

**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
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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?

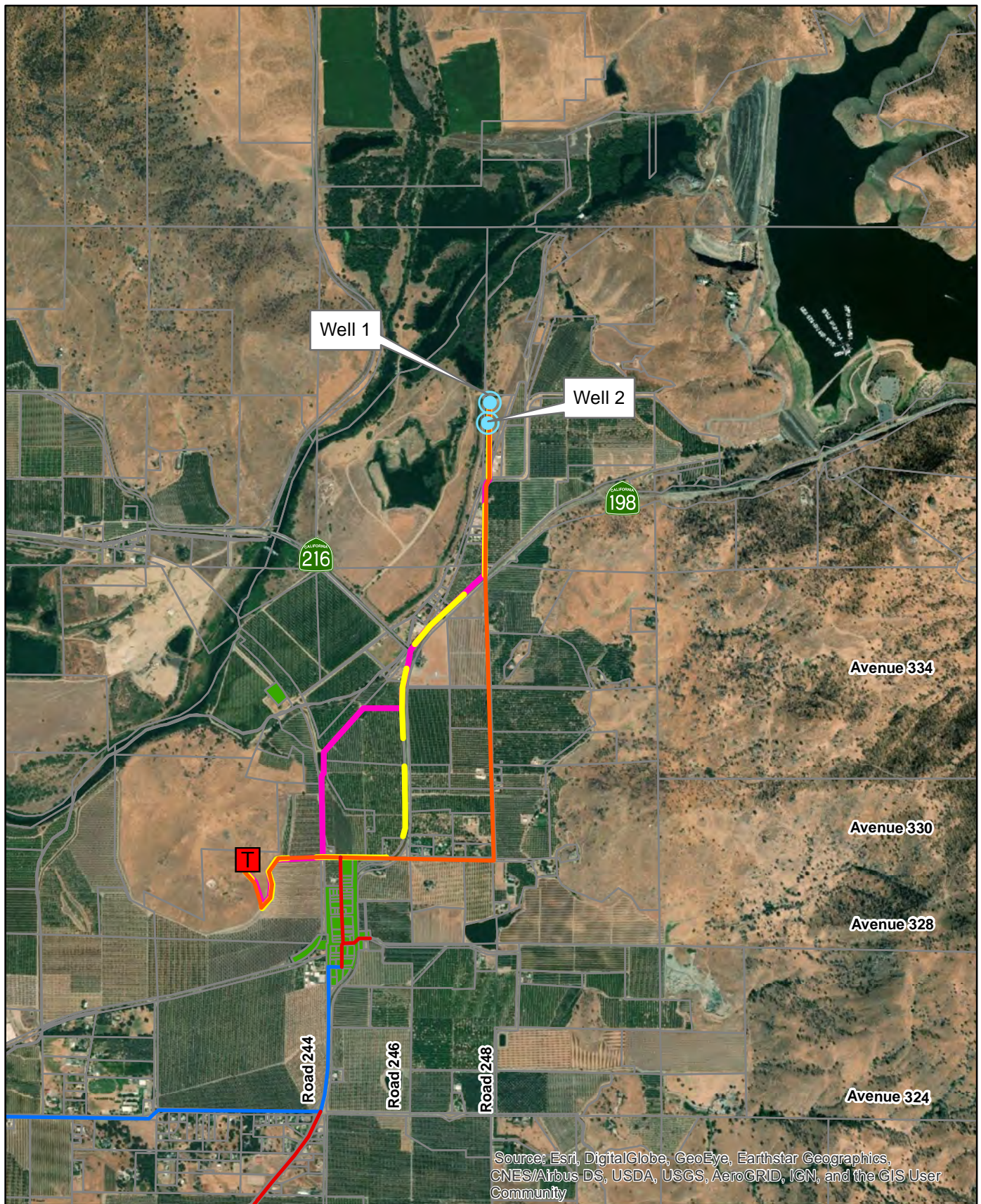
Project Title	Benefits 100% to DAC?	Human Right to Water?	Innovative Technology?	Contribute to regional water self-reliance?	Address AB 1249 Contaminants(s)?

**A. PROJECT INFORMATION**

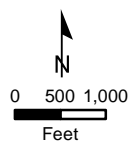
1. Project Summary: Provide a brief description of the project, the need(s) it addresses, and the intended outcomes/benefits. The project may include a feasibility study, community outreach, preliminary design, environmental review, or other activities. The project may also include IRWM application costs.

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



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Legend

- Supply Pipe Alternative 1
- Supply Pipe Alternative 2
- Supply Pipe Alternative 3
- Existing 6-Inch Pipeline
- Existing 8-Inch Pipeline
- T Tank (P)
- Existing Well
- Proposed Test Well 1
- Lemon Cove SD
- Tulare County Parcel

**Figure 3-1: Proposed Supply Pipe Alignments**  
 Lemon Cove Sanitary District  
 Tulare County, CA

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.





**GREATER KAWEAH**  
**GROUNDWATER**  
**SUSTAINABILITY**  
**AGENCY**

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March 14, 2019

Shane Smith  
Kaweah River Basin IRWM Group  
Kaweah Delta Water Conservation District  
2975 N. Farmersville Blvd.  
Farmersville, CA 93223

Dear Mr. Smith:

The Greater Kaweah Groundwater Sustainability Agency ("GKGSA") submits this letter of support for the Lemon Cove Sanitary District Test Wells Pump Test project ("the Project").

We understand the County of Tulare is submitting the application to your IRWM Group on behalf of Lemon Cove Sanitary District ("LCSD") and, since the Project and LCSD are located within our jurisdiction, that our support is relevant to the application.

We understand nitrate contamination is a pressing concern for LCSD. Our hope is that the eventual development and exploitation of the new wells will provide a clean and reliable source of drinking water for LCSD and the Severely Disadvantaged Community that it serves. First, however, the quality and quantity of the water found must be better understood. The Project aims to fill this knowledge gap, and bring LCSD one step closer to resolving its nitrate contamination.

It is for these reasons that GKGSA fully supports LCSD's application to your IRWM group. We look forward to learning of the Project's success.

Sincerely,

Eric C. Osterling,  
General Manager

Enclosures: None

GK L19-0001  
File: GK 101.06.07

### 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)			



December 5, 2018

Lemon Cove Sanitary District

Re: Long term pump test.

Dear Bill,

The following are the current unit rates for pumping the 2 existing wells simultaneously for 15 days.

Rental Fee for Pump, drop pipe wire & meters .....	@\$12000.00/lump	sum
Discharge Pipe .....	@\$23000.00/lump	sum
2 Generators .....	@\$ 5359.00/lump	sum
Set Pumps/Pull Pumps .....	@\$10000.00/lump	sum
15 days of Labor .....	@\$ 6000.00/lump	sum
Fuel .....	@\$12000.00/lump	sum

Estimate of cost: To pump the wells for 15 days the total cost will be **\$68,359.00.**

**This estimate is only valid until January 31, 2019.**

Please call our office if you have questions or need additional information.

Sincerely,  
Dennis M. Rhodes

KENNETH D. SCHMIDT AND ASSOCIATES

GROUNDWATER QUALITY CONSULTANTS

600 WEST SHAW AVE., SUITE 250

FRESNO, CALIFORNIA 93704

TELEPHONE (559) 224-4412

November 29, 2018

Mr. Nick Jacobson  
Provost & Pritchard  
286 W. Cromwell  
Fresno, CA 93711-6162

Re: Lemon Cove SD Long-Term  
Pump Tests

Dear Nick:

Pursuant to your request, following is the proposed scope of work and estimated costs for the simultaneous long-term pump tests on the two new wells. Our previous measurements have demonstrated that the fractures tapped by the two wells are hydraulically inter-connected. For such hardrock wells, pump tests of about two weeks in duration are necessary to determine the long-term yields. Pumping for the test on one well would start about one day before the second, and from then on they would be pumped together continuously.

Proposed Scope of Work

We would provide input on the test procedures and related matters. We would make drawdown measurements for the first two days of pumping. We would train Bill Pensar or an associate on how to read the totalizing flowmeters and measure the pumping levels for the rest of the pumping period (estimated three times per day). We would receive daily updates and maintain a semilog plot of the decreases in pumping rates with time for the constant head test for each well. We would collect water samples at the end of the pumping period, and arrange and pay for the analyses. We would then make recovery measurements for the first day of recovery. After this, Bill Pensar or an associate would make twice a day water-level measurements for the rest of the recovery period (about two weeks). We would obtain daily updates on the recovery measurements. We would plot the water-level recovery for each well on semilog paper.

KENNETH D. SCHMIDT AND ASSOCIATES  
GROUNDWATER QUALITY CONSULTANTS

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From the semilog plots, I would determine the long-term yield of each well if they are pumped simultaneously. I would prepare a letter report on the pump test results.

Estimated Costs

Professional fees would be as follows:

<u>K.D. Schmidt, Principal</u> 8.0 hours @ \$325/hr	\$2,600
<u>C. Lassotovitch, Senior Hydrogeologist</u>	
30.0 hours @ \$150/hr	4,500
<u>M. Scott, Hydrogeologic Aide</u> 36.0 hours @ \$90/hr	3,240

Total professional fees would be \$10,340. Expenses would be as follows:

Mileage Fresno-Lemon Cove-APPL	
(500 miles @ 0.60)	\$ 300
Copies, phonecalls, & delivery charges	70
Chemical analyses (2 @ \$2,00 each)	4,000
Shipping charges	100
Secretarial services (8.0 hours @ \$50/hr)	400
Subtotal:	\$4,870

Total professional fees and expenses would be \$15,210. Please call me if you have any questions.

Sincerely Yours,



Kenneth D. Schmidt

KDS/ms



#### **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.

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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.

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## E. ENVIRONMENTAL

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

<b>CEQA STEP</b>	<b>COMPLETE? (Y/N)</b>	<b>ESTIMATED DATE TO COMPLETE</b>
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.