CREST WATER CO	SEQUOIA CREST WATER CO	294	105	NON COMMUNITY	1	Low Level of Need	Link
SEQUOIA RV RANCH	SEQUOIA RV RANCH	96	21	NON COMMUNITY	1	Low Level of Need	Link
SIERRA GLEN MOBILE HOME PARK	SIERRA GLEN MOBILE HOME PARK	22	14	NOT DISADVANTAGED	1	Low Level of Need	Link
SIERRA KING HOMEOWNERS ASSN	SIERRA KING HOMEOWNERS ASSN	120	40	NOT DISADVANTAGED	1	Low Level of Need	Link
SIERRA MASONIC	SIERRA MASONIC WATER CO	45	24	NON COMMUNITY	1	Low Level of Need	Link
SOUTH KAWEAH MWC	SO KAWEAH MUTUAL WATER CO	384	137	NOT DISADVANTAGED	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
SPEAR CREEK CABIN OWNERS ASSOC	SPEAR CREEK CABIN OWNERS ASSOC	52	26	NON COMMUNITY	1	Low Level of Need	Link
SQUAW VALLEY		2,577	1,218	NOT DISADVANTAGED	1	Low Level of Need	Link
SUGARLOAF VILLAGE	SUGARLOAF VILLAGE MUTUAL W C	42	30	NON COMMUNITY	1	Low Level of Need	Link
TRIMMER MARINA	TRIMMER MARINA	100	15	NON COMMUNITY	1	Low Level of Need	Link
TULE RIVER INDIAN TRIBE RESERVATION	TULE RIVER INDIAN TRIBE RESERVATION	1,290	387	TRIBE	1	Low Level of Need	Link
VILLAGE APARTMENTS	VILLAGE APARTMENTS	28	5	NOT DISADVANTAGED	1	Low Level of Need	Link
WONDER VALLEY	WONDER VALLEY RIVER WAY RANCH	1,280	388	NON COMMUNITY	1	Low Level of Need	Link
BADGER HILL ESTATES	BADGER HILL ESTATES	300	77	NOT DISADVANTAGED	0	No Level of Need	Link
CALIFORNIA HOT SPRINGS	CAL HOT SPRINGS WATER CO	50	59	NON COMMUNITY	0	No Level of Need	Link
CEDAR SLOPE	CEDAR SLOPE WATER CO.	25	89	NON COMMUNITY	0	No Level of Need	Link
COURTWRIGHT LAKE VILLAGE	COURTWRIGHT LAKE VILLAGE	150	60	NON COMMUNITY	0	No Level of Need	Link
DOYLE SPRINGS ASSN.	DOYLE SPRINGS ASSN.	180	51	NON COMMUNITY	0	No Level of Need	Link
FCWWD #37/MILE HIGH	FCWWD #37/MILE HIGH	128	46	NOT DISADVANTAGED	0	No Level of Need	Link
IMPROVEMENT DIST #1	IMPROVEMENT DIST #1	200	78	NOT DISADVANTAGED	0	No Level of Need	Link
KINGS CANYON MOBILE HOME PARK	KINGS CANYON MOBILE HOME PARK	85	60	NOT DISADVANTAGED	0	No Level of Need	Link
NO. KAWEAH MUTUAL WATER CO.	NO. KAWEAH MUTUAL WATER CO.	560	71	NOT DISADVANTAGED	0	No Level of Need	Link
PANORAMA HEIGHTS PROP OWNERS	PANORAMA HEIGHTS PROP OWNERS	144	110	NON COMMUNITY	0	No Level of Need	Link
PANORAMA PARK FIRE PRO. CO.	PANORAMA PARK FIRE PRO. CO.	100	58	NON COMMUNITY	0	No Level of Need	Link
PIERPOINT SPRINGS WATER CO.	PIERPOINT SPRINGS WATER CO.	40	84	NOT DISADVANTAGED	0	No Level of Need	Link
PONDEROSA CSD	PONDEROSA CSD	340	146	NOT DISADVANTAGED	0	No Level of Need	Link
SIERRA CEDARS CSD	SIERRA CEDARS CSD	875	225	NOT DISADVANTAGED	0	No Level of Need	Link
SILVER CITY WATER CO.	SILVER CITY WATER CO.	128	56	NON COMMUNITY	0	No Level of Need	Link
SOUTH FORK ESTATES	SOUTH FORK ESTATES	76	19	NOT DISADVANTAGED	0	No Level of Need	Link
SUGARLOAF	SUGARLOAF MUTUAL WATER CO.	70	49	NON COMMUNITY	0	No Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
THREE RIVERS	EAST THREE RIVERS MUTUAL WATER CORP	28	15	NOT DISADVANTAGED	0	No Level of Need	Link
WISHON VILLAGE	WISHON VILLAGE	250	104	NON COMMUNITY	0	No Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: TULE

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
BEVERLY-GRAND MUTUAL WATER	BEVERLY-GRAND MUTUAL WATER	108	28	DAC	4	High Level of Need	Link
PIXLEY	PIXLEY PUBLIC UTIL DIST	3,310	825	SDAC	4	High Level of Need	Link
ALPAUGH	ALPAUGH COMMUNITY SERVICES DISTRICT	1,026	391	DAC	3	Moderate-High Level of Need	Link
GRANDVIEW GARDENS	WATERTEK - GRANDVIEW GARDENS	347	104	DAC	3	Moderate-High Level of Need	Link
POPLAR	POPLAR COMM SERVICE DIST	2,200	582	SDAC	3	Moderate-High Level of Need	Link
WOODVILLE FARM LABOR CENTER	WOODVILLE FARM LABOR CENTER	734	177	SDAC	3	Moderate-High Level of Need	Link
A & A MHP	A & A MHP	200	62	DAC	2	Moderate Level of Need	Link
ALLENSWORTH	ALLENSWORTH C.S.D.	521	156	SDAC	2	Moderate Level of Need	Link
CENTRAL MUTUAL WATER CO	CENTRAL MUTUAL WATER CO.	112	41	DAC	2	Moderate Level of Need	Link
COMMUNITY 330		63	19	SDAC	2	Moderate Level of Need	Link
COMMUNITY 332		59	18	SDAC	2	Moderate Level of Need	Link
COMMUNITY 340		116	35	SDAC	2	Moderate Level of Need	Link
COMMUNITY 342		36	11	SDAC	2	Moderate Level of Need	Link
E PLANO	WATERTEK - E PLANO	46	14	DAC	2	Moderate Level of Need	Link
EAST PORTERVILLE	CITY OF PORTERVILLE	5,528	1,675	SDAC	2	Moderate Level of Need	Link
GOLDEN KEY APARTMENTS	CITY OF PORTERVILLE	48	16	DAC	2	Moderate Level of Need	Link
LAKESIDE TRAILER PARK	LAKESIDE TRAILER PARK	500	91	DAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
MOUNTAIN VIEW DUPLEXES	MOUNTAIN VIEW DUPLEXES	150	14	SDAC	2	Moderate Level of Need	Link
MULBERRY ISLAND		455	138	DAC	2	Moderate Level of Need	Link
PLANO		241	73	DAC	2	Moderate Level of Need	Link
PORTERVILLE	CITY OF PORTERVILLE	62,021	15,535	DAC	2	Moderate Level of Need	Link
SHADY GROVE M H P	SHADY GROVE M H P	95	40	DAC	2	Moderate Level of Need	Link
SHILOH WATER CO.	SHILOH WATER CO.	75	20	DAC	2	Moderate Level of Need	Link
SPIEGELBERG	SPIEGELBERG WATER SYSTEM	25	1	SDAC	2	Moderate Level of Need	Link
TEA POT DOME	TEA POT DOME WATER CO.	40	4	NON COMMUNITY	2	Moderate Level of Need	Link
TIPTON	TIPTON COMMUNITY SERVICES DIST	1,792	601	SDAC	2	Moderate Level of Need	Link
TIPTON BURNETT ROAD	TIPTON COMMUNITY SERVICES DIST	50	11	DAC	2	Moderate Level of Need	Link
TRACTS 24 - 41		393	119	SDAC	2	Moderate Level of Need	Link
TRACTS 45 - 68 - 157 - 199 - 201 - 319	CITY OF PORTERVILLE	736	223	SDAC	2	Moderate Level of Need	Link
TRACTS 66 - 90 - 127 - 557		412	125	DAC	2	Moderate Level of Need	Link
TRICO OIL ACRES COLONIA		89	27	SDAC	2	Moderate Level of Need	Link
WILLIAMS	WILLIAMS MUTUAL WATER CO.	180	50	SDAC	2	Moderate Level of Need	Link
WOODVILLE	WOODVILLE PUBLIC UTILITY DIST	1,673	467	SDAC	2	Moderate Level of Need	Link
AKIN WATER CO.	AKIN WATER CO.	86	26	DAC	1	Low Level of Need	Link
CASILLAS WATER SYSTEM	CASILLAS WATER SYSTEM	37	2	NON COMMUNITY	1	Low Level of Need	Link
DEER CREEK RV PARK	DEER CREEK RV PARK	56	83	NON COMMUNITY	1	Low Level of Need	Link
DUCOR	DUCOR CSD	558	166	SDAC	1	Low Level of Need	Link
FRIENDS RV PARK	FRIENDS RV PARK	29	44	NON COMMUNITY	1	Low Level of Need	Link
JONES CORNER	PORTERVILLE-JONES CORNER	339	112	DAC	1	Low Level of Need	Link
SUNNY ACRES	SUNNY ACRES WATER SYSTEM	51	2	NOT DISADVANTAGED	1	Low Level of Need	Link
TERRA BELLA	TERRA BELLA ID	2,340	714	SDAC	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
TEVISTON	TEVISTON C S D	343	104	SDAC	1	Low Level of Need	Link
TRACT 288	CWS - MULLEN WATER COMPANY	138	42	DAC	1	Low Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: WESTSIDE SJ

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
CANTUA CREEK	FCSA #32/CANTUA CREEK	210	78	SDAC	5	High Level of Need	Link
EL PORVENIR	FCSA #30/EL PORVENIR	143	50	SDAC	5	High Level of Need	Link
FCSA #49	FCSA #49/ FIVE POINTS	134	46	DAC	5	High Level of Need	Link
PAPPAS & COMPANY (FARM HOUSING)	PAPPAS & COMPANY (FARM HOUSING)	25	12	DAC	5	High Level of Need	Link
SAN ANDREAS FARMS	SAN ANDREAS FARMS	40	5	SDAC	5	High Level of Need	Link
HOULDING FARMS	HOULDING FARMS	50	15	SDAC	4	High Level of Need	Link
HURON	HURON	7,306	7	SDAC	3	Moderate-High Level of Need	Link
BRITZ/COLUSA	BRITZ/COLUSA	85	29	SDAC	2	Moderate Level of Need	Link
BRITZ/FIVE POINTS SYSTEM	BRITZ/FIVE POINTS SYSTEM	76	33	SDAC	2	Moderate Level of Need	Link
COIT GINNING COMPANY	COIT GINNING COMPANY	90	31	SDAC	2	Moderate Level of Need	Link
FARM 1		50	15	SDAC	2	Moderate Level of Need	Link
FARM 2		20	8	DAC	2	Moderate Level of Need	Link
FARM 3		20	8	DAC	2	Moderate Level of Need	Link
FARMING D	FARMING D	110	38	SDAC	2	Moderate Level of Need	Link
FIVE POINTS RANCH	FIVE POINTS RANCH	100	37	SDAC	2	Moderate Level of Need	Link
FIVE STAR RANCH	FIVE STAR RANCH	40	22	SDAC	2	Moderate Level of Need	Link
HARRIS FARMS CAMP C #501-523	HARRIS FARMS CAMP C #501-523	300	77	DAC	2	Moderate Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
HARRIS FARMS SOUTH #101-144	HARRIS FARMS SOUTH #101-144	160	41	SDAC	2	Moderate Level of Need	Link
PAPPAS & CO (FARM HOUSING)	PAPPAS & CO (FARM HOUSING)	25	13	DAC	2	Moderate Level of Need	Link
PILIBOS BROTHERS RANCH	PILIBOS BROTHERS RANCH	35	15	SDAC	2	Moderate Level of Need	Link
STEVE MARKS CATTLE COMPANY	STEVE MARKS CATTLE COMPANY	25	24	SDAC	2	Moderate Level of Need	Link
STRATFORD	STRATFORD PUD	1,301	364	SDAC	2	Moderate Level of Need	Link
SUMNER PECK RANCH	SUMNER PECK RANCH	42	19	SDAC	2	Moderate Level of Need	Link
TERRA LINDA FARMS	TERRA LINDA FARMS	40	11	SDAC	2	Moderate Level of Need	Link
TRANQUILLITY	TRANQUILLITY	897	326	SDAC	2	Moderate Level of Need	Link
VAQUERO FARMS	VAQUERO FARMS	70	17	DAC	2	Moderate Level of Need	Link
AVENAL	AVENAL	14,154	1,953	SDAC	1	Low Level of Need	Link
CINCO FARMS	CINCO FARMS	30	9	SDAC	1	Low Level of Need	Link
COALINGA	CITY OF COALINGA	19,362	28	NOT DISADVANTAGED	1	Low Level of Need	Link
DWS PARTNERS	DWS PARTNERS	16	5	DAC	1	Low Level of Need	Link
FELGER FARMS	FELGER FARMS	40	12	SDAC	1	Low Level of Need	Link
HARNISH FIVE POINTS INC	HARNISH FIVE POINTS INC	26	8	DAC	1	Low Level of Need	Link
HARRIS FARMS/HORSE BARN	HARRIS FARMS/HORSE BARN	100	30	NOT DISADVANTAGED	1	Low Level of Need	Link
HARRIS FEEDING COMPANY	HARRIS FEEDING COMPANY	225	121	NOT DISADVANTAGED	1	Low Level of Need	Link
LA JOLLA FARMS	LA JOLLA FARMS	30	10	DAC	1	Low Level of Need	Link
LEMOORE NAVAL AIR STATION	LEMOORE NAVAL AIR STATION	12,000	1,797	DAC	1	Low Level of Need	Link
MENDOTA	CITY OF MENDOTA	11,104	1,911	SDAC	1	Low Level of Need	Link
MURRIETA/WASHOE	MURRIETA/WASHOE	25	10	SDAC	1	Low Level of Need	Link
SAN JOAQUIN	SAN JOAQUIN	4,060	701	SDAC	1	Low Level of Need	Link
SHAMROCK FARMING	SHAMROCK FARMING	40	12	DAC	1	Low Level of Need	Link
SOMMERVILLE RV PARK	SOMMERVILLE RV PARK	500	4	NON COMMUNITY	1	Low Level of Need	Link

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
WESTRIDGE	WESTRIDGE	30	9	SDAC	1	Low Level of Need	Link

Community Summary With Estimated Needs Assessment Score

IRWM Region: Outside of IRWM

Last Data Update Was 05/15/2020

Water Board Propostion 1 Projects Summary Page: [Link](#)

List of Communities by Name, Need Rank:

Community Name	Water System Name	Population	Connections	Status	CNR Score	Rank Description	Summary Report
LEMOORE	CITY OF LEMOORE	26,093	6,819	DAC	4	High Level of Need	Link
COMMUNITY 241		165	50	DAC	2	Moderate Level of Need	Link
COMMUNITY 259	CITY OF CORCORAN	177	38	SDAC	2	Moderate Level of Need	Link
CORCORAN	CITY OF CORCORAN	24,813	3,388	SDAC	2	Moderate Level of Need	Link
HANFORD	CITY OF HANFORD	59,338	16,742	SDAC	2	Moderate Level of Need	Link
SANTA ROSA INDIAN COMMUNITY OF THE SANTA ROS...	SANTA ROSA INDIAN COMMUNITY OF THE SANTA ROS...	777	233	TRIBE	2	Moderate Level of Need	Link
EXETER	CITY OF EXETER	10,548	3,298	DAC	1	Low Level of Need	Link
HALLS CORNER		66	20	NOT DISADVANTAGED	1	Low Level of Need	Link
KETTLEMAN CITY	KETTLEMAN CITY CSD	1,450	354	SDAC	1	Low Level of Need	Link
LEMOORE MOBILE HOME PARK	LEMOORE MOBILE HOME PARK	125	38	NOT DISADVANTAGED	1	Low Level of Need	Link
EL DORADO MOBILE PARK	EL DORADO MOBILE PARK	400	108	NOT DISADVANTAGED	0	No Level of Need	Link

Appendix C

Project Advisory Committee Framework

Disadvantaged Communities Improvement Program/Project Advisory Committee 2018-2020 Updated Meeting Schedule and Framework

DACIP	Project Advisory Committee
February – April 2018 Execute Agreement with DWR Form Project Advisory Committee (PAC) Plan PAC Kickoff Meeting Distribute Materials	April 2018 Program Kickoff Program Overview Charter Discussion and Finalization DAC Engagement Program and Needs Assessment Discussion
April – July 2018 Prepare Draft Needs Assessment Scope/Proposal Prepare Draft DAC Engagement and Education Program Scope/Proposal Circulate Draft Proposals to PAC for review Conduct interim workshop to review scope/proposal documents, if necessary	May 2018 Discuss components of the Needs Assessment Proposal June 2018 Review of Draft Needs Assessment Proposal (recommendation for approval) PAC to provide recommendations to County on final Needs Assessment Scope (accept proposal as is, accept with some modifications, or need to re-write)
July 2018– January 2019 Needs Assessment: <ul style="list-style-type: none"> Review database structure Collect data Coordinate with Agencies regarding data sharing Prepare Preliminary Needs Assessment DAC Engagement & Education Program: <ul style="list-style-type: none"> Evaluate present circumstances of DACs in the TKFA (review IRWMPs, outreach to DACs, etc.) Prepare Present Circumstances and Recommended Actions Report Conduct DAC EE activities Assist with Needs Assessment data verification Project Development: <ul style="list-style-type: none"> Prepare Draft Project Development Guidelines and Criteria for discussion 	July-August 2018 PAC Meeting August 30, 2018, 9am-12pm Tulare County BOS Review of Draft DAC Engagement and Education Program Proposal (recommendation for approval) PAC to provide recommendations to County on final DAC Engagement Scope and Guidelines (accept proposal as is, accept with some modifications, or need to re-write) Needs Assessment Updates September-November 2018 PAC Meeting October 18, 2018, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia. Needs Assessment Update Review DAC Engagement, Present Circumstances and Recommended Actions Report PAC to consider recommendations from the Report and make a recommendation to the County of activities to be conducted under the DAC Engagement and Education (EE) Program January 2019 PAC Meeting January 17, 2019, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia. Review Preliminary Needs Assessment PAC to provide recommendations to the County to accept Preliminary Needs Assessment Discuss Project Development Guidelines and Criteria Review draft Project Development Guidelines and Criteria

Documents related to the items on this Agenda, submitted to the Board after distribution of the Agenda packet, are available for public inspection in the Board of Supervisors Office, 2800 W. Burrell Avenue, Visalia, CA during normal business hours. Such documents are also available online, subject to staff's ability to post the documents before the meeting, at the following website: <https://tularelakebasin.com/alliance/index.cfm/tulare-kern-dac-involvement/>

As a courtesy to those in attendance, please turn off or place in alert mode all cell phones and pagers.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board's Office at (559) 636-5000.

DACIP	Project Advisory Committee
	<p>PAC to recommend acceptance of Project Development Guidelines and Criteria</p> <p>Determine approach to solicit projects (may vary by IRWM; all must meet defined criteria)</p>
<p>January – March 2019</p> <p>Continue work on DACEEP and Needs Assessment</p>	<p>March 2019</p> <p>PAC Meeting March 28, 2019, 9am-12pm, Location: Tulare County Conference Room, 2800 West Burrel Ave., Visalia</p> <p>Review projects recommended by each IRWM</p> <p>PAC to provide recommendations to the County for selected Projects</p>
<p>April - December 2019</p> <p>Continue work on DACEEP and Needs Assessment</p> <p>Conduct Project Development Activities</p>	<p>June 2019</p> <p>PAC Meeting June 13, 2019, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia.</p> <p>Review projects recommended by each IRWM</p> <p>PAC to provide recommendations to the County for selected Projects</p>
	<p>August 2019</p> <p>PAC Meeting August 15, 2019, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia.</p> <p>Review projects recommended by each IRWM</p> <p>Review projects for the region-wide competitive pot</p> <p>PAC to provide recommendations to the County for selected Projects</p>
	<p>October 2019</p> <p>PAC Meeting October 17, 2019, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia.</p> <p>Project updates</p> <p>Review remaining projects for the region-wide competitive pot</p> <p>Review any remaining projects for the IRWM-specific pots</p> <p>Review Web Application</p>
	<p>January 2020</p> <p>PAC Meeting January 16, 2020, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia.</p> <p>Project updates</p> <p>Updates on DACEEP and Needs Assessment</p> <p>Review any remaining projects for the IRWM-specific pots</p> <p>Review remaining projects for the region-wide competitive pot</p>
<p>January – March 2020</p> <p>Continue work on DACEEP and Needs Assessment</p> <p>Continue Project Development Activities</p> <p>Work on drafting Final Report</p>	<p>March 2020 [CANCELLED DUE TO COVID-19]</p> <p>PAC Meeting March 19, 2020, 9am-12pm, Location: Provost & Pritchard, 130 N. Garden St, Visalia.</p> <p>Project updates</p> <p>DACEEP</p> <p>Needs Assessment</p> <p>Project Development Activities</p>

Documents related to the items on this Agenda, submitted to the Board after distribution of the Agenda packet, are available for public inspection in the Board of Supervisors Office, 2800 W. Burrel Avenue, Visalia, CA during normal business hours. Such documents are also available online, subject to staff's ability to post the documents before the meeting, at the following website: <https://tularelakebasin.com/alliance/index.cfm/tulare-kern-dac-involvement/>

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DACIP	Project Advisory Committee
April - June 2020 Prepare Final Needs Assessment Report Continue work on DACEEP Continue Project Development Activities Continue Drafting Final Report	June 2020 Status update on DACEEP Review Final Needs Assessment Report <i>PAC to provide recommendations to the County to accept Final Needs Assessment</i> Status update on Project Development activities
July - August 2020 Finalize DACEEP Efforts and Prepare Final Deliverables Finalize Project Development Activities and prepare summary reports Continue Drafting Final Report	September 2020 Review DAC Engagement and Education Program Deliverables <i>PAC to provide recommendations to the County to accept DAC Engagement and Education Program Deliverables</i> Review Project Development deliverables <i>PAC to provide recommendations to the County to accept the final deliverables for the Project Development activities</i>
September 2020 – January 2021 Complete Final Report Project Closeout Activities	January 2021 Review Final Report <i>PAC to provide recommendation to the County to accept Final Report and submit to DWR</i> Project Closeout

Note: Dates presented are approximate and may change throughout the project.

Documents related to the items on this Agenda, submitted to the Board after distribution of the Agenda packet, are available for public inspection in the Board of Supervisors Office, 2800 W. Burrel Avenue, Visalia, CA during normal business hours. Such documents are also available online, subject to staff's ability to post the documents before the meeting, at the following website: <https://tularelakebasin.com/alliance/index.cfm/tulare-kern-dac-involvement/>

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Appendix D

Web Mapping Tool Source Data Update Guidelines

Tulare Kern Funding Area

Disadvantaged Community Water Needs Assessment

Web Mapping Tool – Source Data Update Guidelines

1. Source: Tulare Lake Basin Disadvantaged Communities Water Study, 2012
 - Unincorporated Places Boundaries (Future Annual Review with Local LAFCo Agencies for designated places)
 - Some community attributes, if unavailable from other sources

https://water.ca.gov/LegacyFiles/irwm/grants/docs/p1DACinvolvement/Reports_Studies/TulareLakeBasinDACStudy.pdf
2. Source: State Water Resource Control Board – Groundwater Ambient Monitoring and Assessment Program (GAMA), and Electronic Data Transfer (EDT) Library
 - GAMA Wells – Point Feature (*Monthly Review, Script Update*)
 - Water quality results from groundwater wells (*Monthly Review, Script Update*)
 - Water Quality Compliance Reports for Exceedance and Compliance, Out of Compliance or Returned to Compliance (*Monthly Review, Script Update*)
 - Public Water System active drinking water sources count (*Monthly Review, Script Update*)

Map Viewer:
<https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/Default.asp>

Data Downloads:
<https://gamagroundwater.waterboards.ca.gov/gama/datadownload>
<https://data.ca.gov/dataset/drinking-water-human-right-to-water-regulatory-including-enforcement-actions-information>
https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/EDTlibrary.html
3. Source: State Water Resource Control Board, Division of Drinking Water – Safe Drinking Water Information System (SDWIS) (*Annual Review*)
 - Public Water System Name
 - Public Water System ID
 - Public Water System Status
 - Public Water System Classification (Fee Code)
 - Public Water System Classification (Type)
 - Public Water System - Population
 - Public Water System - Number of Connections
 - Public Water System - Water Source
 - Public Water System – County Assignment

<https://sdwis.waterboards.ca.gov/PDWW/>
4. Source: State Water Resource Control Board – Electronic Water Rights Information Management System
 - California Water Rights (Dynamic Web Link to Current Data in the StoryMap resources tab)

<https://waterrightsmaps.waterboards.ca.gov/viewer>

5. Source: CA Dept. of Forestry and Fire Protection - Fire Resource Assessment Program (FRAP)
 - Incorporated Places Boundaries (*Annual Review*)
<https://frap.fire.ca.gov/mapping/gis-data/>
6. Source: Environmental Protection Agency, Safe Drinking Water Information System (SDWIS)
<https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-information-system-sdwis-federal-reporting>
 - Indian Tribal Public Water Systems (*Annual Review*)
<https://www.epa.gov/enviro/sdwis-search-indian-tribes>
7. Source: State Water Resource Control Board, California Integrated Water Quality System (CIWQS), Regulated Facilities
 - Wastewater Treatment Facilities (*Annual Review*)
 - WWTF Enforcement Actions (*Annual Review*)
<https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CiwqsReportServlet?reportID=9033268&reportName=RegulatedFacilityDetail&inCommand=reset>
8. Source: U.S. Census Bureau, Median Household Income
 - MHI per Census Designated Place (CDP), Tract, or Block Group – 5yr (*Annual Review*)
<https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html>
9. Source: Self-Help Enterprises
 - Community Income Survey (*Annual Review – manual request for income surveys, remove income survey data greater than 5 years old*)
<https://www.selfhelpenterprises.org/programs/community-development/>
10. Source: CA Department of Water Resources
 - Integrated Regional Water Management Groups – IRWM Boundary (*Annual Review*)
<https://gis.water.ca.gov/app/boundaries/>
 - Community MHI for Census Designated Places (*Annual Review*)
 - o *Tract or Block Group MHI is also available but may be not as current as US Census Bureau*
<https://gis.water.ca.gov/app/dacs/>
 - Groundwater Sustainability Agencies Boundaries (*Annual Review*)
<https://sgma.water.ca.gov/webgis/index.jsp?appid=gasmaster&rz=true>
 - Well Completion Reports (OSWCR) (*Annual Review*)
<https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37>

Appendix E

DAC Engagement in IRWM



Disadvantaged Community Engagement in Integrated Regional Water Management

Disadvantaged Community Outreach and Engagement Recommendations



**PROP 1 INTEGRATED REGIONAL WATER MANAGEMENT
DISADVANTAGED COMMUNITY INVOLVEMENT PROGRAM**

**PREPARED FOR THE TULARE-KERN FUNDING AREA
DISADVANTAGED COMMUNITY INVOLVEMENT PROGRAM
PROJECT ADVISORY COMMITTEE**

**OCTOBER 2018
COMMUNITY ENGAGEMENT AND PLANNING TEAM
SELF-HELP ENTERPRISES**

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Introduction

Background

Integrated Regional Water Management (IRWM) is a collaborative effort to manage water resources in a region. IRWM enables regions to integrate and implement water management solutions for the region. Historically most IRWM planning and implementation has been led by larger agencies, often with minimal public participation or representation of Disadvantaged Communities (DACs). Limited DAC engagement in IRWM may be due to lack of information and understanding about IRWM by the DACs, limited resources or time to participate in IRWM meetings or inability of DACs to pay fees to become a member agency. Limited engagement may also exist due to the lack of understanding of DAC needs by IRWMs and geographic isolation – some DACs are located outside of an IRWM region.

The Tulare Kern Funding Area Disadvantaged Community Involvement Program (TKFA DACIP) is a \$3.4 million grant-funded effort, which aims to develop strategies to address long-term, sustainable water planning needs, and improve the participation and engagement of DACs in IRWM. Specifically, \$550,000 of the available \$3.4 million has been set aside to fund a Disadvantaged Community Engagement and Education Program (DACEEP). The DACEEP will focus on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. On August 30, 2018, Self-Help Enterprises (SHE) was selected to implement the DACEEP and awarded funding for the implementation of Phase One of the DACEEP. A copy of the DACEEP Phase One approved proposal is provided in **Appendix A**.

In an effort to establish the DACEEP in a way that would provide the most benefit to DACs, SHE conducted an assessment of present DAC engagement in IRWM processes and developed activity recommendations for Phase Two of the DACEEP program. The Project Advisory Committee (PAC), a diverse stakeholder group of IRWM and DAC representatives, is tasked with overseeing this program, advising the County of Tulare, and supporting the implementation of the program. The PAC is seeking to add a Tribal representative to the stakeholder group. The PAC will consider the activity recommendations identified in this report and advise the County of Tulare (program applicant/grantee) on how to utilize the remaining funds available for the DACEEP.

Assessment Overview

Initially the DAC engagement in IRWM assessment sought to identify how many: 1) DACs have participated in IRWM; 2) DACs are actively participating in IRWM; 3) DACs have never participated in IRWM; and 4) DACs are outside of an IRWM region. This assessment also sought to identify how DACs have or are currently participating. Participation levels include being a member of an IRWM group/serving on governing board, serving on an advisory committee/stakeholder group, listed as an interested party and/or obtaining funding through the IRWM program. However, due to time constraints and the tasks involved with obtaining the appropriate information to thoroughly assess all levels of participation, SHE was unable to finalize the determination of which DAC entities are currently participating in IRWM processes or have obtained funding through the IRWM program¹. Instead, the assessment completed has focused on DACs that have participated in IRWM, never participated in IRWM and DACs that are outside of an IRWM region.

¹ Determining the number of DACs not currently participating in IRWM requires an assessment of past meeting minutes or other forms of attendance/participation tracking systems. Determining who obtained IRWM funding requires a thorough review of past funding awards.

Due to the significant number of unincorporated DACs and SDACs within the TKFA, this assessment also evaluated participation and non-participation differences among incorporated, and unincorporated DACs and SDACs.

For the purposes of this assessment the following participation definitions were assigned:

- **Participation** is defined as DACs that are a member of an IRWM group, serve on the governing board, serve as a member of an advisory or stakeholder committee, are identified as a stakeholder or interested party² and/or who have a project on an IRWM project list;
- **Never participated** is defined as DACs that are located within an IRWM region but who have never engaged in any of the IRWM participation activities named above;
- **DACs that are outside an IRWM region** is defined as DACs that are located within the TKFA but that are not within the current boundary of an IRWM region.

The California Department of Water Resources (DWR) definition of a Disadvantaged Community (DAC) is a community with an annual median household income (MHI) that is less than 80% of the statewide annual MHI.

The DWR definition for a Severely Disadvantaged Community (SDAC) is a community with an annual median household income (MHI) that is less than 60% of the statewide annual MHI.

In order to conduct the assessment, SHE obtained a list of DACs by IRWM region from Provost and Pritchard Consulting Group (P&P). This list was vetted internally by SHE staff familiar with the IRWM program and IRWM regions, as well as the communities. Some revisions and additions were made to the list (revisions to the list have not yet been reviewed by P&P or the IRWM groups). SHE then gathered and reviewed the most currently available IRWM plans and project lists for each of the seven (7) IRWM groups within the Tulare-Kern Funding Area (TKFA)³. SHE also reviewed findings and recommendations of past DAC studies and recommendations identified in the September 2018 Rural Communities Water Managers Leadership Institute Stakeholder Perspectives Report.

Moreover, SHE developed a DAC IRWM Participation Survey in order to better understand DAC knowledge of IRWM planning, possible participation barriers and/or interest in participating in IRWM related activities. This survey will also gather information about the community's water needs. The survey will be distributed between November 2018 through January 2019. The survey tool is provided in **Appendix B**.

² DACs identified as stakeholders or interested parties may/may not have been involved in the development of their IRWM plan.

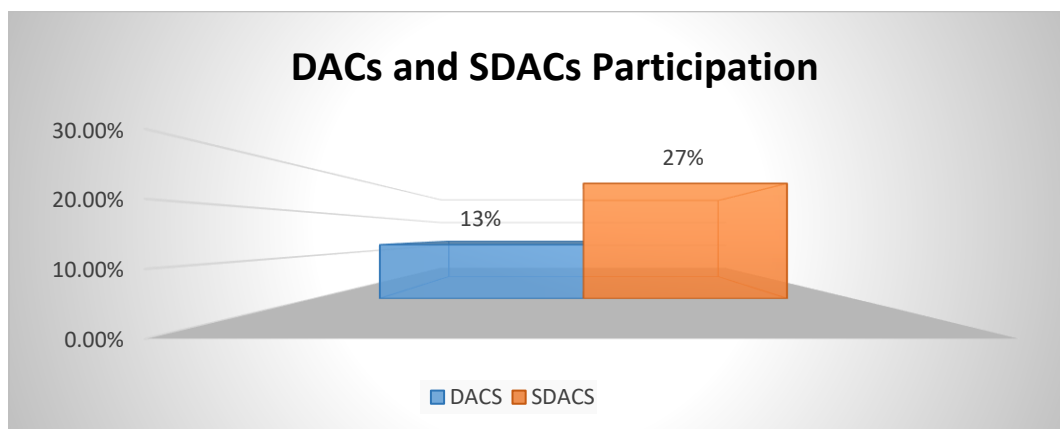
³ IRWM plans were obtained from DWR website or from the IRWM group's website. The most current IRWM Plans and Projects lists range from November 2011 to June 2018.

DACs and SDACs Participation in IRWM

The revised DACs by IRWM data identified 354 DACs within the TKFA. Of the 354 DACs identified, 202 were identified as SDACs. Those totals include incorporated and unincorporated communities.

DACs and SDACs Participation

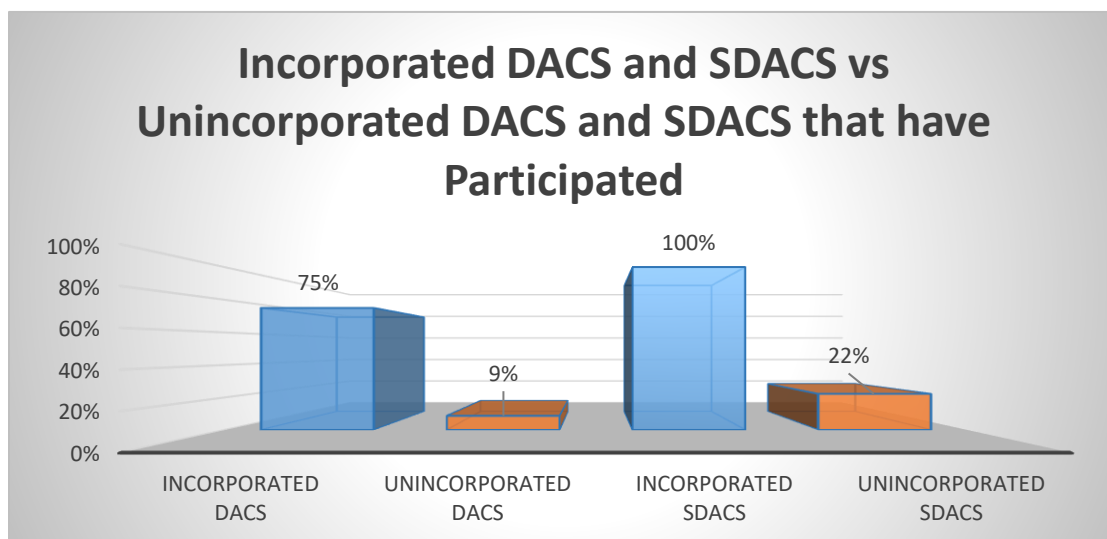
When analyzing DAC participation in IRWM, the data shows which unincorporated DACs and SDACs have participated in IRWM. The data indicates that 13% of DACs in the TKFA have participated in IRWM compared to 27% of SDACs. The graph below represents the total number of DACs versus SDACs that have participated in IRWM.



Incorporated DACs and SDACs versus Unincorporated DACs and SDACs

The graph below represents the number of incorporated and unincorporated DACs and SDACs that have participated in IRWM in some capacity.

According to the data, 75% of incorporated DACs have participated in IRWM while only 9% of *unincorporated* DACs have participated. Congruently, 100% of incorporated SDACs have participated in IRWM compared to 22% of *unincorporated* SDACs having participated.



Participation Categories

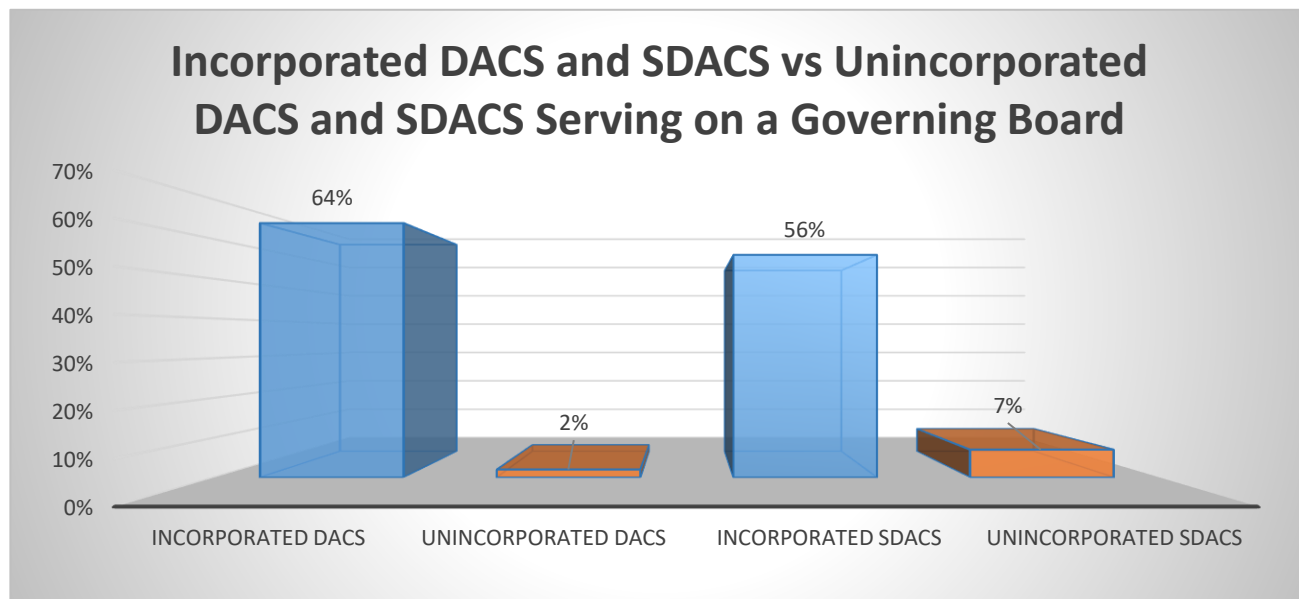
When evaluating the participation categories (serving on a governing board, advisory/ stakeholder committee, and/or listed as a stakeholder or interested party), the data shows that incorporated DACs and SDACs participate in IRWM *at a higher rate* than unincorporated DACs and SDACs.

According to the data, 81% of all incorporated DACs and SDACs participated in IRWM* while only 15% of all unincorporated DACs and SDACs having participated in IRWM* – a significant difference. Below are graphs depicting participation of DACs and SDACs in incorporated and unincorporated communities per participation category.

**For raw data per region used to compile these statistics, please see Appendix C.*

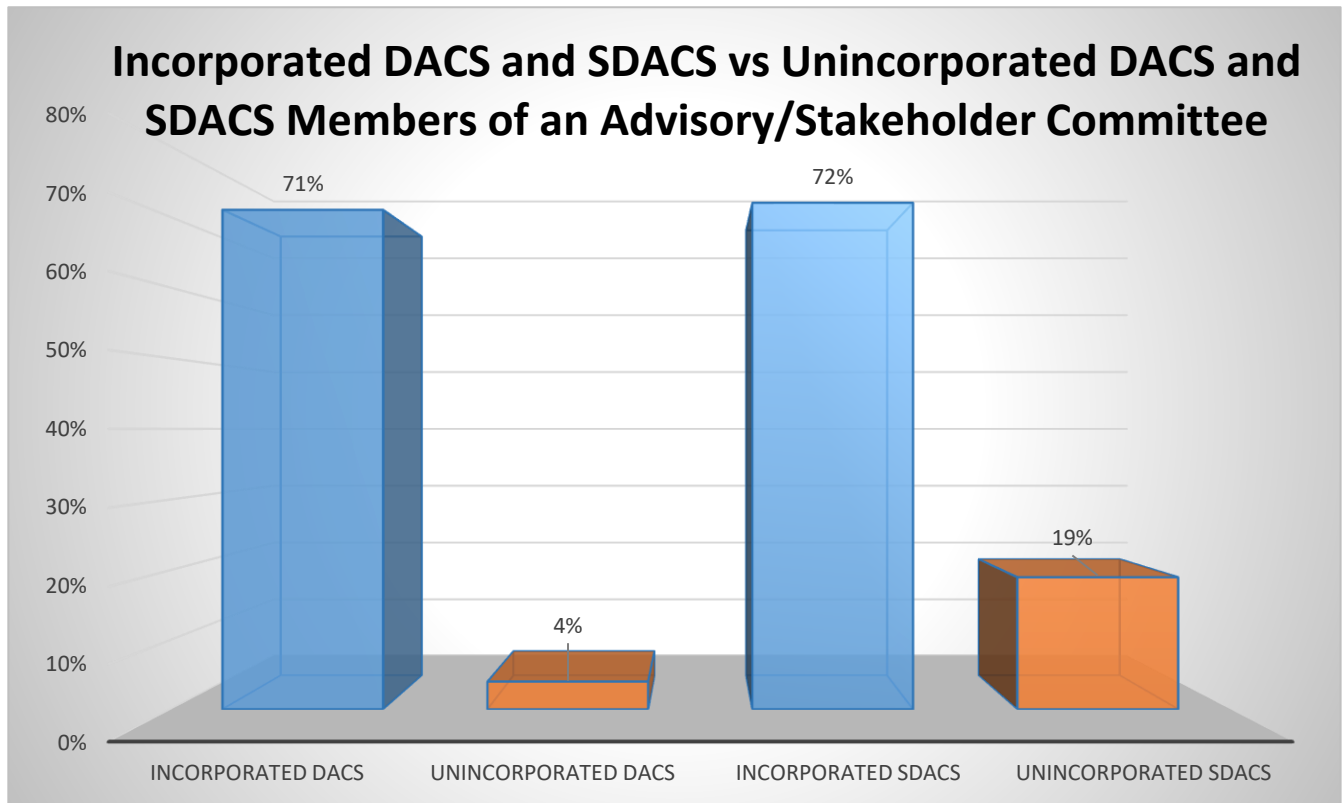
Incorporated DACs & SDACs versus Unincorporated DACs & SDACs Serving on a Governing Board

The graph below represents the total number of incorporated and unincorporated DACs and SDACs that are serving on a governing board. Continuing with the trend already identified in the data, incorporated DACs and SDACs participate on a governing board at a higher rate than the unincorporated DACs and SDACs. According to the data, 64% of incorporated DACs serve on a governing board compared to only 2% of unincorporated DACs. Correspondingly, 56% of incorporated SDACs serve on a governing board compared to 7% of unincorporated SDACs that serve on governing boards.



Incorporated DACs & SDACs versus Unincorporated DACs & SDACs Serving as a Member of an Advisory Committee or Stakeholder Group

The graph below illustrates the total number of incorporated and unincorporated DACs and SDACs that are serving as a member of an advisory committee or a stakeholder group. According to the data, 71% of incorporated DACs are members of an Advisory Committee or Stakeholder Group, while only 4% of unincorporated SDACs are members. Similarly, 72% of incorporated SDACs have served as members on an Advisory Committee or Stakeholder Group compared to 19% of unincorporated SDACs.



Other Observations

- Several DACs and SDACs may be participating in multiple participation categories. For example, some DACs or SDACs that are members of their IRWM governing board may also be serving on an advisory or stakeholder committee.
- Many DACs and SDACs have been listed as interested parties or stakeholders but may/may not have been involved in the development/implementation of the plan.
- There are different participation categories among the seven IRWM regions. For example, some may not have a designated DAC seat on their governing board. Not all IRWM regions have formal advisory or stakeholder committees/groups.

Recommendations

Based on the findings of this assessment and review of previously identified DAC engagement in IRWM recommendations, the following recommendations are proposed:

1. **Continue Assessment of Present DAC Engagement in IRWM:**
 - Continue assessment of present DAC participation in IRWM in order to thoroughly assess participation (e.g., who is currently participating and who has previously obtained IRWM funding) and to better gauge DAC knowledge of IRWM planning, possible participation barriers and/or interest in participating in IRWM related activities. Specifically, it is recommended that SHE review past IRWM meeting minutes and other forms of attendance/participation tracking systems that IRWM regions may manage and maintain to determine DAC participation and which DACs have obtained funding. In addition, further distribution and follow-up on the “DAC Participation in IRWM” survey is recommended.
 - i. **If approved, this will would require revisions to Task 1: Assessment of Past and Present DAC Engagement and Task 3: Community Outreach and Education of the previously approved proposal.**
2. **Provide IRWM regions the opportunity to review results of Assessment of Present DAC Engagement and seek information regarding previous DAC outreach efforts, successes, challenges and recommendations.**
 - SHE will schedule meetings with representatives of each of the IRWM regions, present findings, and seek feedback. Feedback obtained during these meetings will inform the assessment and development of DAC engagement and outreach tailored recommendations for each of the seven IRWM regions.
 - i. **If approved, this would require revisions to Task 1: Assessment of Past and Present DAC Engagement.**
3. **Develop individual DAC engagement and outreach recommendations for each of the seven (7) IRWM regions**
 - SHE will review findings of Phase 1 and Phase 2 DAC participation assessment and feedback obtained by the IRWM regions to develop individual DAC engagement and outreach recommendations for each region.

- #### **4. Develop additional bilingual communication and educational tools**

- i. If approved, this would require amendments to Task 3: Community Outreach and Education on the previously approved proposal.

- SHE will reconvene the “white areas working group”, a group of IRWM representatives, DAC representatives and other interested parties, tasked with identifying and discussing approaches to extend coverage to communities outside of an IRWM region, review current circumstances, previously identified recommendations and develop new recommendations. SHE will also review what other IRWM regions around the state have done to facilitate DAC participation and gauge interest by DACs in participating in IRWM and identify IRWM groups that are willing to incorporate DACs into their boundaries.

- Provide in-depth training on both the “what” (water management, including water sources, uses, users, movement and challenges at the state and regional level) and the “how” (how the planning programs work, skills for participating etc.).
- Provide case studies and examples on specific water challenges and management options as they relate to rural communities. Explore ways to help participants translate this information to their own communities.
- Use hands-on and experiential learning to help process and implement classroom learning topics.
- Foster partnerships and relationships between communities that could support the sharing of services, staff, representation etc. in regional water management and planning.
- Support relationship-building between rural residents and other water interests.

Therefore, the following additional recommendations are being proposed:

6. Provide technical assistance to DACs in preparing funding applications

- SHE will assist DACs to complete project information forms/get project(s) on an IRWM list and the distribution and completion of TKFA DACIP Project Development Applications.
 - i. **If approved, this would require adding a New Task to the previously approved proposal.**

7. Conduct pre-application and grant application workshops or trainings

- SHE will conduct pre-application and grant application workshops/trainings prior to each of the two proposed Proposition 1 IRWM funding solicitation rounds and facilitating DAC participation at DWR meetings/workshops within the funding area, and attend some on behalf of DACs if needed.
 - i. **If approved, this would require adding a New Task to the previously approved proposal.**

8. Develop case studies and examples on specific water challenges and management options.

- SHE will work with the IRWM regions and DACs to identify IRWM multi-benefit projects that have addressed specific DAC water management challenges. SHE will develop at least two (2) case studies.
 - i. **If approved, this would require revisions to Task 3: Community Outreach and Education of the previously approved proposal**

9. Conduct educational water management tours

- SHE will conduct up to two (2) educational tours. Educational tours will focus on both the “what” (integrated water management, including water sources, uses, users, movement and challenges) and the “how” (how the planning programs work and successful projects). The proposed tours will provide DACs and IRWM members the opportunity to tour each other’s facilities and identify opportunities to

work together (i.e., tours will include stops at DACs for IRWM members and other DACs, and/or IRWM member districts/projects for DACs and other water interests).

- i. **If approved, this would require revisions to Task 3: Community Outreach and Education of the previously approved proposal**

10. Develop educational video series

SHE will hire and work with a filmmaker/consultant to develop a short video series on Integrated Regional Water Management, what it is, and specific regional water/DAC challenges and opportunities.

- i. **If approved, this would require revisions to Task 3: Community Outreach and Education of the previously approved proposal**

The above proposed recommendations were presented and approved by the PAC on October 18, 2018.

A copy of the previously approved Phase 1 proposal is in **Appendix A**, and previously approved amendment is in **Appendix D**.

Appendices

APPENDIX A: DACEEP Phase One Approved Proposal

Scope of Work Phase One Disadvantaged Community Engagement and Education Program

For the Proposition 1 Integrated Regional Water Management (IRWM) Disadvantaged Community Involvement Program (DACIP) Tulare-Kern Funding Area

August 2018

Project Description

The objectives of the Disadvantaged Community Engagement and Education Program (DACEEP) will be to:

- Develop a “Regional Involvement Program” that builds understanding of community water needs and the IRWM process; and
- Encourage Disadvantaged Community (DAC) participation and engagement in IRWM activities.

The following scope of services describes the proposed work to be performed by Self-Help Enterprises (SHE) on the Community Engagement and Education Program for the Tulare-Kern IRWM Funding Area.

Scope of Services

Our proposed scope of work for Phase One of the DACEEP is comprised of five tasks and is described below.

Task 1: Assessment of Past and Present DAC Engagement

This task will include the identification of past and present activities relative to DAC engagement in IRWM activities, and support of IRWM funding applications that benefit DACs. This task will also include the development of a DAC Outreach and Engagement Recommendations report.

1. Review IRWM Plans and Stakeholder Lists and Develop DAC Participation Summary
 - a. Review all seven (7) IRMW plans
 - b. Review stakeholders or interested parties lists
 - c. Review projects lists
 - d. Review other resources (if needed/as applicable)
 - e. Identify DACs that are actively participating in their IRWM region (e.g. regularly attending IRWM meeting, currently serving on advisory committee and/or governing board)

- f. Identify DACs that are not actively participating in their IRWM region (e.g. listed as interested parties but have been inactive for a long period of time)
 - g. Identify DACs that have never participated in their IRWM region (e.g. communities located within the IRWM region who have not contacted the IRWM group)
2. Develop and Distribute Survey Tool
 - a. Develop survey tool to gauge DAC knowledge of IRWM planning, possible participation barriers (if any) and/or interest in participating in IRWM activities.
 - b. Distribute survey via email or mail to DAC representatives or other stakeholders as appropriate. Survey may also be distributed at key community meetings/events or water board meetings proposed in Task 3 and could be completed by phone if needed.
3. Prepare DAC Outreach and Engagement Recommendations Report
 - a. Review DAC participation summary, survey responses, summarize findings and develop recommendations.
 - b. Prepare draft and final report.

Deliverables

- DAC Participation Summary
- Survey Tool
- Draft and Final DAC Outreach and Engagement Recommendations Report

Task 2: Community Water Needs Assessment

This task will include assisting with community level data requests and verification to support the Needs Assessment.

1. Compile and Verify Needs Assessment Data
 - a. Compile non-confidential information from private well sampling and sounding previously conducted by Self-Help Enterprises
 - b. Compile information from income surveys previously conducted by Self-Help Enterprises
 - c. Review and update community reports developed through the Needs Assessment
2. Gather Additional Data Sets
 - a. Develop a Survey Tool or Tools. Work with the Provost & Pritchard and Tulare County to develop survey tool(s) needed to gather additional data sets. Additional data sets may include:
 - i. Capacity of Wells
 - ii. Capacity of Surface Water Supplies
 - iii. Systems with Metered Water Services
 - iv. Water Rates
 - v. Sewer Rates
 - vi. Private Well Depth and Water Quality
 - vii. Storm Water Facilities
 - b. Distribution of Surveys
 - i. Surveys will be emailed or mailed whenever possible. Surveys may be conducted in person during appropriate community meetings and/or

workshops with DAC representatives or other stakeholders as appropriate and by phone if needed.

- c. Data Entry
 - i. Enter paper and phone survey responses onto Online Survey Tool
 - d. Review Survey Responses and Prepare Draft and Final Summary Reports
 - i. Review Survey Responses
 - ii. Prepare Draft and Final Summary Reports
3. Collect Information on Communities Relying on Individual Septic Systems
- a. Identify communities
 - b. Update survey tool
 - c. Conduct surveys on the conditions of septic system in up to four (4) communities
 - d. Input data collected and prepare final reports

Deliverables

- Survey Tools
- Water Sampling and Sounding Summary Results
- Income Survey Summary
- Septic System Surveys
- Draft and Final Reports

Task 3: Community Outreach and Education

This task will include conducting community outreach and education activities in order to inform DAC representatives about IRWM planning; the DAC Involvement Program for the Tulare-Kern funding area; present the findings of the preliminary needs assessment and to support the distribution of survey(s) associated with Tasks 1 and 2. At least one (1) regional community meeting within each of the regional water management areas for each of the proposed topics referenced above will be conducted. Up to three (3) meetings can be held within IRWM regions that have large planning areas.

1. Community Outreach
 - a. Develop a DAC outreach plan and DAC contacts list
 - b. Prepare meeting notices (e.g. Flyers, Posters, Media Advisories, Social Media Messages, etc.)
 - c. Conduct Community Outreach. Outreach methods may include:
 - i. Posting meeting notices and posters at key community locations, (e.g. local stores, churches, community centers or water district offices)
 - ii. Door-to-door
 - iii. Media interviews and social media
 - iv. Attending key water board and/or community meetings/events.
 - v. Providing meeting notices to local water systems, schools and community organizations
2. Conduct Regional Community Meetings
 - a. Prepare draft and final meeting materials
 - i. Meeting agenda
 - ii. PowerPoint presentation

- iii. Other necessary handouts
 - iv. Translation of materials
 - b. Facilitate Community Meetings
 - i. Meeting facilitator or facilitators
 - ii. Translation
 - iii. Transcribers
 - c. Prepare Meeting Summaries and Respond to any Necessary Meeting Follow-Up Tasks
- 3. Develop Bilingual (English and Spanish) Communication and Educational Tools/Resources
 - a. Develop fact sheets and brochures for the funding area
 - b. Develop fact sheets and brochures for each of the seven IRWM regions.

Deliverables

- Meeting Materials
- Outreach Summary Report
- Community Meetings Summary Report
- Bilingual Communication and Educational Tools

Task 4: Coordination with Project Advisory Committee

This task will include all coordination activities related to the Project Advisory Committee.

- 1. Prepare Progress Reports for the PAC
 - a. Prepare progress reports and/or PowerPoint Presentations.
- 2. PAC Meetings
 - a. Attend up to Six (6) PAC meetings.
- 3. Provide translation services at PAC meetings, if necessary. Translation services may be provided by SHE staff and/or its consultants.

Deliverables

- Attendance at 6 PAC Meetings
- Quarterly Reports and associated PowerPoint Presentations

Task 5: Program Administration

This task includes the drafting of the DACEEP proposal for Phase One and an amendment for Phase Two plus implementing all program administration activities.

- 1. DAC Education and Engagement Proposal
 - a. Prepare draft and final Phase One DACEEP proposal.
 - b. Prepare draft and final Phase Two DACEEP recommendations and amendment.
 - c. Present proposals to project manager, the County of Tulare and PAC, obtain feedback, make necessary revisions and submit final proposal/amendment.
- 2. Project Team Coordination
 - a. Participate in necessary coordination meetings, conference calls or email correspondence.

3. Invoices and Backup Documentation

- a. Prepare and submit invoices, backup documentation and all necessary draft and final required reports.

Deliverables

- Draft and Final Phase One DACEEP Proposal and associated PowerPoint Presentations
- Draft and Final Phase Two DACEEP Amendment and associated PowerPoint Presentations
- Invoices and Associated Backup Documentation
- Recommendations for Phase 2
- Required Reports

Budget

Task		Fee
1	Assessment of Past or Present DAC Engagement	\$ 14,300
2	Community Water Needs Assessment	\$ 76,300
3	Community Outreach and Education	\$110,700
4	Coordination with Project Advisory Committee	\$ 15,300
5	Program Administration	\$ 19,700
	Total:	\$236,300
	Phase 2 Budget and Activities	TBD
	Total Allocated Budget (Phase 1 and 2)	\$550,000

Schedule

Task		Deadline
1	Assessment of Past or Present DAC Engagement	October 15, 2018
2	Community Water Needs Assessment	Ongoing through December 2019
3	Community Outreach and Education	Ongoing through December 2019
4	Coordination with Project Advisory Committee	Ongoing through December, 2019
5	Program Administration	Ongoing through December, 2019

APPENDIX B: Survey Tool

Proposition 1 Integrated Regional Water Management (IRWM) Disadvantaged Community Involvement Program (DACIP) Tulare-Kern Funding Area

Disadvantaged Community IRWM Participation Survey

Self-Help Enterprises is in the process a report discussing the present level of Disadvantaged Community engagement in Integrated Regional Water Management and recommendations for the Tulare Kern Funding Area Disadvantaged Community Involvement Program. This survey will help improve our understanding of your community's knowledge of IRWM planning, possible participation barriers and/or interest in participating in IRWM related activities. The survey will also gather information about your community's water needs Thank you so much for taking the time to share your thoughts with us. If you have any questions about this survey, please contact Maria Mejia-Ng at (559) 802-1655.

Date: _____

Name/Title: _____

Community/Entity _____

Street Address: _____

Telephone: _____

Email Address: _____

Preferred Language for Correspondence: _____

1. Which of the following best describes you? (Select one)
 - a. Drinking water district/company director or manager
 - b. Drinking water district/company staff
 - c. Private well owner
 - d. Community resident
2. On a scale of 1 to 5, with 5 being very knowledgeable, how would you rate your knowledge about IRWM? Please circle your answer.
Not Knowledgeable 1 2 3 4 5 Very Knowledgeable
3. In which of the following IRWM groups is your community located? Please circle your answer.
 - a. Kaweah River Basin IRWM
 - b. Kern County IRWM
 - c. Kings Basin Water Authority
 - d. Poso Creek IRWM
 - e. Southern Sierra Regional Water Management Group
 - f. Tule River Basin IRWM
 - g. Westside San Joaquin IRWM
 - h. Do Not Know

4. Do you, or a member of your community, participate in IRWM Meetings?

☐ Yes ☐ No ☐ Unknown

5. If yes, who participates? Select all that apply.

- a. Self
- b. Community Resident
- c. Board Member
- d. District/Company Staff
- e. Other _____ (Please specify)

6. If yes, what motivates you to participate?

7. If no, why have you not participated?

8. Has your community ever applied for IRWM funding?

☐ Yes ☐ No ☐ Unknown

9. If yes, was your project awarded funding?

☐ Yes ☐ No ☐ Unknown

10. If funding was not awarded, or you never applied, why not?

11. What factors, if any, are preventing or making it difficult for you or your community to participate in IRWM planning efforts?

12. What do you think is needed to support/improve community participation in IRWM planning efforts?

13. Would you or a member of your community be interested in participating in any of the following IRWM activities? Please circle your answer(s).

- a. Attend an IRWM board or advisory committee meeting
- b. Serve on an advisory committee
- c. Attend a workshop to learn more about IRWM
- d. Host a meeting to share information about IRWM
- e. Participate in additional, more detailed surveys

14. What improvements does your community need?

- a. Water Supply
- b. Water Metering
- c. Water Distribution
- d. Sewer Collection
- e. Wastewater Treatment
- f. Storm Water
- g. Unknown
- h. Other _____

APPENDIX C: Raw Data Tables

The following tables reflect raw data for each respective participation category per IRWM region.

Table 1

Kaweah IRWM Region

		Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on list
Kaweah IRWM Region	Total						
DACs and SDACs in Kaweah IRWM Region	34	7	27	5	7	0	2
DACs	16	3	13	3	3	0	0
SDACs	18	4	14	2	4	0	2
Incorporated	5	4	1	3	4	0	1
DACs	2	1	0	1	1	0	0
SDACs	3	3	1	2	3	0	1
Unincorporated	29	3	26	2	3	0	1
DACs	14	2	12	2	2	0	0
SDACs	15	1	14	0	1	0	1

Table 2**Kings Basin IRWM Region**

		Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on list
Kings Basin IRWM Region	Total						
DACs and SDACs in Kings IRWM Region	92	21	71	7	21	14	13
DACs	45	7	38	5	7	2	4
SDACs	47	14	33	2	14	12	9
Incorporated	10	9	1	7	9	2	8
DACs	6	5	1	5	5	0	4
SDACs	4	4	0	2	4	2	4
Unincorporated	82	12	70	0	12	12	5
DACs	39	2	37	0	2	2	0
SDACs	43	10	33	0	10	10	5

Table 3**Westside- San Joaquin IRWM Region**

Westside-San Joaquin IRWM Region	Total	Participated	Never Participated	Board	Advisory/Stakeholder Committee	Interested Party/Stakeholder
DACs and SDACs in Westside SJ IRWM Region	32	1	31	0	0	1
DACs	12	0	12	0	0	0
SDACs	20	1	19	0	0	1
Incorporated	1	1	0	0	0	0
DACs	0	0	0	0	0	0
SDACs	1	1	0	0	0	0
Unincorporated	31	0	31	0	0	0
DACs	12	0	12	0	0	0
SDACs	19	0	19	0	0	0

Table 4**Kern IRWM Region**

		Participated	Never Participated	Board	Stakeholder Advisory Committee	Interested Party/Stakeholder	Project on List	Multiple Roles
Kern IRWM Region	Total							
DACs and SDACs in Kern IRWM Region	113	23	90	18	17	0	22	17
DACs	37	3	34	2	2	0	2	2
SDACs	76	20	56	16	15	0	15	15
Incorporated	6	6	0	6	6	0	6	6
DACs	4	2	0	2	2	0	2	2
SDACs	2	4	0	4	4	0	4	4
Unincorporated	107	17	90	12	11	0	16	11
DACs	35	1	34	0	0	0	1	0
SDACs	72	16	56	12	11	0	15	11

Table 5**Poso Creek IRWM Region**

Poso Creek IRWM Region	Total	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/ Stakeholder	Project on list
DACs and SDACs in Poso IRWM Region	15	10	5	4	9	0	7
DACs	9	4	5	2	3	0	4
SDACs	6	6	0	2	6	0	3
Incorporated	4	4	0	3	3	0	4
DACs	2	2	0	1	1	0	2
SDACs	2	2	0	2	2	0	2
Unincorporated	11	6	5	0	6	0	3
DACs	7	2	5	0	2	0	2
SDACs	4	4	0	0	4	0	1

Table 6**Southern Sierra IRWM Region**

		Participated	Never Participated	Board	Advisory/ Stakeholder Committee	Interested Party/ Stakeholder	Project on List
Southern Sierra IRWM Region	Total						
DACs and SDACs in Southern Sierra IRWM Region	18	1	17	1	0	0	1
DACs	8	1	7	1	0	0	0
SDACs	10	0	10	0	0	0	1
Incorporated	0	0	0	0	0	0	0
DACs	0	0	0	0	0	0	0
SDACs	0	0	0	0	0	0	0
Unincorporated	18	1	17	1	0	1	1
DACs	8	1	7	1	0	1	0
SDACs	10	0	10	0	0	0	1

Table 7**Tule IRWM Region**

Tule IRWM Region	Total	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on list
DACs and SDACs per IRWM Region	40	10	30	1	9	5	4
DACs	20	1	18	1	1	1	2
SDACs	20	9	12	0	9	4	2
Incorporated	1	1	0	1	1	1	1
DACs	1	1	0	1	1	1	1
SDACs	0	0	0	9	0	0	0
Unincorporated	39	9	30	0	9	4	3
DACs	19	0	18	0	0	0	2
SDACs	20	9	12	0	9	4	1

Table 8**DACs/SDACs Outside of an IRWM**

	Total	Participated	Never Participated
DACs and SDACs	10	0	10
DACs	5	0	5
SDACs	5	0	5
Incorporated	5	0	5
DACs	1	0	1
SDACs	4	0	4
Unincorporated	5	0	5
DACs	4	0	4
SDACs	1	0	1

APPENDIX D: Proposal Amendment

Amendment to **Phase One Disadvantaged Community Engagement and Education** **Program Proposal** **(Previous scope approved August 2018)**

For the **Proposition 1 Integrated Regional Water Management (IRWM)** **Disadvantaged Community Involvement Program (DACIP)** **Tulare-Kern Funding Area**

October 2018

Project Description

The objectives of the Disadvantaged Community Engagement and Education Program (DACEEP) are to:

- Develop a “Regional Involvement Program” that builds understanding of community water needs and the IRWM process; and
- Encourage Disadvantaged Community (DAC) participation and engagement in IRWM activities.

The following scope of services describes the proposed work to be performed by Self-Help Enterprises (SHE) in order to implement the proposed recommendations identified in the October 2018 Disadvantaged Community Engagement in Integrated Regional Water Management for the Disadvantaged Community Engagement and Education Program (DACEEP) for the Tulare-Kern IRWM Funding Area.

Scope of Services

Our proposed amendment to the DACEEP Phase One approved proposal is comprised of adjustments to: Task 1: Assessment of Past and Present DAC Engagement; Task 3: Community Outreach and Education; Task 5: Program Administration; and the inclusion of four (4) new tasks and is described below.

Adjustments to Previously Approved Tasks (New Due Dates in parentheses)

Task 1: Assessment of Past and Present DAC Engagement

This task will continue the assessment of past and present DAC engagement in IRWM activities, and support of IRWM funding applications that benefit DACs. This task will also include meetings with the IRWM regions in order to review results/obtain information and recommendations as well as amendments and updates to the DAC Outreach and Engagement Recommendations report. In addition, SHE is requesting additional funds in order to ensure adequate distribution of survey and DAC response/participation. **(February 2019)**

4. Continue assessment of present DAC participation in IRWM and develop DAC Participation Summary **(October 2018 – January 2019)**
 - a. Identify DACs that are actively participating in their IRWM region (e.g. regularly attending IRWM meetings, currently serving on advisory committee and/or governing board)

- b. Identify DACs that are not actively participating in their IRWM region (e.g. listed as interested parties but have been inactive between January 2017 – September 2018)
 - c. Identify DACs that have obtained IRWM funding
- 5. Meet with IRWM regions to review results of Assessment of Present DAC Engagement; Seek information and recommendations **(October 2018 – February 2019)**
 - a. SHE will schedule meetings with representatives of each of the IRWM regions, present findings and seek feedback. Feedback obtained during these meetings will inform the assessment and development of tailored DAC engagement and outreach recommendations for each of the seven IRWM regions.
- 6. Distribute Survey Tool **(October 2018 – February 2019)**
 - a. Distribute survey via email or mail to DAC representatives and other stakeholders as appropriate. Attend key board meetings in order to increase DAC response/participation. If possible, survey may also be distributed at key community meetings/events or water board meetings as proposed in Task 3 below, and could be completed by phone if needed.
- 7. Update DAC Outreach and Engagement Recommendations Report **(March 2019)**
 - a. Review DAC updated participation summary, survey responses, summarize findings and develop recommendations.
 - b. Seek and incorporate feedback provided by the IRWM regions
 - c. Prepare draft and final report.

Deliverables

- Updated DAC Participation in IRWM Summary (e.g. raw data tables)
- Summary of feedback provided by IRWM regions
- Draft and Final DAC Outreach and Engagement Recommendations Report

Task 3: Community Outreach and Education

To augment the materials included in the proposed scope, this task includes the development of additional communication and educational tools, case studies on specific water challenges and management options, an educational video series and educational water management tours. **(October 2019)**

- 4. Additional Bilingual (English and Spanish) Communication and Educational Tools **(October 2019)**
 - a. Determine different DAC audiences and IRWM subjects requiring new tools
 - b. Develop materials for different DAC audiences/other IRWM subjects
 - c. Develop case studies and examples of specific water challenges and management options
 - i. SHE will work with the IRWM regions and DACs to identify and document IRWM successful multi-benefit projects that have addressed specific DAC water management challenges. SHE will develop at least two (2) case studies.
- 5. Educational Water Management Tours **(July 2019)**
 - a. Conduct up to two (2) educational tours. Educational tours will focus on both the “what” (integrated water management, including water sources, uses, users, movement of water and challenges) and the “how” (how the IRWM program work and examples of successful projects).

- b. Determine tour sites (DACs, IRWM members districts/projects and other locations)
- c. Prepare tour promotional materials (e.g. invitation, posters, media advisories, social media messages, etc.)
- d. Prepare other tour materials
 - i. Agenda
 - ii. Site profiles
 - iii. Other informational handouts
- e. Provide translation
- f. Conduct community outreach to secure diverse participation in the tours

6. Develop Bilingual (English and Spanish) Educational Video Series (August 2019)

- a. SHE will hire and work with a filmmaker/consultant to develop a short video series on Integrated Regional Water Management, what it is, and specific regional water/DAC challenges and opportunities.

Deliverables

- Bilingual Communication and Educational Tools, including case studies Tour Materials and Educational Tours Summary Report
- Draft content for video series
- Copies of the Educational Video Series

Task 5: Program Administration

This task includes the drafting of an amendment following the second phase of assessment of DAC participation in IRWM and development of individual DAC engagement and outreach recommendations for each of the seven (7) IRWM regions.

- 4. DAC Education and Engagement Proposal (February 2019)**
 - a. Prepare draft and final DACEEP recommendations and amendment.
 - b. Present proposals to project manager, the County of Tulare and PAC, obtain feedback, make necessary revisions and submit final proposal/amendment.

Deliverables

- Draft and Final DACEEP Amendment and associated PowerPoint presentations

New/Additional Proposed Tasks

Task 6: Develop Individual DAC Engagement and Outreach Recommendations for IRWM Regions

This task includes reviewing findings of Phase One and Phase Two DAC participation assessment and feedback obtained by the IRWM regions to develop individual DAC engagement and outreach recommendations for each of the seven IRWM regions. **(May 2019)**

- 1. Develop draft and final tailored DAC engagement and outreach recommendations for each of the seven IRWM regions.
 - a. Review findings of Phase One and Phase Two DAC participation in IRWM assessment and feedback obtained by the IRWM regions

- b. Schedule additional meetings with IRWM regions if needed
- c. Prepare draft and final DAC engagement and outreach recommendations
- d. Present draft to IRWM regions, obtain feedback, make necessary revisions and submit final recommendations.

Deliverables

- Draft and final individual DAC engagement and outreach recommendations for each of the seven IRWM regions

Task 7: Develop IRWM Participation Recommendations for DACs and SDACs that are outside an IRWM region (March 2019 – August 2019)

This task includes reconvening the “white areas working group,” a group of IRWM representatives, DAC representatives and other interested parties, tasked with identifying and discussing approaches to extend coverage to communities outside of an IRWM region, review current circumstances, previously identified recommendations and develop new recommendations.

1. Reconvene white areas working group
 - a. Contact previous members/recruit new members (e.g. DACs in white areas, IRWM regions)
 - b. Schedule kick off meeting/conference call
2. Facilitate up to three (3) conference calls or in-person meetings with the white areas working group
 - a. Prepare meeting materials/notes
 - b. Prepare draft and final recommendations
3. Review what other IRWM regions around the state have done to facilitate DAC participation
 - a. Determine relevant options for the Tulare-Kern Funding Area (TKFA)
 - b. Present options to white areas working group and obtain feedback
4. Gauge interest by DACs in participating in IRWM and identify IRWM groups that are willing to incorporate DACs into their boundaries
 - a. Outreach to DACs
 - b. Outreach to IRWMs
 - c. Outreach to other water interests
 - d. Develop outreach summary and recommendations

Deliverables:

- Meeting Summaries
- List of relevant options for the Tulare-Kern Funding Area
- Final Recommendations

Task 8: Provide Technical Assistance/Assist DACs to Prepare Funding Applications

This task includes assisting DACs to complete project information forms/getting project(s) on an IRWM list and the distribution and completion of TKFA DACIP Project Development Applications. **(November 2018 – November 2020)**

1. Distribute and complete TKFA DACIP Project Development Applications
 - a. Attend water board/community meetings

- b. Completion of up to 20 TKFA DACIP Project Development Applications
2. Assist DACs to complete project information forms and get their project(s) on an IRWM list
 - a. Identify DAC projects
 - b. Complete up to 12 project information forms
 - c. Attend IRWM meetings

Deliverables:

- Summary of distribution of TKFA DACIP Project Development Applications
- Completed TKFA DACIP Project Development Applications
- Project Information Forms Submitted

Task 9: Conduct Pre-Application and Grant Application Workshops or Trainings

This task includes conducting pre-application and grant application workshops/trainings prior to each of the two proposed Prop 1 IRWM funding solicitation rounds and facilitating DAC participation at DWR meetings/workshops with the funding area, and attend some on behalf of DACs if needed. **(November 2018 – October 2020)**

1. Conduct up to 4 pre-application and grant application workshops/trainings prior to each of the proposed Prop 1 IRWM solicitation rounds
 - a. Outreach to DACs
 - b. Prepare workshop/training materials and PowerPoint presentations
2. Facilitate DAC participation at DWR meetings/workshops within the funding area
 - a. Notify/encourage DACs to participate in DWR meetings/workshops with the funding area
 - b. Attend DWR meeting/workshops with funding area

Deliverables:

- Workshop/Training Materials and PowerPoint Presentations
- Summary of DAC Participation at DWR Meetings/Workshops

Budget

Phase One Approved Budget		
Task		Fee
1	Assessment of Past or Present DAC Engagement	\$ 14,300
2	Community Water Needs Assessment	\$ 76,300
3	Community Outreach and Education	\$110,700
4	Coordination with Project Advisory Committee	\$ 15,300
5	Program Administration	\$ 19,700
Total:		\$236,300
Phase 2 Budget and Activities		TBD
Total Allocated Budget		\$550,000
Remaining Balance		\$313,700

October 2018 Proposed Budget Adjustments			
Task		Proposed Fee Adjustment	New Total Amount
Proposed Revisions to Existing Tasks			
1	Assessment of Past or Present DAC Engagement	\$ 32,350	\$ 46,650
2	Community Water Needs Assessment	No Change	\$ 76,300
3	Community Outreach and Education	\$ 38,400	\$149,100
4	Coordination with Project Advisory Committee	No Change	\$ 15,300
5	Program Administration	\$ 2,200	\$21,900
New Proposed Tasks			
6	Develop Individual DAC Engagement and Outreach Recommendations for IRWM Regions	\$ 11,400	\$ 11,400
7	Develop IRWM Participation Recommendations for DACs and SDACs that are outside an IRWM region	\$ 18,330	\$ 18,330
8	Provide Technical Assistance/Assist DACs to Prepare Funding Applications	\$ 59,330	\$ 59,330
9	Conduct Pre-Application and Grant Application Workshops or Trainings	\$ 17,900	\$ 17,900
Proposed Budget Adjustments Subtotal:		\$ 179,910	
Phase One Approved Budget		\$ 236,300	
Phase One and October Budget Revisions Total		\$416,210	
Phase 2 Budget and Activities		TBD	
Total Allocated Budget		\$ 550,000	
Remaining Balance		\$133,790	

ASSESSMENT FINDINGS: DAC Involvement, Meeting Attendance and Grant Funding for the Tulare Kern Funding Area IRWM Groups

Prepared for the Tulare Kern Disadvantaged Community Involvement Program Project Advisory Committee (PAC) by Sonia Sanchez and Jessi Snyder of Self-Help Enterprises and Amaris Fraley and Kristin Dobbin of UC Davis

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1 BACKGROUND AND OBJECTIVES

The Tulare Kern Funding Area Disadvantaged Community Involvement Program (TKFA DACIP) is a \$3.4 million grant-funded effort, which aims to develop strategies to address long-term, sustainable water planning needs, and improve the participation and engagement of Disadvantaged Communities (DACs) and Severely Disadvantaged Communities (SDACs) in Integrated Regional Water Management (IRWM) within the funding area. Specifically, \$550,000 of the available \$3.4 million has been set aside to fund a Disadvantaged Community Engagement and Education Program (DACEEP). The DACEEP will focus on improving understanding of community water needs and the IRWM process as well as encouraging DAC/SDAC participation and engagement in IRWM activities.

The initial Disadvantaged Community Outreach and Engagement Recommendations Report sought to identify: 1) DACs that have participated in IRWM; 2) DACs that are actively participating in IRWM; 3) DACs that have never participated in IRWM; and 4) DACs that are outside of an IRWM region. Building upon that foundation, this assessment further seeks to identify *how* DACs have or are currently participating. This Assessment of Findings: DAC Involvement, Meeting Attendance and Grant Funding for the Tulare Kern Funding Area IRWM Groups, provides an assessment of past and present DAC/SDAC engagement in IRWM. The assessment was conducted to improve understanding of the nature of DAC involvement, and to serve as a baseline for measuring progress on DAC/SDAC participation and engagement in IRWM activities. It contains three related but separate considerations: DAC/SDAC involvement with the seven local IRWM groups, DAC/SDAC attendance at IRWM meetings and a careful analysis of two rounds of IRWM grant funding to projects that directly benefit DAC/SDACs.

2 METHODS

For the purpose of this study, the definition of DAC is as set forth in Division 26.5 of the California Water Code : “Disadvantaged community” means a community with an annual median household income that is less than 80 percent of the statewide annual median household income.¹ The number of DACs by IRWM group was taken directly from Self-Help Enterprises’ (SHE) participation assessment (see Appendix B), which identified 354 DACs in the Tulare Kern Funding Area, 344 of which fall inside the current boundaries of existing IRWM regions.

A Needs Assessment for the TKFA DACIP is being conducted concurrently with the DACEEP. While coordination with the Needs Assessment and DACEEP has been ongoing, final DAC statistics may vary. Assumptions that have impacted the DAC counts will be discussed in the Needs Assessment report.

¹ California Water Code § 79505.5 (a)

2.1 ATTENDANCE AT IRWM MEETINGS ASSESSMENT METHODS

The assessment of DAC/SDAC participation in IRWM meetings was conducted through an analysis of meeting minutes provided by IRWM groups. Where these were available, SHE collected meeting minutes from seven (7) IRWM groups, compiling lists of attendees at each meeting. The meeting minutes were then organized and analyzed in a spreadsheet (see Appendix A) to identify DAC and SDAC representatives.

Overall, the attendance assessment considers 42 meetings in 2017 and 2018, including board meetings and advisory/stakeholder committee meetings (where applicable). The number and time frame of meetings considered for each IRWM group is noted in the spreadsheet as it varies between groups. Efforts were made to obtain the most recent meeting information and collect information directly from the IRWM groups; nonetheless it is possible that records of some meetings were not received and were therefore omitted.

2.2 IRWM DAC/SDAC FUNDING ASSESSMENT METHODS

Information about IRWM grants received by the seven (7) IRWM groups in the funding area were collected from various documents from the Department of Water Resources (DWR) including IRWM grant funding proposals, proposal evaluations, and DWR's IRWM Proposal Solicitation Packages (PSPs). These documents were collected from the DWR public website and a Public Records Act Request for Proposition 84-related documents from DWR. All funding rounds from Proposition 84 were considered, as well as the sole executed funding round from Proposition 1 (which was for planning grants). IRWM funding prior to Proposition 84 (namely Proposition 50) is not included in this analysis.²

For the funding assessment, projects benefiting DACs were further subdivided in two main categories: **DAC projects** and **DAC benefiting projects**. A DAC project was defined as an IRWM funded project with direct benefit to one more DAC or SDAC (e.g. infrastructure improvements in a DAC or SDAC). DAC benefiting projects were defined as an IRWM funded project with claimed indirect benefits for one or more DAC/SDAC (e.g. IRWM plan updates, regional recharge).

Lastly, for the grant funding results, where a funding proposal was only partially funded it was assumed that all projects within that proposal were awarded the same partial funding (for example, if the proposal was 25% funded it was assumed each project in that proposal received 25% of the project costs requested). Depending on the project, this may not necessarily be the case, but based on the available documentation it was unknown how the partial funding award may have been adjusted by an individual IRWM group.

² Due to challenges accessing older records, Proposition 50 was not included in the analysis. Additionally, Proposition 50 did not have a DAC set aside. Therefore, the analysis is limited to Propositions where there were formal DAC allocations

2.3 DAC/SDAC INVOLVEMENT WITH IRWM GROUPS' ASSESSMENT METHODS

The third and final consideration in this assessment relates to the formal relationships established between local IRWM groups and the DACs/SDACs within their boundaries. To compile this information, SHE staff collected documents from each group including their most recent plan and project lists. Each of these documents were then reviewed for references to specific DACs/SDACs. This information was then compiled into a spreadsheet (see Appendix A) noting which communities have or have not participated, are members of the governing board or an advisory committee, and/or have a project on the IRWM group's project list. Basic statistical analysis was then performed to summarize these findings more concisely. Similar to the meeting attendance analysis, efforts were made to obtain the most recent and up-to-date sources of information; however, it is likely that some existing relationships may not have been fully captured by these document analysis methods.

Similarly, the methods were constrained to consideration of available documents. Further, this assessment should be considered a snapshot in time of a dynamic process. Local IRWM groups are encouraged to contribute comments and corrections to improve these findings.

3 MEETING ATTENDANCE, GRANT FUNDING, AND INVOLVEMENT ASSESSMENT RESULTS

3.1 DAC ATTENDANCE ASSESSMENT AT IRWM MEETINGS

This section summarizes the number and type of DACs in each IRWM region and comparatively inventories the attendance by DAC representatives at IRWM meetings. Because there is an observed difference in meeting participation levels between incorporated cities with paid staff and unincorporated communities who may lack professional staff, these community types were considered separately. Methods are described above in Section 2.1.

3.1.1 Kaweah IRWM Group & DAC Attendance Assessment at IRWM Meetings

Kaweah IRWM		
Total number of DACs in this IRWM group: 34 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	5 out of 34	15%
Unincorporated	29 out of 34	85%
SDACs	18 out of 34	52%
DACs	16 out of 34	48%

From February 2017 to July 2018, the total number of meetings Kaweah IRWM group held: 9 meetings overall, of which 6 meetings were held in 2017 and 3 in 2018.

6 meetings held in 2017	
February 22, 2017; March 15, 2017; April 26, 2017; May 17, 2017; June 21, 2017; August 30, 2017	
DAC and SDAC participants	
Farmersville	SDAC incorporated
Lindsay	SDAC incorporated
Tulare	DAC incorporated
IRWM DACs Participation in Meetings Breakdown	
Incorporated	3
Unincorporated	0
SDACs	2
DACs	1

3 meetings held in 2018	
February 21, 2018; April 25, 2018; July 19, 2018	
DAC and SDAC participants	
Farmersville	SDAC incorporated
Lindsay	SDAC incorporated
Tulare	DAC incorporated
IRWM DACs Participation Breakdown	
Incorporated	3
Unincorporated	0
SDACs	2
DACs	1

Overall, **3 DACs/SDACs** (combined) attended at least one meeting in this period, or 9% of the total DACs/SDACs in the Kaweah IRWM region. These are: Farmersville (SDAC Incorporated), Lindsay (SDAC Incorporated), and Tulare (DAC Incorporated). The table below shows the overall results for the Kaweah IRWM group.

Kaweah IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 34 total communities		
DAC and SDAC participants		
Farmersville	SDAC incorporated	
Lindsay	SDAC incorporated	
Tulare	DAC incorporated	
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage

Incorporated	3 out of 5	60%
Unincorporated	0 out of 29	0%
SDACs	2 out of 18	11.1%
DACs	1 out of 16	6.3%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Farmersville	Attended 100% of the meetings	
Lindsay	Attended 78% of the meetings	
Tulare	Attended 89% of the meetings	
Total	Average DAC/SDAC attendance rate: 89%	

3.1.2 Kings Basin IRWM Group & DAC Attendance Assessment at IRWM Meetings

Kings Basin IRWM		
Total number of DACs in this IRWM group: 92 total communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	10 out of 92	11%
Unincorporated	82 out of 92	89%
SDACs	47 out of 92	51%
DACs	45 out of 92	49%

From January 2017 to October 2018, the total number of meetings Kings Basin IRWM group held: 7 meetings overall, of which 4 meetings were held in 2017 and 3 in 2018.

4 meetings held in 2017	
January 18, 2017; April 19, 2017; July 19, 2018; October 18, 2017	
DAC and SDAC participants	
Fresno	DAC incorporated
Selma	DAC incorporated
Dinuba	SDAC incorporated
Kerman	DAC incorporated
Parlier	SDAC incorporated
Reedley	DAC incorporated
Sanger	DAC incorporated
Armona	DAC unincorporated
Biola	SDAC unincorporated
Lanare	DAC unincorporated
Malaga	DAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	7
Unincorporated	4
SDACs	3
DACs	8

3 meetings held in 2018	
April 18, 2018; July 18, 2018; October 18, 2018	
DAC and SDAC participants	
Fresno	DAC incorporated
Dinuba	SDAC incorporated
Kerman	DAC incorporated

Parlier	SDAC incorporated
Reedley	DAC incorporated
Sanger	DAC incorporated
Armona	DAC unincorporated
Malaga	DAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	6
Unincorporated	2
SDACs	2
DACs	6

Overall, 11 DACs/SDACs (combined) have attended at least one meeting representing 12% of all the DACs/SDACs in the region: Fresno (DAC Incorporated), Selma (DAC Incorporated), Dinuba (SDAC Incorporated), Kerman (DAC Incorporated), Parlier (SDAC Incorporated), Reedley (DAC Incorporated), Sanger (DAC Incorporated), Armona (DAC Unincorporated), Biola (SDAC Unincorporated), Lanare (DAC Unincorporated), and Malaga (DAC Unincorporated). The table below shows the overall results for the Kings Basin IRWM group.

Kings Basin IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 92 communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	7 out of 10	70%
Unincorporated	4 out of 82	4.9%
SDACs	3 out of 47	6.4%
DACs	8 out of 45	17.8%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Kerman	Attended 100% of the meetings	
Dinuba	Attended 14% of the meetings	
Fresno	Attended 57% of the meetings	
Parlier	Attended 71% of the meetings	
Reedley	Attended 86% of the meetings	
Sanger	Attended 14% of the meetings	
Selma	Attended 43% of the meetings	
Armona	Attended 86% of the meetings	
Biola	Attended 43% of the meetings	
Lanare	Attended 29% of the meetings	
Malaga	Attended 57% of the meetings	
Total	Average DAC/SDAC attendance rate: 55%	

3.1.3 Westside-San Joaquin IRWM Group & DAC Attendance Assessment at IRWM Meetings

Westside-San Joaquin IRWM		
Total number of DACs in this IRWM group: 32 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	1 out of 32	3%
Unincorporated	31 out of 32	97%
SDACs	20 out of 32	62.5%
DACs	12 out of 32	37.5%

6 meetings held in 2018	
March 20, 2018; April 17, 2018; May 15, 2018; June 19, 2018; July 31, 2018; November 5, 2018	
DAC and SDAC participants	
None	
IRWM DACs Participation Breakdown	
Incorporated	0
Unincorporated	0
SDACs	0
DACs	0

Westside IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 32 communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	0 out of 1	0%
Unincorporated	0 out of 31	0%
SDACs	0 out of 20	0%
DACs	0 out of 12	0%

3.1.4 Kern IRWM Group & DAC Attendance Assessment at IRWM Meetings

Kern IRWM		
Total number of DACs in this IRWM group: 113 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	6 out of 113	5%
Unincorporated	107 out of 113	95%
SDACs	76 out of 113	67%
DACs	37 out of 113	33%

From January 2017 to November 2018, the total number of meetings the IRWM group held: 2 meetings overall, of which 1 meeting was held in 2017 and 1 in 2018.

1 meeting held in 2017	
January 23, 2017	
DAC and SDAC participants	
Oildale	SDAC unincorporated
Buttonwillow	SDAC unincorporated
Arvin	SDAC incorporated
IRWM DACs Participation Breakdown	
Incorporated	1
Unincorporated	2
SDACs	3
DACs	0

1 meeting held in 2018	
November 9, 2018	
DAC and SDAC participants	
Oildale	SDAC unincorporated
Buttonwillow	SDAC unincorporated
Arvin	SDAC incorporated
IRWM DACs Participation Breakdown	
Incorporated	1
Unincorporated	2
SDACs	3
DACs	0

Overall, 3 DACs/SDACs (combined) have attended at least one meeting representing 2.65% of all the DACs/SDACs in the IRWM region: Oildale (SDAC Unincorporated), Buttonwillow (SDAC Unincorporated), and Arvin (SDAC Unincorporated). The table below shows the overall results for the Kern IRWM group.

Kern IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 113 communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	1 out of 6	16.7%
Unincorporated	2 out of 107	1.9%
SDACs	3 out of 76	3.9%
DACs	0 out of 37	0%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Oildale	Attended 100% of the meetings	
Buttonwillow	Attended 50% of the meetings	
Arvin	Attended 50% of the meetings	
Total	Average DAC/SDAC attendance rate: 83%	

3.1.5 Poso Creek IRWM Group & DAC Attendance Assessment at IRWM Meetings

Poso Creek IRWM		
Total number of DACs in this IRWM group: 15 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	4 out of 15	27%
Unincorporated	11 out of 15	73%
SDACs	6 out of 15	40%
DACs	9 out of 15	60%

From January 2017 to November 2018, the total number of meetings IRWM group held: 7 meetings overall, of which 4 meeting were held in 2017 and 3 in 2018.

4 meetings held in 2017	
January 3, 2017; May 2, 2017; June 6, 2017; August 16, 2017	
DAC and SDAC participants	
Pond	SDAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	0
Unincorporated	1
SDACs	1
DACs	0

3 meetings held in 2018	
March 6, 2018; August 7, 2018; November 6, 2018	
DAC and SDAC participants	
Pond	SDAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	0
Unincorporated	1
SDACs	1
DACs	0

Overall, only one DAC/SDAC (combined) has attended at least one meeting representing 6.7% of all the DACs/SDACs in the IRWM region: Pond (SDAC Unincorporated). Pond, the only DAC/SDAC to attend Poso Creek meetings and considered in this analysis attended 43% of the IRWM meetings (3/7 meetings). The table below shows the overall results for the Poso Creek IRWM group.

Poso Creek IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 15 communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	0 out of 4	0%
Unincorporated	1 out of 11	9.1%
SDACs	1 out of 6	16.7%
DACs	0 out of 9	0%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Pond	Attended 43% of the meetings	
Total	Average DAC/SDAC attendance rate: 43%	

3.1.6 Southern Sierra IRWM Group & DAC Attendance Assessment at IRWM Meetings

Southern Sierra IRWM		
Total number of DACs in this IRWM group: 18 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	0 out of 18	0%
Unincorporated	18 out of 18	100%
SDACs	10 out of 18	56%
DACs	8 out of 18	44%

The total number of meetings considered for the Southern Sierra IRWM group was 1 meeting (December 2, 2017)

1 meeting held in 2017	
December 2, 2017	
DAC and SDAC participants	
Springville	SDAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	0
Unincorporated	1
SDACs	1
DACs	0

Overall, one DAC/SDAC (combined) participated in the meeting considered representing 5.6% of all the DACs/SDACs in the IRWM region: Springville (SDAC Unincorporated). The table below shows the overall results for the Southern Sierra IRWM group.

Southern Sierra IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 18 total communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	0 out of 0	0%
Unincorporated	1 out of 18	5.56%
SDACs	1 out of 10	10%
DACs	0 out of 8	0%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Springville	Attended 100% of the meetings	
Total	Average DAC/SDAC attendance rate: 100%	

3.1.7 Tule River IRWM Group & DAC Attendance Assessment at IRWM Meetings

Tule River IRWM		
Total number of DACs in this IRWM group: 40 communities		
IRWM Group DAC Breakdown		
Category	Total	Percentage
Incorporated	1 out of 40	2.5%
Unincorporated	39 out of 40	97.5%
SDACs	20 out of 40	50%
DACs	20 out of 40	50%

From February 2017 to May 2018, the total number of meetings IRWM group held: 9 meetings overall, of which 5 meetings were held in 2017 and 4 in 2018.

5 meetings held in 2017	
February 27, 2017; April 24, 2017; June 26, 2017; October 30, 2017; December 18, 2017	
DAC and SDAC participants	
Porterville	DAC incorporated
Woodville	SDAC unincorporated
Allensworth	SDAC unincorporated
Alpaugh	DAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	1
Unincorporated	3
SDACs	2
DACs	2

4 meetings held in 2018	
January 29, 2018; February 26, 2018; April 30, 2018; May 29, 2018	
DAC and SDAC participants	
Porterville	DAC incorporated
Woodville	SDAC unincorporated
Allensworth	SDAC unincorporated
Alpaugh	DAC unincorporated
IRWM DACs Participation Breakdown	
Incorporated	1
Unincorporated	3
SDACs	2
DACs	2

Overall, 4 DACs/SDACs (combined) have attended at least one meeting representing 10% of all the DACs/SDACs in the IRWM region: Porterville (SDAC incorporated), Woodville (SDAC Unincorporated), Allensworth (SDAC Unincorporated), Alpaugh (DAC Unincorporated). The table below shows the overall results for the Tule River IRWM group.

Tule River IRWM Attendance Final Results		
Total number of DACs in this IRWM group: 40 communities		
Number of DACs that have attended at least one meeting broken up by category		
Category	Total	Percentage
Incorporated	1 out of 1	100%
Unincorporated	3 out of 39	8%
SDACs	2 out of 20	10%
DACs	2 out of 20	10%
Attendance rates for participating DACs/SDACs		
City	Percentage	
Allensworth	Attended 44% of the meetings	
Alpaugh	Attended 11% of the meetings	
Porterville	Attended 100% of the meetings	
Woodville	Attended 56% of the meetings	
Total	Average DAC/SDAC attendance rate: 53%	

3.1.8 Tulare Kern Funding Area, 7 IRWM groups, DAC Attendance Assessment at IRWM Meetings

7 IRWM Groups		
Total number of DACs/SDACs in the 7 IRWM groups: 344 total communities		
Number of DACs outside of the 7 IRWM groups but within the Tulare Lake Basin region: 10		
7 IRWM Groups DAC Breakdown		
Category	Total	Percentage
Incorporated	27 out of 344	8%
Unincorporated	317 out of 344	92%
SDACs	197 out of 344	57%
DACs	147 out of 344	43%

Between 2017 to 2018, a total of 35 meetings were held among the 7 IRWM groups. Overall, 23 DACs/SDACs in the region have attended at least one meeting over this period representing 6.68% of all the DACs/SDACs in the region (23/344 DACs/SDACs). The table below shows the overall results for the Tulare Kern Funding Area. These findings represent DACs/SDACs in the seven IRWM groups and does not include any DACs/SDACs that participated outside of the groups within the IRWM region.

7 IRWM Groups Attendance Final Results		
Total number of DACs among the 7 IRWM groups: 344 communities		
Number of DACs that have attended at least one meeting broken up by Community type		
IRWM group	Community	Community Type
Tule River	Porterville	DAC incorporated
	Woodville	SDAC unincorporated
	Allensworth	SDAC unincorporated
	Alpaugh	DAC unincorporated
Kern	Oildale	SDAC unincorporated
	Buttonwillow	SDAC unincorporated
	Arvin	SDAC incorporated
Kings Basin	Fresno	DAC incorporated
	Selma	DAC incorporated
	Dinuba	SDAC incorporated
	Kerman	DAC incorporated
	Parlier	SDAC incorporated
	Reedley	DAC incorporated
	Sanger	DAC incorporated
	Armona	DAC unincorporated
	Biola	SDAC unincorporated
	Lanare	DAC unincorporated
	Malaga	DAC unincorporated
Kaweah	Farmersville	SDAC incorporated
	Lindsay	SDAC incorporated
	Tulare	DAC incorporated
Poso Creek	Pond	SDAC unincorporated
Southern Sierra	Springville	SDAC unincorporated
Westside-San Joaquin	None	-
Attendance broken down by DAC and SDAC status and incorporated and unincorporated		
Status	Total	Attendance
Incorporated	12 out of 27	$(12/27)*100 = 44.4\%$ attended at least one meeting
Unincorporated	11 out of 317	$(11/317)*100 = 3.5\%$ attended at least one meeting
SDACs	12 out of 197	$(12/197)*100 = 6.1\%$ attended at least one meeting
DACs	11 out of 147	$(11/147)*100 = 7.5\%$ attended at least one meeting
Total	6.68% of all the DACs/SDACs in the region attended at least one IRWM meeting in 2017 or 2018	

3.2 DAC GRANT FUNDING ASSESSMENT RESULTS

In this section, an assessment was performed of the monetary benefits derived from DAC involvement in IRWM. This information includes grants made to fund projects that directly or indirectly benefit DACs/SDACs, and also includes local cost share requirements that were waived on account of DAC benefit or inclusion. Points awarded for meeting DAC criteria are also reflected here. Methods are described in Section 2.2 above.

3.2.1 Kaweah DAC Grant Funding Assessment

Kaweah IRWM has been the recipient of a total of three rounds of Proposition 84 funding from DWR: A Round 2 Planning Grant (total funding \$235,254), a Round 1 Implementation Grant (total funding \$4,646,000), and a Drought Grant (total funding \$241,818). Of these, only the Round 2 Planning Grant was fully funded at the levels requested by the IRWM group. Each of the three funding rounds awarded Kaweah IRWM points for DAC benefits and/or involvement, as follows:

- Round 2 Planning: Received 8 of 10 possible points for DAC involvement. The estimated DAC contribution/benefit of this project was \$39,720.
- Round 1 Implementation: One of five projects was identified as a DAC project (well abandonment).
- Drought: One of two projects was identified as a DAC project.

Based on the benefits to DACs, the Round 1 Implementation funds included \$359,264 for the DAC project, or 7.7% of the total funding received. The Drought round included a presumed \$104,364 for the DAC project, or 43.2% of the total funding received after local cost share. In both cases (Round 1 and Drought round), the DAC-related portion of the local cost share was waived.

3.2.2 Kings Basin DAC Grant Funding Assessment

The Kings Basin IRWM has received one round of Proposition 1 funding and three rounds of Proposition 84 funding from DWR: Proposition 1 Round 1 Planning Grant (total funding **\$202,817**), a Proposition 84 Round 1 Planning Grant (total funding **\$236,890**), a Proposition 84 Round 1 Implementation Grant (total funding **\$8,496,000**), and a Proposition 84 Round 2 Implementation Grant (total funding **\$8,734,000**). Of these, the two Planning Grants and the Round 2 Implementation Grant were fully funded; the Prop 84 Round 1 Implementation Grant was partially funded. In all four funding rounds, Kings Basin was awarded points and other benefits for DAC involvement and/or benefit, as follows:

- Proposition 1 Round 1 Planning Grant: Requested and received DAC/EDA cost waiver, reducing overall cost share to 21%. Received 4 out of 4 points for benefits to DACs.
- Proposition 84 Round 1 Planning Grant: Scored 10 out of 10 points for DAC involvement

- Proposition 84 Round 1 Implementation Grant: Four of six projects in the proposal were DAC projects.
- Proposition 84 Round 2 Implementation Grant: Two out of 5 projects in the funding proposal were DAC projects.

Based on the benefits to DACs, the Round 1 Implementation Grant included \$3,908,054 or 46% of the total funding received. The Round 2 Implementation Grant included \$3,701,066 or 42.4% of the funding received.

3.2.3 Westside-San Joaquin DAC Grant Funding Assessment

The Westside-San Joaquin IRWM group has received one Proposition 84 Drought Grant from DWR, for a total of \$2,742,915. While the proposal received 3 out of 3 points for addressing the Human Right to Water, none of the five projects included in the proposal were DAC projects.³ Overall, the Drought proposal was funded at 15% of the total request. No DAC cost-share waiver was claimed nor awarded.

3.2.4 Kern DAC Grant Funding Assessment

The Kern IRWM group has received three rounds of Proposition 84 funding from DWR: Proposition 84 Round 2 Implementation Grant (total funding **\$8,011,898**), a Proposition 84 Round 2015) Implementation Grant (total funding **\$3,036,000**), and a Proposition 84 Drought Grant (total funding **\$11,921,079**). Of these, the Round 2 Implementation Grant and the Drought Grant were fully funded; the Prop 84 Round 2015 Implementation Grant was 75% funded. In all three funding rounds, Kern IRWM was awarded points and other benefits for DAC involvement and/or benefit, as follows:

- Proposition 84 Round 2 Implementation Grant: One out of 5 projects included was a DAC project.
- Proposition 84 Drought Grant: One out of four projects in the funding proposal was a DAC project. The proposal received 3 out of 3 points for addressing the Human Right to Water.
- Proposition 84 Round 2015 Implementation Grant: One of three projects in the proposal was a DAC project. The proposal received 2 out of 2 points for addressing the Human Right to Water.

³ The Drought Grant proposal included five projects, all five of which were noted as benefiting DACs through reducing groundwater pumping, etc. However, no DAC cost share waiver was claimed nor awarded, so this assessment does not consider these projects to be “DAC projects.”

Based on the benefits to DACs, the Round 2 Implementation funds included **\$3,796,326** for the DAC project, or 47% of the total funding received. The Drought Round included **\$3,746,080** for the DAC project, or 31% of the total funding received. The Implementation Round 2015 included **\$1,425,000** for the DAC project, or 47% of the total grant amount. Additionally, a second project was funded in Round 2015 that did not claim DAC benefits or cost share waiver, but which did in fact benefit a DAC. This second project was funded for a presumed \$731,300, or another 24% of the funding received.

3.2.5 Poso Creek DAC Grant Funding Assessment

The Poso Creek IRWM has received two rounds of Proposition 84 funding and one round of Proposition 1 funding: Proposition 1 Round 1 Planning Grant (total funding **\$250,000**), a Proposition 84 Round 1 Implementation Grant (total funding **\$8,215,000**), and a Proposition 84 2015 Implementation Grant (total funding **\$1,018,299**). Of these, the Prop 1 Planning Grant was fully funded; the two Proposition 84 grants were partially funded. In all three funding rounds, Poso Creek IRWM was awarded points and other benefits for DAC involvement and/or benefit, as follows:

- Proposition 1 Round 1 Planning Grant: Received 4 out of 4 points on application evaluation for benefiting DACs/EDAs
- Proposition 84 Round 1 Implementation Grant: Four of eight projects in the funding proposal were DAC projects.
- Proposition 84 Round [2015] Implementation Grant: One of two projects in the proposal was a DAC project. The proposal received 2 out of 2 points for addressing the Human Right to Water.

Based on the benefits to DACs, the Round 1 Implementation funds included **\$1,218,444** for the four DAC projects, or 14.8% of the total funding received. The Implementation Round [2015] included **\$216,650** for the DAC project, or 21% of the total grant amount. Both rounds of Implementation funding included some DAC-related cost share waiver.

3.2.6 Tule River DAC Grant Funding Assessment

The Tule River IRWM received one Proposition 1 (Round 1) Planning Grant from DWR, in the amount of \$122,550. The proposal was fully funded, and benefited from a DAC/EDA cost share waiver, reducing local cost share to 18%. The proposal scored 4 out of 4 points for benefits to DACs/EDAs.

3.2.7 Southern Sierra DAC Grant Funding Assessment

Southern Sierra IRWM has received two planning grants from DWR: Proposition 1 (Round 1) Planning (total funding \$217,927) and a Proposition 84 Round 2 Planning Grant (total funding \$519,987). The Prop 1 proposal was fully funded; the Prop 84 proposal was partially funded. In all three funding rounds, Southern Sierra IRWM was awarded points and other benefits for DAC involvement and/or benefit, as follows:

- Proposition 1 Round 1 Planning Grant: Awarded 3 out of 4 points on application for DAC benefits.
- Proposition 84 Round 2 Planning Grant: Received 10 out of 10 points for DAC involvement.

Based on the benefits to DACs, both rounds of funding included some DAC-related cost share waiver. Being planning grants, these benefits were not quantified specific to DACs.

3.2.8 Overall Tulare Kern Funding Area (all 7 IRWM regions) DAC Grant Funding Assessment

- Total amount of money received through Propositions 1 and 84: **\$58,856,599**
- Total amount of money received for IRWM plans/plans updates: **\$1,557,700** (2.6% of total)
- Total amount of money received for DAC projects: **\$19,206,548** (32.6% of total)
 - Amount that went to incorporated DACs: **\$8,022,750** (41.77% of DAC project money, 13.6% of total IRWM funding received)
 - Amount that went to unincorporated DACs: **\$11,183,798** (58.23% of DAC project money, 19% of total IRWM funding received)

3.3 INVOLVEMENT ASSESSMENT RESULTS

This section identifies the formal relationships established between local IRWM groups and the DACs/SDACs within their boundaries. To compile this information SHE staff collected documents from each group including their most recent plan and project lists, an approach intended to identify a level of involvement that surpassed attendance at meetings, but which may have fallen short of receipt of actual funding. Methods are described in Section 2.3 above.

Kaweah

- **7 out of 34 (20.6%) have participated**
 - 3 out of 16 DACs have participated (18.75%)
 - Tulare
 - 4 out of 18 SDACs have participated (22.22%)
 - Woodlake
 - Lindsay
 - Ivanhoe
 - Farmersville
 - 4 out of 5 incorporated DACs have participated (80%)
 - Lindsay
 - Woodlake
 - Tulare
 - Farmersville
 - 3 out of 29 unincorporated DACs have participated (10.35%)
 - Ivanhoe
- **27 out of 34 (79.4%) never participated**
 - DAC 13 out of 16 have never participated (81.3%)
 - SDAC 14 out of 18 have never participated (78%)

- Incorporated 1 out of 5 have never participated (20%)
- Unincorporated 26 out of 29 have never participated (89.66%)
- **5 out of 34 (14.706%) that are on the board**
 - **DAC: 3 out of the 16 are board members (18.75%)**
 - Tulare
 - **SDAC: 2 out of 18 are board members (11.11%)**
 - Farmersville
 - Lindsay
 - **Incorporated: 3 out of 5 are incorporated (60%)**
 - Tulare
 - Farmersville
 - Lindsay
 - **Unincorporated: 2 out of 29 are unincorporated (6.9%)**
- **7 out of 34 (20.588 %) that are on the advisory board/stakeholder committee**
 - **DAC: 3 out of 18 are members of Advisory Committee (16.667%)**
 - Tulare
 - **SDAC: 4 out of 16 are members of Advisory Committee (25%)**
 - Farmersville
 - Ivanhoe
 - Lindsay
 - Woodlake
 - **Incorporated: 4 out of 5 are members of Advisory Committee (80%)**
 - Tulare
 - Farmersville
 - Lindsay
 - Woodlake
 - **Unincorporated: 3 out of 29 are members of Advisory Committee (10.345%)**
 - Ivanhoe
- **0 out of 34 (0%) that are an interested party**
- **2 out of 34 (5.882%) that have a project on list**
 - **DAC: 0 out of 16 have a project on list (0%)**
 - **SDAC: 2 out of 18 have projects on list (11.111%)**
 - Ivanhoe
 - Lindsay
 - **Incorporated: 1 out of 5 have projects on list (20%)**
 - Lindsay
 - **Unincorporated: 1 out of 29 have projects on list (3.448%)**
 - Ivanhoe

Kings Basin

- **21 out of 92 (22.83%) that have participated:**
 - **DAC: 7 out of 45 have participated (15.56%)**
 - Armona
 - Fresno
 - Kerman
 - Lanare
 - Reedley
 - Sanger
 - Selma
 - **SDAC: 14 out of 47 have participated (29.79%)**

- Biola
 - Cutler
 - East Orosi
 - Dinuba
 - Hardwick
 - Laton
 - London
 - Orange Grove
 - Orosi
 - Parlier
 - Raisin City
 - Riverdale
 - San Joaquin
 - Sultana
- **Incorporated: 9 out of 10 have participated (90%)**
 - Dinuba
 - Fresno
 - Kerman
 - Orange Cove
 - Parlier
 - Reedley
 - San Joaquin
 - Sanger
 - Selma
- **Unincorporated: 12 out of 82 have participated (14.63%)**
 - Armona
 - Biola
 - Cutler
 - East Orosi
 - Hardwick
 - Lanare
 - Laton
 - London
 - Orosi
 - Raisin City
 - Riverdale
 - Sultana
- **71 out of 92 (77.174 %) that have never participated**
 - **DAC:** 38 out of 45 have never participated (84.44%)
 - **SDAC:** 33 out of 47 have never participated (70.21%)
 - **Incorporated:** 1 out of 10 have never participated (10%)
 - **Unincorporated:** 70 out of 82 (85.37%)
- **7 out of 92 (7.609%) that are on the board**
 - **DAC: 5 out of 45 are on the Board (11.111%)**
 - Fresno
 - Kerman
 - Reedley
 - Sanger
 - Selma
 - **SDAC: 2 out 47 are on the Board (4.255%)**
 - Dinuba

- Reedley
- **Incorporated: 7 out of 10 are on the Board (70%)**
 - Dinuba
 - Fresno
 - Kerman
 - Parlier
 - Reedley
 - Sanger
 - Selma
- **Unincorporated: 0 out of 82 are on the Board (0%)**
 - Not applicable
- **21 out of 92 (22.83%) that are on the advisory board/stakeholder committee**
 - **DAC: 7 out of 45 are on Advisory Committee (15.555%)**
 - Armona
 - Fresno
 - Kerman
 - Lanare
 - Reedley
 - Sanger
 - Selma
 - **SDAC: 14 out of 47 are on Advisory Committee (29.787%)**
 - Biola
 - Cutler
 - Dinuba
 - East Orosi
 - Hardwick
 - Laton
 - London
 - Orange Cove
 - Orosi
 - Parlier
 - Raisin City
 - Riverdale
 - San Joaquin
 - Sultana
 - **Incorporated: 9 out of 10 are on Advisory Committee (90%)**
 - Dinuba
 - Fresno
 - Kerman
 - Orange Cove
 - Parlier
 - Reedley
 - San Joaquin
 - Sanger
 - Selma
 - **Unincorporated: 12 out of 82 are on Advisory Committee (57.14%)**
 - Armona
 - Biola
 - Cutler
 - East Orosi
 - Hardwick

- Lanare
 - Laton
 - London
 - Orosi
 - Raisin City
 - Riverdale
 - Sultana
- **14 out of 92 (15.217%) that are an interested party**
 - **DAC: 2 out of 45 (4.444%)**
 - Armona
 - Lanare
 - **SDAC: 12 out of 47 (25.532%)**
 - Biola
 - Cutler
 - East Orosi
 - Hardwick
 - Laton
 - London
 - Orange Cove
 - Orosi
 - Raisin City
 - Riverdale
 - San Joaquin
 - Sultana
 - **Incorporated: 2 out of 10 (20%)**
 - Orange Cove
 - San Joaquin
 - **Unincorporated: 12 out of 82 (14.634%)**
 - Armona
 - Biola
 - Cutler
 - East Orosi
 - Hardwick
 - Lanare
 - Laton
 - London
 - Orosi
 - Raisin City
 - Riverdale
 - Sultana
- **13 out of 92 (14.130%) that have a project on list**
 - **DAC: 4 out of 45 have a project on list (8.889%)**
 - Fresno
 - Kerman
 - Reedley
 - Selma
 - **SDAC: 9 out of 47 have a project on list (19.150%)**
 - Dinuba
 - East Orosi
 - Hardwick
 - London

- Orange Cove
- Parlier
- Raisin City
- San Joaquin
- Sultana
- **Incorporated: 8 out of 10 have a project on list (80%)**
 - Dinuba
 - Fresno
 - Kerman
 - Orange Cove
 - Parlier
 - Reedley
 - San Joaquin
 - Selma
- **Unincorporated: 5 out of 82 have a project on list (6.098%)**
 - East Orosi
 - Hardwick
 - London
 - Raisin City
 - Sultana

Westside

- **1 out of 32 (3.125 %) has participated**
 - **DAC: 0 out of 12 have participated (0%)**
 - Not Applicable
 - **SDAC: 1 out of 20 has participated (5%)**
 - Huron
 - **Incorporated: 1 out of 1 has participated (100%)**
 - Huron
 - **Unincorporated: 0 out of 31 have participated (0%)**
 - Not Applicable
 - **List those that have participated**
 - Huron
- **31 out of 32 (96.875%) that have never participated**
 - **DAC: 12 out of 12 have never participated (100%)**
 - **SDAC: 19 out of 20 have never participated (95%)**
 - **Incorporated: 0 out of 1 have never participated (0%)**
 - **Unincorporated: 31 out of 31 have never participated (100%)**
- **0 out of 32 (0%) that are on the board**
- **0 out of 32 (0%) that are on the advisory board/stakeholder committee**
- **1 out of 32 (3.125%) that are an interested party**
 - **DAC: 0 out of 12 are interested parties (0%)**
 - **SDAC: 1 out of 20 are interested parties (5.26%)**
 - Huron
 - **Incorporated: 1 out of 1 are interested parties (100%)**
 - Huron
 - **Unincorporated: 0 out of 31 are interested parties (0%)**
- **0 out of 32 (0%) that have a project on list**

Kern

- **32 out of 113 (28.318%) that have participated**

- **DAC: 3 out of 37 have participated (8.108%)**
 - Taft
 - Tehachapi
 - Greenfield County WD
- **SDAC: 20 out of 76 have participated (26.32%)**
 - Arvin
 - Delano
 - Maricopa
 - McFarland
 - Bella Vista
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lake Isabella
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Oildale
 - Rainbird Valley
 - Reeder Tract
 - Weedpatch
- **Incorporated: 6 out of 6 have participated (100%)**
 - Taft
 - Tehachapi
 - Arvin
 - Delano
 - Maricopa
 - McFarland
- **Unincorporated: 17 out of 107 have participated (15.89%)**
 - Greenfield County WD
 - Bella Vista
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lake Isabella
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Oildale
 - Rainbird Valley
 - Reeder Tract
 - Weedpatch
- **88 out of 113 (77.876%) that have never participated**

- **DAC:** 34 out of 37 have never participated (91.89%)
- **SDAC:** 56 out of 76 have never participated (73.68%)
- **Incorporated:** 0 out of 6 have never participated (0%)
- **Unincorporated:** 90 out of 107 have never participated (84.11%)
- **18 out of 113 (15.929%) that are on the board**
 - **DAC: 2 out of 37 are on the board (5.405%)**
 - Taft
 - Tehachapi
 - **SDAC: 16 out of 76 are on the board (21.053%)**
 - Arvin
 - Delano
 - Maricopa
 - McFarland
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Rainbird Valley
 - **Incorporated: 6 out of 6 are on the board (100%)**
 - Taft
 - Tehachapi
 - Arvin
 - Delano
 - Maricopa
 - McFarland
 - **Unincorporated: 12 out of 107 are on the board (11.215%)**
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Rainbird Valley
- **17 out of 113 (15.044%) that are on the advisory board/stakeholder committee**
 - **DAC: 2 of 37 are on the advisory board/stakeholder communities (5.405%)**
 - Taft
 - Tehachapi
 - **SDAC: 15 of 76 are on the advisory board/stakeholder committee (19.737%)**
 - Arvin
 - Delano
 - Maricopa

- McFarland
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Rainbird Valley
- **Incorporated: 6 of 6 are on the advisory board/stakeholder communities (100%)**
 - Taft
 - Tehachapi
 - Arvin
 - Delano
 - Maricopa
 - McFarland
- **Unincorporated: 11 of 107 are on the advisory board/stakeholder communities (10.280%)**
 - Buttonwillow
 - Casa Loma Water Co, Inc.
 - East Niles
 - Frazier Park
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Rainbird Valley
- **0 out of 113 (0%) that are an interested party**
 - **DAC: 0 out of 37 are an interested party (0%)**
 - **SDAC: 0 out of 76 are an interested party (0%)**
 - **Incorporated: 0 out of 6 are an interested party (0%)**
 - **Unincorporated: 0 out of 107 are an interested party (0%)**
- **27 out of 113 (23.893%) that have a project on list**
 - **DAC: 3 out of 37 have a project on list (8.108%)**
 - Taft
 - Tehachapi
 - Greenfield County WD
 - **SDAC: 19 out of 76 have a project on list (25%)**
 - Arvin
 - Delano
 - Maricopa
 - McFarland
 - Bella Vista
 - Buttonwillow
 - East Niles

- Frazier Park
- Lake Isabella
- Lamont
- Lebec
- Long Canyon
- Lost Hills
- Mettler
- Mountain Mesa
- Oildale
- Rainbird Valley
- Reeder Tract
- Weedpatch
- **Incorporated: 6 out of 6 have a project on list (100%)**
 - Taft
 - Tehachapi
 - Arvin
 - Delano
 - Maricopa
 - McFarland
- **Unincorporated: 16 out of 107 have a project on list (14.953%)**
 - Greenfield County WD
 - Bella Vista
 - Buttonwillow
 - East Niles
 - Frazier Park
 - Lake Isabella
 - Lamont
 - Lebec
 - Long Canyon
 - Lost Hills
 - Mettler
 - Mountain Mesa
 - Oildale
 - Rainbird Valley
 - Reeder Tract
 - Weedpatch

Poso Creek

- **6 out of 15 (40%) that have participated**
 - **DAC: 4 out of 9 have participated (44.444%)**
 - Pond
 - Rodriguez Labor Camp
 - Shafter
 - Wasco
 - **SDAC: 6 out of 6 have participated (100%)**
 - Delano
 - Earlimart
 - McFarland
 - Pond School
 - Richgrove
 - Semitropic School

- **Incorporated: 4 out of 4 have participated (100%)**
 - Delano
 - McFarland
 - Shafter
 - Wasco
- **Unincorporated: 6 out of 11 have participated (54.545%)**
 - Earlimart
 - Pond
 - Pond School
 - Richgrove
 - Rodriguez Labor Camp
 - Semitropic School
- **5 out of 15 (33.33%) have never participated**
 - **DAC:** 5 out of 9 have never participated (55.56%)
 - **SDAC:** 0 out of 6 have never participated (0%)
 - **Incorporated:** 0 out of 4 have never participated (0%)
 - **Unincorporated:** 5 out of 11 have never participated (45.46%)
- **3 out of 15 (20%) that are on the board**
 - **DAC: 1 out of 9 are on the board (11.11%)**
 - Shafter
 - **SDAC: 2 out of 6 are on the board (33.33%)**
 - Delano
 - McFarland
 - **Incorporated: 3 out of 4 are on the board (75%)**
 - Delano
 - McFarland
 - Shafter
 - **Unincorporated: 0 out of 11 are on the board (0%)**
- **9 out of 15 (60%) that are on the advisory board/stakeholder committee**
 - **DAC: 3 out of 9 are on advisory board/committee (33.333%)**
 - Pond
 - Rodriguez Labor Camp
 - Shafter
 - **SDAC: 6 out of 6 are on advisory board/committee (100%)**
 - Delano
 - Earlimart
 - McFarland
 - Pond School
 - Richgrove
 - Semitropic School
 - **Incorporated: 3 out of 4 are on advisory board/committee (75%)**
 - Delano
 - McFarland
 - Shafter
 - **Unincorporated: 6 out of 11 are on advisory board/committee (54.545%)**
 - Earlimart
 - Pond
 - Pond School
 - Richgrove
 - Rodriguez Labor Camp
 - Semitropic School

- **0 out of 15 (0%) that are an interested party**
 - **DAC:** 0 out of 37 are an interested party (0%)
 - **SDAC:** 0 out of 76 are an interested party (0%)
 - **Incorporated:** 0 out of 6 are an interested party (0%)
 - **Unincorporated:** 0 out of 107 are an interested party (0%)
- **12 out of 15 (80%) that have a project on list**
 - **DAC: 4 out of 9 have a project on list (44.444%)**
 - Pond
 - Rodriguez Labor Camp
 - Shafter
 - Wasco
 - **SDAC: 3 out of 6 have a project on list (50%)**
 - Delano
 - McFarland
 - Richgrove
 - **Incorporated: 4 out of 4 have a project on list (100%)**
 - Delano
 - McFarland
 - Shafter
 - Wasco
 - **Unincorporated: 3 out of 11 have a project on list (27.27%)**
 - Pond
 - Richgrove
 - Rodriguez Labor Camp

Southern Sierra

- **1 out of 18 (5.56%) that have participated**
 - **DAC:** 0 out of 8 have participated (0%)
 - **SDAC:** 1 out of 10 have participated (10%)
 - Springville
 - **Incorporated:** NA
 - **Unincorporated:** 1 out of 18 have participated (5.56%)
 - Springville
- **17 out of 18 (94.44%) that have never participated**
 - **DAC:** 8 out of 8 have never participated (100%)
 - **SDAC:** 9 out of 10 have never participated (90%)
 - **Incorporated:** Not Applicable
 - **Unincorporated:** 17 out of 18 have never participated (94.444%)
- **1 out of 18 (5.556%) that are on the board**
 - **DAC:** 0 out of 8 are on the board (0%)
 - Not Applicable
 - **SDAC:** 1 out of 10 are on the board (10%)
 - Springville
 - **Incorporated:** NA
 - **Unincorporated:** 1 out of 18 are on the board (5.556%)
 - Springville
- **0 out of 18 (0%) that are on the advisory board/stakeholder committee**
 - **DAC:** 0 out of 8 are on the board/stakeholder committee (0%)
 - **SDAC:** 0 out of 10 are on the board/stakeholder committee (0%)
 - **Incorporated:** Not Applicable
 - **Unincorporated:** 0 out of 18 are on the board/stakeholder committee (0%)

- **0 out of 18 (0%) that are an interested party**
 - DAC: 0 out of 8 are interested parties (0%)
 - SDAC: 0 out of 10 are interested parties (0%)
 - Incorporated: NA
 - Unincorporated: 0 out of 18 are interested parties (0%)
- **1 out of 18 (5.556%) that have a project on list**
 - DAC: 0 out of 8 have project on list (0%)
 - SDAC: 1 out of 10 have project on list (10%)
 - Springville
 - Incorporated: NA
 - Unincorporated: 1 out of 18 have project on list (5.556%)
 - Springville

Tule River

- **10 out of 40 (25%) that have participated**
 - DAC: 2 out of 20 have participated (10%)
 - Porterville
 - Alpaugh
 - SDAC: 8 out of 20 have participated (40%)
 - Allensworth
 - Ducor
 - Pixley
 - Poplar
 - Terra Bella
 - Teviston
 - Tipton
 - Woodville
 - Incorporated: 1 out of 1 have participated (100%)
 - Porterville
 - Unincorporated: 9 out of 39 have participated (23.077%)
 - Allensworth
 - Alpaugh
 - Ducor
 - Pixley
 - Poplar
 - Terra Bella
 - Teviston
 - Tipton
 - Woodville
- **30 out of 40 (75%) have never participated**
 - DAC: 18 out of 20 have never participated (90%)
 - SDAC: 12 out of 20 have never participated (60%)
 - Incorporated: 0 out of 1 have never participated (0%)
 - Unincorporated: 30 out of 39 have never participated (76.923%)
- **1 out of 40 (2.5%) that are on the board**
 - DAC: 1 out of 20 are on the board (5%)
 - Porterville
 - SDAC: 0 out of 20 are on the board (0%)
 - Incorporated: 1 out of 1 are on the board (100%)
 - Porterville
 - Unincorporated: 0 out of 39 are on the board (0%)

- List those those on board:
 - Porterville
- **9 out of 40 (22.5%) are on the advisory board/stakeholder committee**
 - **DAC: 1 out of 20 are on advisory board/stakeholder committee (5%)**
 - Alpaugh
 - **SDAC: 8 out of 20 are on advisory board/stakeholder committee (40%)**
 - Allensworth
 - Ducor
 - Pixley
 - Poplar
 - Terra Bella
 - Teviston
 - Tipton
 - Woodville
 - **Incorporated: 0 out of 1 are on advisory board/stakeholder committee (0%)**
 - **Unincorporated: 9 out of 39 are on advisory board/stakeholder committee (23.08%)**
 - Allensworth
 - Alpaugh
 - Ducor
 - Pixley
 - Poplar
 - Terra Bella
 - Teviston
 - Tipton
 - Woodville
- **5 out of 40 (12.5%) are an interested party**
 - **DAC: 1 out of 20 are interested party (5%)**
 - Porterville
 - **SDAC: 4 out of 20 are interested party (20%)**
 - Allensworth
 - Ducor
 - Teviston
 - Woodville
 - **Incorporated: 1 out of 1 are interested party (100%)**
 - Porterville
 - **Unincorporated: 4 out of 39 are an interested party (10.256%)**
 - Allensworth
 - Ducor
 - Teviston
 - Woodville
- **4 out of 40 (10%) have a project on list**
 - **DAC: 2 out of 20 have projects on list (10%)**
 - Alpaugh
 - Porterville
 - **SDAC: 2 out of 20 have projects on list (10%)**
 - Ducor
 - Allensworth
 - **Incorporated: 1 out of 1 has a project on list (100%)**
 - Porterville

- **Unincorporated: 3 out of 20 have project on list (15%)**
 - Allenswoth
 - Alpaugh
 - Ducor

Overall (all 7 regions)

- **73 out of 344 (21.22%) have participated**
 - **DAC:** 19 out of 147
 - **SDAC:** 54 out of 197
 - **Incorporated:** 25 out of 27
 - **Unincorporated:** 48 out of 317
- **271 out of 344 (78.779%) have never participated**
 - **DAC:** 128 out of 147
 - **SDAC:** 143 out of 197
 - **Incorporated:** 2 out of 27
 - **Unincorporated:** 296 out of 317
- **35 out of 344 (10.174%) are on the board**
 - **DAC:** 12 out of 147
 - **SDAC:** 23 out of 197
 - **Incorporated:** 20 out of 27
 - **Unincorporated:** 15 out of 317
- **63 out of 344 (18.314%) are on the advisory board/stakeholder committee**
 - **DAC:** 16 out of 147
 - **SDAC:** 47 out of 197
 - **Incorporated:** 22 out of 27
 - **Unincorporated:** 41 out of 317
- **20 out of 344 (5.814%) are an interested party**
 - **DAC:** 3 out of 147
 - **SDAC:** 17 out of 197
 - **Incorporated:** 4 out of 27
 - **Unincorporated:** 16 out of 317
- **49 out of 344 (14.244%) have a project on list**
 - **DAC:** 13 out of 147
 - **SDAC:** 36 out of 197
 - **Incorporated:** 20 out of 27
 - **Unincorporated:** 29 out of 317

4 CONCLUSIONS

When analyzing DAC participation in IRWM, the data shows which unincorporated DACs and SDACs have participated in IRWM. However, only **6.7%** of all the DACs/SDACs in the region attended at least one IRWM meeting in 2017 through 2018. This highlights the need for regular assessments and re-evaluation of strategies, to help groups better understand the barriers faced by DACs and the need to develop specific tools to help them participate in regional water planning.

Specifically, findings of this report included:

- Lower levels of participation among unincorporated compared to incorporated communities by all measures (i.e. attendance, funding, group involvement)
- Those that attend meetings or have formal relationships are also those that tend to have projects funded
- There tends to be nearly equal participation among DACs and SDACs
- There are significant differences between IRWM groups regarding number of communities and their levels and forms of participation
- The Tulare Kern Funding Area as a whole has benefited financially from DAC funding
- Incorporated DACs have received a disproportionate amount of funding as compared to unincorporated DACs.

Based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment, several potential recommendations were developed. These recommendations are based on the findings and feedback obtained during the meetings. The recommendations below were suggested to all IRWM groups.

- **Maintain an Updated DAC/SDAC Contact List:** Maintain a contact list for the DACs/SDACs within the IRWM group to better conduct outreach and engage with these communities.
- **IRWM Educational Materials:** Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.
- **Stipends/Sponsorship:** Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.
- **Set Aside Budget for DAC Engagement:** Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

- **Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts:** Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.
- **Continue Assessment of Present DAC Participation in IRWM:** Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.
- **Access Funding:** The IRWM could help DACs access storm water funding, groundwater remediation funding or other potential funding sources.

It is recommended that the IRWM groups review, prioritize, and implement the above DAC engagement and outreach recommendations.

5 APPENDIX A: RAW DATA TABLES – MEETING ATTENDANCE

The following tables represent the raw data for the analysis of meeting attendance.

IRWM Meeting Attendance											
IRWM Group	Participants	Meetings									PERCENTAGE OF ATTENDANCE
Kaweah	<u>34* communities overall</u>	Gov Bd Meeting 5/17/2017	Gov Bd Meeting 6/21/2017	IRWM Joint 2/22/2017	IRWM Joint 3/15/2017	IRWM Joint 4/26/2017	IRWM Joint 8/30/2017	IRWM Joint 2/21/2018	IRWM Joint 4/25/2018	IRWM Joint 7/19/2018	
SDAC/DAC	Gov. Board Parties Present:										
SDAC (I)	City of Farmersville	X	X	X	X	X		X	X	X	88.89%
SDAC (I)	City of Lindsay		X	X	X		X	X	X	X	78.00%
DAC (I)	City of Tulare	x	x	X	X	x	x	X	X	X	100.00%
TOTAL Attendance										/9	88.96%
Kern	113* communities overall	1/23/2017	11/9/2018								
SDACs/DACs											
SDAC (U)	Oildale Mutual Water Co/North of the river Municipal Water Dist	X	X								100.00%
SDAC (U)	Buttonwillow Co Water District	X									50.00%
SDAC (I)	Arvin CSD		X-2								50.00%
TOTAL Attendance										/2	83.33%
Upper Kings Basin IRWMA	92* communities overall	1/18/2017	4/19/2017	7/19/2017	10/18/2017	4/18/2018	7/18/2018	10/17/2018			
SDAC(I)	City of Dinuba						X				14.29%
DAC(I)	City of Fresno	X		X			X	X			57.14%
DAC(I)	City of Kerman	X	X	X	X	X	X	X			100.00%
SDAC(I)	City of Parlier		X	X		X	X	X			71.43%
DAC(I)	City of Reedley	X		X	X	X	X	X			85.71%
DAC(I)	City of Sanger			X				X			28.57%
DAC(I)	City of Selma		X	X	X						42.86%
DAC (U)	Armona CSD	X	X		X	X	X	X			85.71%
SDAC(U)	Biola Community Services District		X	X	X						42.86%
DAC (U)	Lanare CSD	X		X							28.57%
DAC (U)	Malaga County Water District	X	X	X				X			57.14%
TOTAL Attendance										/7	55.84%

Poso Creek		15* communities overall	1/3/2017	5/2/2017	6/6/2017	8/16/2017	3/6/2018	8/7/2018	11/6/2018	/7		
SDACs/ DACs												
SDAC(U)	Allensworth Com Service Dist										0/7	
SDAC(I)	City of Delano										0/7	
SDAC(I)	City of McFarland										0/7	
DAC(I)	City of Shafter										0/7	
DAC(I)	City of Wasco										0/7	
SDAC(U)	Lost Hills Utility District										0/7	
SDAC(U)	Pond UESD	X		X				X			42.86%	
TOTAL Attendance											6.12%	
Southern Sierra		18* communities overall	12/7/2017							/1		
SDAC (U)	Nancy Bruce (Community of springville)	X									100.00%	
TOTAL Attendance											100.00%	
Tule River		40* communities overall	2/27/2017 Joint	4/24/2017 Advisory committee	6/26/2017 Advisory committee	10/30/2017 Advisory committee	12/18/2017 Joint	1/29/2018 Advisory committee	2/26/2018 Advisory committee	4/30/2018 Advisory committee	5/29/2018 Joint	
SDAC(U)	Allensworth CSD			X	X	X	X	X				44.44%
DAC(U)	Alpaugh CSD		X									11.11%
SDAC(U)	Community of Allensworth											0/9
DAC(U)	Community of Alpaugh											0/9
SDAC(U)	Community of Pixley											0/9
SDAC(U)	Community of Poplar											0/9
SDAC(U)	Community of Woodville											0/9
SDAC(U)	Pixley PUD											0/9
DAC(I)	City of Porterville	X	X	X-2	X-2	X	X	X	X	X	X	100.00%
SDAC(U)	Woodville PUD		X	X			X		X	X		55.56%
TOTAL Attendance											/9	52.78%

/7

/1

/9

DACS											
Incorporated											
DAC(I)	City of Tulare	x	x	X	X	x	x	X	x	X	100.00%
DAC(I)	City of Fresno	X		X			X	X			57.14%
DAC(I)	City of Kerman	X	X	X	X	X	X	X			100.00%
DAC(I)	City of Reedley	X		X	X	X	X	X			85.71%
DAC(I)	City of Sanger			X				X			28.57%
DAC(I)	City of Selma		X	X	X						42.86%
DAC(I)	City of Shafter										0/7
DAC(I)	City of Wasco										0/7
DAC(I)	City of Porterville	X	X	X-2	X-2	X	X	X		X	100.00%
Unincorporated											
DAC(U)	Armona CSD	X	X		X	X	X	X			85.71%
DAC(U)	Lanare CSD	X		X							14.29%
DAC(U)	Malaga County Water District	X	X	X				X			57.14%
DAC(U)	Alpaugh CSD		X								11.11%
DAC(U)	Community of Alpaugh										0/9
DAC Overall											
DAC(I)	City of Tulare	x	x	X	X	x	x	X	x	x	100.00%
DAC(I)	City of Fresno	X		X			X	X			57.14%
DAC(I)	City of Kerman	X	X	X	X	X	X	X			100.00%
DAC(I)	City of Reedley	X		X	X	X	X	X			85.71%
DAC(I)	City of Sanger			X				X			28.57%
DAC(I)	City of Selma		X	X	X						42.86%
DAC(I)	City of Shafter										0/7
DAC(I)	City of Wasco										0/7
DAC(I)	City of Porterville	X	X	X-2	X-2	X	X	X	x	X	100.00%
DAC(U)	Armona CSD	X	X		X	X	X	X			85.71%
DAC(U)	Lanare CSD	X		X							28.57%
DAC(U)	Malaga County Water District	X	X	X				X			57.14%
DAC(U)	Alpaugh CSD		X								11.11%
DAC(U)	Community of Alpaugh										0/9
											63.35%

SDACs											
Incorporated											
SDAC(I)	City of Farmersville	X	X	X	X	X		X	X	X	88.89%
SDAC(I)	City of Lindsay		X	X	X		X	X	X	X	78.00%
SDAC(I)	Arvin CSD		X-2								50.00%
SDAC(I)	City of Dinuba						X				14.29%
SDAC(I)	City of Parlier		X	X		X	X	X			71.43%
SDAC(I)	City of Delano										0/7
SDAC(I)	City of McFarland										0/7
Unincorporated											
SDAC(U)	Oildale Mutual Water Co/North of the river	X	X								100.00%
	Municipal Water Dist										
SDAC(U)	Buttonwillow Co Water District	X									50.00%
SDAC(U)	Biola Community Services District		X	X	X						42.86%
SDAC(U)	Allensworth Com Service Dist										0/7
SDAC(U)	Lost Hills Utility District										0/7
SDAC(U)	Pond UESD	X		X			X				42.86%
SDAC(U)	Nancy Bruce (Community of springville)	X									100.00%
SDAC(U)	Allensworth CSD			X	X	X	X				44.44%
SDAC(U)	Community of Allensworth										0/9
SDAC(U)	Community of Pixley										0/9
SDAC(U)	Community of Poplar										0/9
SDAC(U)	Community of Woodville										0/9
SDAC(U)	Pixley PUD										0/9
SDAC(U)	Woodville PUD		X	X		X		X	X		55.56%
SDAC Overall											
SDAC(I)	City of Farmersville	X	X	X	X	X		X	X	X	88.89%
SDAC(I)	City of Lindsay		X	X	X		X	X	X	X	78.00%
SDAC(I)	Arvin CSD		X-2								50.00%
SDAC(I)	City of Dinuba						X				14.29%
SDAC(I)	City of Parlier		X	X		X	X	X			71.43%
SDAC(I)	City of Delano										0/7
SDAC(I)	City of McFarland										0/7
SDAC(U)	Oildale Mutual Water Co/North of the river	X	X								100.00%
	Municipal Water Dist										
SDAC(U)	Buttonwillow Co Water District	X									50.00%
SDAC(U)	Biola Community Services District		X	X	X						42.86%
SDAC(U)	Allensworth Com Service Dist										0/7
SDAC(U)	Lost Hills Utility District										0/7
SDAC(U)	Pond UESD	X		X			X				42.86%
SDAC(U)	Nancy Bruce (Community of springville)	X									100.00%
SDAC(U)	Allensworth CSD			X	X	X	X				44.44%
SDAC(U)	Community of Allensworth										0/9
SDAC(U)	Community of Pixley										0/9
SDAC(U)	Community of Poplar										0/9
SDAC(U)	Community of Woodville										0/9
SDAC(U)	Pixley PUD										0/9
SDAC(U)	Woodville PUD		X	X		X		X	X		55.56%

Total Participation Rate							
IRWM	Participating Communities	Community Statistics Incorporated /Unincorporated /SDAC/DAC				Total Communities	Total Participation Rate
Kaweah*	3	5	29	18	16	34	8.82%
Kern*	3	6	107	76	37	113	2.65%
Upper Kings*	11	10	82	47	45	92	11.96%
Poso Creek*	7	4	11	6	9	15	46.67%
Southern Sierra*	1	0	18	10	8	18	0/18
West San Joaquin*	0	1	31	20	12	32	0/32
Tule*	10	1	39	20	20	40	25.00%
Totals*	35	27	317	197	147	344	19.02%
Total Attendance							
DACs overall	63.35%						
Incorporated DACs	73.47%						
Unincorporated DACs	42.06%						
SDACs Overall	61.53%						
Unincorporated SDAC	62.24%						
Incorporated SDACs	60.52%						
SDACs/DACs Overall	62.11%						
Color Key							
Yellow-Repeated presence							
Orange- recently added (S)DAC							
Pink- percentage per IRWM							

The following tables reflect raw data for each respective participation category per IRWM region.

Table 1

Kaweah IRWM Region

Kaweah IRWM Meeting Attendance

IRWM Group	Participants	Meetings									PERCENTAGE OF ATTENDANCE
Kaweah	<u>34* communities overall</u>	Gov Bd Meeting 5/17/2017	Gov Bd Meeting 6/21/2017	IRWM Joint 2/22/2017	IRWM Joint 3/15/2017	IRWM Joint 4/26/2017	IRWM Joint 8/30/2017	IRWM Joint 2/21/2018	IRWM Joint 4/25/2018	IRWM Joint 7/19/2018	
SDAC/DAC	Gov. Board Parties Present:										
SDAC (I)	City of Farmersville	X	X	X	X	X		X	X	X	88.89%
SDAC (I)	City of Lindsay		X	X	X		X	X	X	X	78.00%
DAC (I)	City of Tulare	x	x	X	X	x	x	X	X	X	100.00%
TOTAL Attendance		/9									88.96%

Color Key
Pink- percentage per IRWM

Table 2

Kings Basin IRWM Region

Kings Basin IRWM Meeting Attendance

IRWM Group	Participants	Meetings							PERCENTAGE OF ATTENDANCE
Upper Kings Basin IRWMA	92* communities overall	1/18/2017	4/19/2017	7/19/2017	10/18/2017	4/18/2018	7/18/2018	10/17/2018	14.29%
SDAC(I)	City of Dinuba						X		57.14%
DAC(I)	City of Fresno	X		X			X	X	100.00%
DAC(I)	City of Kerman	X	X	X	X	X	X	X	71.43%
SDAC(I)	City of Parlier		X	X		X	X	X	85.71%
DAC(I)	City of Reedley	X		X	X	X	X	X	28.57%
DAC(I)	City of Sanger			X				X	42.86%
DAC(I)	City of Selma		X	X	X				85.71%
DAC (U)	Armona CSD	X	X		X	X	X	X	42.86%
SDAC(U)	Biola Community Services District		X	X	X				28.57%
DAC (U)	Lanare CSD	X		X					57.14%
DAC (U)	Malaga County Water District	X	X	X				X	55.84%
TOTAL Attendance									

Color Key
Yellow-Repeated presence
Pink- percentage per IRWM

Table 3

Kern IRWM Region

Kern IRWM Meeting Attendance

IRWM Group	Participants	Meetings		PERCENTAGE OF ATTENDANCE
Kern	<u>113* communities overall</u>	1/23/2017	11/9/2018	
SDACs/DACs				
SDAC (U)	Oildale Mutual Water Co/North of the river Munipal Water Dist	X	X	100.00%
SDAC (U)	Buttonwillow Co Water District	X		50.00%
SDAC (I)	Arvin CSD		X-2	50.00%
TOTAL Attendance				83.33%

Table 4

Poso Creek IRWM Region

Poso Creek IRWM Meeting Attendance

IRWM Group	Participants	Meetings							PERCENTAGE OF ATTENDANCE
Poso Creek	<u>15* communities overall</u>	1/3/2017	5/2/2017	6/6/2017	8/16/2017	3/6/2018	8/7/2018	11/6/2018	
SDACs/ DACs									
SDAC(U)	Allensworth Com Service Dist								0/7
SDAC(I)	City of Delano								0/7
SDAC(I)	City of McFarland								0/7
DAC(I)	City of Shafter								0/7
DAC(I)	City of Wasco								0/7
SDAC(U)	Lost Hills Utility District								0/7
SDAC(U)	Pond UESD	X		X			X		42.86%
TOTAL Attendance									6.12%

Table 5

Southern Sierra IRWM Region

Southern Sierra IRWM Meeting Attendance

IRWM Group	Participants	Meetings		PERCENTAGE OF ATTENDANCE
Southern Sierra SDAC (U)	18* communities overall	12/7/2017		
	Nancy Bruce (Community of springville)	X	/1	100.00%
TOTAL Attendance				100.00%

Table 6

Tule River IRWM Region

Tule River	40* communities overall	2/27/2017 Joint	4/24/2017 Advisory committee	6/26/2017 Advisory committee	10/30/2017 Advisory committee	12/18/2017 Joint	1/29/2018 Advisory committee	2/26/2018 Advisory committee	4/30/2018 Advisory committee	5/29/2018 Joint
SDAC(U)	Allensworth CSD			X	X	X	X			
DAC(U)	Alpaugh CSD		X							
SDAC(U)	Community of Allensworth									
DAC(U)	Community of Alpaugh									
SDAC(U)	Community of Pixley									
SDAC(U)	Community of Poplar									
SDAC(U)	Community of Woodville									
SDAC(U)	Pixley PUD									
DAC(I)	City of Porterville	X	X	X-2	X-2	X	X	X	X	X
SDAC(U)	Woodville PUD		X	X		X		X	X	
TOTAL Attendance										

6 APPENDIX B: RAW DATA TABLES – IRWM PARTICIPATION ASSESSMENT

The following tables reflect raw data for each respective participation category per IRWM region, as discussed in [previous report title].

Table 1

Kaweah IRWM Region

COMMUNITY NAME	INCorp/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party	Project on List	Multiple Roles
EAST TULARE VILLA	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
EILERS RANCH	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
EXETER	INCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
LEMON COVE	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
LINDCOVE	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
MOUNTAIN VIEW M.H.P.	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
OAK RANCH	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
OKIEVILLE	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
PATTERSON TRACT	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
SOUTH LEMON COVE	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
SUNRISE MUTUAL WATER CO.	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
TONYVILLE	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
TULARE	INCORPORATED	DAC	TULARE	KAWEAH	1	0	1	1	0	0	1
TULARE COUNTY WC TRACT NO. 381	UNINCORPORATED	DAC	TULARE	KAWEAH	1	0	1	1	0	0	1
TULARE COUNTY WC TRACTS 344 & 380	UNINCORPORATED	DAC	TULARE	KAWEAH	1	0	1	1	0	0	1
WAIKUNA	UNINCORPORATED	DAC	TULARE	KAWEAH	0	1	0	0	0	0	0
COMMUNITY 290	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
COMMUNITY 321	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
COMMUNITY 415	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
EL RANCHO - TRACT 191	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
FARMERSVILLE	INCORPORATED	SDAC	TULARE	KAWEAH	1	0	1	1	0	0	1
HYPERICUM - DOG TOWN	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
JVANHOE	UNINCORPORATED	SDAC	TULARE	KAWEAH	1	0	0	1	0	1	0
LINDSAY	INCORPORATED	SDAC	TULARE	KAWEAH	1	0	1	1	0	1	1
LINNELL FARM LABOR CENTER	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
PLAINVIEW	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
PLAINVIEW MWC CENTRAL WATER	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
SOULTS TRACT	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
STRATHMORE	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
STRATHMORE EAST	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
TOOLEVILLE	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
TRACT 92	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
WEST GOSHEN	UNINCORPORATED	SDAC	TULARE	KAWEAH	0	1	0	0	0	0	0
WOODLAKE	INCORPORATED	SDAC	TULARE	KAWEAH	1	0	0	1	0	0	1
					7	27	5	7		2	6

Kaweah Region	Total	Participated	Never Participated	Board	Member of Advisory	IP/Stakeholder	Project on list	Multiple Roles
DACS and SDACs per IRWM region	34	7	27	5	7	0	2	6
DACS	16	3	13	3	3	0	0	3
SDACs	18	4	14	2	4	0	2	3
Incorporated	5	4	1	3	4	0	1	4
DACS	2	1	0	1	1	0	0	1
SDACs	3	3	1	2	3	0	1	3
Unincorporated	29	3	26	2	3	0	1	2
DACS	14	2	12	2	2	0	0	2
SDACs	15	1	14	0	1	0	1	0

Table 2

Kings IRWM Region

COMMUNITY NAME	INCorp/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on List	Multiple Roles
ALICE MANOR	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
ALKALI FLATS	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
ARMONA	UNINCORPORATED	DAC	KINGS	UKBIRWMA	1	0		1	1	0	1
BAR 20 PARTNER	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
BERAN WAY	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
BIOLA	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0		1	1	0	1
BRITTEN	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
BURREL	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
CAMDEN TRAILER PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
CARUTHERS	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 152	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 168	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 173	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 178	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 180	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 186	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 192	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 197	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 204	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 214	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 215	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 216	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 219	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 235	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COMMUNITY 236	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
COUNTRY VIEW ALZHEIMER CENTER	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
CUTLER	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	1	0		1	1	0	1
DALEVILLE	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1		0	0	0	
DEL REY	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1		0	0	0	
DELFT COLONY	UNINCORPORATED	DAC	TULARE	UKBIRWMA	0	1		0	0	0	
DINUBA	INCORPORATED	SDAC	TULARE	UKBIRWMA	1	0	1	1	0	1	1
DOUBLE L MOBILE RANCH PARK	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
DOUBLE L NEIGHBORHOOD	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
EAST OROSI	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	1	0	0	1	1	1	1
EASTON ESTATES WATER COMPANY	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
EL MONTE VILLAGE M.H.P.	UNINCORPORATED	DAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
ELM COURT	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
FOWLER	INCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
FRED RAU DAIRY	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
FRESNO	INCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	1	1	0	1	1
GARDEN APARTMENTS	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
GEORGE COX WATER SYSTEM	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
GLEANINGS FOR THE HUNGRY	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
GREEN ACRES MOBILE HOME ESTATE	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
HARDWICK	UNINCORPORATED	SDAC	KINGS	UKBIRWMA	1	0	0	1	1	1	1
HOME GARDEN	UNINCORPORATED	SDAC	KINGS	UKBIRWMA	0	1	0	0	0	0	
KAMM RANCH COMPANY	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
KERMAN	INCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	1	1	0	1	1
KINGS PARK APARTMENTS	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
LANARE	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	0	1	1	0	1
LATON	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	0	1	1	0	1
LINDA VISTA FARMS	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
LONDON	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	1	0	0	1	1	1	1
LOPEZ LABOR CAMP	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	0	1	0	0	0	0	

MADDOX DAIRY	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
MALAGA	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
MONMOUTH	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
MONSON	UNINCORPORATED	DAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
NEW HORIZONS MOBILE/RV PARK	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
ORANGE COVE	INCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	0	1	1	1	1
OROSI	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	1	0	0	1	1	0	1
PARLIER	INCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	1	1	0	1	1
PERRY COLONY	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
PINEDALE	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
RAISIN CITY	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	0	1	1	1	1
REEDLEY	INCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	1	1	0	1	1
RIVERBEND MOBILE HOME & RV PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
RIVERDALE	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	0	1	1	0	1
ROJLINDA	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
RUBYS VALLEY CARE HOME	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
SAN JOAQUIN	INCORPORATED	SDAC	FRESNO	UKBIRWMA	1	0	0	1	1	1	1
SANGER	INCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	1	1	0	0	1
SELMA	INCORPORATED	DAC	FRESNO	UKBIRWMA	1	0	1	1	0	1	1
SEVILLE	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
SHADY LAKES MOBILE HOME PARK	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
SIERRA MOBILE HOME PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
SULTANA	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	1	0	0	1	1	1	1
SUNNYSIDE CONVALESCENT HOSP	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
SUNSET WEST MOBILE HOME PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
TAFOYA WATER SYSTEM	UNINCORPORATED	DAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
THREE PALMS MOBILEHOME PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
TRACT 1199 WATER SYSTEM	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
TRANQUILLITY	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
TRAVER	UNINCORPORATED	SDAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
VIKING TAILER PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
WATERTEK-METROPOLITAN	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
WEST MCKINLEY WATER SYSTEM	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
WEST PARK	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
WESTBROOK MOBILE HOME PARK	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
WOODWARD BLUFFS MHP	UNINCORPORATED	DAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	
YETTEM	UNINCORPORATED	DAC	TULARE	UKBIRWMA	0	1	0	0	0	0	
ZONNEVELD DAIRY	UNINCORPORATED	SDAC	FRESNO	UKBIRWMA	0	1	0	0	0	0	

Kings Region	Total	Participated	Never Participated	Board	Member of Advisory	IP/Stakehold	Project on list	Multiple Roles
DACS and SDACs per IRWM region	92	21	71	7	21	14	13	21
DACs	45	7	38	5	7	2	4	7
SDACs	47	14	33	2	14	12	9	14
Incorporated	10	9	1	7	9	2	8	9
DACs	6	5	1	5	5	0	4	5
SDACs	4	4	0	2	4	2	4	4
Unincorporated	82	12	70	0	12	12	5	12
DACs	39	2	37	0	2	2	0	2
SDACs	43	10	33	0	10	10	5	10

Table 3

Westside-San Joaquin IRWM Region

COMMUNITY NAME	INCORP/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on List	Multiple Roles
DWS PARTNERS	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FARM 2	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FARM 3	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FCSA #49	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
HARNISH FIVE POINTS INC	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
HARRIS FARMS CAMP C #501-523	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
LA JOLLA FARMS	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
PAPPAS & CO (FARM HOUSING)	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
PAPPAS & COMPANY (FARM HOUSING)	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
SHAMROCK FARMING	UNINCORPORATED	DAC	KINGS	WESTSIDE SJ	0	1	0	0	0	0	0
SOMMERVILLE RV PARK	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
Vaquero Farms	UNINCORPORATED	DAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
BRITZ/COLUSA	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
CANTUA CREEK	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
CINCO FARMS	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
COIT GINNING COMPANY	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
EL PORVENIR	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FARM 1	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FARMING D	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FELGER FARMS	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FIVE POINTS RANCH	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
FIVE STAR RANCH	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
HARRIS FARMS SOUTH #101-144	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
HOULDING FARMS	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
HURON	INCORPORATED	SDAC	FRESNO	WESTSIDE SJ	1	0	0	0	1	0	0
MURRIETA/WASHOE	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
PILIBOS BROTHERS RANCH	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
SAN ANDREAS FARMS	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
STEVE MARKS CATTLE COMPANY	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
SUMNER PECK RANCH	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
TERRA LINDA FARMS	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0
WESTRIDGE	UNINCORPORATED	SDAC	FRESNO	WESTSIDE SJ	0	1	0	0	0	0	0

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Westside SJ Region	Total	Participated	Never Participated	Board	Advisory/Stakeholder	IP/Stakeholder	Multiple Roles
DACS and SDACs per IRWM region	32	1	31	0	0	1	0
DACs	12	0	12	0	0	0	0
SDACs	20	1	19	0	0	1	0
Incorporated	1	1	0	0	0	0	0
DACs	0	0	0	0	0	0	0
SDACs	1	1	0	0	0	0	0
Unincorporated	31	0	31	0	0	0	0
DACs	12	0	12	0	0	0	0
SDACs	19	0	19	0	0	0	0

Table 4

Kern IRWM Region

COMMUNITY NAME	INCorp/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board/Member or Voting Powers	Member of Advisory Committee or Stakeholder Group	Interested Party /Stakeholder	Project on List	Multiple Roles
TAFT	INCORPORATED	DAC	KERN	KERN	1	0	1	1	0	1	1
TEHACHAPI	INCORPORATED	DAC	KERN	KERN	1	0	1	1	0	1	1
ARVIN	INCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
DELANO	INCORPORATED	SDAC	KERN	POSO CREEK	1	0	1	1	0	1	1
MARICOPA	INCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
MCFARLAND	INCORPORATED	SDAC	KERN	POSO CREEK	1	0	1	1	0	1	1
AGBAYANI VILLAGE	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
BURLANDO HEIGHTS	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
COMMUNITY 421	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
COMMUNITY 477	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
COMMUNITY 478	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
COUNTRY ESTATES	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
DE RANCHO Y MOBILE VILLA WATER	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
EAST WILSON ROAD	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
EDMUNDSON ACRES	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
FRONTIER TRAIL HOMEOWNERS ASSOC, INC	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
GREENFIELD COUNTY WD	UNINCORPORATED	DAC	KERN	KERN	1	0	0	0	0	1	0
HAVILAH	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
LAKE OF THE WOODS	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
MCKITTRICK	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
MITCHELLS CORNER	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
OASIS PROPERTY OWNERS ASSOCIATION	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
ORANGE GROVE RV PARK	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
PARADISE COVE LODGE	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
PINE MOUNTAIN CLUB	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
PINON HILL WATER COMPANY	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
PINON PINES MWC	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
POND	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
POPLAR AVE COMMUNITY	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
RIVERNOOK MHP	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
SAN JOAQUIN ESTATES	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
SIERRA MEADOWS	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
SOUTH TAFT	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
SQUIRREL MOUNTAIN VALLEY	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
TAFT HEIGHTS	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
VALLEY ACRES	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
VICTORY MWC	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
WEST MARICOPA	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
WEST TEHACHAPI	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
WILSON ROAD	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
WINI MUTUAL WATER COMPANY	UNINCORPORATED	DAC	KERN	KERN	0	1	0	0	0	0	0
ALTA SIERRA	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
ARDEN	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
ARVIN LABOR CENTER	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
ATHAL	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
BELLA VISTA	UNINCORPORATED	SDAC	KERN	KERN	1	0	0	0	0	1	0
BLACKWELLS CORNER	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
BONANZA FARMS	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
BOULDER CANYON	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
BUTTONWILLOW	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1

CANYON MEADOWS	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
CASA LOMA WATER CO, INC.	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	0	1
CLARK STREET COMMUNITY WELL	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
COMMUNITY 2751	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
COMMUNITY 362	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
COMMUNITY 392	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
COUNTRYWOOD	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
CYPRESS CANYON	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
EARLIMART	UNINCORPORATED	SDAC	TULARE	POSO CREEK	0	1	0	0	0	0	0
EAST NILES	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
EL ADOBE POA, INC.	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
ERSKINE CREEK WC	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
FORD CITY	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
FOURTH STREET	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
FRAZIER PARK	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
FULLER ACRES	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
GLENNVILLE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
HILLVIEW ACRES	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
HUNGRY GULCH	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
JUNIPER HILLS	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
KERN VALLEY MUTUAL WATER	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
KERNVALE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
KERNVILLE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
KRISTA MUTUAL WATER COMPANY	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
LAKE ISABELLA	UNINCORPORATED	SDAC	KERN	KERN	1	0	0	0	0	1	0
LAKELAND	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
LAKEVIEW RANCHOS	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
LAMONT	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
LEBEC	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
LONG CANYON	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
LOST HILLS	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
LOWER BODFISH	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
METTLER	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
MIRASOL COMPANY WATER SYSTEM	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
MOUNTAIN MESA	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
OAK KNOLLS MUTUAL WATER COMPANY	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
OILDALE	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	0	0	1	0
ONYX	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
OPAL FRY AND SON	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
PANAMA ROAD PROPERTY OWNERS ASSOCIATION	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
PINEBROOK	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
POND SCHOOL	UNINCORPORATED	SDAC	KERN	POSO CREEK	0	1	0	0	0	0	0
PONDEROSA PINE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
R.S. MUTUAL WATER COMPANY	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
RAINBIRD VALLEY	UNINCORPORATED	SDAC	KERN	KERN	1	0	1	1	0	1	1
REEDER TRACT	UNINCORPORATED	SDAC	KERN	KERN	1	0	0	0	0	1	0
REXLAND ACRES	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
RIVERDALE VILLAGE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
RIVERKERN	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SHADY LANE MOBILE PARK	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SIERRA BELLA	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SOUTH FORK GRAMMAR SCHOOL	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SOUTH FORK MIDDLE SCHOOL	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SOUTH FORK WOMAN S CLUB, INC.	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
SOUTH LAKE	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0

SPLIT MOUNTAIN	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
TRADEWINDS	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
TUPMAN	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
V.R. S TRAILER PARK	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
VALLEY ESTATES	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
VALLEY VIEW ESTATES	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
WEEDPATCH	UNINCORPORATED	SDAC	KERN	KERN	1	0	0	0	0	1	0
WOODY	UNINCORPORATED	SDAC	KERN	KERN	0	1	0	0	0	0	0
					23	90	18	17	0	22	17

Kern Region	Total	Participated	Never	Board	Stakeholder	IP/Stakeholder	Project on List	Multiple
DACS and SDACs per IRWM region	113	23	90	18	17	0	22	17
DACS	37	3	34	2	2	0	3	2
SDACs	76	20	56	16	15	0	19	15
Incorporated	6	6	0	6	6	0	6	6
DACS	2	2	0	2	2	0	2	2
SDACs	4	4	0	4	4	0	4	4
Unincorporated	107	17	90	12	11	0	16	11
DACS	35	1	34	0	0	0	1	0
SDACs	72	16	56	12	11	0	15	11

Table 5

Poso Creek IRWM Region

COMMUNITY NAME	INCRP/UNINCRP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project On list	Multiple Roles
AGBAYANI VILLAGE	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
COMMUNITY 477	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
COMMUNITY 478	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
DELANO	INCORPORATED	SDAC	KERN	POSO CREEK	1	0	1	1	0	1	1
EARLMART	UNINCORPORATED	SDAC	TULARE	POSO CREEK	1	0	0	1	0	0	0
MCFARLAND	INCORPORATED	SDAC	KERN	POSO CREEK	1	0	1	1	0	1	1
POND	UNINCORPORATED	DAC	KERN	POSO CREEK	1	0	0	1	0	1	1
POND SCHOOL	UNINCORPORATED	SDAC	KERN	POSO CREEK	1	0	0	1	0	0	0
POPLAR AVE COMMUNITY	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
RICHGROVE	UNINCORPORATED	SDAC	TULARE	POSO CREEK	1	0	0	1	0	1	1
RODRIGUEZ LABOR CAMP	UNINCORPORATED	DAC	TULARE	POSO CREEK	1	0	0	1	0	1	1
SEMITROPIC SCHOOL	UNINCORPORATED	SDAC	KERN	POSO CREEK	1	0	0	1	0	0	0
SHAFTER	INCORPORATED	DAC	KERN	POSO CREEK	1	0	1	1	0	1	1
SUPERIOR	UNINCORPORATED	DAC	KERN	POSO CREEK	0	1	0	0	0	0	0
WASCO	INCORPORATED	DAC	KERN	POSO CREEK	1	0	0	0	0	1	1
					10	5	3	9	0	7	7

Poso Region	Total	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	IP/Stakeholder	Project on list	Multiple Roles
DACS and SDACs per IRWM	15	10	5	3	9	0	7	7
DACS	9	4	5	1	3	0	4	4
SDACs	6	6	0	2	6	0	3	3
Incorporated	4	4	0	3	3	0	4	4
DACS	2	2	0	1	1	0	2	2
SDACs	2	2	0	2	2	0	2	2
Unincorporated	11	6	5	0	6	0	3	3
DACS	7	2	5	0	2	0	2	2
SDACs	4	4	0	0	4	0	1	1

Table 6

Southern Sierra IRWM Region

COMMUNITY NAME	INCORP/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on List	Multiple Roles
BIGGER S PONDEROSA TRLR PRK	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
COVE ISLAND RESORT	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
DOYAL'S MOBILE HOME PARK	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
DRIFTWOOD MOBILE HOME PARK	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
OAK KNOLLS TRAILER PARK	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
RIO VISTA MOBILE HOME PARK	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
SIERRA GLEN MOBILE HOME PARK	UNINCORPORATED	DAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
TRIMMER MARINA	UNINCORPORATED	DAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
BRITZ/FIVE POINTS SYSTEM	UNINCORPORATED	SDAC	FRESNO	SOUTHERN SIERRA	0	1	0	0	0	0	0
CALIFORNIA HOT SPRINGS	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
HARTLAND	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
IDLEWILD	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
LAKE SUCCESS MOBILE LODGE	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
MCCLENNEY TRACT	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
PINE FLAT	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
POSEY	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
SPRINGVILLE	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	1	0	1	0	0	1	0
TRACT 327 MUTUAL WATER CO.	UNINCORPORATED	SDAC	TULARE	SOUTHERN SIERRA	0	1	0	0	0	0	0
					1	17	1	0	0	1	0

Southern Sierra Region	Total	Participated	Never	Board	Advisory/Stake	IP/Stakeholder	Project on List	Multiple Roles
DACS and SDACs per IRWM region	18	1	17	1	0	0	1	0
DACS	8	1	7	1	0	0	0	0
SDACs	10	0	10	0	0	0	1	0
Incorporated	0	0	0	0	0	0	0	0
DACS	0	0	0	0	0	0	0	0
SDACs	0	0	0	0	0	0	0	0
Unincorporated	18	1	17	1	0	1	1	0
DACS	8	1	7	1	0	1	0	0
SDACs	10	0	10	0	0	0	1	0

Table 7

Tule River IRWM Region

COMMUNITY NAME	INCRP/UNINCORP	DAC STATUS	COUNTY	IRWM	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on List	Multiple Roles
A & A MHP	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
AKIN WATER CO.	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
ALLENSWORTH	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	1	1	1
ALPAUGH	UNINCORPORATED	DAC	TULARE	TULE	1	0	0	1	0	1	0
BEVERLY-GRAND MUTUAL WATER	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
CASILLAS WATER SYSTEM	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
CENTRAL MUTUAL WATER CO	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
COMMUNITY 330	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
COMMUNITY 332	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
COMMUNITY 340	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
COMMUNITY 342	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
DEER CREEK RV PARK	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
DUCOR	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	1	1	1
E PLANO	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
EAST PORTERVILLE	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
FRIENDS RV PARK	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
GRANDVIEW GARDENS	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
JONES CORNER	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
LAKEVIEW TRAILER PARK	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
MOUNTAIN VIEW DUPLEXES	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
MULBERRY ISLAND	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
PIXLEY	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	0	0	0
PLANO	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
POPLAR	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	0	0	0
PORTERVILLE	INCORPORATED	DAC	TULARE	TULE	1	0	1	0	1	1	1
SHADY GROVE M H P	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
SHILOH WATER CO.	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
SPIEGELBERG	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
TEA POT DOME	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
TERRA BELLA	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	0	0	0
TEVISTON	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	1	0	1
TIPTON	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	0	0	0
TIPTON BURNETT ROAD	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
TRACT 288	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
TRACTS 24 - 41	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
TRACTS 66 - 90 - 127 - 557	UNINCORPORATED	DAC	TULARE	TULE	0	1	0	0	0	0	0
TRICO OIL ACRES COLONIA	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
WILLIAMS	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
WOODVILLE	UNINCORPORATED	SDAC	TULARE	TULE	1	0	0	1	1	0	1
WOODVILLE FARM LABOR CENTER	UNINCORPORATED	SDAC	TULARE	TULE	0	1	0	0	0	0	0
					10	30	1	9	5	4	5

Tule Region	Total	Participated	Never Participated	Board	Member of Advisory Committee or Stakeholder Group	Interested Party/Stakeholder	Project on list	Multiple Roles
DACS and SDACs per IRWM region	40	10	30	1	9	5	4	5
DACS	20	1	18	1	1	1	2	1
SDACs	20	9	12	0	9	4	2	4
Incorporated	1	1	0	1	1	1	1	1
DACS	1	1	0	1	1	1	1	1
SDACs	0	0	0	0	0	0	0	0
Unincorporated	39	9	30	0	9	4	3	4
DACS	19	0	18	0	0	0	2	0
SDACs	20	9	12	0	9	4	1	4

DAC Engagement & Outreach Recommendations

Kaweah River Basin IRWM Group

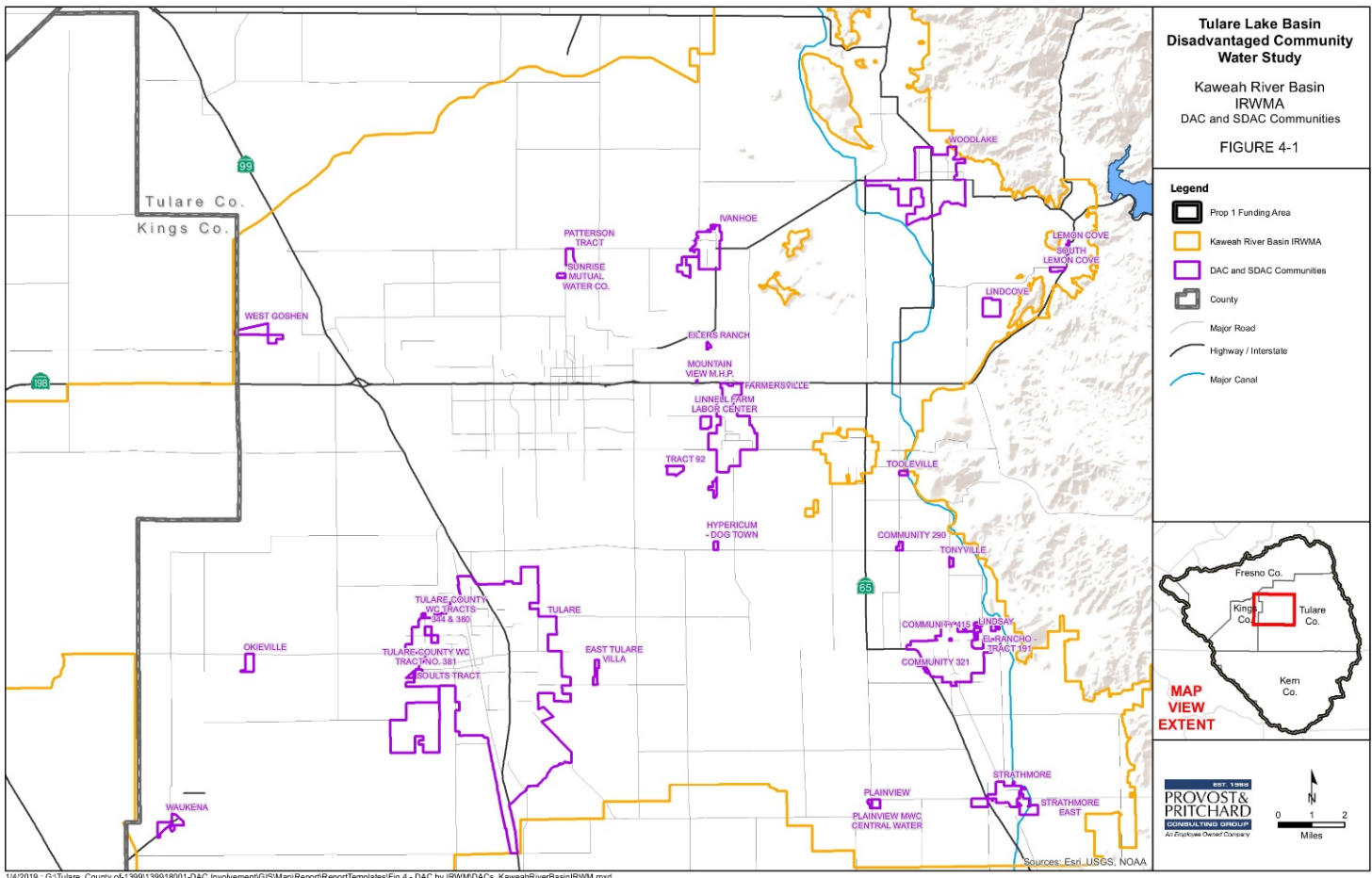
Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Kaweah River Basin IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure below identifies the disadvantaged communities within the Kaweah River Basin IRWM region:



Opportunities for DAC Participation

The Kaweah River Basin IRWM region has the following opportunities available for IRWM groups:

Governing Board: While there are no specific opportunities for DACs to have a seat on the Governing Board, a DAC could secure a seat on the Governing Board if the DAC is a signatory to the Memorandum of Understanding (MOU). Per the IRWM plan, “Only entities which are signatory to the restated MOU, dated November 30, 2019, with KDWCD, specific to IRWM matters, are entitled to hold a voting seat on the board.”

Stakeholder Advisory Group: DACs may join the Stakeholder Advisory Group, which advises the Board of Directors. The Advisory Group is made up of individuals responsible for land use planning policy development and implementation, as well as DAC representatives. The Stakeholder Advisory Group is responsible for appointing two individuals and two alternates to serve on the Governing Board for a term of two years each. There is no fee to join the Stakeholder Advisory Group.

Ability to Place Projects on an IRWM List: DACs who elect to join the Kaweah River Basin IRWM may submit a project to the Governing Board for consideration to be placed on the IRWM’s Project List. To join the Kaweah River Basin IRWM, DACs are to submit a request to the IRWM group to be added as a signatory to the MOU.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment. Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the Kaweah River Basin IRWM to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Kern IRWM Group

Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Kern IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure on the next page identifies the disadvantaged communities within the Kern IRWM region boundary.

Opportunities for DAC Participation

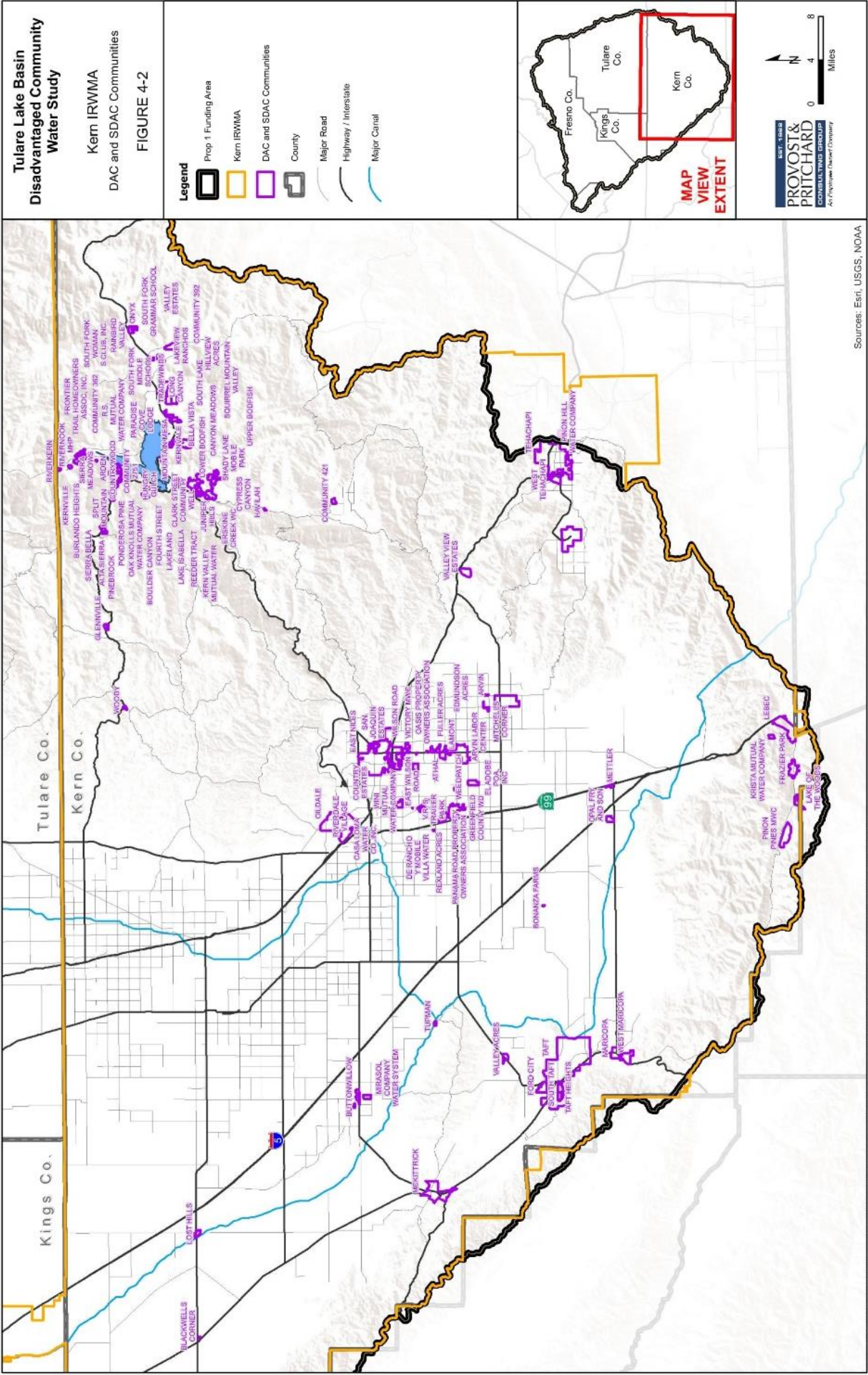
The Kern IRWM region has the following opportunities available for IRWM groups:

Regional Water Management Group Members (RWMG): Signatories to the Participation Agreement and First Amendment. New entities may join the RWMG by becoming a signatory to the current Participation Agreement if approved by a simple majority vote of the existing RWMG members. Each member of the RWMG will contribute their proportionate share of the adopted budget for the current fiscal year. Each organization that is a signatory to the Participation Agreement will appoint one representative to serve on the RWMG. Each member of the RWMG will have one (1) vote.

Executive Committee: The Executive Committee consists of a ten (10) member subgroup of the Stakeholder Group, and working group comprised of one representative from each of the seven (7) subregions and two (2) overarching subregions that comprise the Kern IRWMP: 1) Greater Bakersfield, 2) Kern Fan, 3) Mountains/Foothills, 4) Kern River Valley, 5) North County, 6) South County, 7) West Side, 8) KCWA, 9) the County of Kern and 10) one Member-At-Large. The Member-At-Large representative is elected from a non-governmental organization (NGO) or community member. A representative and alternate for the Member-At-Large position shall be elected by a simple majority vote of the NGOs and community members belonging to the Stakeholder Group. The Executive Committee conducts the election of the Member-At-Large position and each NGO and community member may cast one (1) vote for a representative and one (1) voted for an alternate.

Stakeholder Group: An open group of interested people that participate in public meetings related to the update and implementation of the Kern IRWMP. Anyone may participate as part of the Stakeholder Group if they are willing to abide by the Code of Conduct.

Ability to Place Projects on an IRWM List. DACs who elect to join Kern IRWM Stakeholder Group, as defined in the Kern IRWMP Governance Structure, may submit a project for inclusion on the Master Project List by completing a Project Submittal Form.



Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the Kern IRWM to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Kings Basin Water Authority IRWM Group

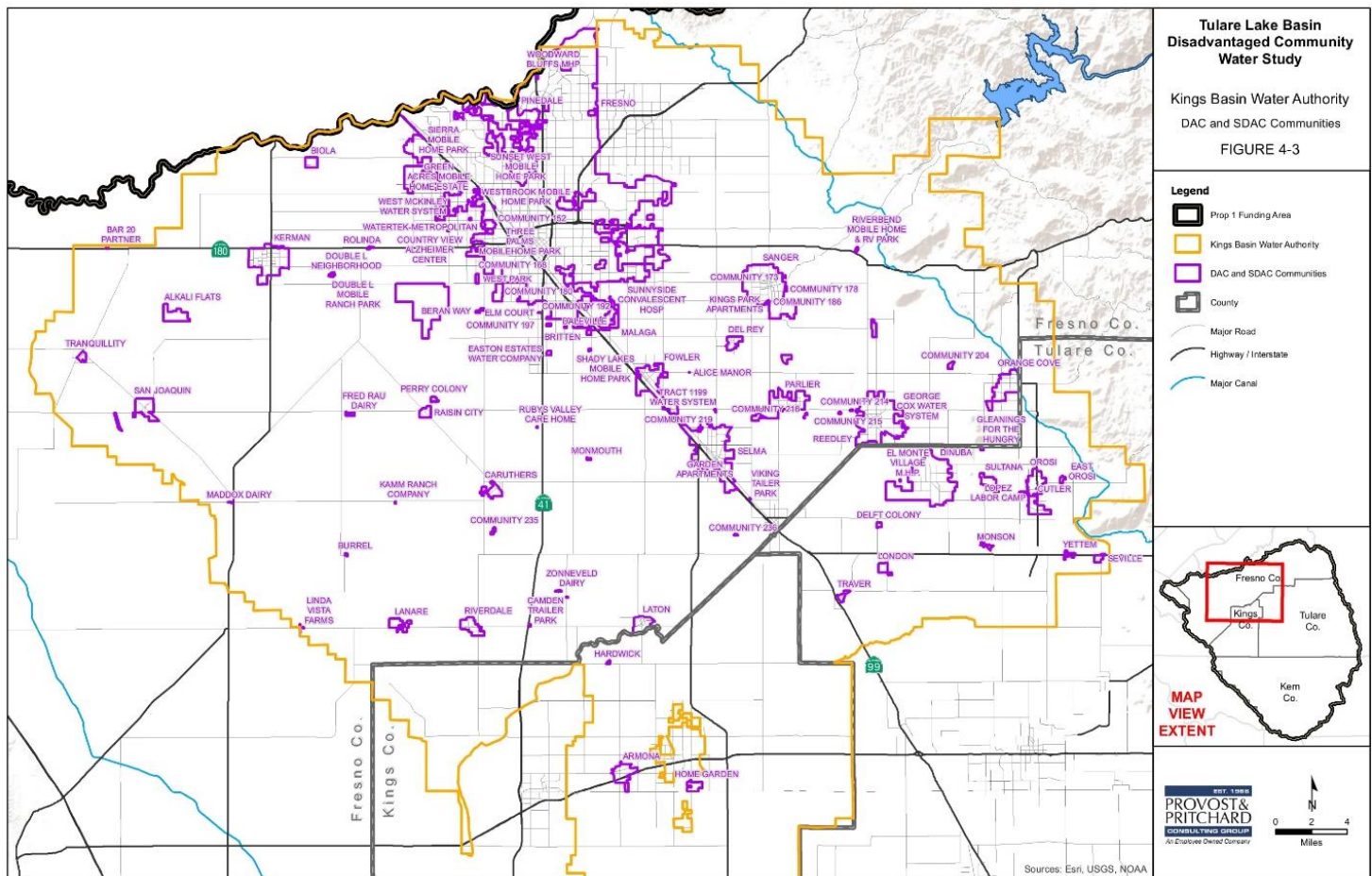
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The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Kings Basin Water Authority IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure below identifies the disadvantaged communities within the Kings Basin Water Authority IRWM region boundary:



Opportunities for DAC Participation

The Kings Basin Water Authority IRWM region has the following opportunities available for IRWM groups:

Kings Basin Stakeholder List: DACs and all interested stakeholders may request to be added to the Stakeholder list, which provides information on participation opportunities in the Kings Basin IRWM planning efforts.

Governing Board: While there are no specific opportunities for DACs to have a seat on the Governing Board, a DAC could secure a seat on the Governing Board if the DAC is a Member. Only paying Members can join the Board. The cost is a one-time \$30,000 fee to cover past planning investments, such as the IRWMP development, and an annual due of \$7,000. Annual dues for a small city may be reduced to \$3,500. There is a three-step process to becoming a Member including submitting a written request to join, complete the Member/Interested Party questionnaire, and provide documentation of IRWM Plan (IRWMP) and Joint Powers Agreement adoption.

Advisory Committee: DACs may join the Advisory Committee as an Interested Party, which advises the Board of Directors. The Advisory Committee includes one representative from each Member and Interested Party. Each Member and Interested Party has one vote on the Committee. Committee meetings are open to the public and any individual is welcome to attend to voice their ideas and concerns. There is an annual voluntary Interested Party fee of \$250, but payment is not required. Many DACs, as Interested Parties of the Kings Basin Water Authority IRWM Group, participated in the development of Goals and Objectives for the IRWM Plan.

Disadvantaged Communities Work Group: The aim of this work group is to prepare grant applications for projects in DACs and perform studies intended to help DACs with water resources problems. The Work Groups present results from their work at regular Advisory Committee meetings. Any Member or Interested Party can volunteer to serve on a Work Group.

Interested Parties List: Interested Parties have an opportunity to provide direct input into nearly all Authority activities through committee and work group participation. Interested Parties can participate at no cost (Annual \$250 voluntary fee, but payment not required), but must complete a three-step process, including submitting a written request to join, complete the Member/Interested Party questionnaire, and provide documentation of IRWMP adoption or intent to adopt.

Ability to Place Projects on an IRWM List. DACs who elect to join the Authority as an Interested Party or Member may submit a project to the Governing Board for consideration to be placed on the IRWM's Project List.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the KBWA to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Recommendations to Improve DAC Engagement (cont.)

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings. Recommend holding meetings in Selma in the evenings given the previous experience with good attendance by DACs.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Poso Creek IRWM Group

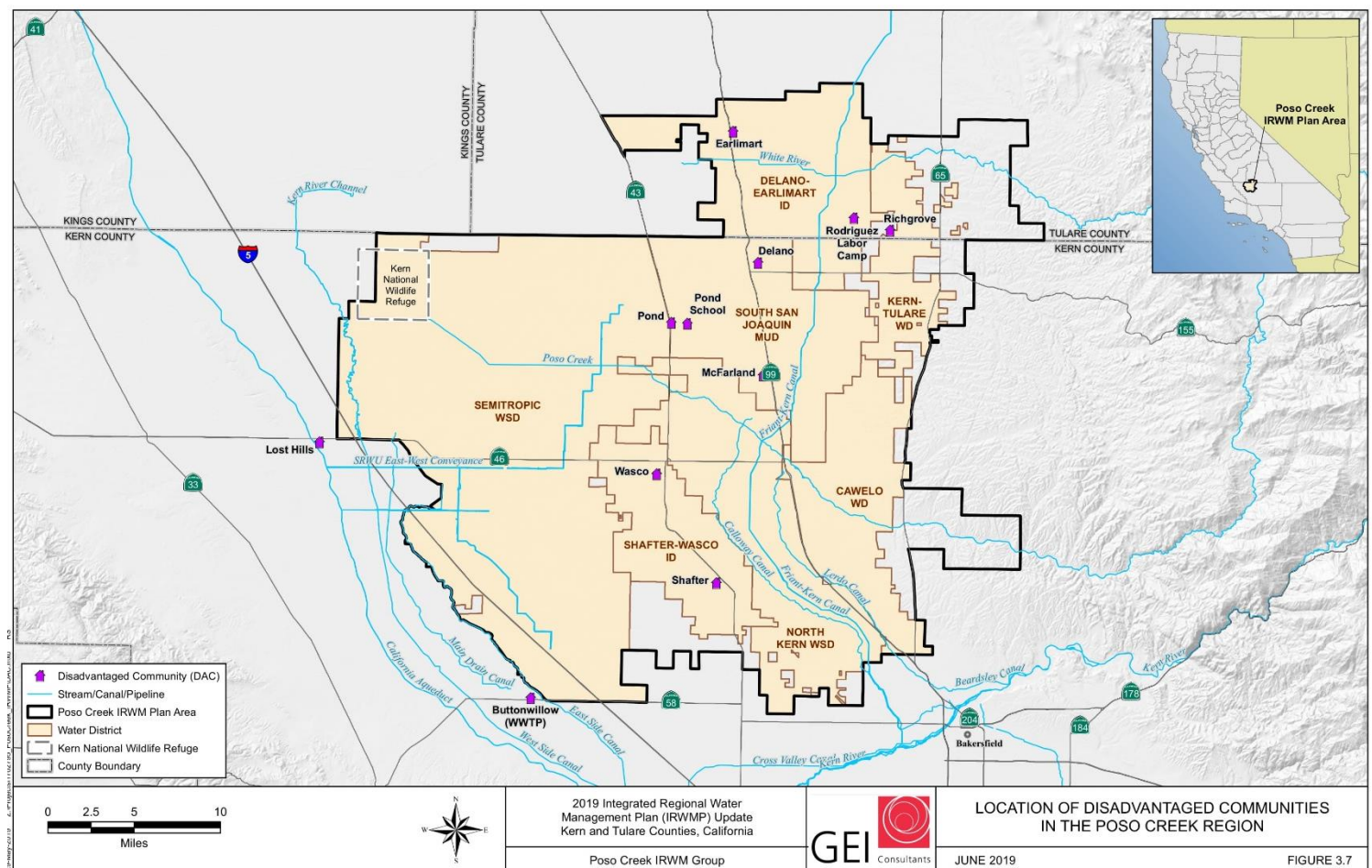
Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Poso Creek IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure below identifies the disadvantaged communities within the Poso Creek IRWM region boundary:



Opportunities for DAC Participation

The Poso Creek IRWM region has the following opportunities available for IRWM groups:

Poso Creek Regional Water Management Group (RWMG): The Poso Creek RWMG includes a seat for a Disadvantaged Community (DAC) Representative. The DAC Representative is a voting member of the RWMG.

Stakeholders: Members that are directly involved with or potentially affected by the planning and management efforts of the RWMG.

Interested Parties List: Interested parties who wish to participate in updating the IRWMP may do so by submitting a written request. None of the Interested Parties hold voting privileges directly; however, they are encouraged to present concerns or suggest projects/programs to the RWMG at the noticed meetings of the RWMG. All Interested Parties participate in the IRWM Group free of cost.

Ability to Place Projects on an IRWM List: Projects and programs that provide benefits primarily to DACs in the Region are submitted and reviewed by the RWMG for discussion, consideration, and approval for inclusion in the IRWMP project list during the public meetings.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Continue to maintain a contact list for the DACs/SDACs within the Poso Creek IRWM to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Southern Sierra IRWM Group

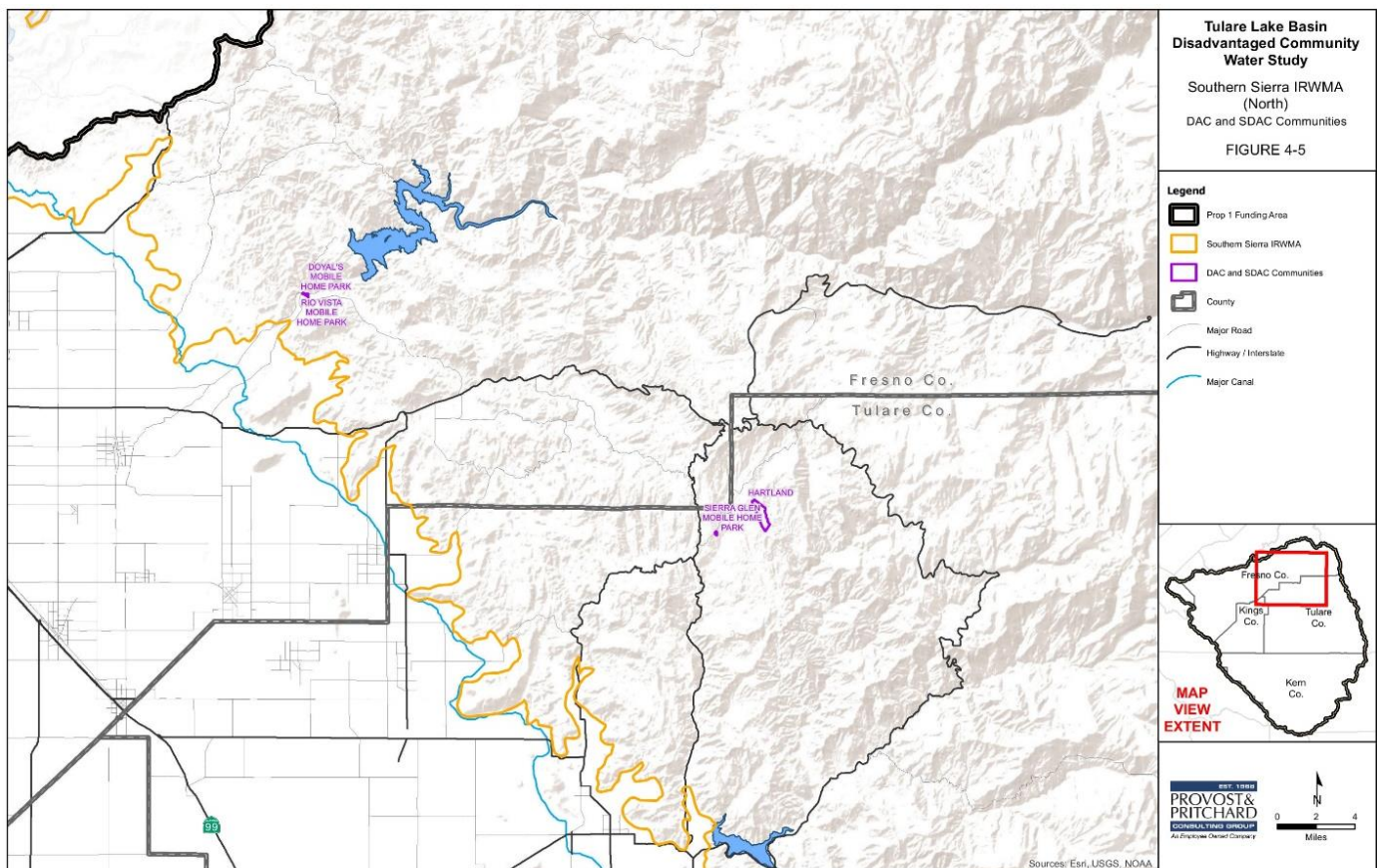
Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Southern Sierra IRWM Group.

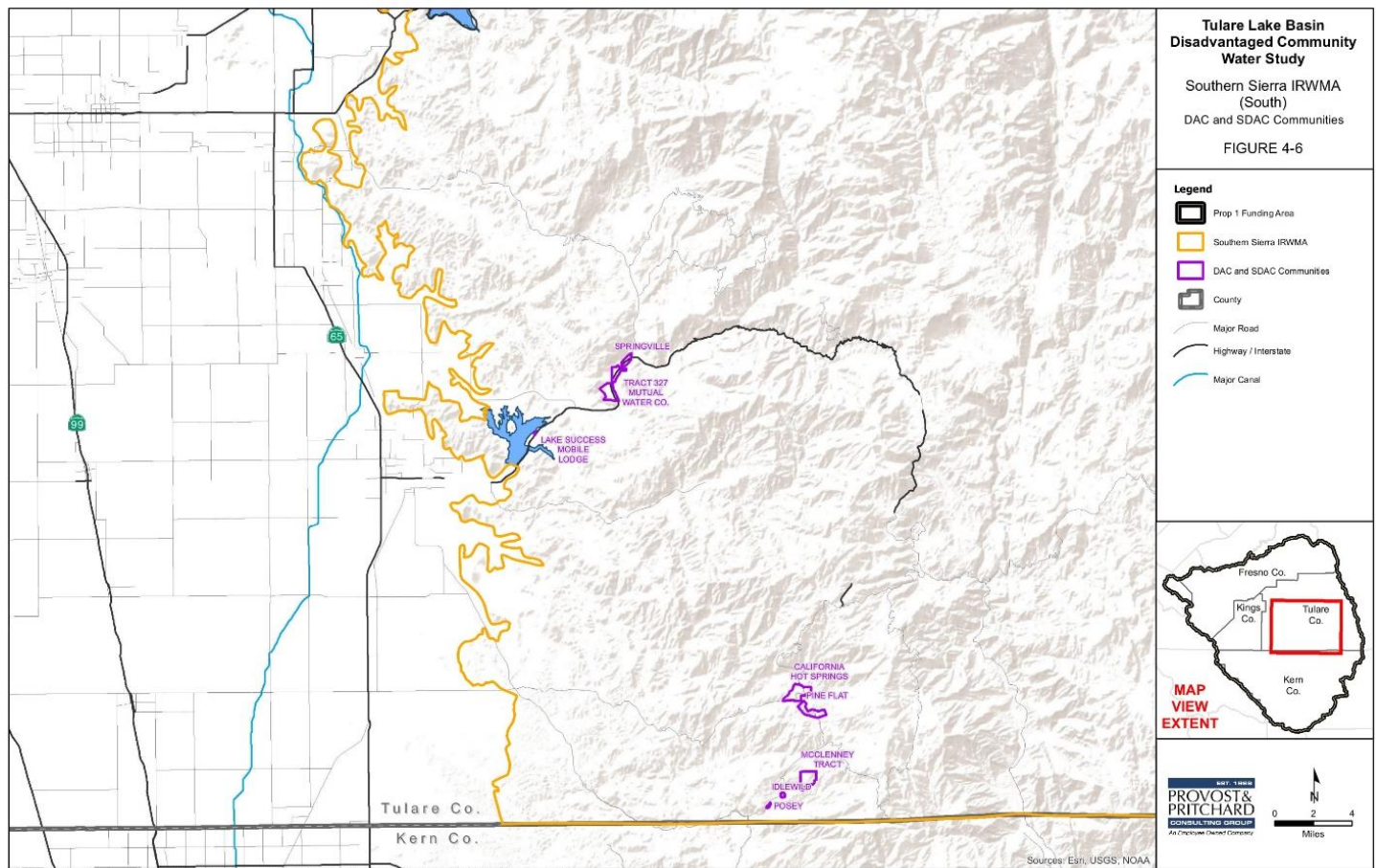
DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figures below identify the disadvantaged communities within the Southern Sierra IRWM region boundary. In addition to the DACs on the maps, the region also consists of unincorporated well-based residents that are not in the specific areas outlined below. Additionally, the Disadvantaged Communities Mapping Tool from the Department of Water Resources (DWR) - <https://gis.water.ca.gov/app/dacs/> - assists local agencies with their responsibilities related to IRWM, including identifying communities such as Severely Disadvantaged Communities (SDACs) and Disadvantaged Unincorporated Communities (DUCs) for outreach.



Southern Sierra IRWM – North

DACs Landscape (continued)



Southern Sierra IRWM – South

Opportunities for DAC Participation

The Southern Sierra IRWM region has the following opportunities available for IRWM groups:

Regional Water Management Group (RWMG): Membership in the RWMG is open to any agency, organization, or company that signs the MOU and is approved by existing RWMG members. Membership does not require any financial commitments. The right to become a member is based primarily on having a local presence in or around the IRWMP area and an interest in water resources management. The type, size, or financial status of an organization are not factors. Each member of the RWMG is given one vote; voting power is not weighted based on size, area, or financial status.

Coordinating Committee: The Coordinating Committee is a smaller group of RWMG members and interested stakeholders. The Coordinating Committee assumes tasks similar to an executive committee, but is entirely advisory to the RWMG and has no formal decision-making authority. Any member or interested party can ask to join the Coordinating Committee. The RWMG must approve a member's participation on the Coordinating Committee.

Interested Stakeholder List: DACs and all interested stakeholders may request to be added to the Interested Stakeholder list.

Ability to Place Projects on an IRWM List: DACs may submit a project for consideration to be placed on the IRWM's Project List.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the Southern Sierra IRWM to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Water Quality Sampling: Conduct water quality sampling and identify any issues with the data based on data that other agencies/organizations have to ground truth.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because decisions happen at meetings and e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings. Additional recommended strategies include social media (informational videos on Facebook), leverage water district and water purveyor contacts, and calling residents.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning. Specifically work with organizations, such as Self-Help Enterprises, to conduct outreach, workshops/trainings, community surveys, and provide technical assistance.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Tule River Basin IRWM Group

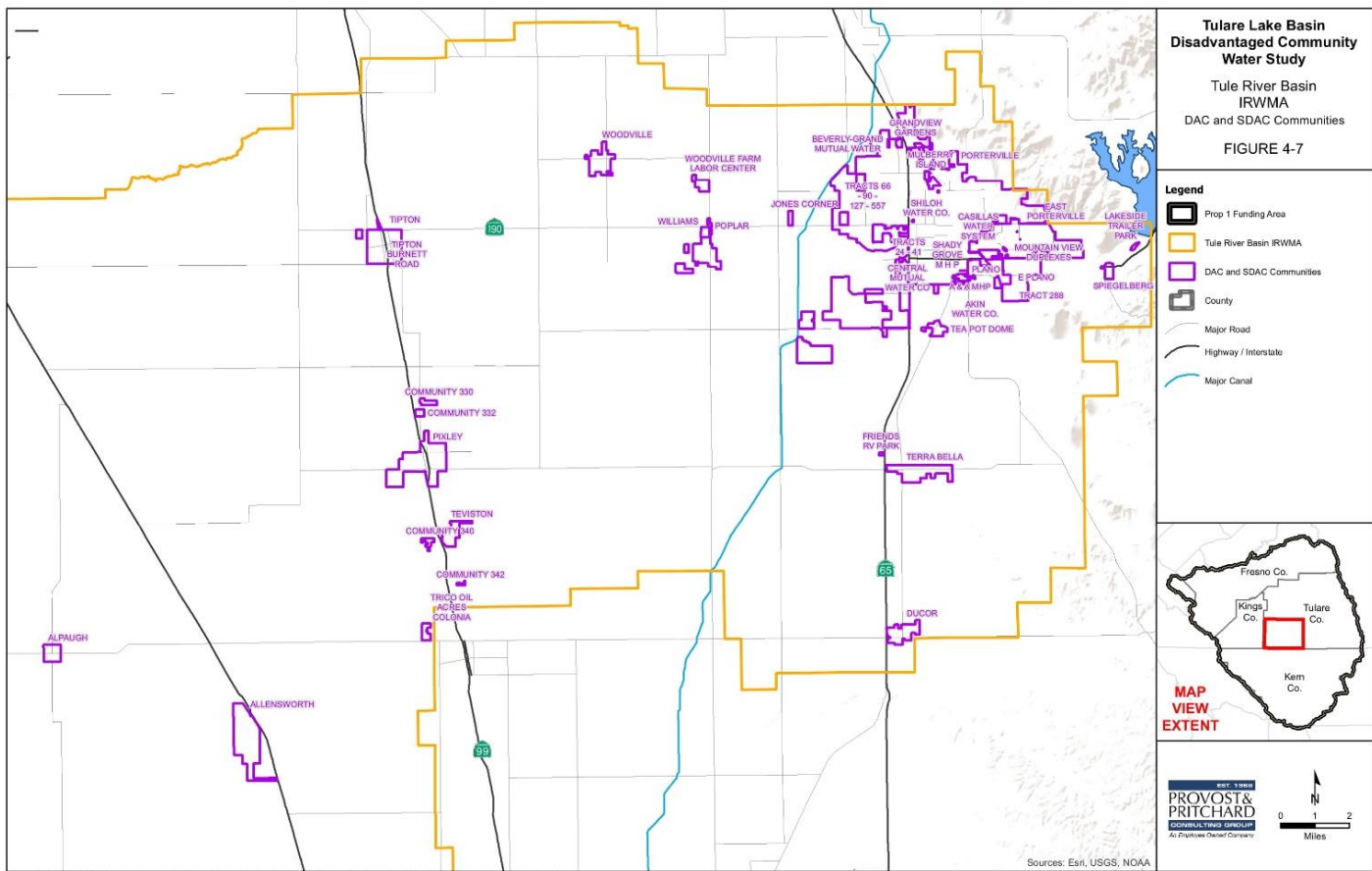
Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Tule River Basin IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure below identifies the disadvantaged communities within the Tule River Basin IRWM region boundary:



Opportunities for DAC Participation

The Tule River Basin IRWM region has the following opportunities available for IRWM groups:

Governing Board: While there are no formal opportunities for DACs to have a seat on the Governing Board, the governing board is composed of one designated primary representative from each of the Parties to the MOU, one designated member from the Tule River Basin RWM Stakeholder Advisory Group, together with those who may hereafter be added as members of the RWM Group by any subsequent majority vote of the Parties.

Stakeholder Advisory Group: The Tule River Basin RWM Stakeholder Advisory Group has elected from among its members a Chair and a Vice Chair to conduct the meetings of the RWM Stakeholder Advisory Group. The Tule River Basin RWM Stakeholder Advisory Group shall appoint one (1) individual and one (1) alternate to serve on the Tule River Basin RWM Group Governing Board for a term of two (2) years.

Ability to Place Projects on an IRWM List: DACs may submit a project to the Stakeholders Advisory Group for consideration to be placed on the IRWM's Project List.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the Tule River IRWM to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, Groundwater remediation funding or other potential funding sources.

DAC Engagement & Outreach Recommendations

Westside-San Joaquin IRWM Group

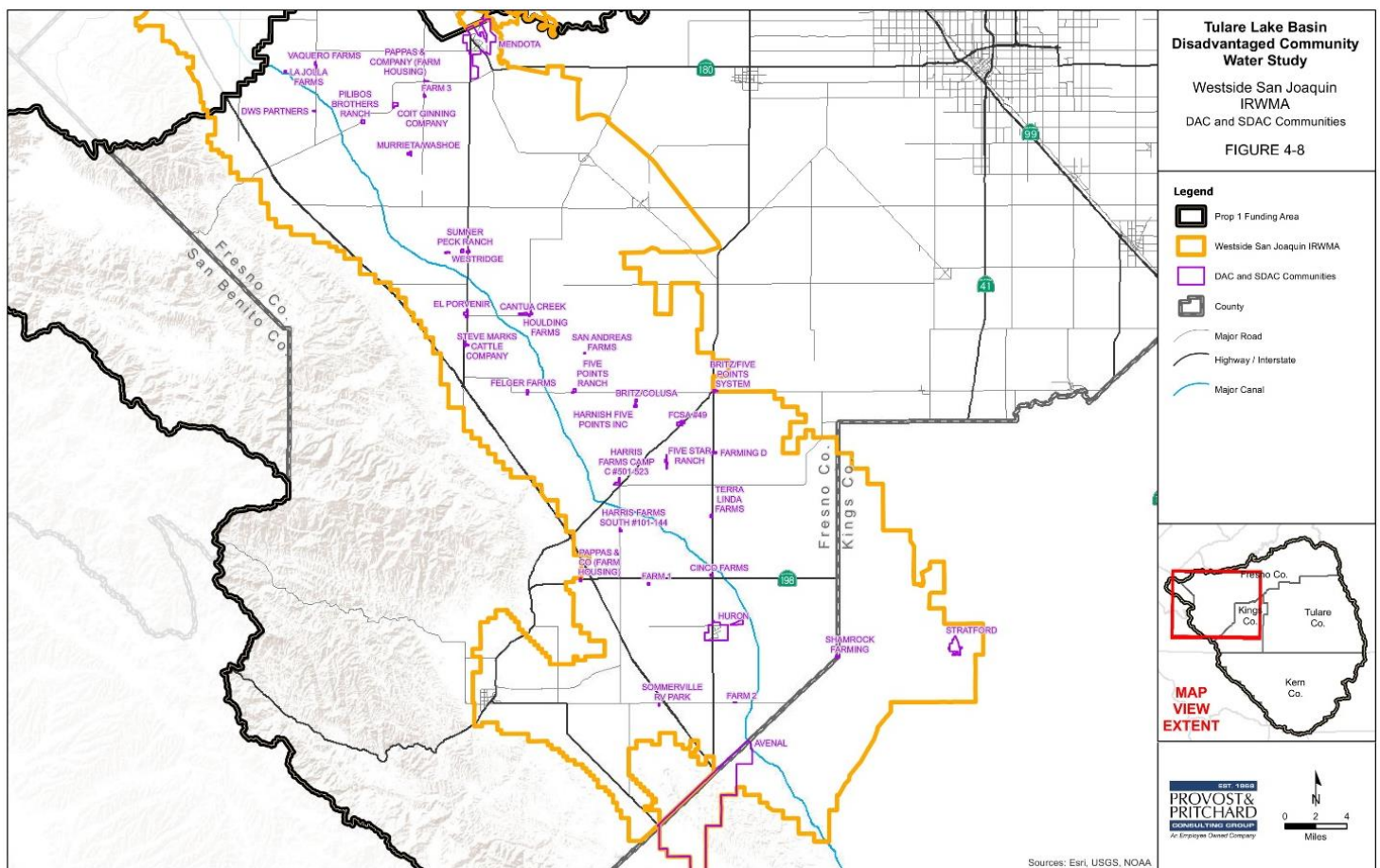
Objective

The Integrated Regional Water Management (IRWM) program is a statewide voluntary water planning and implementation program established in 2002 to incentivize regional collaboration among multiple local water agencies towards the implementation of multi-benefit projects.

The Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP) is a grant-funded effort aimed at improving the involvement of Disadvantaged Communities (DACs) in Integrated Regional Water Management (IRWM) planning. The Disadvantaged Community Education and Engagement Program (DACEEP) was implemented within the Tulare-Kern Funding Area, which encompasses most of Fresno, Kern, Kings and Tulare Counties. The DACEEP is focused on improving understanding of community water needs and the IRWM process as well as encouraging DAC participation and engagement in IRWM activities. As part of the DACEEP, DAC participation and understanding of IRWM were evaluated to develop individual DAC engagement and outreach recommendations for the Kings Basin Water Authority IRWM Group.

DACs Landscape

A Disadvantaged Community (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 (Water Code §79505.5). The figure below identifies the disadvantaged communities within the Kings Basin Water Authority IRWM region boundary:



Opportunities for DAC Participation

The Westside-San Joaquin IRWM region has the following opportunities available for IRWM groups:

Stakeholder Contact List: DACs and all interested stakeholders may request to be added to the Stakeholder Contact List, which provides IRWM-specific information.

Regional Water Management Group (RWMG): While there are no specific opportunities for DACs to have a seat on the RWMG, the governing body of the Water Authority consists of a 19 member Board of Directors, classified into five Divisions, with directors and alternates selected within each Division.

Ad-Hoc Working Groups & Steering Committees: Ad-hoc working groups and steering committees are formed, as necessary, to focus on matters of particular expertise (i.e. water quality and groundwater management).

Ability to Place Projects on an IRWM List. DACs may submit a project to the San Luis & Delta-Mendota Water Authority for consideration to be placed on the IRWM's Project List. The prioritized project list will be revised periodically, but no less than every 5 years. At that time, a call for projects will be issued, submitted projects reviewed and prioritized, and the revised project list vetted by the Member Agencies and stakeholders following updating.

Recommendations to Improve DAC Engagement

These recommendations are tailored to each IRWM group based on the findings and feedback obtained during the meetings. It is recommended that the IRWM group review, prioritize, and implement the following DAC engagement and outreach recommendations. When IRWM boundaries were formed, there were DACs that fell outside the boundary of IRWM groups. To improve engagement of these white area DACs, several potential recommendations were developed based on the findings of the Assessment of Past and Present DAC Engagement and meetings with IRWM regions to review results of the Assessment.

Maintain an Updated DAC/SDAC Contact List: Maintain a contact list for the DACs/SDACs within the Westside-San Joaquin IRWM Region to better conduct outreach and engage with these communities.

IRWM Educational Materials: Utilize bilingual educational materials already developed (e.g. Get to Know Your IRWM Factsheet and Tulare-Kern Funding Area DACIP Informational Sheet) to inform DAC representatives of the IRWM process. Develop new educational materials as needed for specific IRWM programs or opportunities.

Stipends/Sponsorship: Incentivize DACs by providing stipends/sponsorships for community members to attend meetings. Unlike IRWM group staff who may be paid to attend IRWM meetings, travel expenses and loss of work time can be a barrier to participation for DACs.

Set Aside Budget for DAC Engagement: Account for DAC outreach, engagement and translation services when establishing and approving operating budgets, enacting fees and/or applying for state funding.

Leverage DAC Successes from DACEEP Program: Because e-connectivity and e-mail use in rural communities is nominal, using alternative forms of communication is key to reaching DACs. Outreach methods that have had success include bilingual flyers and hosting community meetings.

Using Non-Governmental Organizations (NGOs) or Community Based Organizations (CBOs) for Outreach and DAC Contacts: Conduct community outreach and education activities to engage DACs and enable DACs to participate in water management planning.

Recommendations to Improve DAC Engagement (cont.)

Continue Assessment of Present DAC Participation in IRWM: Conduct yearly assessment of DAC participation (e.g., who is currently participating and who has previously obtained IRWM funding) to address and respond to possible participation barriers and/or interest in participating in IRWM related activities. The survey tool utilized through the DACEEP could be modified for an annual analysis.

Access Funding: The IRWM could help DACs access storm water funding, groundwater remediation funding or other potential funding sources.

Appendix F

White Area Recommendations

**Tulare Kern Funding Area
Disadvantaged Community Involvement Program
White Areas Working Group**

**IRWM Participation Recommendations/Approaches
For DACs and SDACs Outside an IRWM Region**

Amend Integrated Regional Water Management Group (IRWMG) Boundaries

- DWR currently has the wrong boundaries for the Kings Basin Water Authority on the mapping tool. Therefore, the Authority will be seeking a boundary revision. Soua (Kings Basin Water Authority) is willing to initiate discussions about potential boundaries changes. Disadvantaged Communities (DACs) that could potential benefit from the boundary amendment include the City of Lemoore and Santa Rosa Rancheria. Kings River Conservation District (KRCD) will be talking to South Fork Kings Groundwater Sustainability Agency about potentially joining the Kings Basin Water Authority since the South Fork Kings Groundwater Sustainability Agency (GSA) includes these white area communities. Incentive to the GSA is possibly one more funding opportunity.
 - General Process Overview to Amend IRWM Group Boundaries (Kings Basin Water Authority)
 - Convene working group
 - Consult the Advisory Committee
 - Seek approval from the Board of Directors
 - Initiate DWR's Regional Acceptance Process (RAP)
 - Application to IRWM (Armona previously submitted an application to the Kings Basin Water Authority). See Kings Basin Disadvantaged Community Water Study.

Engage IRWM Groups, DACs, Existing Members and Non-participating Entities

- There is an urgent need to rebrand the IRWM program. This could be a good opportunity to discuss boundary modifications. Rebranding of the IRWM program should include an education and messaging campaign to teach new members and remind existing members of the importance of the IRWM program. The campaign must include positive messages/examples of success. It should be noted that agencies and DACs currently not covered by an IRWM region may not have enough information to make a firm/final

decision about joining an IRWM group and may need to be outreached to and engaged more than once.

Department of Water Resources

- Evaluate whether DWR can secure and allocate additional funding (perhaps from other bonds and or programs) to the funding area (FA) and or provide funding/incentives to IRWM groups that agree to provide coverage to DACs in white areas.
- Clarify eligibility for DACs not covered by an IRWM region.
- Provide funding for boundary modifications that would include additional communities currently outside of an IRWM group boundary.

Legislature/Governor

- Continue to invest in IRWM – allocate funding in bonds – provide separate allocations for DACs not covered by an IRWM group.
- Match local funds generated to maintain IRWM program if IRWM group is providing ongoing technical assistance to DACs
- Consider covering membership fees for DAC members (IRWM must fully include DACs and address participation barriers by establishing appropriate technical and engagement programs)

Local IRWMs/Funding Area

- SHE to work with Westside San Joaquin IRWM to gauge interest in expanding existing IRWM boundaries to provide coverage to Kettleman City and Community 241.
- SHE to work with Kaweah River IRWM to gauge interest in expanding IRWM's existing boundaries to provide coverage to the City of Exeter.
- Develop outreach and messaging campaign to teach new members and remind existing members of the importance of the IRWM. This messaging memo will include positive messages/examples of success.
- Consider generating local funds to maintain spirit of IRWM – develop diverse projects and proposals. Will likely require funding to provide ongoing technical assistance to DACs.
- Track Governor Newsom's Water Resiliency Portfolio and explore ways to obtain funding to pilot a program that supports Governor's Water resilience vision.

**Tulare Kern Funding Area
Disadvantaged Community Involvement Program
White Areas Working Group**

Location: Self-Help Enterprises 8554 W. Elwin Court Visalia, CA 93292
Phone: 1-800-768-2983 / Code: 3418040

**Meeting Summary
Wednesday, January 8, 2020 2:00pm - 3:30pm**

Attendees: Jim Maciel (Armona Community Services District), Sonia Sanchez, Angela Islas, Jessi Snyder (Self-Help Enterprises) | **On the phone:** Soua Lee (Kings River Conservation District/Kings Basin Water Authority) | **Not in attendance:** Rebecca Berg (Civic Spark/County of Tulare) and Denise England (County of Tulare)

Welcome and Introductions:

Sonia thanked everyone for agreeing to serve on the white areas working group. Sonia announced the transition from Maria Herrera to Sonia Sanchez being the lead contact for the White Areas Group.

Review/Approval of the Agenda: The group reviewed the agenda. No changes were made to the agenda.

Review of Current DACs/Entities not Covered by an IRWM Region

- Sonia reached out to Shane Smith with the Kaweah River Basin IRWM group about Exeter. Shane spoke to the General Manager and will consider their boundary expansion to Exeter but will need to be in contact with the City Council to see if they are interested in joining the group before considering expanding their boundary. Sonia will follow up and provide updates to the group.
- Sonia spoke to Scott Peterson with the Westside-San Joaquin IRWM group regarding extending their boundary to Kettleman City and Community 241. Scott will discuss this with their Board during their next board meeting on January 9, 2020 to consider expanding their boundary to include Kettleman City and Community 241.

Recent Coordination with DWR and IRWM Groups

Sonia and Maria Herrera had two phone calls with the Department of Water Resources. Sonia shared updates from those calls. The first call was with Craig Cross and Nathan Fisch on

October 14, 2019, who referred Self-Help Enterprises (SHE) to Rachel Ballanti and Carmel Brown. They will reach out to funding area grant managers (Lance in Mojave area; Holly at Inyo-Mono Water; Mountain Counties) and see if they can share any recommendations. Additionally, they will talk to staff involved in awarding funds and connect with their colleague Tanya who works with ArcGIS to see if there is a query of projects funded outside of IRWM groups.

Review of Preliminary Draft Recommendations/Approaches

Prior to the meeting, Sonia sent the draft preliminary recommendations to the White Areas group for further additions and revisions to the document. No additions were made to the document.

Soua 's update on amending Integrated Regional Water Management Group (IRWMG) Boundaries

- Soua anticipates the conversations for boundary changes to be discussed further in March 2020. Disadvantaged Communities (DACs) that could potential benefit from the boundary amendment include Lemoore and Santa Rosa.
- Conversation between King River Conservation District (KRCD) and South Fork Kings Groundwater Sustainability Agency about potentially joining the Kings Basin Water Authority is pending.

Engage IRWM Groups, DACs, Existing Members and Non-participating Entities

- SHE proposes to work with Resource Media to develop an education and messaging campaign to teach new members and remind existing members of the importance of the IRWM.
- Work on this particular task item and will need the approval of the PAC at the next PAC meeting on January 16, 2020 to move forward

Legislature/Governor

- The [Governor's Water Resilience Portfolio](#) was recently released.

Group Discussion

1. Jim: Any indication from the Governor or State to look into water bonds that include IRWMP?
 - a. Jessi agrees to having this be a good recommendation.
 - b. Sonia will be adding this to the draft recommendations list

2. Soua: Santa Rosa Rancheria – is there a contact person to reach out to that community?
 - a. Sonia – Paul Boyer may have a contact out there to share. Part of the proposal is to include tribal outreach into Phase II of the TKFA DACI project.
 - i. Jim stated that Norman Quinn, Board Member of the Armona Community Services District is the utility manager for the Santa Rosa Rancheria community. There are conversations about housing expansion (~100 homes) within this community.

Future Agenda Topics/Action Items/Adjourn

- Jessi – couple of pending items regarding IRWM boundary expansions. Does not really feel that the WAG needs to reconvene for updates on that. Recommends following up via email.
- Sonia will follow up with DWR on the information/recommendations regarding IRWM boundary expansion.
- SHE will be adding the water bond recommendation to the draft recommendations list.
 - Sonia to finalize the recommendations list and provide to PAC and DWR.

**Tulare Kern Funding Area
Disadvantaged Community Involvement Program
White Areas Working Group**

Location: Self-Help Enterprises 8554 W. Elwin Court Visalia, CA 93292
Phone: 800-768-2983 / Code: 3418040

**Meeting Summary
Tuesday, November 26, 2019 10:00 am - 11:30 am**

Attendees: Jim Maciel (Armona Community Services District), Maria Herrera (Self-Help Enterprises) and Angela Islas (Self-Help Enterprises) – On the phone: Soua Lee (Kings River Conservation District/Kings Basin Water Authority) and Rebecca Berg (Civic Spark/County of Tulare)

Welcome and Introductions:

Maria thanked everyone for agreeing to serve on the white areas working group.

Review/Approval of the Agenda: The group reviewed the agenda. No changes were made to the agenda.

Purpose/Objective of the White Area Working Group: Self-Help Enterprises (SHE) provided an overview of the purpose/objective of the White Area Working Group and discussed approved activities as part of the Disadvantaged Community Education and Engagement Program (DACEEP). In summary, the purpose of the group is to identify and discuss approaches to extend coverage to communities outside of an Integrated Regional Water Management (IRWM) region, review current circumstances, previously identified recommendations and develop new recommendations. SHE has funding through the DACEEP to perform the following activities:

- Reconvene white areas working group;
- Facilitate up to three (3) conference calls or in-person meetings with the white areas working group and prepare meeting materials/notes and draft and final recommendations;
- Review what other IRWM regions around the state have done to facilitate DAC participation, determine relevant options for the Tulare-Kern Funding Area (TKFA), present options to white areas working group and obtain feedback; and
- Gauge interest by DACs in participating in IRWM and identify IRWM groups that are willing to incorporate DACs into their boundaries

Current DACs/Entities not Covered by an IRWM Region: The group then reviewed the map of DACs not covered by an IRWM region (Figure 4-9 DACs and SDACs Communities Outside of IRWM Boundaries) provided Provost and Pritchard.

The group also reviewed the list of entities not covered by an IRWM that was developed by the White Areas Working Group that was convened in 2014. Upon review, the group will add to the list of un-covered entities the newly formed Groundwater Sustainability Agencies: South Fork Kings, Mid-Kings River, El Rico, Greater Kaweah, Southwest Kings GSA and Pleasant Valley. Additionally, the group observed that most DACs/entities not covered by an IRWM region are within Kings County. Kings County has not been interested in participating in IRWM.

SHE then provided a brief overview of the approaches, preliminary recommendations, challenges and questions previously identified by the 2014 White Areas Working Group. **See the IRWM Participation Recommendations document.**

Comments by the group:

- Overlap issues has been resolved.
- All approaches previously identified appear to continue to be appropriate.
- Challenges identified by the group include limited funding currently available for the IRWM program, the competitiveness of the program (no one wants to increase the number of agencies they will need to compete with) and uncertainty about the future of IRWM. Armona experienced some resistance when they requested to join the Kings Basin Water Authority. Perhaps, DWR can identify and allocate additional funding to the FA and or provide funding/incentives to IRWM groups that agree to provide coverage to DACs in white areas.
- DACs not covered by an IRWM region should be able to seek funding but there should be some coordination with the neighboring IRWM region. Perhaps the DAC could submit the application to a neighboring IRWM. Unclear if the IRWM region should review, rank and score the project.
- There is a need to rebrand IRWM and this should begin with an education and messaging campaign to teach new members and remind existing members of the importance of the IRWM. It is important to communicate success of the IRWM program. The Kings Basin Water Authority will be working on rebranding IRWM in 2020.

Coordination with the Department of Water Resources (DWR)

SHE provided an overview of recent Coordination with the DWR. In summary, SHE reported that at least two calls had been held. The first was held with Craig Cross and Nathan Fisch (Funding area coordinator). The second call was held with Carmel Brown and Rachelle Ballanti (Proposition 1 IRWM Implementation Grant Program Contact).

SHE reported that DWR is excited to hear that Rebecca is part of the White Areas Working Group and is looking forward to reviewing the recommendations that are developed by the group. DWR has agreed to reach out to funding area grant managers to ask if they have any recommendations to share. Moreover, DWR will talk to staff involved in awarding funding to determine if any previous funding was awarded to projects that provided benefits to DACs outside an IRWM region or to DACs that are not covered by an IRWM region and how it was facilitated. Lastly, Rachel will follow up with staff member regarding a query of projects funded outside of IRWM regions.

Group Discussion

The group identified some preliminary recommendations and approaches to provide coverage to DACs not covered by an IRWM region. Recommendations were developed for individual IRWM regions/funding areas, DWR, the Legislature/Governor and the Project Advisory Committee. See the IRWM Participation Recommendations document.

Future Agenda Topics/Action Items/Adjourn:

SHE will prepare a meeting summary, draft preliminary approaches and recommendations and circulate to the group. Preliminary approaches and recommendations will also be provided via google docs.

- Convene one more call prior to January 16, 2019 PAC meeting. In order to find out when everyone is free for another meeting, a WhenisGood link will be provided when emailing the meeting summary and draft preliminary approaches and recommendations.
- Provide a brief presentation to the Project Advisory Committee at their January 16, 2020 meeting.
- Determine appropriate outreach method (calls, letter, survey and/or other) to gauge preliminary interest in participating in IRWM activities. It should be noted that agencies and DACs currently not covered by an IRWM region may not have enough information to

make a firm/final decision and may need to be outreach to and engaged more than once.

- Conduct outreach to DACs currently not covered by an IRWM region.
- Contact Andrew (Westside San Joaquin IRWM) to gauge interest in expanding existing IRWM boundaries to provide coverage to Kettleman City and Community 241.
- Contact Shane Smith to gauge interest in expanding Kaweah's existing or IRWM boundaries to provide coverage to the City of Exeter.
- Rebecca to update the group if Colorado has provided opportunities for DACs that are not covered by an IRWM
- SHE to provide updates as they are received by DWR.

Appendix G

Interim Drinking Water Supply Funding List

State Water Resources Control Board Cleanup and Abatement Account (CAA) 2015-2016 AB 91 Interim Emergency Drinking Water Program Funding List - Updated November 2016					
Interim Emergency Drinking Water for Contaminated Water Supply \$4 Million					
Applicant	County	City	Project Description	CAA Funded Cost	Agreement Executed
Executed Agreements To-Date					
Oak Run Elementary School	Shasta	Oak Run	Project will provide bottled water to students and staff due to E. Coli contamination in the water system.	\$15,000	4/12/2016
Community of Tecopa	Inyo	Tecopa	Additional funding for the Installation of a Water Vending Machine	\$89,749	4/1/2016
Central Unified School District	Fresno	Fresno	Bottled water due to chromium 6 contamination in water supply.	\$50,000	3/11/2016
Reef Sunset Unified School District	Kings	Avenal	Project will provide bottled water to students and staff at the Avenal Elementary School, Tamarack Elementary School, Avenal High School, Reef Sunset Middle School, Sunrise High School and Avenal Adult School.	\$290,914	3/4/2016
Lakeside Union School	Kern	Bakersfield	Project will provide bottled water to Lakeside School students and staff due to arsenic contamination.	\$62,983	3/1/2016
Self Help Enterprises on behalf of Harwick well owners & the Mutual Water Company water system	Kings	Hardwick	Project will provide bottled water to residents in the Hardwick area due to uranium contamination.	\$133,634	1/13/2016
Self Help on behalf of the Fountain Trailer Park	Kern	North Edwards	Project will provide bottled water to Fountain Park residents to address arsenic contamination in the source well.	\$58,075	12/11/2015
Self Help on behalf of Perry Colony & West Church Ave.	Fresno	Fresno	Project will provide bottled water to residents in the rural communities of Perry Colony and West Church due to uranium and nitrate in the water supply.	\$115,647	12/11/2015
Madera County on behalf of MD-7 Marina View Heights	Madera	NA	Project will provide bottled water to the residents of MD-7 due to arsenic, manganese, uranium, and gross alpha contamination in the water supply.	\$339,658	12/11/2015
Rio-Bravo-Greeley Union School District	Kern	Bakersfield	Project will provide bottled water to students and staff at Rio Bravo - Greeley Union School due to nitrate contamination.	\$125,076	12/3/2015
California Rural Legal Assistance on behalf of the El Porvenir watersystem	Fresno	Fresno	Bottled water for El Porvenir residents while the consolidation of their water treatment system with Cantua Creek is underway to address MCL violations for haloacetic acids (HAA5) and total trihalomethanes (TTHMs).	\$259,226	10/19/2015
California Rural Legal Assistance on behalf of the Cantua Creek watersystem	Fresno	Fresno	Bottled water for Cantua Creek residents while the consolidation of their water treatment system with El Porvenir is underway to address MCL violations for haloacetic acids (HAA5) and total trihalomethanes (TTHMs).	\$348,765	10/19/2015
Amargosa Conservancy on behalf of Tecopa well owners	Inyo	Tecopa	Project will continue the bottled water program for the community of Tecopa until the previously funded water vending machine is operational.	\$90,356	10/8/2015
Valley Teen Ranch	Madera	Madera	Bottled water for residential group home	\$14,624	9/10/2015
Sutter County on behalf of the Robbins Elementary School	Sutter	Yuba	Bottled water due to arsenic contamination in water supply.	\$246,330	8/26/2015
Western Water Conservation on behalf of the Ramona Water Company watersystem	Riverside	Anza	Bottled water due to nitrate contamination in drinking water supply and insufficient source capacity.	\$94,185	8/17/2015
Madera County on behalf of MD-6 Lake Shore watersystem	Madera	Bass Lake	Project will provide bottled water to the residents of MD-6 due to arsenic, manganese, uranium, and gross alpha contamination in the water supply.	\$188,763	12/3/2015
Antelope Homewood Mobile Home Park	Tehama	Red Bluff	Project is for the design and construction of an emergency interconnection between the MHP (Antelope water system) and the City of Red Bluff's (City) water system, connection fees, and (Local Agency Formation Commission) LAFCO application fees.	\$36,229	6/28/2016
Potter Valley Community Unified School District	Mendocino	Mendocino	The requested amount of \$7,000 will be used to provide 125 gallons per week of bottled water for 37 weeks (excluding holidays) during the school year beginning August 23, 2016 and ending on June 8, 2017 or until a permanent solution is completed. This is less than the maximum 1/2 gallon per person per day allowed for bottled water projects.	\$7,000	9/2/2016
Village Mobile Home Park	Los Angeles	Los Angeles	Project will provide bottled water to the residents of Village Mobile home Park due to arsenic contamination.	\$56,828	3/21/2016
Self Help Enterprises for Monterey Park Tract	Stanislaus		Project will provide residents with bottled water as an interim solution to their contaminant issues.	\$16,724	6/28/2016
Jamestown/Quartz Hill/ Stent Area (Immediately)	Tuolumne		Distribution System extension	\$318,233	9/16/2016
Kettleman City Community Services District	Kern	Kettleman	The funding will be used to provide bottled water to 358 service connections for up to 33 months. The district's groundwater wells are contaminated with naturally occurring arsenic above the MCL.	\$101,569	9/12/2016
Linns Valley Poso Flat Union School District	Kern	Kern	The project will fund the construction of the permanent connection between the Linns Valley Poso Flat Union School, the three homes connected to the existing system and the Glennville Mutual Water Company. The Project will include the installation of a conveyance pipeline extension, 4 laterals each including a meter and back flow prevention assembly. The project will address the persistent bacterial contamination issue in the existing system.	\$165,912	9/26/2016
Jamestown/Quartz-Hill/Stent - Bottled Water	Tuolumne		The project proposes to continue bottled water deliveries once the Oral Contract has expired for approximately 100 weeks (1 year and 11 months) or until the permanent solution is completed, whichever occurs first.	\$29,700	8/24/2016
Jamestown/Quartz Hill/ Stent Area	Tuolumne		Project will provide bottled water to residents in the Jamestown/Quartz Hill/Stent area for up to 8 weeks while the funding details for the interim and long term solutions are ironed out.	\$20,000	Oral Contracts Issued: 3/30/2016
Linns Valley School	Kern	Kern	Project will provide bottled water to students and staff at Linns Valley School due to bacterial contamination.	\$5,000	Oral Contracts Issued: 5/09/2016
Preliminary Funding Commitment To-Date (Agreement not yet executed)					
Rural Community Assistance Corporation (Short-term)	Kern		Project will extend Operations and Maintenance (O&M), sampling and monitoring, and communications through April 2018 for its existing Point of Use (POU) Device Program in priority community and school areas throughout Arvin, California.	\$128,326	NA
Self-Help Enterprises for Pond Mutual Water Company	Kern		Project will install POU devices at 18 connections to address MCL violations for arsenic.	\$49,794	NA
Rio Bravo- Greeley Union School	Kern	Kern	Project will install POU at two schools to address nitrate contamination.	\$67,861	NA
Warner Springs Unified School District	San Diego	San Diego	Project will provide bottled water to approximately 322 staff and students and install a POU device in the kitchen area for cooking to address arsenic contamination	\$183,650	NA
Fall River CSD McArthur MHP	Shasta	Shasta	Installation of permanent interconnection water pipeline between McArthur MHP and Fall River Valley Community Services District. Well #3 has manganese contamination exceedances around 40 times the secondary MCL of 0.05 mg/L, and 4 times the drinking water notification level of 0.5 mg/L. Shasta County considering issuing a compliance order for manganese exceedances.	\$20,000	NA
				EXECUTED AGREEMENTS:	\$3,255,180
				ORAL AGREEMENTS:	\$25,000
				PRELIMINARY FUNDING COMMITMENTS:	\$449,631
				TOTAL (EXECUTED AGREEMENTS +ORAL AGREEMENTS+ COMMITMENTS):	\$3,729,811
				REMAINING:	\$270,189

State Water Resources Control Board Cleanup and Abatement Account (CAA) 2015-2016 AB 91 Interim Emergency Drinking Water Program Funding List - Updated November 2016					
Drought Emergency or Threatened Emergency Funding Program \$15 Million					
Applicant	County	City	Project Description	CAA Funded Cost	Agreement Executed
Executed Agreements To-Date					
County of Madera on behalf of Chuk Chanse Water System	Madera	NA	Project will drill a new well to replace the existing well that cannot be repaired. Project will also provide hauled water until the new well is up and running.	\$323,000	2/12/2016
Tulare County for East Porterville private wells	Tulare	East Porterville	Installation of a new well to provide capacity to the City of Porterville to fill individual household tanks in East Porterville	\$500,000	1/21/2016
Tulare County on behalf of the Monson well owners	Tulare	Monson	Installation of well and distribution piping for individual well owners in Monson.	\$500,000	1/19/2016
Tulare County on behalf of Seville Water Company	Tulare	Seville	Project will provide bottled water to Seville community residents due to water system outage.	\$100,000	1/19/2016
Tulare County on behalf of county well owners	Tulare	N/A	Project will continue the countywide emergency bottled water program for individual well owners in Tulare County who have been affected by the drought (water outages) and/or have contamination in their water supply well. The County received an additional \$1,455,000 on April 19, 2016 in addition the initial \$500,000 funding from SB103 and subsequent \$750,000 from AB 91 funding awarded to the County for this program.	\$2,205,000	11/2/2015
Cloverdale Mutual Water Company	Ventura	Oxnard	Well design and repair.	\$15,000	9/21/2015
Western Water Conservation on behalf of the Ramona Water Company watersystem	Riverside	Anza	Rehabilitation of Well No. 3	\$15,000	7/3/2015
Golden Valley Unified School District for Sierra View Elementary School	Madera	Madera	Project will install a drinking water well and provide hauled water as an interim solution until the new well is operational. Existing well has gone dry due to the drought.	\$422,583	9/22/2016
Rural Community Assistance Corporation	N/A	N/A	Household and Small Water System Drought Assistance Program	\$1,000,000	6/27/2016
Self-Help Enterprises	N/A	N/A	Household and Small Water System Drought Assistance Program	\$3,500,000	6/27/2016
California Rural Water Association	N/A	N/A	Household and Small Water System Drought Assistance Program	\$500,000	6/27/2016
Adkins Rentals Water System	Fresno	Fresno	Project is for the design and installation of a temporary water tank and hauled water up to 8-months is needed to provide interim emergency drinking water until the permanent solution is in place.	\$50,000	Oral Contract Issued: 4/29/2016
Kings County for the Hardwick Water System	Kings	Hardwick	Project will install a tank to the existing distribution system and purchase hauled water for up to 60 days or until a new well is installed. On 4/29/16 DFA approved an additional \$29,000 for additional hauled water and to cover the cost of the pump and materials.	\$50,000	Oral Contract Issued: 3/18/2016
Sierra View Elementary School	Madera	Madera	Project will purchase and install storage tanks and purchase hauled water due to drought emergency	\$15,000	Oral Contract Issued: 1/8/2016
Fort Bragg	Mendocino	Fort Bragg	Hauled water due to drought emergency.	\$50,000	Oral Contract Issued: 10/30/15
Feather Falls School	Butte	Oroville	Install a temporary tank, plumb it to the school's distribution system via booster pumps, and begin hauling water, as necessary.	\$14,429	Oral Contract Issued: 10/20/15
Dairyland School	Madera	Chowchilla	Pump repair work and bottled water due to a drought emergency that occurred at the end of August.	\$4,000	Oral Contracts Issued: 09/29/15
Sherwood Valley Rancheria	Mendocino	Willits	Project will provide bottled water due to drought.	\$2,000	Oral Contracts Issued: 09/10/15
Madera County Public Works on behalf of the Indian Lakes Water System	Madera	Madera	Hauled Water and Well Repair/ Rehabilitation to address the threatened emergency caused by the drought.	\$50,000	Oral Contracts Issued: 7/29/2015
Mammoth Pool Mobile Home Park	Madera	North Fork	Project consists of hauling water, additional storage capacity and well repairs.	\$11,000	Oral Contracts Issued: 7/10/2015
Bonadelle Ranchos MWC	Madera	Madera	The project will replace the submersible pump in the well and provide bottled water for the customers until the pump can be replaced and the water can be deemed to be safe for domestic use. The Company also plans to lower the pump by approximately 40 feet to ensure an adequate amount of water is available above the pump setting to keep the pump from cavitating .	\$18,000	Oral Contracts Issued: 6/27/2016
Cypress Canyon	Kern	Kern	Hauled Water and Well repair investigation	\$10,000	Oral Contracts Issued: 6/27/2016
EXECUTED AGREEMENTS: ORAL CONTRACTS: PRELIMINARY FUNDING COMMITMENTS: TOTAL (EXECUTED AGREEMENTS + COMMITMENTS + ORAL CONTRACTS): REMAINING:				\$9,080,583 \$274,429 \$0 \$9,355,012 \$5,644,988	

**State Water Resources Control Board Cleanup and Abatement Account (CAA)
2014-2015 SB103 Interim Replacement Drinking Water Program
Funding List - Updated September 2016**

Interim Replacement Drinking Water \$4 Million

Applicant	County	City	Project Description	CAA Funded Cost	Agreement Executed
Executed Agreements To-Date					
Inyo County	Inyo	Tecopa	The funding will be used for a two-step approach. The grant money will provide a temporary supply of bottled water to meet the initial need. The remaining funds will then be used to provide a water vending machine. Residents currently get their water from individual wells. The domestic water sources contain naturally occurring arsenic and fluoride at concentrations exceeding the respective MCLs. Inyo County received an additional \$11,499 in CAA funding.	\$120,321.00	6/26/2014
Souls Mutual Water Company	Tulare	Tulare	The funding will be used to provide approximately 35 residential properties with bottled water for up to 36 months. The supply well is contaminated with nitrate above the Maximum Contaminant Level (MCL).	\$43,200.00	7/15/2014
Tulare County	Tulare	County-Wide	The funding will be used to purchase and distribute emergency bottled water to disadvantaged residents that have contaminated drinking water. The predominant contamination issue is nitrate but different areas also have arsenic, coliform bacteria, uranium, perchlorate, as well as 1,2,3-trichloropropane, and dibromochloropropane above the respective MCLs or other drinking water standards.	\$500,000.00	9/3/2014
Pershing High School	Fresno	Fresno	The funding will be used to provide bottled water to students and staff at Pershing High School. The school's single water supply is contaminated with uranium and nitrate above the respective MCLs.	\$16,900.00	10/3/2014
Allensworth Community Services District	Tulare	Allensworth	The funding will be used to supply bottled water to 152 homes, the school, and the Allensworth State Park (office) for 36 months. The water supply exceeds the MCL for arsenic.	\$242,868.00	10/9/2014
Self Help Enterprises	Fresno	Lanare	The funding will be used to provide bottled water to 151 service connections for up to 33 months. The system's groundwater wells are contaminated with naturally occurring arsenic above the MCL.	\$236,340.00	10/28/2014
Grizzly Lake Community Services District	Plumas	Portola	The funding will be used to evaluate alternative connections from the Delleker water system to the Plumas County Flood Control District's Lake Davis Water Treatment Plant (DWTP). The Delleker water system is contaminated with uranium above the MCL.	\$18,000.00	10/28/2014
Kettleman City Community Services District	Kings	Kettleman City	The funding will be used to provide bottled water to 358 service connections for up to 33 months. The district's groundwater wells are contaminated with naturally occurring arsenic above the MCL.	\$333,033.00	11/3/2014
Tulare County	Tulare	County- Wide	The funding will be used to purchase and distribute emergency bottled water to schools that serve disadvantaged communities and have contaminated drinking water. The predominant contamination issue is one of nitrate but different areas also have arsenic, coliform bacteria, uranium, perchlorate, as well as 1,2,3-trichloropropane and dibromochloropropane (pesticide) above the respective MCLs or other drinking water standards.	\$1,000,000.00	11/6/2014
Self Help Enterprises	Fresno	Orange Center	The funding will be used to provide bottled water to 93 households that rely on individual wells for their drinking water supply; the groundwater exceeds the MCLs for both nitrate and uranium.	\$150,605.00	1/5/2015
Arvin Community Services District	Kern	Arvin	The funding will be used to plan for, install, and operate 3 vending machines at the Arvin Community Services District Office to provide clean drinking water to the approximately 19,000 residents. The District's groundwater wells are impacted by naturally occurring arsenic above the MCL.	\$222,765	3/26/2015
Rural Community Assistance Corporation (RCAC) On behalf Of Arvin CSD	Kern	Arvin	The Funding will be used to provide safe drinking water to the community by installing Point of Use (POU) devices at frequently used locations around the city of Arvin, including schools, parks, and other community facilities. The Arvin CSD uses groundwater wells that are impacted by naturally occurring arsenic above the Maximum Contaminant Level (MCL).	\$439,682	6/9/2015

Oceano Community Services District	San Luis Obispo	Oceano	The funding will be used to rehabilitate one of the District's wells so that it can be put into production and increase the system's reliability for water supply. Several of the District's other wells have been impacted by iron, manganese, and selenium above the respective MCLs and have been taken off-line as a result.	\$121,402	6/26/2015
Leggett Valley Unified School District	Mendocino	Leggett	The funding would be used to implement water treatment system improvements to address detections of Ecoli and/or coliform bacteria in the water supply well. The district has been purchasing bottled water for the past 5 years.	\$234,485	7/21/2015
<p style="text-align: right;">TOTAL (EXECUTED AGREEMENTS + COMMITMENTS): 14 Projects - \$3.68 Million REMAINING: \$0.32 Million</p>					

Interim Replacement Drinking Water \$2 Million (\$2,125,000)					
Applicant	County	City	Project Description	CAA Funded Cost	Agreement Executed
Executed Agreements To-Date					
Sequoia Union School	Tulare	Lemon Cove	The funding will be used to provide bottled water to students and faculty in classrooms, offices, cafeterias, staff rooms, etc for up to 36 months. The two wells providing water to the school are contaminated with nitrate above the MCL.	\$24,930	2/7/2014
Tooleville Mutual Nonprofit Water Association	Tulare	Exeter	The funding will be used to purchase and deliver bottled water to 76 residential homes for up to 36 months. The two wells providing water to the system are contaminated with nitrate above the MCL. Agreement was amended to add an additional \$83,546 in CAA funding.	\$133,538	4/14/2014
Tulare County	Tulare	Seville	The funding will be used to deliver bottled water to approximately 80 homes. Up until recently, residents relied primarily on groundwater that exceeded the MCL for nitrate.	\$45,000	9/3/2014
Beverly-Grand Mutual Water Company	Tulare	Porterville	The funding will be used to distribute bottled water to 28 homes for up to 36 months. The well providing water to the residents exceeds the MCL for nitrate.	\$50,000	9/24/2014
City of Delano	Kern	Delano	The funding will be used for Phase 4 of a pilot study and demonstration project to remove nitrate from groundwater which serves as the City's drinking water supply; the city's well currently exceeds the MCL for nitrate. The goal of the overall project is to determine if biological treatment is a cost-effective sustainable solution.	\$133,620	10/20/2014
Elsinore Valley Water District	Riverside	Lake Elsinore	The funding will be used to supplement a Prop 84 grant providing an emergency intertie for the County Water Company customers to Elsinore Valley Water District. The current water supply is contaminated by nitrate.	\$112,590	10/28/2014
City of Lindsay	Tulare	Lindsay	The funding will be used to provide bottled water to 5 homes impacted by coliform bacteria in one of the city's water supply wells for up to 24 months.	\$16,500	10/29/2014
City of Live Oak	Sutter	Live Oak	The funding will be used to drill test wells at possible suitable sites in order to confirm a future production well site. One of the city's wells was recently taken out of service due to arsenic and nitrate concentrations above their respective MCLs.	\$80,000	11/6/2014
Springfield/Parajo Mesa CSD	Monterey	Royal Oaks	The funding will be used to provide bottled water to 35 connections that are part of the Parajo Mesa CSD and Springfield Water System. The well currently serving the water system is contaminated with nitrate above the MCL.	\$79,164	11/7/2014
East Orosi Community Services District	Tulare	Orosi	The funding will be used to provide bottled water to 105 households that are part of the East Orosi Community Services District. The wells currently serving the water system are contaminated with nitrate above the MCL.	\$199,167	11/17/2014
Yurok Tribe	Humboldt	NA	The funding will be used to provide bottled water to 43 residences located in remote parts of the Yurok Reservation for up to 4 months or until a vending machine is operational. The current water supply is impacted by coliform bacteria and Ecoli. On August 7, 2015, State Water Board Approved an additional \$30,000 to the existing \$32,234 funding to continue and expand the program.	\$62,234	12/11/2014
Yurok Tribe	Humboldt	NA	The funding will be used to install two water vending machines and any associated infrastructure and provide potable hauled water for up to 3 months. The water supply is impacted by coliform bacteria and Ecoli.	\$108,208	2/26/2015
Environmental Justice Coalition for Water (EJCW)	Monterey	various	The funding will be used by the Environmental Justice Coalition for Water to assess communities & their water systems around Springfield Terrace, Moss Landing, and Pajaro areas of the Greater Salinas Valley, to select and implement appropriate interim solutions, including bottled water or POU devices, & to evaluate the effectiveness of these solutions.	\$134,395	4/3/2015
Stockton Baptist Church	San Joaquin	Stockton	The funding will be used to provide bottled water for school children attending the Stockton Baptist School and Noah's Ark Preschool. The current water supply has been impacted by nitrate.	\$10,000	4/29/2015

City of Lindsay	Tulare	Lindsay	The Funding will be used to conduct planning and design for the permanent solution for Well 11 contamination issues.	\$225,000	6/9/2015
Washington Union School	Fresno	Fresno	The funding will be used to lease two Reverse Osmosis (RO) treatment systems at the Washington Union High School Stadium Complex to provide interim potable water to students, faculty, staff, and visitors using the facilities. One of the 3 wells currently providing water to the school is contaminated with the pesticide 1,2-Dibromo-3-chloropropane (DBCP) above the MCL.	\$63,957	6/12/2015
Lassens Pines Mutual Water Company	Shasta	Shasta	The funding would be used to install a water filtration system to address Ecoli and/or coliform in the drinking water supply.	\$150,563	8/12/2015
Self-Help Enterprises on Behalf of Lemon Cove Sanitary District	Tulare	Tulare	The Funding will be used to provide bottled water to 45 residences for up to 30 months due to nitrate contamination above the MCL.	\$81,662	7/1/2016
Preliminary Funding Commitment To-Date (Agreement not yet executed)					
TOTAL (EXECUTIVE AGREEMENTS + COMMITMENTS): 19 Projects (19 Grantee/Applicants) - \$1.71 Million REMAINING: \$.41 Million					

Appendix H

IRWM Project Lists

**TEGRAED REGIONAL WATER MANAGEMENT PLAN
KAWEAH RIVER BASIN REGIONAL WATER MANAGEMENT GROUP**

**TABLE 13-1
CURRENT PROJECTS LIST
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
KAWEAH RIVER BASIN REGIONAL WATER MANAGEMENT GROUP**

Submitting Entity	Project	Project Description	Total Project Cost	Project Status	Date
County of Tulare	Tulare County Well Abandonment Project	Proposes to administer a voluntary compliance program for owner/operators of private wells in high risk areas. This will also involve an education element (will most likely be multiple projects).	\$500,000	KIRWM Approved	(In Adopted Plan)
Tulare Irrigation District	SCADA Modernization Project	Proposes to continue distribution system modifications by installing additional Supervisory Control Acquisition and Data Analysis (SCADA) to increase the efficiency of water delivery.	\$800,000	KIRWM Approved	(In Adopted Plan)
Kaweah Delta Water Conservation District	Demaree Check Structure Modification	Proposes to modify existing structure to improve flood control ability.	\$350,000	KIRWM Approved	(In Adopted Plan)
Kaweah Delta Water Conservation District	Construct New Groundwater Monitoring Wells	Proposes to identify areas within the existing monitoring well network that are lacking proper coverage and construct monitoring wells in those voids to improve the evaluation of groundwater conditions.	\$500,000	KIRWM Approved	(In Adopted Plan)
Ivanhoe Public Utility District	Construct New Drinking Water Well #9	Proposes the drilling, casing and installation of appurtenances to develop groundwater from the underlying groundwater reservoir to compensate for wells lost for constituents above MCLs.	\$750,000	KIRWM Approved	(In Adopted Plan)
City of Lindsay	Well Head Treatment Project	Proposes to reduce electrical conductivity at a well site.	?	KIRWM Approved	(In Adopted Plan)
City of Lindsay	Reclaimed Water Use Project	Proposes to extend the "Well Head Treatment Project" to utilize treated water as a surface water supply for agricultural.	?	KIRWM Approved	(In Adopted Plan)
City of Lindsay	Canal Storage/Cross Exchange Project	Proposes to improve year to year water supply reliability to the City by initiating either storage or a water exchange.	?	KIRWM Approved	(In Adopted Plan)
City of Visalia		Interconnection of existing storm water basins, parks and school turf to surface water ditch distribution system.	\$2,500,000	KIRWM Approved	(In Adopted Plan)
City of Visalia		Enhanced water conservation program: Alternative landscape (xeriscape), grey water reuse, low flow toilets, etc.	\$1,250,000	KIRWM Approved	(In Adopted Plan)
City of Visalia		Investigation/construction of groundwater recharge sites in and around the City.	\$4,125,000	KIRWM Approved	(In Adopted Plan)
City of Visalia		Investigation of effective recharge rates for various waterways traversing the City including existing storm water basins.	\$350,000	KIRWM Approved	(In Adopted Plan)

Tier I Project Prioritization List

Form # *	Subregion	Project Applicant	Title **	Tier 1 Score (1)	Subregion Top 5	Priority	DWR PIF Submitted
CK-2	County of Kern	County of Kern	Caliente Creek Habitat Restoration & GW Recharge	18	Y	High	Yes
CK-1	County of Kern	County of Kern	South Shafter Sewer	9	Y	High	Yes
CK-3	County of Kern	County of Kern	Lakeshore Pines Leachfield Replacement	3	Y	High	Yes
GB-8	Greater Bakersfield	City of Bakersfield	River Canal Weir Restoration and Expansion Project	42	Y	High	Yes
GB-7	Greater Bakersfield	Kern Delta Water District	Kern Delta / ID4 Cross River Pipeline	26	Y	High	
GB-2	Greater Bakersfield	Improvement District No. 4	Beardsley Pipeline	22	Y	High	
GB-9	Greater Bakersfield	City of Bakersfield	Cross Valley Canal Extension Lining Project -- Pool No. 8	24	Y	High	Yes
GB-1	Greater Bakersfield	Improvement District No. 4	Recharge Improvement Project	19	Y	High	
GB-3	Greater Bakersfield	Improvement District No. 4	CVC Extension Lining Project	17	Y	High	
GB-4	Greater Bakersfield	Improvement District No. 4	Groundwater Monitoring Wells	16	N	Low	
GB-6	Greater Bakersfield	Improvement District No. 4	Surface Water Quality Monitoring Stations	10	N	Low	
GB-5	Greater Bakersfield	City of Bakersfield	Water Conservation Project for Metropolitan Bakersfield				Yes
WA-1	KCWA	Kern County Water Agency	Biodenitrification of Groundwater Pilot Program	24	Y	Removed at	
WA-2	KCWA	Kern County Water Agency	Photovoltaic Arrays	21	Y	Request of	
WA-3	KCWA	Kern County Water Agency	Well head Arsenic Treatment	23	Y	KCWA	
KF-5	Kern Fan	Buena Vista Water Storage District	Groundwater Recharge and Recovery Project	36	Y	High	
KF-14	Kern Fan	Rosedale Rio-Bravo WSD	James Groundwater Storage and Recovery Project	33	Y	High	Yes
KF-1	Kern Fan	Kern Water Bank Authority	Kern Water Bank Recharge and Recovery Enhancement Project	28	Y	High	Yes
KF-3	Kern Fan	Buena Vista Water Storage District	Brackish Groundwater Remediation Project	27	Y	High	
KF-15	County of Kern	Rosedale Rio-Bravo WSD	Western Rosedale In-Lieu Service Area Project	22	Y	High	
KF-2	Kern Fan	Kern Water Bank Authority	Kern Water Bank Short-Term Storage Program	21			
KF-4	Kern Fan	Buena Vista Water Storage District	Conservation Easement Water Acquisition and Management Project	20			
KF-11	Kern Fan	Buena Vista Water Storage District	Northern Improvement Project	19	N	Low	
KF-10	Kern Fan	Buena Vista Water Storage District	On-Farm Water Use Efficiency	18	N	Low	

Tier I Project Prioritization List

Form # *	Subregion	Project Applicant	Title **	Tier 1 Score (1)	Subregion Top 5	Priority	DWR PIF Submitted
KR-2	Kern River Valley	Tubatulabal Tribal Water Board	Phase II Safe Drinking Water and Tribal Allotments Community Water System	48	Y	High	
KR-4	Kern River Valley	Desert Mountain Resources Conservation and Development Council	Eradication of Invasive Weeds in the Kern River Valley and Walker Basin	47	Y	High	
KR-3	Kern River Valley	Tubatulabal Tribal Water Board	Phase II Safe Drinking Water and Community Use Area - White Blanket Allotment	38	Y	High	
KR-6	Kern River Valley	Self-Help Enterprises	Weldon Regional Water Project	34	Y	High	Yes
KR-5	Kern River Valley	County of Kern	Tradewinds Auxiliary Well or Uranium Treatment	30	Y	High	
MF-8	Mountains/Foothills	Tehachapi-Cummings County Water District	Cummings Basin Westerly Recharge Project - New Phase	31	Y	High	Yes
MF-1	Mountains/Foothills	County of Kern	GHSC Force Main Project	27	Y	High	
MF-7	Mountains/Foothills	Golden Hills Community Services District	Groundwater Conjunctive Use Project - Phase 2	26	Y	High	
MF-4	Mountains/Foothills	Bear Valley Community Services District	Radio Nuclides Treatment Project	23	Y	High	
MF-6	Mountains/Foothills	Frazier Park Public Utility District	Cuddy Valley Water Supply Evaluation	20	Y	High	
MF-2	Mountains/Foothills	Tehachapi-Cummings County Water District	Tehachapi Regional Water Conservation Program	36		Fully Funded	
MF-3	Mountains/Foothills	Tehachapi-Cummings County Water District	Public Facility Distribution Line and Nitrate Removal Program	41		Fully Funded	
	Mountains/Foothills	Frazier Park Public Utility District	Well Replacement		N	Removed	
NC-2	North County	City of McFarland	Browning Road Storage Tank and Booster Facility	37	Y	High	
NC-1	North County	City of Shafter	Well No. 15	27	Y	High	
WS-2	Westside	Berrenda Mesa Water District	Westside Districts' Groundwater Banking Project	25	Y	High	
WS-3	Westside	Berrenda Mesa Water District	Lost Hills Surface Water Treatment Plant	19	Y	High	
WS-4	Westside	Lost Hills Utility District	Construction of a New Well to Provide a Firm Water Supply to the LHUD Users	17	Y	High	
WS-1	Westside	Lost Hills Water District	Regional Brackish Water Treatment Project	13	Y	High	
WS-5	Westside	Lost Hills Utility District	Storage Tank Rehabilitation to the LHUD 2.0 MG Storage Tank	11	Y	High	
WS-6	Westside	City of Taft	Storm Drain and Floodplain Basin Project	8	N	Low	
WS-8	Westside	Tulare Basin Wildlife Partners	Buena Vista Lake-Kern Lake Conservation Plan and DFG CAPP	8	N	Low	
WS-7	Westside	City of Maricopa	Maricopa Wastewater Project	6	N	Low	

Tier I Project Prioritization List

Form # *	Subregion	Project Applicant	Title **	Tier 1 Score (1)	Subregion Top 5	Priority	DWR PIF Submitted
SC-22	South County	Arvin-Edison Water Storage District	Forrest Frick Pipeline and KDWD Eastside Canal Intertie	73	Y	High	Yes
SC-24	South County	Arvin-Edison Water Storage District	Eastside Spreading Works	64	Y	High	Yes
SC-1	South County	Arvin-Edison Water Storage District/Kern Delta Water District	AEWSD Intake Canal and Kern Delta Buena Vista River Canal Intertie Project	61	Y	High	Yes
SC-3	South County	Wheeler Ridge-Maricopa Water Storage District	Groundwater Storage and Recover in White Wolf Basin	43	Y	High	
SC-5	South County	Mettler County Water District	Mettler Groundwater Protection Project	38	Y	High	
SC-23	South County	Arvin-Edison Water Storage District	North In-Lieu Project -- Phase II	33		Moderate	Yes
SC-20	South County	Athal Mutual Water Company	Athal Waterline Replacement and Meter Project	26		Moderate	Yes
SC-21	South County	City of Arvin	Sycamore Drainage Project Phase 2: Walnut Creek and Comanche Lines	24		Moderate	Yes
SC-14	South County	Lamont Public Utilities District	Renovation of Belowground Storage Reservoir	20	N	Low	
SC-15	South County	Arvin Community Services District	Arsenic Mitigation Project	16	N	Low	
SC-13	South County	Lamont Public Utilities District	Water Quality Improvement Project for Well No. 16	14	N	Low	
SC-12	South County	Lamont Public Utilities District	Well No. 19 Arsenic Reduction Blending Project	12	N	Low	
SC-6	South County	Wheeler Ridge-Maricopa Water Storage District	Solar Power Generation	3	N	Low	
SC-16	South County	Mettler County Water District	Mettler Well No. 4 Project				
SC-19	South County	Arvin-Edison Water Storage District	Forrest Frick Pumping Plant Valve Replacement				
SC-17	South County	Arvin-Edison Water Storage District	Balancing Reservoir Well Discharge Pipeline				
SC-18	South County	Arvin-Edison Water Storage District	Groundwater Metering Project				
SC-4	South County	Arvin-Edison Water Storage District	Wasteway Basin Improvement Project				
SC-9	South County	Arvin-Edison Water Storage District	Lateral Capacity Improvement Project				
SC-7	South County	Arvin-Edison Water Storage District	Forrest Frick Rehabilitation Project				
SC-8	South County	Arvin-Edison Water Storage District	In-Lieu Banking Program				
SC-11	South County	Arvin-Edison Water Storage District	Improved Stormwater Management and Flood Control				
SC-10	South County	Arvin-Edison Water Storage District	South Canal Balancing Reservoir				
SC-2	South County	City of Arvin	Sycamore Drainage Facilities				

* Yellow highlight indicates a new/updated Project Form for 2015

** Red text indicates project was funded in prior IRWM funding round

				Tier 2 Prioritization						2019 Implementation Grant							
Form #	Subregion	Project Applicant	Title	Tier 2 Score	Project Cost Low	Project Cost High	Project Scale	Cost Share	Benefits*	PIF	Benefit DAC	AB1249 Contam.	Human Right to Water	Eligible	Max. Project Cost	Max. Grant Request	Cummulative Grant Request
GB-9	Greater Bakersfield	Kern County Water Agency - Improvement District No. 4	Cross Valley Canal Lining Project - Pool No. 8	33	\$ -	\$ 4,543,100	N	50%	WS, Habitat Energy/GHG, Delta	Y	N	N	N	Y	\$ 5,031,081	\$ 2,515,541	\$ 2,515,541
KF-1	Kern Fan	Kern Water Bank Authority	Kern Water Bank Recharge and Recovery Enhancement Project	31	\$ -	\$ 12,219,000	Y?	75%	WS, Habitat, Energy/GHG, Delta, FC	Y	N	N	N	Y	\$ 13,531,461	\$ 3,382,865	\$ 5,898,406
KF-14	Kern Fan	Rosedale-Rio Bravo Water Storage District	James Groundwater Storage and Recovery Project	31	\$ 7,000,000	\$ 60,000,000	Y	50%	WS, Habitat, Energy/GHG, Delta, FC	Y	N	N	N	Y	\$ 7,751,880	\$ 3,875,940	\$ 9,774,346
SC-1	South County	Arvin-Edison Water Storage District/Kern Delta Water District	AEWSD Intake Canal and Kern Delta Buena Vista River Canal Intertie Project	30	\$ -	\$ 1,410,000	?	50%	WS, WQ	Y	N	N	N	Y	\$ 1,561,450	\$ 780,725	\$ 10,555,071
KR-6	Kern River Valley	Self-Help Enterprises/Rainbird Valley Mutual WC	Weldon Regional Water Project-Land Acquisition	30	\$ -	\$ 350,000	N	DAC	WQ, WS	Y	Y, Direct	Y	Y	Y	\$ 461,240	\$ 461,240	\$ 11,016,311
SC-20	South County	Athal Mututal Water Company	Athal Waterline Replacement and Meter Project	29	\$ -	\$ 553,000	?	DAC	WS, WQ, Energy/GHG	Y	Y, Direct	N	Y	Y	\$ 728,760	\$ 728,760	\$ 11,745,071
MF-8	Mountains	TCCWD	Cummings Westerly Recharge Project	29	\$ 1,500,000	\$ 1,750,000	?	50%	WS, Habitat, Energy/GHG, Delta	Y	N	N	N	Y	\$ 1,937,970	\$ 968,985	\$ 12,714,056
GB-5	Greater Bakersfield	City of Bakersfield	Water Conservation Project for Metropolitan Bakersfield	33	\$ -	\$ 100,000	Y	50%	WS, Energy/GHG, Delta	Y	?						
CK-2	County of Kern	County of Kern	Caliente Creek Habitat Restoration & GW Recharge	28	\$ -	\$ 1,780,000		10%	WS, FC, Habitat	Y	Direct			CEQA?			
GB-8	Greater Bakersfield	City of Bakersfield	River Canal Weir Restoration and Expansion Project	28	\$ 3,000,000	\$ 5,000,000		50%	WS	Y	N	N	N	Permits?			
SC-22	South County	Arvin-Edison Water Storage District	Forrest Frick Pipeline and KDWD Eastside Canal Intertie	28	\$ 500,000	\$ 1,500,000	Y	50%	WS	Y	N	N	N	CEQA?			
SC-24	South County	Arvin-Edison Water Storage District	Eastside Spreading Works	28	\$ -	\$ 7,330,000		50%	WS, Habitat	Y	Y, Indirect	Y, Indirect	N	CEQA?			
SC-23	South County	Arvin-Edison Water Storage District	AEWSD North In-Lieu Project-Phase 2	27	\$ -	\$ 3,100,000		50%	WS, WQ	Y	Y, Indirect	Y, Indirect	N	CEQA?			
CK-1	County of Kern	County of Kern	South Shafter Sewer	26	\$ -	\$ 3,397,320	?		WQ	Y	Direct	Y	Y	Y			
SC-21	South County	City of Arvin	Sycamore Drainage Project Phase 2: Walnut and Comanche Lines	26	\$ -	\$ 2,915,380	?	DAC	FC	Y	Y, Direct	N	N	Y			
CK-3	County of Kern	County of Kern	Lakeshore Pines Leachfield Replacement	24	\$ -	\$ 641,916			WQ	Y		Y?					

* WS = Water Supply, WQ = Water Quality, GHG = Greenhouse Gases, FC = Flood Control



KINGS BASIN IRWMP PROJECT LIST

Adopted 3-20-2019
Updated 7-30-2019

Halt, and ultimately reverse, the current overdraft and provide for sustainable management of surface and groundwater
Increase the water supply reliability, enhance operational flexibility, and reduce system constraints
Improve and protect water quality
Provide additional flood protection
Protect and enhance aquatic ecosystems and wildlife habitat
Increase amount of groundwater in storage with intent to eliminate the groundwater overdraft in 20 years
Identify opportunities and Projects
Identify DAC priority needs and promote/support solutions to DAC water issues
Increase average annual supply and reduce demand
Increase dry year supply
Increase regional conveyance capacity
Complete baseline water quality data for ground & surface water
Encourage Best Management Practices, policies & education that protect water quality
Identify sources of water quality problems & promote/support solutions to improve water quality
Increase surface storage
Sustain the Kings River Fisheries Management Program
Pursue opportunities to incorporate habitat benefits into projects
Increase public awareness of IRWM Efforts
Involve local water districts and land use agencies in generating and confirming the current and future water needs to ensure compatibility and consistency with land use and water supply plans
Comply with SBx7-7
Pursue opportunities to include project elements that reduce energy consumption, reduce greenhouse gas emissions, use renewable resources or include carbon sequestration strategies

Project ID	Member/IP Organization	Project Title	Project Status	RG1	RG2	RG3	RG4	RG5	MO1	MO2	MO3	MO4	MO5	MO6	MO7	MO8	MO9	MO10	MO11	MO12	MO13	MO14	MO15	MO16
2	Bakman Water Company	SCADA system for wells improved groundwater management, operations, supply reliability & conservation	Planning	S	P	S			S		P	S	S				S						S	
4	City of Clovis	City of Clovis, Water Intertie (North)	Preliminary Design	S	P				S			S	S	P										
6	City of Clovis	Clovis Harlan Recycled Water Extension	Preliminary Design	P	S				P			S	S											
7	City of Clovis	Tarpey Village Metering Project	Planning	P	S				P			S	S								S			
8	City of Dinuba	Dinuba Reclamation Conservation & Recreation (RCR) Project	Preliminary Design	P	S	S		S	P			S			S	S	S	S		S		S		
11	City of Fresno/Water Division	Nielsen Recharge Facility	Preliminary Design	P	S	S	S		P		S	S	S					S						
12	City of Fresno/Water Division	Three Reclamation Water Wells at the Fresno/Clovis Regional Wastewater Reclamation Facility	Preliminary Design	P	S	S			P		S	S	S											
15	City of Fresno/Water Division	Tertiary Treatment at Fresno/Clovis Regional Reclamation Facility	Ready For Construction	P	S	S			P		S	S	S											
16	City of Fresno/Water Division	Northwest Fresno Regional Recharge Facility	Preliminary Design	P	S	S	S		P		S	S	S					S						
17	City of Fresno/Water Division	Southeast Fresno Stormwater Detention, Greenbelt and Environmental Habitat Restoration Area	Conceptual	S	P	S	S	S	P		S	S	S	S		S		S		S				
18	City of Fresno/Water Division	Regional Groundwater Banking Facility	Planning	P	S	S	S		P		S	S	S											
19	City of Fresno/Water Division	Southeast Surface Water Treatment Facility	Preliminary Design	P	S	S	S		P		S	S	S	S		S								
20	City of Fresno/Water Division	Southeast Fresno Regional Recharge Facility	Planning	P	S	S	S		P		S	S	S					S						
21	City of Fresno/Water Division	Southwest Fresno Regional Recharge Facility	Planning	P	S	S	S		P		S	S	S					S						
22	City of Fresno/Water Division	Northeast Fresno Recycled Water Transmission Pipeline and Reclamation Facility Supply Pipeline	Conceptual	P	S	S			P			S	S											
24	City of Fresno/Water Division	Sunnyside Area Sewer Conversion	Conceptual		S	P							S				P							
25	City of Fresno/Water Division	Fort Washington Sewer Conversion	Conceptual		S	P							S				P							
27	City of Parlier	Parlier Water Storage Project	Planning & Preliminary Design	S	P				P									S						
33	City of Selma	Storm Drain Storage/Recharge Project	Conceptual		P				S	P					S									
35	Consolidated Irrigation District	Ward Drainage Canal Capacity Enlargement and Recharge Project	Conceptual	P	S	S	S	S	P			S	S	S				S	S					
36	Consolidated Irrigation District	Recharge Pond Near Kingsburg/Selma Branch Canal Divide	Planning	P	S	S	S	S	P			S	S					S	S					
37	Consolidated Irrigation District	Fowler Switch Capacity Improvement Project	Conceptual	S	P		S		S					P										
38	Consolidated Irrigation District	Fowler Switch / C&K Canal Intertie Project	Planning	S	P		S		S					P										
39	Consolidated Irrigation District	Recharge Pond off Kingsburg Branch Canal	Planning	P	S	S	S	S	P			S	S					S	S					
40	Consolidated Irrigation District	Recharge Pond off Ward Drainage Canal	Conceptual	P	S	S	S	S	P			S	S					S	S					
41	Consolidated Irrigation District	Recharge Pond off Cole Slough Canal	Conceptual	P	S	S	S	S	P			S	S					S	S					
42	Consolidated Irrigation District	Westside Banking Facility	Planning	P	S	S	S	S	P			S	S					S	S					
43	Consolidated Irrigation District	C&K Canal Capacity Improvement Project	Conceptual	S	P		S		S					P										
44	Consolidated Irrigation District	Santa Fe Pond Enlargement	Conceptual	P	S	S	S	S	P			S	S					S	S					
54	County of Fresno	CSA 43 Raisin City Sewer Feasibility Study	Conceptual & Planning			P					P						S							
61	Easton Community Services District	Easton Safe Drinking Water Feasibility Study Project	Conceptual		S	P				S	P					S	S				S			
65	Fresno Irrigation District	FID Measurement and Metering Project	Preliminary Design	P	S				S			S				S					S		P	
68	Fresno Irrigation District	Oleander Basin Banking Project	Planning	P	S				S			S	P		S									
71	Fresno Irrigation District	Eastside Streams Improvement Project	Conceptual		P		S	S	S				P											
72	Fresno Irrigation District	Big Dry Creek Recharge Project	Planning	P	S		S	S	P			S		S				S						
73	Fresno Metropolitan Flood Control District	Dry Creek Improvement Project	Grant awarded, project under construction	S		S	P	S	S			S	S	S			S	P		S				
76	Fresno State University	Developing a Model GWMP of Integrated, All-in-One Strategy for Conservation, Groundwater, and Wastewater Management	Conceptual	P	S	S							S			P	S				S			
77	Fresno State University	Experiment Using Non-Potable Water as an Alternative to Potable Groundwater or Surface Water in Cooling Towers and then Re-cycling that Water for Crop Production	Conceptual	S	P	S										P	S							
100	Kings River Conservancy	The Kings Ribbon of Gems - Sanger Kings River Park and River Access	Preliminary Design			S		P									P		S					
106	Kings River Conservation District	Kings River Levee Evaluation	Ready For Construction		S		P			P				S										
107	Kings River Conservation District	Kings River Levee Critical Repairs	Planning		S		P				P			S										
108	Kings River Conservation District	North Fork Channel Recharge Project - Site 16	Conceptual	P	S	S	S	P	P			S	S	S										
116	Kings River Conservation District	McMullin Recharge Project - Site #1	Planning	P	S	S	S	P	P			S	S	S										
117	Kings River Conservation District	Kings River North Fork Flood Protection and Wildlife Enhancement Project	Preliminary Design		S		P				P			S										
120	London Community Services District	London Water Conservation Project	Ready For Construction	P	S	S			P		S	S											S	
124	County of Tulare	Yettem-Button Ditch Flood Control Project	Conceptual				P			S	P			S										
125	Sultana Community Services District	Sultana Safe Drinking Water Feasibility Study Project	Planning		S	P				S	P						S							
126	County of Tulare	Juvenile Detention Facility - Cottonwood Creek (JDF Complex)	Ready For Construction	S	S	S	P	S	S	S	S	P	S	S	S	S	S	S	S	S	S	S	S	
127	City of Kerman	City of Kerman Median Landscaping Renovation Project	Preliminary Design	P	S				P			S											S	
128	City of Kerman	City of Kerman Water Meter Project, Phase 4	Preliminary Design	P	S				P			S				S							S	
129	City of Orange Cove	City of Orange Cove Water System Feasibility Study	Planning		P						P							S						
130	City of San Joaquin	Recycled Water Upgrade to Wastewater System	Ready For Construction		P	S					S	S	S			S								

P = Primary
S = Secondary



KINGS BASIN IRWMP PROJECT LIST

Adopted 3-20-2019
Updated 7-30-2019

Halt, and ultimately reverse, the current overdraft and provide for sustainable management of surface and groundwater	Increase the water supply reliability, enhance operational flexibility, and reduce system constraints	Improve and protect water quality	Provide additional flood protection	Protect and enhance aquatic ecosystems and wildlife habitat	Increase amount of groundwater in storage with intent to eliminate the groundwater overdraft in 20 years	Identify opportunities and Projects	Identify DAC priority needs and promote/support solutions to DAC water issues	Increase average annual supply and reduce demand	Increase dry year supply	Increase regional conveyance capacity	Complete baseline water quality data for ground & surface water	Encourage Best Management Practices, policies & education that protect water quality	Identify sources of water quality problems & promote/support solutions to improve water quality	Increase surface storage	Sustain the Kings River Fisheries Management Program	Pursue opportunities to incorporate habitat benefits into projects	Increase public awareness of IRWM Efforts	Involve local water districts and land use agencies in generating and confirming the current and future water needs to ensure compatibility and consistency with land use and water supply plans	Comply with SBx7-7	Pursue opportunities to include project elements that reduce energy consumption, reduce greenhouse gas emissions, use renewable resources or include carbon sequestration strategies
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Project ID	Member/IP Organization	Project Title	Project Status	RG1	RG2	RG3	RG4	RG5	MO1	MO2	MO3	MO4	MO5	MO6	MO7	MO8	MO9	MO10	MO11	MO12	MO13	MO14	MO15	MO16
131	City of San Joaquin	City of San Joaquin Water Storage Tank	Preliminary Design	S	P				P	S	S		S			S		S			S		S	
132	East Orosi Community Services District	East Orosi Water Conservation and Meter Project	Preliminary Design	P	S	S			P		S	S					S						S	
133	Fresno Metropolitan Flood Control District	Regional Groundwater Recharge and Surface Water Reuse Project	Preliminary Design	P	S	S	S	S	P			S	S	S			S	S		S				
134	Malaga County Water District	Malaga County Water District Water Supply Conservation Project	Ready For Construction	P	S	S			P	S	S	S	S			S					S		S	
135	Sultana Community Services District	Sultana Water Conservation and Meter Project	Preliminary Desgin	P	S	S			P		S	S					S				S		S	
136	Hardwick Water Company	Hardwick Water Distribution System Replacement and Hookup Project	Preliminary Design		P	S				S	P						S							
137	Kings River Conservation District	Coehlo and Gagnani Wetlands Recharge Project	Planning	P	S	S	S	S	P	S		S	S			S		S		S				
138	Alta Irrigation District / City of Reedley	The Reedley Pond Project	Planning	P	S	S	S	S	P		S	S	S	S			S		S	S	S	S	S	
139	Fresno Irrigation District	Fancher Creek Storage Project	Conceptual	S	P		S	S	S			S						P						
140	City of Clovis	Clovis North Recharge Facility	Planning	P	S	S	S		P			S	S					S						
141	City of Fresno/Water Division	Kings River Pipeline	Preliminary Desgin	P	S	S			P			S	S											
142	City of Fresno/Water Division	Friant-Kern Canal Pipeline	Preliminary Design		P	S			P															
143	City of Fresno/Water Division	Finished Water Transmission Mains (Phase 2)	Preliminary Design	P	S	S			P			S	S											
144	Terranova Ranch / Kings River Conservation District	McMullin On-Farm Flood Capture Project, Phases 2 and 3	Planning	P	S	S	S		P		S	S	S			S					S	S		
145	James Irrigation District	Distributed Recharge Basin Project	Planning	P	S	S	S	S	P	S		S	S	S						S	S	S	S	
146	James Irrigation District	James Bypass Floodwater Utilization Project	Planning	P	S	S	S	S	P	S		S	S	S						S	S	S	S	
147	James Irrigation District	Lassen Avenue Floodwater Utilization Project	Planning	P	S	S	S	S	P	S		S	S	S						S	S	S	S	
148	James Irrigation District	McMullin Grade Floodwater Utilization Project	Planning	P	S	S	S	S	P	S		S	S	S						S	S	S	S	
149	James Irrigation District	McMullin Master Plan Project	Preliminary Design	P	S	S	S	S	P	S		S	S	S	S	S	S	S		S	S	S	S	
150	Raisin City Water District	Grantland Recharge Project	Planning	P	S	S	S		P		S	S	S		S			S		S				
151	City of Orange Cove	Orange Cove Storm Water Planning Study	Conceptual	S			P			P	S													
152	City of Reedley	Reedley Retention Basin Project	Preliminary Design	P	S		S	S	P				S					S						
153	City of Selma	Rockwell Pond Groundwater Recharge Project	Conceptual	P	S			S	P						S		S							
154	Laguna Irrigation District	Mussel Slough Ranch Recharge Project	Conceptual	P	S	S	S	S	P		S	S	S		S	S				S		S		
155	Laguna Irrigation District	Basin 11 Expansion Project	Ready for Construction	P	S	S	S	S	P		S	S	S	S	S					S		S		
156	Laguna Irrigation District	Pires Recharge Project	Planning	P	S	S	S	S	P		S	S	S		S	S				S		S		
157	North Fork Kings GSA	Terra Linda Farms Recharge Project	Ready For Construction	P	S	S	S	S	P		S	S	S		S	S				S		S		
158	Laguna Irrigation District	Beeler Recharge Project	Conceptual	P	S	S	S	S	P		S	S	S		S	S				S		S		
159	Liberty Water District	Fresno County Elkhorn Property Recharge Project	Planning	P	S	S	S		P		S	S	S		S	S				S		S		
160	Mid-Valley Water District	Mid-Valley Water District James Bypass Surface Water Supply and Recharge Project	Planning	P	S	S	S		P		S	S	S		S					S		S		
161	Raisin City Water District	Raisin City Water District Stinson North Canal Water Supply and Recharge Project	Comceptual	P	S	S	S		P		S	S	S	S	S					S		S		
162	County of Tulare	Sultana Area Stormwater Project	Conceptual	S	S		P		S		P													
163	Fresno Irrigation District	Wagner Recharge Basin	Preliminary Design	P	S	S	S	S	P			S	S	S	S			S	S					
164	Fresno Metropolitan Flood Control District	Basin "CE" Pump Station - Regional Groundwater Recharge Project	Preliminary Design	P	S	S	P	S	P			S	S	S			S							
165	Fresno Metropolitan Flood Control District	Basin "CF" Pump Station - Regional Groundwater Recharge Project	Preliminary Design	P	S	S	P	S	P			S	S	S			S							
166	Fresno Metropolitan Flood Control District	Basin "SS" Pump Station - Regional Groundwater Recharge Project	Preliminary Design	P	S	S	P	S	P			S	S	S			S							
167	Laguna Irrigation District	Laton North Recharge Project	Ready for Construction	P	S	S	S	S	P		S	S	S		S	S				S		S		
168	County of Fresno	County of Fresno Domestic Well Destruction and Sampling Program	Ready For Construction		S	P				S	S				S	P	S				S	S		
169	County of Fresno	Central Fresno County Flood Mitigation Project	Conceptual	S	S		P		S		P													
170	City of San Joaquin	Storm Drain Improvements at 9th and 6th Streets	Conceptual				P			S	P										S			
171	City of San Joaquin	Storm Pump Station Rehab & Basin Upgrades	Conceptual	S		S	P		P	S	S					S					S			
172	County of Tulare	Traver Stormwater Project	Conceptual	S	S		P		S		P													

Poso Creek IRWM Project and Program Report List

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
1	L	2009	North Kern and Semitropic System Interconnection	Project	Conveyance Improvements	Semitropic WSD	C, E, K, L	
2	C	2012	On-Farm Mobile Lab, Water Efficiency Services	Project	Water Conservation	North West Kern RCD	C, E, K, L, P	\$ 236,400
3	C/N	2012	NRCS On-Farm Programs for Water Quality and Supply Conservation	Program	Water Conservation	Poso Creek IRWM Group	C, E, G, K, L, P	
4	C	2013	Demand Reduction/Land Retirement	Program	Water Conservation	Semitropic WSD	I, K, L, P	
5	N	2014	Enhance Groundwater Monitoring and/or Modeling	Program	Non-Structural Enhancement to Regional Water Management	Poso Creek IRWM Group	F, G, K, L, M, N	
6	N	2014	Stormwater Improvement in McFarland	Project	Assist Economically-Disadvantaged Communities (Enhance Flood Control)	City of McFarland	H, J, K, L	
7	N	2014	Semitropic Groundwater Model Update	Program	Assess Groundwater Uses in Region	Semitropic WSD	B, F, K, L, M, N	\$ 300,000
8	N/L	2014	Calloway Canal Improvements: 8-1 Pumping Plant Connection to Friant-Kern Canal	Project	Modify Water Conveyance Systems	North Kern WSD	C, E, G, H, K, L	
9	N	2014	Regional Groundwater Assessment	Program	Assess Groundwater Uses in Region	Poso Creek IRWM Group, Kern Groundwater	B, F, K, L, M, N	
10	N	2015	Tulare Lake Floodwater Storage and Recovery Project	Project	Temporary Water Storage	Semitropic WSD	A, C, D, E, G, H, I, L	\$ 252,970,991
11	N	2015	Delano Recycled-water Wetland Enhancement Project (DRWEP)	Project	Water Supply / Reuse	City of Delano	A, B, C, D, E	\$ 2,493,000
12	L	2015	Kern-Tulare Reuse of Oil Field Produced Water	Project	Water Supply / Reuse	Kern-Tulare Water District	B, C, D, F	

1 See Figure 5.1 for locations around region, labeled according to 'Map No.'

2 Status based on activity readiness for implementation, see description page for letters.

3 Anticipated year(s) of implementation or planning/preliminary design.

Poso Creek IRWM Project and Program Report List

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
13	N	2015	New Well No. 3	Project	Water Supply / Reuse	Lost Hills Utility District City of McFarland	D, F, J, K, L	\$ 1,378,250
14	N	2015	Browning Road Reservoir - 1.0 million gallon Welded Steel Reservoir, Booster Pump Station, and System Intertie	Project	Conveyance Improvements		B, F, K	\$ 2,037,500

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
15	N	2016	Schuster Spreading Grounds	Project	Recharge & Recovery Facility	Semitropic WSD	C, D, E, H, K, L, O	\$ 875,000
16	N	2016	Shafter-Wasco Irrigation	Project	Recharge & Recovery Facility	Shafter-Wasco	C, D, E, H, K, L, O	\$ 5,840,179
17	L	2016	District Recharge Project In District Banking Projects	Project	Recharge & Recovery Facility	Irrigation District Southern San Joaquin Municipal	C, D, E, H, K, L, O	
18	L	2016	Out-of District Banking Projects	Project	Recharge & Recovery Facility	Utility District Southern San Joaquin Municipal	C, D, E, H, K, L, O	
19	C/N	2006-2014+	Oilfield Produced Water Supplies	Project	Alternative Water Supply to Reduce Dependence on Traditional Supplies	North Kern WSD	A, C, E, G, K, L	
20	N	2010+	Water Meter Installation in Wasco	Project	DAC Assistance	City of Wasco	J, K, L, P	
21	N	2012-2020	Stored Water Recovery Unit	Project	Expand In-Lieu Service Areas	Semitropic WSD	A, C, D, E, F, G, K, L	\$ 32,000,000
22	N	2013-2016	GW-Banking (North of DEID with Pixley ID)	Project	Expand Direct Recharge Facilities	Delano-Earlimart ID	C, D, E, F, G, H, K, L, O	\$ 37,000,000
23	N	2013-2016	Modified Shafter- Wasco/Semitropic Intertie on Madera Ave.	Project	Modify Water Conveyance Systems	Semitropic WSD, Shafter-Wasco ID	C, D, E, F, G, H, K, L	\$ 11,000,000
24	L	2014+	Connect Friant-Kern Canal Turnout to Cawelo's North System	Project	Expand In-Lieu Service Areas	Cawelo WD	C, D, E, K, L	
25	L	2014+	Cecil Avenue Pipeline	Project	Modify Water Conveyance Systems	Kern-Tulare WD	C, D, E, K, L	\$ 8,500,000
26	L	2014+	Capacity Expansion G-W Banking Conveyance Improvements to North Kern WSD Recharge and Recovery	Project	Expand Recharge & Recovery Facilities	North Kern WSD	C, D, E, F, G, H, K, L, O	
27	L	2014+	Phase II: Pond Poso Spreading and Recovery Facility	Project	Expand Direct Recharge Facilities	Semitropic WSD	C, D, E, F, G, H, K, L, O	

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
28	L	2014+	Pond-Poso Entrance Ponds	Project	Expand Direct Recharge Facilities	Semitropic WSD	C, D, E, F, G, H, K, L, O	
29	L	2014+	Calloway Canal Improvements: Calloway Canal to Friant Kern Canal	Project	Modify Water Conveyance Systems	Delano-Earlimart ID	C, E, G, H, K, L	
30	L	2014+	Calloway Canal Improvements: Siphon at CVC to Calloway Intertie	Project	Modify Water Conveyance Systems	North Kern WSD	C, E, G, H, K, L	\$ 2,000,000
31	L	2014+	Multi-District Conveyance Facility (CA Aqueduct to Friant-Kern Canal)	Project	Modify Water Conveyance Systems	Semitropic WSD	A, C, D, E, F, G, H, K, L	\$ 70,000,000
32	L	2014+	Reverse Flow in the Friant-Kern Canal	Project	Modify Water Conveyance Systems	Kern-Tulare WD	C, E, K, L	
33	L	2014+	Shafter-Wasco/Semitropic Intertie on Kimberlina Rd.	Project	Modify Water Conveyance Systems	Semitropic WSD, Shafter-Wasco ID	C, D, E, F, G, H, K, L	\$ 20,000,000
34	L	2014+	G-W Banking for Parties Outside Poso Creek IRWMP Region	Program	Non-Structural Enhancement to Regional Water Management	Semitropic WSD	A, C, D, E, F, G, H, K, L, N	
35	N	2014+	Reverse Flow in the CA Aqueduct	Program	Non-Structural Enhancement to Regional Water Management	Semitropic WSD	C, E, K, L	
36	N	2014+	Optimizing Region's Pumping Lifts	Program	Non-Structural Enhancement to Regional Water Management	Poso Creek IRWM Group	C, E, F, K, L, P	
37	L	2014+	Wildlife Improvement Projects in IRWMP Region (coordination with TRWP)	Project	Enhance Environmental Resources	Poso Creek IRWM Group	I, K, L	
38	L	2014+	Environmental Water Management in Support of Wildlife Settlements Outside The Poso Creek Flood	Project	Enhance Environmental Resources	Poso Creek IRWM Group	I, K, L	
39	L	2014+	Control and Water Conservation Reservoir Flood Management and	Project	Enhance Flood Control	Semitropic WSD, North Kern WSD, Cawelo WD. County North West Kern	H, I, K, L	
40	L	2014+	Habitat Restoration Improvements along Poso	Project	Enhance Flood Control	RCD	H, I, K, L, Q, R	

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
41	L	2014+	Flood Management and Habitat Restoration	Project	Enhance Flood Control	City of McFarland	H, I, K, L, Q, R	
42	L	2014+	Improvements in McFarland Enhance Water Supply, Address Drinking Water Treatment Needs. and	Project	Assist Economically-Disadvantaged Communities	Various	C, G, J, K, L	
43	N	2014+	Lost Hills Repair and Upgrade Wastewater Treatment Plant	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	City of Lost Hills	C, G, J, K, L	
44	N	2014+	Delano Wastewater Treatment Plant Upgrade and Effluent Reuse	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	City of Delano	C, G, J, K, L	
45	N	2014+	Buttonwillow Wastewater Treatment Plant Upgrade	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	Community of Buttonwillow	C, G, J, K, L	\$ 4,100,000
46	N	2014+	Richgrove Waterwater Treatment Plant Upgrade	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	Community of Richgrove	C, G, J, K, L	
47	N/L	2014+	Richgrove CSD Water Well and Storage Tank	Project	Assist Economically-Disadvantaged Communities	Community of Richgrove	C, G, J, K, L	\$ 9,000,000
48	C/L	2014+	South Shafter Wastewater Treatment Plant Upgrade	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	Community of South Shafter	C, G, J, K, L	\$ 12,700,000
49	C/L	2014+	Lateral Connections, South Shafter Sewer Phase II	Project	Assist Economically-Disadvantaged Communities (Wastewater Treatment)	Community of South Shafter	C, G, J, K, L	\$ 3,397,320
50	L	2014+	Wasco Drinking Water Storage Tank	Project	Assist Economically-Disadvantaged Communities (Water Supply)	City of Wasco	C, G, J, K, L	

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Active Projects and Programs (Based on IRWM Group Submissions)

List Printed on: 8/13/2019

Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
			Shafter-Wasco Irrigation			Shafter-Wasco		
51	N	2016+	District Recharge Project	Project	Recharge & Recovery Facility		C, D, E, H, K, L, O	\$ 5,840,179
			(Bell Recharge Site)			Irrigation District		
52	L	2017-2018	SSJMUD and Semitropic	Project	Modify Water Conveyance Systems	Southern San Joaquin Municipal Utility District	A, B, C, D, G, J, L	\$ 11,000,000
			WSD Schuster Intertie			Southern San Joaquin Municipal Utility District		
53	L	2017-2018	SSJMUD and CWD Intertie	Project	Modify Water Conveyance Systems	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, J	\$ 100,000 - \$ 20,000,000
			Pipeline			Southern San Joaquin Municipal Utility District		
54	L	2017-2018	SSJMUD and North Kern	Project	Modify Water Conveyance Systems	Southern San Joaquin Municipal Utility District	A, B, C, D, G, J, L	\$ 2,000,000
			WSD 9-28 Intertie Pipeline			Southern San Joaquin Municipal Utility District		
55	L	2017-2018	Southeast Delano Spreading	Project	Expand Direct Recharge Facilities	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, I, J, L, O	\$ 425,000 - \$ 8,000,000
			Grounds			Southern San Joaquin Municipal Utility District		
56	L	2017-2018	City of Delano Spreading	Project	Expand Direct Recharge Facilities	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, I, J, L, O	\$ 425,000 - \$ 900,000
			Grounds			Southern San Joaquin Municipal Utility District		
57	L	2017-2018	Pond Road Spreading	Project	Expand Direct Recharge Facilities	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, I, J, L, O	\$ 650,000 - \$ 6,000,000
			Grounds			Southern San Joaquin Municipal Utility District		
58	N/L	2018-2019	InDistrict Spreading	Project	Expand Direct Recharge Facilities	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, I, J, L, O	\$ 44,000,000
			Grounds			Southern San Joaquin Municipal Utility District		
59	L	2018-2019	Conversion of Dairy to	Project	Expand Direct Recharge Facilities	Southern San Joaquin Municipal Utility District	A, B, C, D, F, G, I, J, L, O	\$ 5,600,000
			Recharge Facility			Shafter-Wasco		
60	N	2018-2019	Improved Water Level	Project	Improve Monitoring of Recharge Facilities	Shafter-Wasco	B, C, D, E, F, J, K, L, O	\$ 184,541
			Measurement of District			Irrigation District		
			Recharge Facility			North Kern WSD		
61	N	2018-2019	SCADA Automation and	Project	Improve Monitoring of Wells and Install ET Stations to reduce Groundwater Pumping		B, D E, F, J, L, M	\$ 168,432
			Evapotranspiration					
			Measurement Improvements					

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Active Projects and Programs (Based on IRWM Group Submissions)

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Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
62	L	2018-2019	Pond-Poso Spreading Grounds, Phase 2 Stored Water Recovery Unit,	Project	Expand Direct Recharge Facilities	Semitropic WSD	A, B, C, D, F, G, H, J, L, O	
63	L	2018-2019	Element of the Semitropic Groundwater Bank Installation of 123-TCP	Project	Groundwater banking	Semitropic WSD	A, B, C, D, F, G, H, J, L	\$ 197,000,000.00
64	N	2019+	Treatment Facilities Upgrade Water Meter	Project	Assist Economically-Disadvantaged Communities (Water Supply)	City of Wasco	G, J, K	
65	L	2019+	Infrastructure to Advanced Meter Infrastructure	Project	Assist Economically-Disadvantaged Communities (Water Supply)	City of Wasco	J, K, L, P	
66	L	2019+	Browning Road Well- 1,2,3-TCP Treatment	Project	Water Quality Improvements	City of McFarland	G, J, K	\$ 1,550,000.00
67	L	2019+	Municipal Water Supply Well Project	Project	Water Quality Improvements	City of McFarland	G, J, K, P	\$ 2,437,500.00
68	L	2019+	Reclaim Tank and Pump Station	Project	DAC Assistance	Lost Hills Utility District	G, J, K	\$ 35,000.00
69	L	2019+	Backwash Tank Repair	Project	DAC Assistance	Lost Hills Utility District	G, J, K	\$ 80,000.00
70	L	2019+	Feed Pump VFDs	Project	DAC Assistance	Lost Hills Utility District	G, J, K	\$ 40,000.00
71	L	2019+	SCADA Programming	Project	DAC Assistance	Lost Hills Utility District	B, G, J, L	\$ 15,000.00
72	L	2019+	Transfer Water PS Upgrades	Project	DAC Assistance	Lost Hills Utility District	G, J, K	\$ 120,000.00
73	N	2019+	Leonard Ave Pipeline	Project	Conveyance Improvements	Shafter-Wasco Irrigation District	C, D, E, F, G, H, K, L	\$ 1,724,852.00
74	L	2019+	Merced Avenue Intertie Calloway Canal	Project	Conveyance Improvements	Shafter-Wasco Irrigation District	C, D, E, F, G, H, K, L	
75	N	2019+	Improvements: Lining Snow Rd. to 7th Standard Rd.	Project	Modify Water Conveyance Systems	North Kern WSD	C, E, G, H, K, L	\$ 3,133,029.00

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Map No. ¹	Status ²	Year(s) ³	Activity Title	Activity Type	Purpose	Applicant	Measurable Objective(s)*	Estimated Total Cost(s)
76	N	2019+	Water Delivery Improvements	Project	Modify Water Conveyance Systems	North Kern WSD	A, C, D, E, F, H, K, L	
77	L	2019+	Calloway Canal Lining	Project	Conveyance Improvements	North Kern WSD	A, C, D, E, H, K, L	
78	L	2019+	Poso Creek Weir	Project	Conveyance Improvements	North Kern WSD	A, C, E, H, K, L	
79	L	2019+	Spreading Pond Facility	Project	Recharge & Recovery Facility	North Kern WSD	C, D, E, H, K, L, O	
80	L	2019+	Sub Surface Spreading Infrastructure	Project	Recharge & Recovery Facility	North Kern WSD	C, D, E, H, K, L, O	
81	L	2019+	Replacement of Wells	Project	Water Supply / Reuse	North Kern WSD	F, G, K, L, M, N	
82	N	2019+	Leonard Distribution System	Project	Modify Water Conveyance Systems	Semitropic WSD	C, D, E, F, G, H, K, L	\$ 6,657,936.00
83	L	2019+	Poso Creek Flood MAR	Project	Floodwater Management	Semitropic WSD	A, C, D, E, G, H, K, O	
84	C/L	2019+	Sierra Vista Water Consolidation	Project	DAC Assistance	Community of Sierra Vista	G, J, K	\$ 6,000,000.00
85	L	2019+	City of Delano Sphere of Influence Water Consolidation Study	Project	DAC Assistance	Southern San Joaquin Municipal Utility District	B, G, J, K	\$ 100,000.00
86	N	2019-2020	320-Acre Spreading Facility	Project	Groundwater Banking/Permitting	Delano-Earlimart ID	C, D, E, H, K, L	\$ 12,175,000.00
87	L	2020-2021	320-Acre Spreading Facility	Project	Groundwater Banking/Permitting	Delano-Earlimart ID	C, D, E, H, K, L	\$ 12,175,000.00
88	L	2020-2021	GW Banking Facility Pipeline Improvement Project	Project	Groundwater Banking/Permitting	Delano-Earlimart ID	C, D, E, H, K, L	\$ 2,500,000.00

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Southern Sierra Regional Water Management Group

Tiered List of New and On-going Implementation Projects

- 2017 -

TIER 1 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies/Plans				
	Spring wetlands/water supply study	Sierra Club – Kern-Kaweah Chapter	Understand the role of springs in water supply, quality, climate and drought, and how improvement work impacts wetland function, response to climate and drought.	In development
	Water Supply and Water Quality Study in the Southern Sierra Fractured Bedrock Aquifer	SSRWMG/DWR	A study that will determine the availability of water in the fractured rock system - hydrologic capacity in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers (complete), Springville, Posey, and White River communities. Provide a uniform approach to data collection and analysis, methodology, results and recommendations. Monitor wells for quality and quantity in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River communities. Compile all data sets on one table, e.g. nitrates, radon, Uranium, salts etc.	Complete, incorporated into the Three Rivers Community Plan Update/EIR
	Isotopic Tracer Study for Sierra Foothills Water Resource Sustainability	SRCD/Lawrence Livermore Nat'l Lab/CSU East Bay	Southern Sierra foothill communities rely on groundwater wells drilled in alluvium or fractured bedrock aquifers. There are a number of open questions regarding the sustainability of the water resources including the recharge elevation of locally pumped groundwater, the contribution of fractured bedrock flow to wells, and the vulnerability of wells to contamination and droughts. Isotopic	

TIER 1 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
			tracers are a powerful tool for finding answers to these question	
	Highway 168 Fire Safe Council Community Wildfire Protection Plan	Sierra RCD	The Highway 168 Fire Safe Council Community Wildfire Protection Plan (CWPP) summarizes wildfire dangers and issues on a community by community basis within the Council's area of influence. The CWPP also catalogs community wildfire protection needs and identifies corrective action and community projects that will mitigate some of the problems.	The CWPP is currently under revision with the Sierra RCD and is to be completed in September 2018.
	Oak to Timberline Fire Safe Council Community Wildfire Protection Plan	Sierra RCD	Oak to Timberline FireSafe Council is in the process of developing their first Community Wildfire Protection Plan (CWPP) under the auspices of Sierra RCD.	The plan is expected to be completed by September 2018.
	Modelling Hydrologic Capacity with drought and climate change	UC Merced	A modeling exercise to evaluate whether forest fuel reduction and/or restoration activities result in an increase or no change in water yield from small watersheds. Data to parameterize model(s) is available from KREW. The thinning and burning treatments are ongoing and can provide data to verify model results in the next 1-2 years. UC Merced is already in the process of parameterizing one model with KREW data. Forest Service would supply data but there would be a cost for modeling. Quantifies positive and negative effects to stream ecosystems from forest restoration and fuels reduction activities at the watershed	First phase of research complete. Results included in 2017 IRWMP.

TIER 1 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
			scale. It focuses on water yield and water quality in headwater streams of the Kings River watershed and would contribute to the continuation of data collection and analyses that have been ongoing for 10 years.	
Restoration and other Projects				
	Mill Flat Creek Project	USFS - Sequoia	Decommission roads, restore riparian areas and fisheries	
	Trout Creek Bridge Replacement and Fisheries Restoration	USFS Sequoia National Forest	Replacing a bridge and associated wetland enhancement in the Kern River Watershed	Funding applied for under the National Fish and Wildlife Foundation
	Cahoon Meadow Restoration	Sequoia National Park	Restoring a montane meadow with a large gully in the Kaweah Watershed.	Design/NEPA phase.
	Improving water supply and quality in the Kaweah River Watershed with the Goliath Prescribed Fire	Sequoia National Park	Prescribed fire activities to restore watershed conditions.	Project completed with appropriations funding.
	Restoring wetlands and riparian areas at Circle J Norris Ranch	Tulare County Office of Education.	Restoring riparian areas, creating wetland habitat, enhancing water quality, monitoring of flora and fauna.	Project in progress with US Fish and Wildlife and NRCS funding.

TIER 1 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
	Enhancing water supply and water quality in the Kings River Watershed – restoring three meadows on Sierra National Forest	Sierra National Forest	Restoration and permitting for three head-cut and eroding meadows.	Studies and design complete. Seeking NFWF funding.
	Big Dry Creek Diversion Additional Drop Structure	Sierra RCD/Fresno Metropolitan Flood Control District	Big Dry Creek Diversion routes flows out of the base of Big Dry Creek Reservoir, the District's largest flood control structure. The Diversion Channel helps de-water stormwater captured in Big Dry Creek Reservoir and is operated within the framework of the U.S. Army Corps Water Control Manual for the Redbank and Fancher Creek Project. The construction of an additional drop structure within the channel will decrease velocity in the Diversion Channel, reducing erosion and improving the safety of the Project.	Needs funding (Budget estimate of \$700,000)
Infrastructure	Retain 200-Year Flood Control Protection, Eastern Fresno County	Sierra RCD/Fresno Metropolitan Flood Control District	There are currently 200-year flood control facilities (dams, detention basins, and bypass structures) east of the metropolitan area. As development occurs upstream of those facilities, the level of protection will diminish. The study and subsequent construction of additional flood control facilities (detention basins and bypass structures) upstream of new development will continue the 200-year protection level.	Needs funding

TIER 1 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
Tribal/Infrastructure	Big Sandy Rancheria Leech Field/Pipeline Project	Big Sandy Rancheria	Installing a leech field and potentially a pipeline in the BSR	In progress with Prop 1 technical assistance and implementation.
	Conduct Community Fuel Break Construction and Maintenance on a Landscape Scale	Sierra RCD/Highway 168 Fire Safe Council	Current fuel break projects are effective, but due to lack of sufficient funding, there are large gaps in the system that need to be addressed before maximum benefit can be realized. Due to re-growth after 5 to 6 years, unmaintained fuel breaks start to lose some of their effectiveness, and after 10 to 12 years, unmaintained fuel breaks need to be reconstructed.	Needs funding (estimate of \$2.5 million)
	Conduct Prescribed Fires in eastern Fresno County	Sierra RCD	Historical natural fire regimes have been disrupted, which has led to ever increasing fuel loadings and disruptions of natural processes, changing the natural mix of vegetation. This increased fuel loading poses a severe threat to the communities of eastern Fresno County. In many cases, the lack of fire in a given area has led to the suppression (or extinction) of endangered species and the introduction and spread of invasive non-native species. In addition to extreme threat to life and property that modern wildfires pose, they also destroy ecosystems that had once been able to survive the occasional natural fire. The careful reintroduction of fire to the landscape through prescribed burning offers the only environmentally sound method of addressing all these issues in one cost-effective treatment.	Needs funding (estimate of \$100,000 annually)

TIER 1 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
Other Tier 1 projects are already underway. See Current Projects .				

TIER 2 PROJECTS

Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies				
	Springville PUD Purple Pipe Project Design and Permitting	Springville PUD	SDAC project collecting treated water and utilizing it for landscaping in the PUD area.	
	Understanding Landslide, Debris Flows and Flood Risks in the Southern Sierra	?		
	SCADA System monitoring wells	Sierra RCD	An automated water monitoring system in Auberry	Needs funding
	Little/Big Dry Creeks Water Quality, Flood Control and Supply Project	Sierra RCD	Focused studies for flood control, salmonid restoration, water quality and supply.	Needs funding
Tribal/Water Supply/Infrastructure	Tule River Water Supply Study	Tule River Tribal Council	Tule River Indian Reservation has identified a need for a reliable supply of water. It has negotiated its water rights and taken steps to implement water supply solutions including the potential for a new dam or other impoundments of surface water.	Studies identified funding/budget need (\$900 million, highest) for a dam to ensure water supply. Needs funding.

TIER 2 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies				
Tribal/Water Supply/Infrastructure	Tule River Water Supply and Treatment Enhancement Project	Tule River Tribal Council	Water supply pipeline sections on the reservation, water supply augmentation for the Treatment Plan, and existing dam retrofit for water supply.	Needs funding source.
Restoration	Tule River Water Quality Enhancement and Protection Project	Tule River Tribal Council	Meadow and stream restoration projects on the Reservation.	Needs funding source, final budgets.
Plans				
		USFS Sequoia National Forest	Prioritize meadows for restoration on the Sierra, Sequoia, Inyo national forests, Sequoia and Kings Canyon National Parks	Completed.
	Strengthen Dam Failure/Flood Planning, Coordination, and Training		Dam failure and flood planning are done as required by law. However, due to lack of funding, most of this knowledge and planning are kept at the top levels. Mid- and lower- level first responders are not part of coordination planning and do not receive significant training in procedures, key downstream hazard locations, access routes, alternate evacuation routes, and where to set up roadblocks. While the probability of a dam failure is low, the potential impact is extreme. Flooding from the inability to control water during extreme weather events is much more likely, and response procedures are similar.	
Tribal Projects				

TIER 2 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies				
	Tule River Tribe water supply needs	Tule River Tribal Council	Tule River Indian Reservation has identified a need for a reliable supply of water. It has negotiated its water rights and taken steps to implement water supply solutions including the potential for a new dam or other impoundments of surface water.	Complete. Project has complete studies but differing budgets on federal vs state levels. Moved to Tier 1 implementation project.
Restoration and Other Projects				
	Improving water supply and reduce flooding risk with <i>Aundo donax</i> removal in the Kaweah and Tule River watersheds	Sequoia Riverlands Trust	Invasive Species: remove tamarisk, <i>Arundo donax</i> , along the San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River	
		Sequoia Riverlands Trust	Watershed protection through protection from development, by voluntary conservation easement especially in the Tule River Watershed, Deer Creek the Kaweah River, Kings River and other flood prone areas in order to protect water quality	
	Mountain Aire Water Tank	Mountain Aire Water Company	Replacing water supply tank and associated infrastructure.	Needs funding, design.
	Camp El-O-Win Water Supply and Recreation Access	Friends of Camp El-O-Win	Camp El-O-Win straddles Dinkey Creek. The two sides of the camp are connected by a foot bridge over Dinkey Creek. Camp El-O-Win is run entirely by volunteers now. All funds must be raised through donations and grants. Concerning water quality and waste water issues, Camp El-O-Win has two original septic systems that	

TIER 2 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies				
			date to the late 1950s. There is one newer engineered system. Otherwise, waste needs are served by 8 pit toilets. The camp is in need of replacing those old pit toilets and decrepit septic systems with new systems. This is something that would be helpful to identify in the plan.	
	Osa Meadow, Kern Plateau/Kern River Watershed Project		This proposed project would restore approximately 80 acres of meadow through restoration of Osa Meadow.	
	Whispering Springs Fuel Break	Sierra RCD/Highway 168 Fire Safe Council	Lower elevation project off Lodge Road in Tollhouse. We cleared this area a few years ago but it could use some work. It is mostly brush and annual grass that is highly flammable. The area is filled with homes and is located on a steep slope. The Goose Fire threatened this area in 2016 but according to residents some of the work the FSC did help avert the fire away from a certain areas.	
	Historical Beal Fire Road Fuel Break		The Historical Beal Fire Road has been in existence since 1933 when it was constructed by the CCC's under the direction of President Roosevelt. The Beal has over the years been credited with helping halt or slowing down a wildland fire. The area at mid-slope from Auberry Road has homes along	

TIER 2 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Studies				
			the Beal for a couple of miles then turns in to Forest Service Land then picks back up with homes again before connecting with Highway 168 at mid-slope. The values at risk are high here, if a fire gets past this area it could travel into Meadow Lakes, the many subdivisions along Highway 168 and enter Shaver Lake and possibly higher. Types of fuel include brush, annual grass and ladder fuels and some dead trees.	

TIER 3 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Best Management Practices				
			BMPs for residential pesticide use in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River communities.	
			BMPs and educational materials for septic tank maintenance in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers (has an existing program and information), Springville, Posey, and White River communities	
			BMPs regarding fire clearance in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River communities	
			BMPs for flood control and flood management/riparian management along the San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River	

TIER 3 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Best Management Practices				
			BMPs regarding preventing sedimentation and erosion in headwaters in the San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River watersheds	
			BMPs regarding well maintenance and monitoring in Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River communities	
			BMPs to promote grazing practices, cattle ponds and riparian areas along San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River	
			BMPs to identify land use to minimize environmental impact (cluster development) Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River communities	
Plans				
			Watershed management plans in the San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River watersheds	
			Studies and plans to prioritize oak woodland sites for protection in the San Joaquin River, Kings River, Kaweah River, Tule River, Deer Creek, White River and Kern River watersheds	
Demonstration Projects				
			Meadow restoration – has been complete at Big Meadows and multiple locations on the Sierra National Forest	
			Fuel management for fire safety and water production	
			Invasive species removal (Arundo, Tamarisk, Scarlet Wisteria) along the San Joaquin River, Kings River, Kaweah River,	

TIER 3 PROJECTS				
Project Category	Project Title	Project Proponent	Project Description	Project Status
Best Management Practices				
			Tule River, Deer Creek, White River and Kern River	
			Total exclusion of development from certain sensitive watersheds such as Deer Creek, White River	
			Flood control projects (floodplain, etc.) that have multiple benefits (habitat, water quality, groundwater recharge etc.);	
			More detailed vegetation mapping throughout the region	
			Integrated strategies for increasing water supply in Shaver Lake, Auberry, Prather, Squaw Valley, Dunlap, Badger, Three Rivers, Springville, Posey, and White River	
			Native plants (fire resistant/drought tolerant) in public and private landscaping	
			Riparian protection through fencing, grazing rotation, additional water distribution systems.	

G.6 Procedures for Displaying List of Approved Projects

A complete list of approved projects will be displayed on the Tule River Basin IRWMP website. This list will be updated annually or more frequently by the DCTRA in response to the annual evaluation of newly proposed projects. The complete list of approved projects, as well as other information related to IRWM Planning in the Tule River Basin, can be found on the following website:

<http://www.tuleirwmp.com>

G.7 2018 Tule River Basin IRWM Project List

Submitting Agency	Project Name	Project Description Summary	Category
Alpaugh CSD - Allensworth Water Project	Consolidate Alpaugh and Allensworth Water Systems	Connect Alpaugh and Allensworth Water Supply systems via new pipeline	Water Quality (DAC)
Alpaugh GSA	GSP Development	Prepare initial GSP technical data and report	SGMA
Angiola Water District	White River Flood Control Reservoir Project Phase 2	Construct a 1,200-acre flood control basin comprised of cells, half mile wide by half mile long by eight feet deep, to be used for retention, detention and recharge. This reservoir will be used to prevent flooding of developed farm land and the inhabited areas of two disadvantaged communities, Alpaugh and Allensworth.	Climate Change, Drought, SGMA
Angiola Water District & Deer Creek Storm Water District	White River Flood Control Reservoir Project	Construct a half mile wide by two-mile-long by eight feet deep flood control reservoir to be used for retention, detention and recharge. This reservoir will be used to prevent flooding of developed farm land and the inhabited areas of two disadvantaged communities, Alpaugh and Allensworth.	Climate Change, Drought, SGMA
Campbell Moreland Ditch Company	Convert Open channel Ditch to Pipeline	Replace ½ mile section of open channel with a pipeline to prevent channel losses and increase efficiency of surface water deliveries to growers.	Recharge, Drought, Water Supply
City of Porterville	Groundwater Recharge Program	Increase groundwater recharge basin capacity around the City of Porterville	Water Quality, Drought, SGMA, Recharge
City of Porterville	Tertiary Treatment Facility and Distribution System	Treat the wastewater from the Wastewater Treatment Plan to tertiary requirements and return the water in a “purple pipe” system to City parks and landscape areas.	Water Quality, Drought, SGMA, Recharge
City of Porterville	Drainage Reservoir No. 28 connection to Campbell Moreland Ditch	Extend the Campbell Moreland Ditch approximately 1/2 mile to COP Drainage Reservoir No. 28.	Water Quality, Drought, SGMA, Recharge

Submitting Agency	Project Name	Project Description Summary	Category
City of Porterville	Stormwater Recharge Basin Upgrades	Upgrade City Stormwater distribution system and recharge basins	Drought, SGMA, Recharge
Eastern Tule Subbasin GSA JPA	GSP Development	Prepare initial GSP technical data and report	SGMA
Lower Tule River Irrigation District	Riparian Lands Distribution System	Install a pipeline distribution system to serve lands within the Riparian areas of the Tule River surface water to prevent major channel losses and allow water to be delivered during normal and dry years.	Recharge, Drought, SGMA
Lower Tule River Irrigation District	SCADA system expansion / upgrades	Update and expand the existing SCADA system within the irrigation district to help facilitate more efficient operations.	Water Supply, Climate Change
Lower Tule River Irrigation District	GSP Development	Prepare initial GSP technical data and report	SGMA
Pioneer Water Company	Existing Pipeline replacement	Replace existing sections of the Pioneer Water Company pipeline that leaks and is broken	Drought, Water Supply
Pixley Irrigation District	Northwest Distribution System Expansion	Expand the pipeline distribution system in the northwest region of the Pixley Irrigation District to prevent major channel losses and allow for efficient delivery of water	Drought, Recharge, water supply
Pixley Irrigation District	SCADA system expansion / upgrades	Update and expand the existing SCADA system within the irrigation district to help facilitate more efficient operations.	Water Supply, Climate Change
Pixley Irrigation District	GSP Development	Prepare initial GSP technical data and report	SGMA
Tea Pot Dome Water District	Meter Upgrade / Replacement Program	Upgrade / Replace water meters to more accurately measure water consumption within the district.	SGMA, Water Demand
Tea Pot Dome Water District	Efficiency Improvements	Install Variable frequency drives at 3 pumping stations to increase energy efficiency.	Water Supply, Climate Change
Tea Pot Dome Water District	Supplemental Solar Power Program	Implement solar projects to supply power to pumping plant sites.	Climate Change
Tea Pot Dome Water District	SCADA system expansion / upgrade.	Expand and upgrade existing SCADA system to better manage water distribution and treatment equipment.	Water Supply, Recharge
Tri-County Water Authority	GSP Development	Prepare initial GSP technical data and report	SGMA

Submitting Agency	Project Name	Project Description Summary	Category
Tri-County Water Authority	Flow Meter Installation Incentive Project	Utilize grant funding to incentivize and encourage agricultural and domestic well operators to install flow meters which will enhance groundwater resource management and to improve groundwater extraction data collection which will be used by Tri-County Water Authority, a SGMA Groundwater Sustainability Agency, in the development and implementation of its Groundwater Sustainability Plan.	SGMA, Water Supply
Tri-County Water Authority & Angiola Water District	Infiltration Well and Direct Recharge Pilot Program	Develop an infiltration well and recharge test system pilot protocol and study the feasibility of groundwater recharge in the southwest area of the Tule sub-basin.	Recharge, Drought
Terra Bella Irrigation District & Saucelito Irrigation District	Expand DCTRA Sinking Basins	Expand the current DCTRA sinking basins	Recharge, Drought
Porterville Irrigation District	Pump Distribution System on Poplar	Develop a pumped distribution system from Friant Kern Canal east	Water Supply, SGMA, Drought
Vandalia Water District	Stormwater Runoff Basin Upgrades	Upgrade the stormwater basins to capture runoff and prevent erosion	Recharge
Tule River Basin IRWM	Stormwater Management Plan	Develop a Tule River Basin-wide Stormwater Management Plan	Recharge, SGMA, Drought

Project Title	Step 1: Eligibility Check				Step 2: Evaluation													Overall Project Score ¹
	Project is located in Region/ has benefits within Region	Project meets Regional Objective	Project meets Statewide Priority	Project meets at least 2 RMS	1: Contribution to Plan Objectives	2: Relation to RMS	3: Technical Feasibility	4: Benefits to DACs	5: Benefits to Native American Tribal Communities	6: Environmental Justice Considerations	7: Costs and Financing (Local Funding Match)	8: Economic Feasibility	9: Project Status	10: IRWMP Implementation (Regional/ Interagency Project)	11: Climate Change Adaptation	12: Climate Change Mitigation	13: Plan Adoption	
Althea Avenue Bridge Replacement	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	High	Low	High	High	Medium	Low	High	Medium
Aquifer Storage and Recovery Project	✓	✓	✓	✓	Medium	Medium	High	Low	Low	Medium	Medium	Medium	Medium	Medium	High	Medium	High	Medium
Broadview Water District Drainage Water Treatment Project	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	Low	Low	Low	Medium	Medium	Low	High	Medium
Cantua Creek Groundwater Replenishment Project	✓	✓	✓	✓	High	Medium	High	Low	Low	Medium	Low	Medium	Low	Medium	High	Low	High	Medium
Crescent Canal Project	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	Low	Low	Low	Medium	High	Low	High	Medium
Del Puerto Canyon Reservoir	✓	✓	✓	✓	High	High	High	Low	Low	Medium	Medium	Low	Low	High	High	Low	High	High
Delta-Mendota Canal Subsidence & Conveyance Capacity Study	✓	✓	✓	✓	Medium	Low	Medium	Low	Low	Medium	Medium	Medium	Low	Medium	Medium	Low	High	Low
Delta-Mendota Canal Turnout Flowmetering Improvement Pilot Program	✓	✓	✓	✓	Medium	Low	High	Low	Low	High	Low	Medium	High	Medium	Medium	Low	High	Medium
Grassland Bypass Project Capacity Enlargement	✓	✓	✓	✓	Medium	Medium	Medium	Low	Low	Medium	Medium	Low	Low	Medium	Medium	Low	High	Low
Groundwater Monitoring Program: Multi-Well Aquifer Monitoring	✓	✓	✓	✓	Medium	Medium	High	Medium	Low	High	Medium	Medium	Low	Medium	High	Medium	High	Medium
Kaljian Drainwater Reuse Project	✓	✓	✓	✓	High	Medium	High	Low	Low	Medium	Medium	Low	Low	Medium	High	Low	High	Medium
Lateral 13 Intertie Project	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	Low	Low	Medium	Medium	High	Low	High	Medium
Lateral Inter-Connection Project	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	Medium	Low	Medium	Medium	High	Low	High	Medium
Little Salado Creek Groundwater Recharge and Flood Control Basin	✓	✓	✓	✓	High	High	High	Low	Low	Medium	Low	Medium	Medium	Medium	Medium	Low	High	Medium
Los Banos Creek Recharge and Recovery	✓	✓	✓	✓	High	Medium	High	Low	Low	Medium	High	Low	Medium	High	High	High	High	High
North Valley Regional Recycled Water Program	✓	✓	✓	✓	High	Low	High	High	Low	High	High	Low	High	High	Medium	Low	High	High
Orestimba Creek Recharge and Recovery Project (OCCRP)	✓	✓	✓	✓	High	High	High	Low	Low	Medium	Medium	Medium	High	High	High	Low	High	High
Panoche Creek Groundwater Replenishment Project	✓	✓	✓	✓	High	Medium	High	Low	Low	Medium	Low	Medium	Low	Medium	High	Low	High	Medium
Pasajero Groundwater Replenishment Project	✓	✓	✓	✓	High	Medium	High	Medium	Low	Medium	High	Medium	Medium	Medium	High	Low	High	Medium
Pumping Plant 7-1 Variable Frequency Drive Project	✓	✓	✓	✓	Medium	Low	High	Low	Low	High	High	Low	High	Medium	High	Medium	High	High
Russell Avenue Bridge Replacement	✓	✓	✓	✓	Medium	Low	High	Low	Low	Medium	High	Low	High	High	Medium	Low	High	Medium
Terra Linda River Ranch Recharge Project	✓	✓	✓	✓	High	Medium	High	High	Low	High	High	Medium	Medium	High	Medium	Low	High	High
West Stanislaus Irrigation District Fish Screen Project	✓	✓	✓	✓	High	High	High	Medium	Low	High	Medium	Medium	High	Medium	Medium	Medium	High	High
West Stanislaus Irrigation District Pumping Plant 3 & 4 Modernization	✓	✓	✓	✓	High	Low	High	High	Low	Medium	High	Medium	Medium	Medium	Low	Medium	High	Medium

1. The project prioritization method awarded a score of Low for projects with 0-2 High scores in Step 2, a score of Medium for projects with 3-5 High scores in Step 2, and a score of High for projects with 6 or more High scores in Step 2.

Appendix I

Project Development

Disadvantaged Community Involvement Program
Tulare-Kern Funding Area
Project Development Guidelines and Priorities

Program and Priorities

The Integrated Regional Water Management (IRWM) Implementation Grant Program provides funding for implementation projects that meet the intent of Proposition 1, Chapter 7 - Regional Water Security, Climate and Drought Preparedness. It is the intent of the Tulare-Kern Funding Area (TKFA) Disadvantaged Community Involvement Program (DACIP), that projects will be developed to be competitive in the IRWM Implementation Grant Program. The Project Development funding must directly benefit a disadvantaged community (DAC), economically distressed area, or underrepresented community, collectively referred to as DAC, or a tribe.

The project must be consistent with the Integrated Regional Water Management Grant Program Guidelines, October 2018. The IRWM Grant Program Guidelines are incorporated by reference in these Project Development Guidelines and Priorities for the TKFA.

Preferences from Proposition 1 Legislation include the following:

- Prioritize projects that leverage funding or produce the greatest public benefit
- Provide special consideration for new or innovative technology or practices
- Prioritize projects that cover a greater portion of the watershed
- Continue multi-benefit projects

Proposition 1, Chapter 7 is intended to:

- Help water infrastructure systems adapt to climate change
- Provide incentives for collaboration on managing water resources and setting water infrastructure priorities
- Improve regional water self-reliance

AB 1249 (2013-2014) – CWC Section 10541(e)(14):

- Address nitrate, arsenic, perchlorate, or hexavalent chromium contamination in IRWM plans; include these projects in grant applications or explain why they were not included
- DWR shall consider projects that address contaminants, including small DAC projects (<10,000 year-round population)

AB 685 Human Right to Water:

- Every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes

The TKFA DACIP Preliminary Needs Assessment includes the following:

- Identification of specific DACs facing water supply, water quality, or wastewater challenges

Project Development funds should focus on those DACs identified with a need in the Preliminary Needs Assessment. If the need was not identified in the Preliminary Needs Assessment, provide justification for the project need and why it should be added to the Preliminary Needs Assessment.

Guidelines

Project Application Form

A Project Application Form must be submitted by the entity providing water or sewer service to the DAC, to its home IRWM Region. Eligible applicants include: public agencies, nonprofit organizations, public utilities, federally recognized Indian tribes, state Indian tribes listed on the Native American Heritage Commission's Tribal Consultation list, and mutual water companies (Water Code Section 79712). If the applicant is located outside of an IRWM region, the entity providing water or sewer service may submit to a neighboring IRWM Region. Alternatively, the Project Application Form can be submitted to the Project Advisory Committee (PAC) for distribution to the appropriate IRWM Region. Assistance may be provided to complete the application by the Disadvantaged Community Engagement and Education Program (Self-Help Enterprises). Contact information is provided on the final page of these guidelines.

A complete Project Application Form submitted by a DAC is required to be considered for Project Development Funds. Sample scoring criteria are attached to assist IRWM Regions and the PAC in evaluating the Project Application Forms and ranking the projects.

Once applications have been received and the application deadline has passed, each IRWM Region will select the top projects in its region. The top-ranking project(s) from each IRWM may receive funding for the Project Development activities described in the application, up to the maximum funding amount (\$250,000 per IRWM). The PAC is responsible to review the project selections made by the IRWM Regions and make recommendations for funding to the County of Tulare in accordance with these selections. Once the top-ranked projects have been recommended for funding, the PAC may review the remaining applications for possible funding with remaining project development funds. This review will be based upon the project development funds still available after the first round of allocations, will be competitive in nature, and will consider the ranking provided by the IRWM Regions, if any was made. In addition to the primary funding recommendations, the PAC may rank the remaining projects to indicate its preference for secondary funding recommendations and shall refer all funding recommendations to the County of Tulare for approval.

The County of Tulare will review all applications recommended for award of Project Development funds to ensure the applications are complete and consistent with the intent of this program. Projects require approval from the County of Tulare prior to allocation of funds.

Requirements of the Scope

Project Development activities will depend on the needs of the project. The projects may include, but are not limited to, the following types of activities:

- Prepare Feasibility Study Report
- Conduct Community Outreach and Engagement Activities for a specific project
- Conduct Preliminary Design Activities
- Prepare CEQA/NEPA Documents
- Coordination with IRWM Regions/DWR
- Prepare Funding Applications (IRWM Implementation Funding); may include reasonable and proportional contribution to application development costs as required by an IRWM for inclusion in an Implementation/Construction application to DWR.

The following types of deliverables are expected for each project and will vary depending on the activities proposed. The deliverables should be built into the scope, budget and schedule provided in the Project Application Form:

- Basis of Work/Work Plan/ or 30% Design Documents
- Draft Report/ or 60% Design Documents
- Project Summary/Completion Memorandum

The consultant for each project shall complete a Project Summary/Completion Memorandum at the end of the project, addressing the following topics:

- Description of Project
- Problem being Addressed
- Type of Work Completed (e.g. Feasibility Study, CEQA, etc.)
- Challenges Encountered
- Process to Overcome Challenges
- Recommended Next Steps for the Project, including funding recommendations
- Funding expenditure summary

Implementation funding requires projects to be on the IRWM's project list. The consultant for each funded development project must ensure that the project is added to the IRWM's project list in order to be eligible for future construction funding.

Budget and Schedule Requirements

The PAC will review two categories of projects: 1) projects requesting application preparation cost for current Round One IRWM Implementation Grant funding, and 2) projects requesting funding for project development activities. IRWM Regions may submit projects requesting application preparation costs in March 2019 that are ready for Round One IRWM Implementation Grant funding. These projects will be requesting funding for application costs only. Additional projects requesting application preparation costs for the current round of IRWM Implementation Grants will be accepted in June 2019.

IRWM Regions will submit projects for project development activities in either June 2019 or August 2019, with the intent that they would have the project ready for future IRWM Implementation funding rounds. IRWM Regions will review and rank projects and make recommendations to the PAC. IRWM Regions that submit project development applications in June will be referred to as “Group A”, and those that submit in August will be referred to as “Group B”. Projects seeking approval in June must be submitted to the PAC by May 31, 2019. Projects seeking approval in August must be submitted to the PAC by August 2, 2019. The PAC will review and affirm the recommendations of the IRWM Regions on June 13, 2019 and August 15, 2019. The County of Tulare will then review, make approvals, coordinate with consultants, and submit project lists to DWR. Project Development activities may begin upon approval by Tulare County, and must be completed by **August 31, 2020**.

Each of the seven (7) IRWM Regions has the opportunity to select project(s) from its region for a maximum of \$250,000 in project development funding. Any remaining from each IRWM Region’s allocation will be added to a region-wide competitive pot. At least \$250,000 will remain for additional projects to be awarded on a competitive basis. Projects for the competitive pot of funding will be selected in August 2019. This will include both Group A and Group B IRWM applications. A total of \$2,000,000 is allocated for Project Development activities for the TKFA.

There will not be an opportunity to request additional funds for a Project Development project after it is awarded.

There is not a requirement for cost sharing for the DAC Involvement Program, Project Development funding. Other sources of funding, however, may be used to supplement the Project Development funding. If other sources of funding are used, they must be indicated on the Project Application Form.

Contact Information

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 (559)636-5027

Disadvantaged Community Involvement Program
Tulare-Kern Funding Area
Project Application Form

1. IRWM Region:

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2. Funding Area:

Tulare-Kern Funding Area

3. Applicant Name:

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4. Project Title:

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5. Requested Grant Amount:

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6. Point of Contact: (POC) Information (name, title, organization, phone, email):

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7. Type of Funding Requested (Select One):
☐ IRWM Application Costs (for projects that are ready for Round One (2019) IRWM Implementation funding)
☐ Project Development Activities (feasibility study, preliminary design, CEQA, etc.) to prepare for Round Two (future) IRWM Implementation funding
8. Is the Applicant identified as a Disadvantaged Community (DAC) in the Preliminary Needs Assessment?
☐ Yes ☐ No *If not, provide justification for DAC status.*
9. Does the project address one or more of the following issues for a DAC?

Project Title	Benefits 100% to DAC?	Human Right to Water?	Innovative Technology?	Contribute to regional water self-reliance?	Address AB 1249 Contaminants(s)?

A. PROJECT INFORMATION

1. Project Summary: Provide a brief description of the project, the need(s) it addresses, and the intended outcomes/benefits. The project may include a feasibility study, community outreach, preliminary design, environmental review, or other activities. The project may also include IRWM application costs.

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2. Provide project map. Include location of project, project benefit and/or service area, and other applicable information.

3. Project Type: _____ Water Supply or Quality _____ Sewer or Wastewater

Other:

Select most applicable project type. If "Other" is selected, please write in the space provided the proposed project type.

4. If the project will affect groundwater, does the project have support of the local Groundwater Sustainability Agency? _____ Yes _____ No

Provide a letter of support from the GSA, if available, or other form of correspondence with the GSA regarding the proposed project.

B. SELECTED ELIGIBILITY REQUIREMENTS

1. Does the project directly respond to water management need(s) of DACs in the Funding Area, as identified in the Preliminary Needs Assessment? _____ Yes _____ No

a. What DAC need(s) does the project address? Identify and explain.

2. Does the project benefit a small (<10,000 population) DAC? _____ Yes _____ No

Community	Population	MHI (include source)

3. Does the project provide a benefit that meets at least one of the Statewide Priorities as defined in the 2016 IRWM Grant Program Guidelines?

☐ Yes ☐ No If Yes, Please identify below.

C. WORK PLAN, BUDGET, and SCHEDULE

1. Work Plan: Provide a brief Project Description, including summary of tasks for the project development activity that is being proposed. The scope must include coordination with the IRWM to get the project on the IRWM project list for future implementation funding.

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2. Budget: Provide cost estimate by task identified in the Work Plan description. Cost share is not required.

Table 1 - Project Development Budget					
Task		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source	(c) Other Fund Source	(d) Total Cost
(1)					
(2)					
(3)					
(4)					
(5)					
	Grand Total				

Identify the source of Other Funds, if applicable.

3. Schedule: Include reasonable estimates of the start and end dates for each task listed in Table 1 - Project Development Budget.

Table 2 – Project Development Schedule			
Task		Start Date	End Date
(1)			
(2)			
(3)			
(4)			
(5)			

D. OTHER PROJECT INFORMATION

1. Does the proposed project benefit multiple DACs? ☐ Yes ☐ No

If Yes, provide a description of the impacts to the various DACs.

2. Does the project address a contaminant listed in AB 1249? ☐ Yes ☐ No

If yes, provide a description of how the project helps address the contamination.

3. Does the project improve the provision of safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes, consistent with AB 685 (Human Right to Water)? ☐ Yes ☐ No

If yes, please describe.

E. ENVIRONMENTAL

1. Please fill out the Table below, if applicable:

Table 3 – CEQA Timeline		
CEQA STEP	COMPLETE? (Y/N)	ESTIMATED DATE TO COMPLETE
Initial Study		
Lead Agency (_____)		
Notice of Preparation		
Draft EIR/MND/ND		
Public Review		
Final EIR/MND/ND		
Adoption of Final EIR/MND/ND		
Notice of Determination		

- a. If additional explanation or justification of the timeline is needed, please describe below (optional).

F. CONSULTANT SELECTION

1. Does the Applicant have a District Engineer or other Engineering Consultant with history working on the design or evaluation of its facilities, which is preferred to perform the scope of work identified herein?

If yes, provide contact information (Name, Title, Organization, Phone, Email)

Note: The preferred consultant, if noted, will be contacted regarding this project. If the consultant and the County of Tulare are able to come to agreement, a contract between the County and consultant may be initiated. While applicant preferences will be taken into account, the County of Tulare does not commit to retaining the services of the preferred consultant.

2. If the Applicant does not have a preferred consultant, a consultant may be recommended by the respective IRWM, or work may be conducted by the Project Team. Any recommended consultants would require pre-approval from the County of Tulare, and would be required to enter into a contract with the County of Tulare.

Tulare-Kern Disadvantaged Community Involvement Program
Project Development Application Tracking
Updated January 27, 2020

Applicant/Community	IRWM Region	Project Title	Requested Grant Amount	Status
IRWM Application Costs for Round One (2019) IRWM Implementation Funding				
Athal Mutual Water Company	Kern IRWM	Athal Waterline Replacement & Meter Project	\$ 14,000.00	Approved 3/28/19
Rainbird Valley Mutual Water Company	Kern IRWM	Weldon Regional Water Project	\$ 14,000.00	Approved 3/28/19
Lost Hills Utility District	Poso Creek IRWM	Lost Hills Utility District Well No. 3	\$ 15,000.00	Approved 3/28/19
Tule River Tribe	Southern Sierra	Meadow Restoration	--	Reallocated to PD Funding
Tule River Tribe	Southern Sierra	Painted Rock Dam Rehabilitation	--	Reallocated to PD Funding
Tule River Tribe	Southern Sierra	Emergency Raw Water Storage Tank and Associated Raw Water Piping	--	Reallocated to PD Funding
City of Huron	Westside San Joaquin	Groundwater Supply Well	\$ 20,000.00	Approved 6/13/19
City of Delano	Poso Creek	City of Delano Spreading Facility	\$ 17,800.00	Approved 8/15/19
Subtotal IRWM Application Costs			\$ 80,800.00	

Applicant/Community	IRWM Region	Project Title	Requested Grant Amount	Status
Project Development Activities to prepare for Future IRWM Implementation Funding				
Lemon Cove	Kaweah	Test Wells Pump Test	\$ 105,500.00	Approved 6/13/19
Southern San Joaquin Municipal Utility District	Poso Creek	City of Delano Sphere of Influence Water Consolidation Study	\$ 100,000.00	Approved 6/13/19
Pond Union School District	Poso Creek	Pond School Water Treatment Plant Service	\$ 20,000.00	Approved 6/13/19
Richgrove CSD	Poso Creek	Richgrove CSD Water Well and Storage Tank Project	\$ 97,100.00	Approved 6/13/19
Sierra Resource Conservation District	Southern Sierra	Water Supply Vulnerability in Southern Sierra Communities	\$ 65,000.00	Approved 6/13/19 Updated 8/15/19
Tule River Tribe	Southern Sierra	Meadow Restoration Project - CEQA/NEPA	\$ 30,000.00	Approved 6/13/19
Tule River Tribe	Southern Sierra	Painted Rock Dam Rehabilitation - CEQA/NEPA	\$ 35,000.00	Approved 6/13/19
Tule River Tribe	Southern Sierra	Emergency Raw Water Storage Tank and Associated Raw Water Piping - CEQA/NEPA	\$ 35,000.00	Approved 6/13/19
Allensworth CSD	Tule River Basin	Meter and Solar Planning Project	\$ 230,000.00	Approved 6/13/19
Ducor CSD	Tule River Basin	North Tank Replacement	\$ 20,000.00	Approved 6/13/19
City of Huron	Westside San Joaquin	Hydrogeological Investigation	\$ 230,000.00	Approved 6/13/19
City of Lindsay	Kaweah	Disinfection Byproduct Mitigation Project	\$ 70,500.00	Approved 8/15/19
City of Lindsay	Kaweah	Future WTP Site Project	\$ 74,000.00	Approved 8/15/19
Buttonwillow CWD	Kern	Well No. 5 Equipping and Pipeline	\$ 55,171.00	Approved 8/15/19

Frazier Park PUD	Kern	Emergency Replacement Well and Water Supply Project	\$ 46,400.00	Approved 8/15/19
Lake of the Woods MWC	Kern	Water Supply, Loss, Use and Rate Study	\$ 41,200.00	Approved 8/15/19
Rainbird MWC	Kern	Weldon Regional Water Project - Land Acquisition	\$ 50,000.00	Approved 8/15/19
East Orosi CSD	Kings Basin	Well and Pipeline Design and Environmental Documents Project	\$ 159,144.00	Approved 8/15/19
Malaga CWD	Kings Basin	Replace Well 3	\$ 90,856.00	Approved 8/15/19
Lebec CWD	Kern	Phillips Pressure Zone Expansion	\$ 29,229.00	Approved 1/16/20
Sierra Resource Conservation District	Southern Sierra	Water Supply Assessment Under Changing Climate & Fire Regimes	\$ 85,000.00	Approved 1/16/20
Subtotal Project Development Activities			\$ 1,554,871.00	

Applicant/Community	IRWM Region	Project Title	Requested Grant Amount	Approved Funding Amount
Project Development Activities - Regional Funding Pot				
City of Lindsay	Kaweah	Future WTP Site Project	\$ 84,000.00	\$ 84,000.00
Lebec CWD	Kern	Phillips Pressure Zone Expansion	<i>reallocated Kern IRWM funds</i>	\$ -
County of Kern - Public Works Department	Kern	Caliente Creek Flood Mitigation CEQA	\$ 250,000.00	\$ -
Sultana CSD	Kings Basin	Sultana and Monson Storm Water Project	\$ 250,000.00	\$ 142,000.00
Pixley PUD	Tule River Basin	Water Main Extension	\$ 129,100.00	\$ 24,000.00
Subtotal Regional Funding Pot			\$ 713,100.00	\$ 250,000.00

IRWM Region	Total Grant Request	Remaining Allocation
Kaweah	\$ 250,000	\$ -
Kern	\$ 250,000	\$ -
Kings Basin	\$ 250,000	\$ -
Poso Creek	\$ 249,900	\$ 100
Southern Sierra	\$ 250,000	\$ -
Tule	\$ 250,000	\$ -
Westside San Joaquin	\$ 250,000	\$ -
Regional Pot	\$ 250,000	\$ -
Total	\$ 1,999,900	\$ 100