

**APPENDIX O**  
**EASTERN FRESNO COUNTY MEETING MATERIALS**



Kings Basin Disadvantaged Communities Pilot Study  
Eastern Fresno County Sub-Region

Sponsored by the Upper Kings Basin Integrated Regional Water Management Plan Authority

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# INVITATION

**Representatives of local water providers, board members, local residents and other interested parties are invited to a meeting to discuss regional collaboration to address local water needs.**

**Where: Parlier Unified School District Board Room  
900 Newmark Avenue Parlier CA 93648**

**When: Tuesday October 9, 2012**

**Time: 5:30pm – 7:30pm**

## *Purpose*

This is the first meeting in a series of meetings to discuss an area-wide collaborative approach to water resource planning, to identify common goals, to evaluate joint project ideas, and ultimately to help identify mutually agreed upon regional water projects that provide safe, reliable and affordable water and wastewater services or address other community water needs.

Estudio Piloto Para Las Comunidades de Bajo Recursos  
dentro de la Cuenca Alta de Kings  
Sub-región del Este del Condado de Fresno

Patrocinado por la Autoridad Integrada Regional del Plan de Manejo del Agua de la Cuenca Alta de Kings

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# INVITACION

**Representantes de los proveedores de  
agua locales, miembros de las mesas directivas,  
residentes locales y otras partes interesadas están  
invitadas a una junta para hablar sobre las necesidades  
del agua locales y como la colaboración regional  
puede ser una solución.**

**Donde:** El Distrito Escolar Unificado de Parlier  
Sala de Juntas 900 S. Newmark Ave. Parlier CA 93648

**Cuándo:** martes 9 de octubre 2012

**Hora:** 5:30pm – 7:30pm

## *Propósito*

Para hablar sobre el desarrollo de un enfoque de colaboración regional para la planificación de los recursos hídricos dentro la región de la cuenca de Kings, identificar objetivos comunes, evaluar ideas sobre posibles proyectos unidos, y mas importante ayudar a que juntos puedan identificar proyectos regionales que proporcionan agua limpia, segura y económica, servicios de agua residuales adecuados y/o que hacen frente a otras necesidades del agua de la comunidad.

# Kings Basin Disadvantaged Communities Pilot Study

## Estudio Piloto Para Las Comunidades de Bajo Recursos dentro de la Cuenca de Kings



Eastern Fresno County Sub-Region  
Sub-región del Este del Condado de Fresno  
October 9, 2012  
Sponsored by the Kings Basin Water Authority  
Patrocinado por la Autoridad de la Cuenca de Kings

# Goal of the meeting Meta de la junta

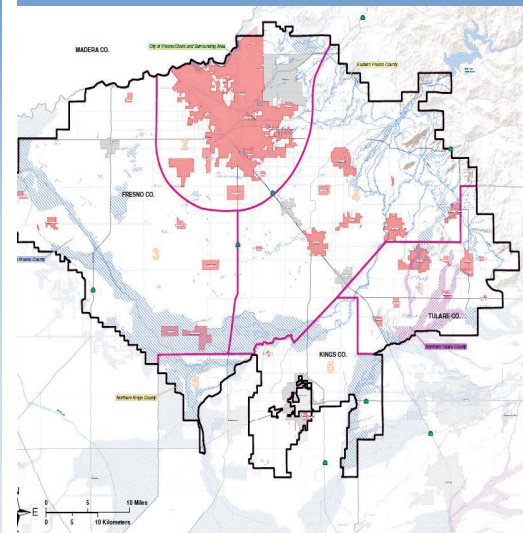
- Provide information on the project
- Learn about our neighbors
  - challenges
  - current needs
  - opportunities
- See if there is interest in setting goals and moving forward
- Proporcionar información sobre el proyecto
- Aprender de nuestros vecinos en la región
  - Problemas
  - Necesidades actuales
  - Oportunidades
- Ver si ahí interese en seguir adelante y establecer metas

# Integrated Regional Water Management Plans Hydrologic Regions of CA and Prop 84 funds



Planes Regionales Integrados  
de Manejo de Agua  
Regiones Hidrológicas de Ca Y  
Dinero de Prop. 84

# Goals of the project Metas del proyecto

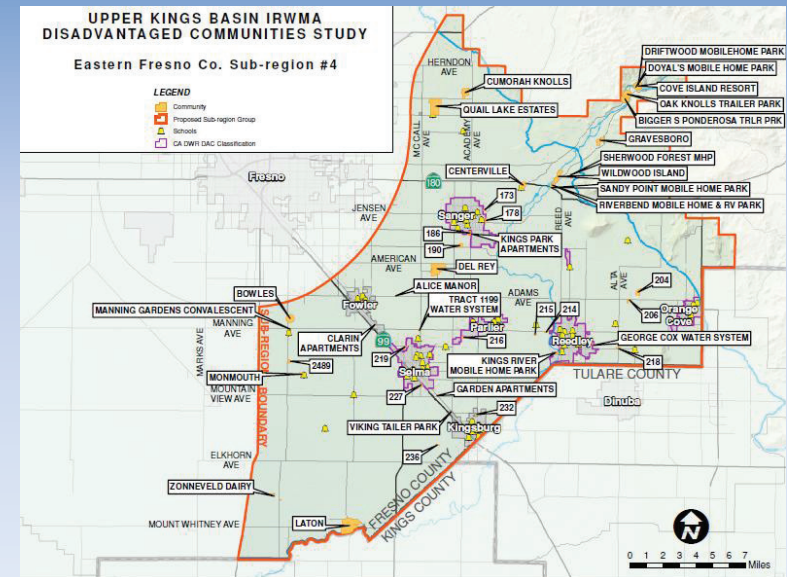


- Document water , wastewater, and storm water related needs of DACs
- ID potential projects that solve DAC water related needs and include in IRWMP master project list
- Support regional collaboration and solutions
- Attract funding to the region (IRWMPs and other)
- ID opportunities for IRWMPs to work better for DACs
- Documentar las necesidades del agua potable, agua residuales y de la lluvia de las DACs
- Identificar proyectos posibles que resuelven las necesidades de l agua de las DACs y incluirlos en la lista de proyectos del IRWMP
- apoyar la colaboración regional y soluciones
- Atraer fondos a la región (IRWMPs y otros
- Identificar oportunidades para asegurar que los IRWMPs funcionen mejor para las DACs.

## What are the five study area sub-regions? ¿Cuales son la cinco regiones del estudio?

- |  |  |
|--|--|
| 1. Northern Tulare County                      | 1. Norte del Condado de Tulare                   |
| 2. Western Fresno County                       | 2. Región del Oeste del Condado de Fresno        |
| 3. City of Fresno/Clovis and surrounding areas | 3. Ciudad de Fresno / Clovis y las áreas vecinas |
| 4. Eastern Fresno County                       | 4. Este del Condado de Fresno                    |
| 5. Northern Kings                              | 5. Norte del Condado de Kings                    |

## Eastern Fresno County Sub-Region Sub-región del Este del Condado de Fresno



## How the study and project team can help you achieve solutions Como el estudio y el equipo le puede ayudar a lograr soluciones

### Community Water Center

- Facilitate meetings with your neighbors to support joint projects
- Help Identify and address concerns/barriers

### Self Help Enterprises

- Providing data gathering and technical assistance

### Provost and Pritchard

- Engineering support and analysis

### El Centro Comunitario Por el Agua

- Facilitar juntas con sus vecinos y apoyar los proyectos conjuntos
- Ayudar a identificar y buscar soluciones a las preocupaciones y barreras

### Self Help Enterprises

- Proporcionar asistencia técnica y a recuadrar datos

### Provost and Pritchard

- Apoyo de ingeniera y alisáis

## Types of analysis that can help address concerns of the region Tipos de análisis que pueden ayudar a solucionar las preocupaciones de la región

### Project Scenarios Analysis

- Preliminary Grant Application
  - Examples: Well(s), Pipeline, Treatment Blending
- Rate Impact Analysis or Rate Comparison
- Shared Service Study
  - Evaluate agencies for shared services and needs trying to improve economy of scale

### Análisis de los escenarios de los proyectos

- Aplicación preliminar para becas
  - Ejemplo: Pozo(s), Pipas, Tratamiento Mezclado
- Análisis del impacto a la tarifa o comparación de las tarifas
- Estudio de Servicios Compartidos
  - Evaluar a las agencias para los servicios compartidos y necesidades para tratar de mejorar las economías de escala

## Summary of opportunities through this study Resumen de las oportunidades a través de este estudio

- Introduction to regional water management and planning
- Immediate funding to pursue sustainable solutions
- Opportunity to leverage funding to your region through IRWMPs and other sources
- Introducción a el manejo regional de agua y planificación
- Financiamiento de inmediato para perseguir soluciones sostenible
- Oportunidad para que su región obtenga fondos con el IRWMP y otras fuentes

## What the process of opportunities looks like El proceso de las oportunidades

### Pilot Projects

- 1-2 pilot projects per sub region

### Facilitation

- 3-4 meetings
  - Introduction of project (Study)
  - Prioritizing water needs of region
  - Selection of a pilot project
  - Project team report back

### Project timeline

- Spring 2012 – March of 2013

### Stronger voice for the region

- DACs are engaged in IRWMPs
- Seeking implementation funds

### Proyectos pilotos

- 1-2 proyectos por cada sub región

### Facilitación

- 3-4 juntas
  - Presentación del proyecto (estudio)
  - Priorización de las necesidades de agua de la región
  - La selección de un proyecto piloto
  - Reporte a la región por parte del equipo del proyecto

### Plazo del proyecto

- Primavera del 2012 a marzo del 2013
- Un voz mas fuerte para la región
  - Las DACs forman parte del los IRWMPs
  - Aplicando para becas de implementación

## Regional Collaboration: what it means and how it can help Colaboración regional: que significa y como puede ayudar

**Regional Collaboration does not necessarily mean Physical Consolidation “pipe to pipe” or Full Consolidation**

**Colaboración Regional no necesariamente significa Consolidación física “la unión de pipas” o Consolidación Completa**

- Managerial Consolidation
- Operational Consolidation (Technical)
- Physical consolidation
- Full consolidation
- Consolidación Administrativa
- Consolidación operativa (técnica)
- Consolidación física
- Consolidación completa

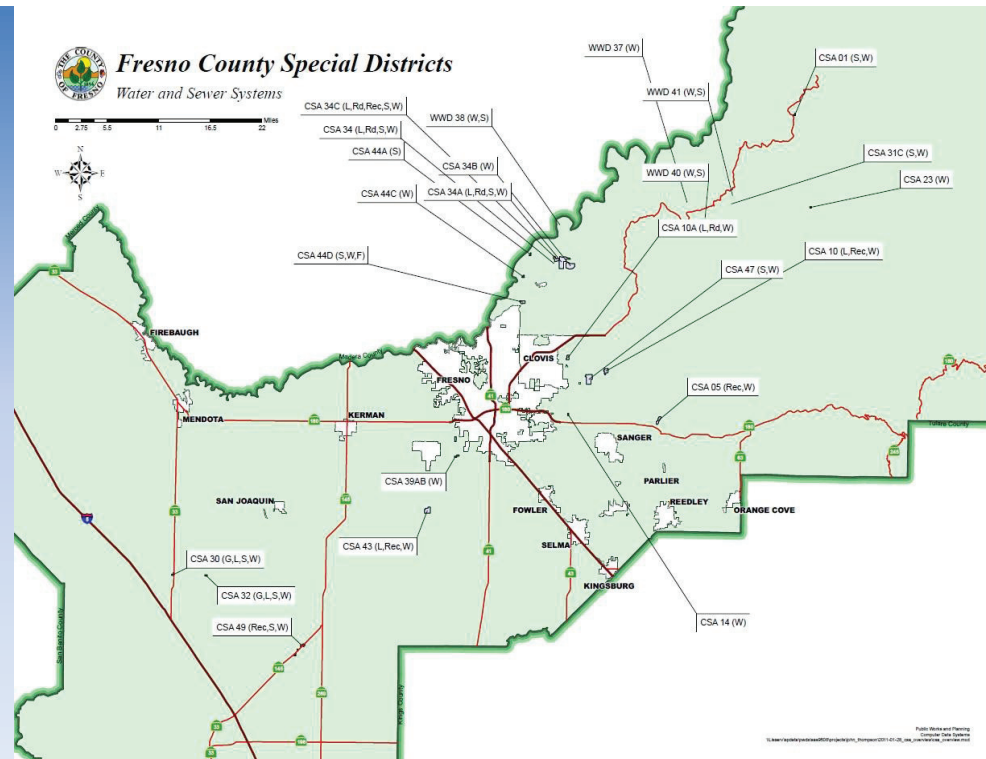
## Consolidation – Management Example Ejemplo de Consolidación Administrativa

### County of Fresno – Special Districts

- Manage 129 special districts
  - Roads
  - Water/Wastewater
  - Street lighting
- Operate 22 water and 12 wastewater systems
  - Field Supervisor
  - 7 certified water/wastewater operators
  - 3 water/wastewater technicians

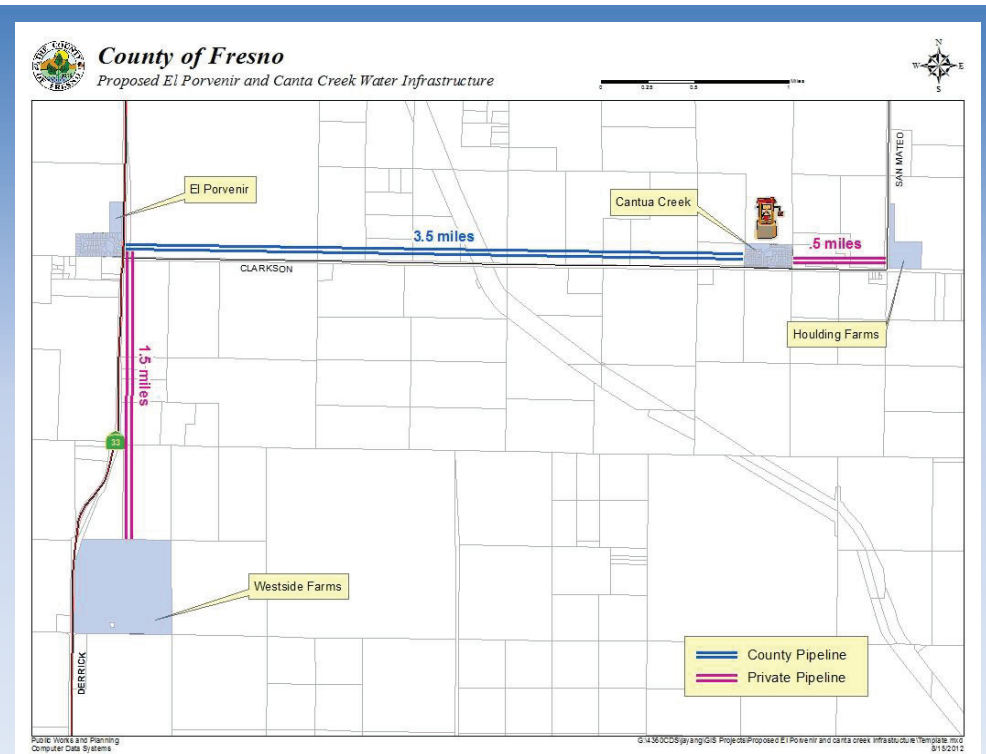
### Condado de Fresno – Distritos Especiales

- Maneja 129 distritos especiales
  - Calles
  - Agua/Aguas Residuales
  - Iluminación de las calles
- Opera 22 sistemas de agua y 12 sistemas de agua residuales
  - Un supervisor del área
  - 7 operadores certificados de agua/aguas residuales
  - 3 técnicos de agua/agua residuales



## Consolidation – Infrastructure Consolidación Infraestructura

- County Service Area 30 – El Porvenir and County Service Area 32 – Cantua Creek are being considered for connecting surface water facilities
- In addition two potential private water systems that serve labor camp housing are being considered for connection to Cantua Creek and El Porvenir
- El Área de Servicio del Condado 30 – El Porvenir y el Área de Servicio del Condado 32 – Cantua Creek están siendo considerados para la conexión de los servicios de agua superficial
- Además dos posiblemente sistemas de agua privados que proporcionan agua a los campamentos de trabajo están siendo considerados para la conexión de servicios a Cantua Creek and El Provenir



## Consolidation – Private Sector Example Ejemplo de Consolidación del Sector Privado

- Private Company to takeover operations and own all the infrastructure
- Quail Lake community is currently going through the process with Cal Water
- Cal Water currently provides service to City of Selma
- Una Compañía Privada toma la responsabilidad de la operación y se convierte en dueño de toda la infraestructura
- La comunidad de Quail lake esta actualmente pasando por este proceso con la compañía Cal Water
- La Compañía Cal Water actualmente le esta proporcionando servicio a la ciudad de Selma



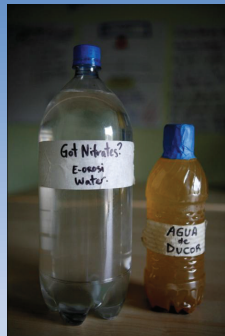
## Consolidation – Private Sector Example Ejemplo de Consolidación – Sector Privado

Comparison of Water/Sewer rates

Comparación de las tarifas de Agua y Drenaje

County Service Area 47 – Quail Lake Water & Sewer Monthly Fee (Public) Area de Servicio del Condado 47 – Quail Lake Tarifa de agua y drenaje (Publico)	Quail Lake Fee through Cal-Water (Private) Tarifa de Servicios por Cal Water (Privado)
Summer Rate (Median User) \$180.33 Tarifa del Verano (Usuario típico) \$180.33	Summer Rate (Median User) \$169.77 Tarifa del Verano (Usuario típico) \$169.77
Winter Rate (Median User) \$143.88 Tarifa del Invierno (Usuario Típico) \$143.88	Winter Rate (Median User) \$133.95 Tarifa del Invierno (Usuario Típico) \$133.95

## Lower Rio Grande Public Water Works Authority Autoridad de Servicios de Agua de Lower Rio Grande



**LEARN FROM OUR NEIGHBORS: HOW WE  
LOOK AS A REGION?**

**APRENDER DE NUESTROS VECINOS:  
¿COMO NOS VEMOS COMO REGIÓN?**

## Benefits of collaboration Beneficios de colaboración

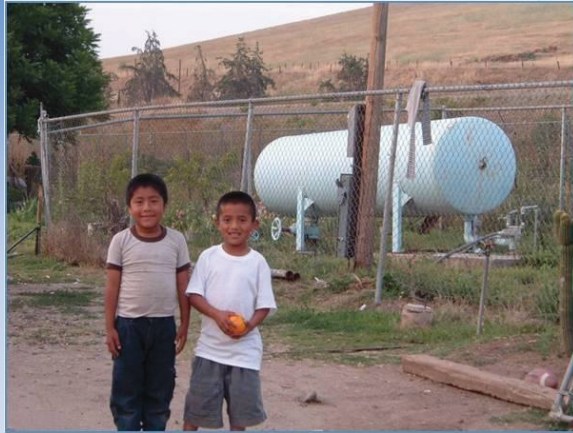


- Helps identify possible solutions to secure better services
- Reduce vulnerabilities
- Creates larger economies of scale
- Build a stronger voice to bring funding to the region

- Ayuda identificar soluciones para asegurar mejores servicios
- Reduce las vulnerabilidades
- Desarrolla economías de escala mas grande
- Desarrolla una voz mas poderosa para atraer fondos a la región

# Break Out Sessions

## Sesión de los grupos de trabajo



## BREAK DESCANSO



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• What are the benefits of collaboration?</li> </ul>   | <ul style="list-style-type: none"> <li>• ¿Cuáles son los beneficios de colaboración?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Who needs to be involved in order for a collaborative effort to be successful and attract more funding to the region?</li> </ul>   | <ul style="list-style-type: none"> <li>• ¿Quién debe estar involucrado para que un esfuerzo de colaboración tenga éxito y pueda atraer más fondos a la región?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• What information or data is needed in order to work together?</li> </ul>   | <ul style="list-style-type: none"> <li>• ¿Qué información es necesaria para trabajar juntos?</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Does this area, or communities in the area, have any positive experiences with area-wide planning? If so, what accounted for the success?             <ul style="list-style-type: none"> <li>– And what can experience teach us about what to do and not to do in this project?</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• ¿Cuál son los datos que la mayoría de la gente acepta tocante la situación del agua en esta área?</li> <li>• ¿Cuáles datos no deben ser compartidos?</li> </ul>                                      |
| <ul style="list-style-type: none"> <li>• Are there any obstacles to collaboration that have to be overcome?</li> </ul>  | <ul style="list-style-type: none"> <li>• ¿Tiene algunas experiencias positivas en esta área con planificación de esta región? Si es así que fue la razón(es) del éxito?</li> <li>• ¿Que aprendimos de este proceso (bueno y malo)?</li> </ul> |
| <ul style="list-style-type: none"> <li>• Are there any risks to going forward with a collaborative effort? If so, what are they?</li> </ul>   | <ul style="list-style-type: none"> <li>• ¿Hay algunos obstáculos a la colaboración que se tienen que superar?</li> </ul>  |
| <ul style="list-style-type: none"> <li>• What are the risks of not moving forward with a collaborative effort?</li> </ul>   | <ul style="list-style-type: none"> <li>• ¿Existe algún riesgo a seguir adelante con un esfuerzo de colaboración? Si es así, ¿cuáles son?</li> <li>• ¿Cuáles son los riesgos de no seguir adelante con un esfuerzo de colaboración?</li> </ul> |

## Where do we go from here? ¿Que son los próximos pasos?

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Is there interest in regional collaboration?</li> </ul>  | <ul style="list-style-type: none"> <li>• Hay interés?</li> </ul>  |
| <ul style="list-style-type: none"> <li>• What do we need more info on?</li> </ul>   | <ul style="list-style-type: none"> <li>• Que información nos falta?</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Are we ready?             <ul style="list-style-type: none"> <li>– What do we want to work on</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Estamos listos para seguir adelante?             <ul style="list-style-type: none"> <li>– En que queremos trabajar?</li> </ul> </li> </ul> |

## Next meeting

- Next meeting (day of the week)
- Meeting location
- Agenda items for future meeting
- Próxima junta (día de la semana)
- Lugar de la junta
- Temas para la agenda de juntas próximas

## For more information: Para mas información:

- **Project Team:**  
Lon Martin – *Provost & Pritchard*  
Phone: 559.449.2700 e-mail:  
[lmartin@ppeng.com](mailto:lmartin@ppeng.com)
- Maria Herrera – *Community Water Center*  
Phone: 559.733.0219 e-mail:  
[maria.herrera@communitywatercenter.org](mailto:maria.herrera@communitywatercenter.org)
- Paul Boyer – *Self Help Enterprises*  
Phone: 559.802.1681 e-mail:  
[paulb@selfhelpenterprises.org](mailto:paulb@selfhelpenterprises.org)
- **Project website:**  
[http://www.krcd.org/water/ukbirwma/dac\\_pilot\\_study.html](http://www.krcd.org/water/ukbirwma/dac_pilot_study.html)
- **Equipo del proyecto:**  
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- Paul Boyer – *Self Help Enterprises*  
Teléfono: 559.802.1681 Correo electrónico:  
[paulb@selfhelpenterprises.org](mailto:paulb@selfhelpenterprises.org)
- **Página de internet del proyecto:**  
[http://www.krcd.org/water/ukbirwma/dac\\_pilot\\_study.html](http://www.krcd.org/water/ukbirwma/dac_pilot_study.html)

**Upper Kings Basin Disadvantaged Communities Pilot Study**  
**Eastern Fresno County Sub Region-Kick off meeting**  
**October 8, 2012**  
**Parlier Unified School District**

**Minutes**

**1. Introductions, review of the agenda and goal of the meeting**

Maria welcomed everyone and began introductions. Maria reviewed the agenda and explained that the goal of this meeting would be to provide information on the project, learn about our neighbors, including discussing what some of the challenges, current needs and opportunities are with the ultimate goal of identifying if there is interest in setting goals and moving forward with this effort.

**2. Goals and purpose of the project**

Maria began discussing the goals and purpose of the project by providing background information on the Integrated Regional Water Management Plans. She noted that these plans were determined by hydrologic regions within the State of California and that a billion dollar of Prop 84 funds were allocated to promote regional water management and planning. She described them as general plans for water and highlighted the Tulare Lake Basin Region had been allocated 60 million to fund water projects, of which at least ten percent must go to disadvantaged community water needs. She also noted that the disadvantaged communities have had a hard time engaging in these efforts and that this study is seeking to ensure these efforts work better for them. She explained that the study was seeking to document water , wastewater, and storm water related needs of DACs, Identify potential projects that solve DAC water related needs and include in IRWMP master project list and support regional collaboration and solutions to attract funding to the region either through IRWMPs funding or other sources.

Maria then passed out maps showing the focus area of the study and explained that the region was divided into sub-regions in order to try and break things down to a smaller scale to allow for more meaningful manageable collaboration (in terms of developing projects).

Maria talked about how the study and project team can help achieve solutions. She introduced Community Water Center's role in this project, noting that CWC's role is to facilitate the meetings, and help identify and address the concerns/barriers. Paul Boyer talked about the role for SHE (providing data gathering and tech. assistance), and Heather, talked about the role for Provost and Pritchard (engineering support and analysis). She also talked about the types of analysis that can help address the concerns of the region: Preliminary Grant Application, Rate Impact Analysis or Rate Comparison, Shared Service Study. She mentioned that there are funds that can cover the preliminary work and the construction documents.

Maria provided a recap of opportunities through this study, saying that the study provides Introduction to regional water management and planning, immediate funding to pursue sustainable solutions and an opportunity to leverage funding to your region through IRWMPs and other sources.

### **3. Regional Collaboration: what it means, specific case studies and how it can benefit our communities**

Maria then discussed regional collaboration: what it means and how it can help. She clarified the differences between different types of consolidation: Managerial, operational, physical and full consolidation (see hand out). She noted that communities in New Mexico have had much success in addressing their drinking water challenges by pursuing these types of efforts. She then invited Joe Prado, from Fresno County to provide specific case studies on local collaboration efforts happening locally through the County's special districts.

Joe Prado began showing examples of what consolidation has already taken place in this region. He talked about the special districts of the County of Fresno specifically. He talked about the infrastructure consolidation and physical consolidation and private sector example as well. He showed the comparison of water/sewer rates.

Abigail Solis briefly went over the Lower Rio Grande project that was so successful in New Mexico.

### **4. How we look as a region**

Maria asked the attendant to discuss the water needs in their communities.

The participants from Laton noted that the community is facing storm water issues and that they are paying \$110 for water, sewer, fire and storm drain.

The Del Rey participant noted that their community needs help in both sewer and water, explained that they have deteriorating wells and that DBCP has been found in the some of their wells. He also noted that the water demands are increasing. He also mentioned a number of Sanger schools who are facing drinking water challenges and who could benefit from working with others. He agreed to invite them to future meetings and/or to share the contact information with the project team.

Paul mentioned that although Orange Cove was not present at the meeting he was aware that they are in need of a backup water supply because they rely completely on surface water and face significant challenges when the canal goes down for maintenance.

### **5. Group discussion of regional collaborations**

Maria touched on the benefit of collaboration but noted that is a new concept for many and encouraged them to think about the potential benefits and concerns with the new concept. Abi then lead the group discussion asking them to answer specific questions.

#### What are the benefits of collaboration?

- cost saving and reduction
- school districts with contaminated water can get help connecting (Sanger Unified, Lonestar, Fairmont)

#### Who needs to be involved in order for a collaborative effort to be successful and attract more funding to the region?

- Schools

- Riverdale
- Mobile home parks?

What information or data is needed in order to work together?

- Contacts

Does this area have any positive experiences with area-wide planning? What accounted for the success? And what can experience teach us about what to do and not to do in this project?

- The participants did not mention any specific examples besides what Joe mentioned.

Are there any obstacles to collaboration that have to be overcome?

- Participation of other local communities

Are there any risks to going forward with a collaborative effort? What are they?

- No risks were mentioned

What are the risks of not moving forward with a collaborative effort?

- nothing gets solved
- situations get worse

## **6. Summarizing main points of meeting and next steps**

Abi then asked participants their interest in regional collaboration and they said they were. When asked what information was needed, the Del Rey Participant asked to include a representative from the Department of Public Health to discuss the current water needs and potential funding sources.

Maria noted that Carolina, the Research Scientist for Community Water Center would be present at the next meeting to provide a presentation on the current water needs of the region according to data available through sources such as CDPH. Maria also noted that an invite was and will be sent again to the CDPH representative for the region and that she had participated in other meetings held in other sub-regions.

## **7. Next meeting, meeting location and agenda items for future meetings**

Participants noted that the meeting location and time worked well and agreed to continue to hold meetings here. The next meeting was set for Thursday Nov. 15 from 5-7PM.

# Kings Basin Disadvantaged Communities Pilot Study

## Estudio Piloto Para Las Comunidades de Bajos Recursos dentro de la Cuenca de Kings



Eastern Fresno County Sub Region meeting # 2  
Sub-región del Este del Condado de Fresno junta # 2  
November 15, 2012  
Sponsored by the Kings Basin Water Authority  
Patrocinado por la Autoridad de la Cuenca de Kings

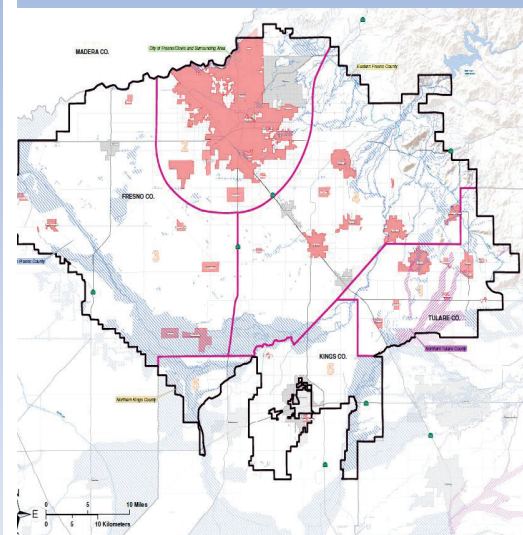
# Agenda

- Introductions
- Resumen de las metas y objetivos del proyecto y de las ultimas juntas
- Summary of project goals and objective and past meetings
- Como los vemos como región
- How we look as a region
- Descanso
- Break
- Sesión usando el mapa: necesidades y oportunidades para la región
- Mapping exercise: needs and opportunities for the region
- Reporte de la sesión de los grupos de trabajo
- Report back from breakout session
- Próximos pasos?
- Where do we go from here?
- Próxima junta
- Next meeting

# Goal of the meeting Meta de la junta

- Provide a summary of the project goals and objectives and how your community can benefit
- Resume n de las metas y objetivos del proyecto y como pueden beneficiar a su comunidad
- Discuss and begin to prioritize community water issues
- Hablar y empezar a dar prioridad a las necesidades del agua de la comunidad
- Identify and discuss potential opportunities to work together to obtain funding for water related improvements for your community
- Identificar las posibles oportunidades para trabajar juntos, explorar posibles proyectos conjuntos en un esfuerzo para obtener fondos relacionados con el agua para su comunidad

# Summary of goals of the project Resume del proyecto y sus metas

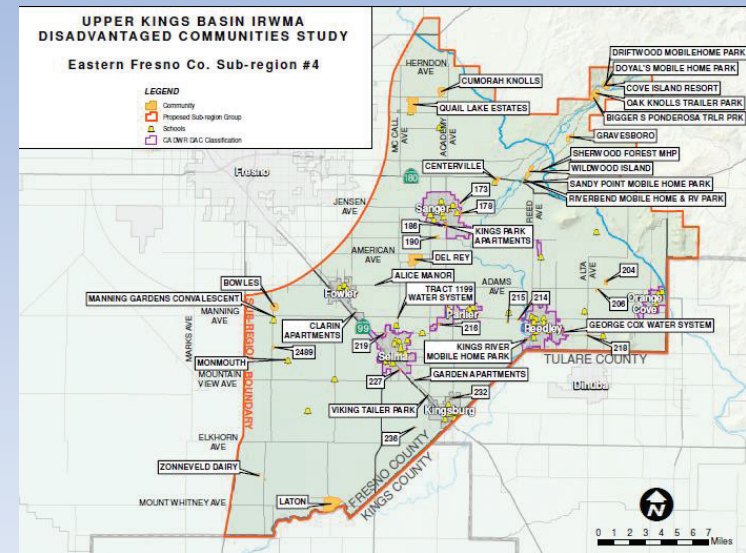


- Document water , wastewater, and storm water related needs of DACs
- ID potential projects that solve DAC water related needs and include in IRWMP master project list
- Support regional collaboration and solutions
- Attract funding to the region (IRWMPs and other)
- ID opportunities for IRWMPs to work better for DACs
- Documentar las necesidades del agua potable, agua residuales y de la lluvia de las DACs
- Identificar proyectos posibles que resuelven las necesidades de l agua de las DACs y incluirlos en la lista de proyectos del IRWMP
- apoyar la colaboración regional y soluciones
- Atraer fondos a la región (IRWMPs y otros)
- Identificar oportunidades para asegurar que los IRWMPs funcionen mejor para las DACs.

## What are the five study area sub-regions? ¿Cuales son las cinco regiones del estudio?

- |  |  |
|--|--|
| 1. Northern Tulare County                      | 1. Norte del Condado de Tulare                   |
| 2. City of Fresno/Clovis and surrounding areas | 2. Ciudad de Fresno / Clovis y las áreas vecinas |
| 3. Western Fresno County                       | 3. Occidental del Condado de Fresno              |
| 4. Eastern Fresno County                       | 4. Este del Condado de Fresno                    |
| 5. Northern Kings                              | 5. Norte del Condado de Kings                    |

## Eastern Fresno County Sub Region Región del Este del Condado de Fresno



## Project team to help you achieve solutions El equipo del proyecto para ayudarle a lograr soluciones

### Community Water Center

- Facilitate meetings with your neighbors to support joint projects
- Help Identify and address concerns/barriers

### Self Help Enterprises

- Providing data gathering and technical assistance

### Provost and Pritchard

- Engineering support and analysis

### El Centro Comunitario Por el Agua

- Facilitar juntas con sus vecinos y apoyar los proyectos conjuntos
- Ayudar a identificar y buscar soluciones a las preocupaciones y barreras

### Self Help Enterprises

- Proporcionar asistencia técnica y a recuadrar datos

### Provost and Pritchard

- Apoyo de ingeniera y análisis

## Types of analysis that can help address concerns of the region Tipos de análisis que pueden ayudar a solucionar las preocupaciones de la región

### Project Scenarios Analysis

- Preliminary Grant Application
  - Examples: Well(s), Pipeline, Treatment Blending
- Rate Impact Analysis or Rate Comparison
- Shared Service Study
  - Evaluate agencies for shared services and needs trying to improve economy of scale

### Análisis de los escenarios de los proyectos

- Aplicación preliminar para becas
  - Ejemplo: Pozo(s), Pipas, Tratamiento Mezclado
- Análisis del impacto a la tarifa o comparación de las tarifas
- Estudio de Servicios Compartidos
  - Evaluar a las agencias para los servicios compartidos y necesidades para tratar de mejorar las economías de escala



## What the process of opportunities looks like El proceso de las oportunidades

### Pilot Projects

- 1-2 pilot projects per sub region

### Facilitation

- 3-4 meetings
  - Introduction of project (Study)
  - Prioritizing water needs of region
  - Selection of a pilot project
  - Project team report back

### Project timeline

- Spring 2012 – March of 2013

### Stronger voice for the region

- DACs are engaged in IRWMPs
- Seeking implementation funds

### Proyectos pilotos

- 1-2 proyectos por cada sub región

### Facilitación

- 3-4 juntas
  - Presentación del proyecto (estudio)
  - Priorización de las necesidades de agua de la región
  - La selección de un proyecto piloto
  - Reporte a la región por parte del equipo del proyecto

### Plazo del proyecto

- Primavera del 2012 a marzo del 2013

### • Un voz mas fuerte para la región

- Las DACs forman parte del los IRWMPs
- Aplicando para becas de implementación

## Regional Collaboration: what it means and how it can help Colaboración regional: que significa y como puede ayudar

**Regional Collaboration does not necessarily mean Physical Consolidation “pipe to pipe ” or Full Consolidation**

**Colaboración Regional no necesariamente significa Consolidación física “la unión de pipas” o Consolidación Completa**

- Managerial Consolidation
- Operational Consolidation (Technical)
- Physical consolidation
- Full consolidation
- Consolidación Administrativa
- Consolidación operativa (técnica)
- Consolidación física
- Consolidación completa

## Summary of last meeting Resumen de la ultima junta

### Interests/Benefits:

- Cost saving and reduction
- School districts with contaminated water can get help connecting (Sanger Unified, Lonestar, Fairmont)

### Concerns:

- Things getting worse if nothing is done

### Interés/Beneficios:

- Ahorros y reducción de los costos
- Distritos escolares con agua contaminada pueden ser ayudados con una conexión a otros (Sanger Unified, Lonestar and Fairmont)

### Preocupaciones:

- Que se empeoren las cosas si nada sucede

## Summary continued... Resumen continua...

### Identified community water issues

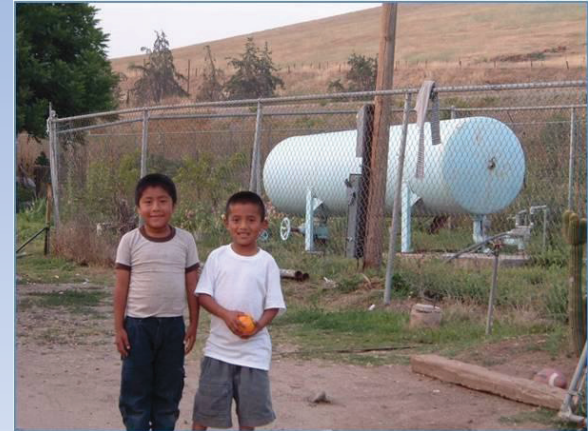
- Laton
  - Storm water issues
- Del Rey
  - Drinking water quality (DBCP) and capacity (increasing demand and deteriorating wells)
  - Wastewater
- Orange Cove
  - Drinking water (need additional sources)

### Los temas del agua identificados

- Laton
  - Temas con el agua de las lluvias
- Del Rey
  - Agua potable calidad (DBCP) y capacidad (aumento de la demanda de agua y pozos viejos)
  - Problemas con las aguas residuales
- Orange Cove
  - Agua potable (necesitan otras fuentes adicionales)

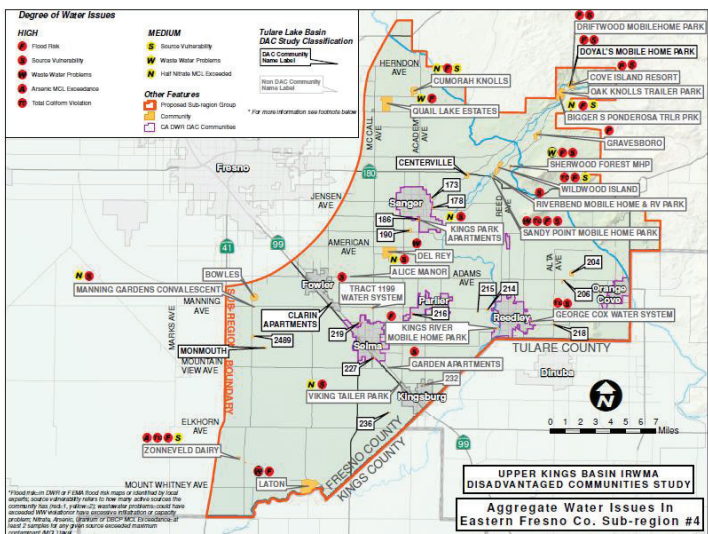


**LEARN FROM OUR NEIGHBORS: HOW WE LOOK AS A REGION?**  
**APRENDER DE NUESTROS VECINOS: ¿COMO NOS VEMOS COMO REGIÓN?**



**BREAK DESCANSO**

**Mapping exercise: Needs and Opportunities for the Region**  
**Sesión usando el mapa: Necesidades y oportunidades para la región**



**Report back**  
**Reporte al grupo**



## Where do we go from here? ¿Que son los próximos pasos?

- What are the key priority issues for the region?
- What are some concerns, questions or opportunities that you see?
- What support or information do you need from us?
- ¿Cuáles son los temas de prioridad para la región?
- ¿Cuáles son algunas de las preocupaciones, preguntas o las oportunidades que usted ve?
- ¿Qué apoyo o información necesita de nosotros?

## Next meeting Próxima junta

- Next meeting
- Meeting location
- Agenda items for future meeting
- Próxima junta
- Lugar de la junta
- Temas para la agenda de juntas próximas

## For more information: Para mas información:

- **Project Team:**  
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  - Paul Boyer – *Self Help Enterprises*  
Phone: 559.802.1681 e-mail:  
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  - Paul Boyer – *Self Help Enterprises*  
Teléfono: 559.802.1681 Correo electrónico:  
[paulb@selfhelpenterprises.org](mailto:paulb@selfhelpenterprises.org)
- Project website:**  
[http://www.krcd.org/water/ukbirwma/dac\\_pilot\\_study.html](http://www.krcd.org/water/ukbirwma/dac_pilot_study.html)
- Página de internet del proyecto:**  
[http://www.krcd.org/water/ukbirwma/dac\\_pilot\\_study.html](http://www.krcd.org/water/ukbirwma/dac_pilot_study.html)

Kings Basin Disadvantaged Communities Pilot Study  
Eastern Fresno County Sub-Region

Sponsored by the Upper Kings Basin Integrated Regional Water Management Plan Authority

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# INVITATION

**Representatives of local water providers, board members, local residents and other interested parties are invited to a meeting to discuss regional collaboration to address local water needs.**

**Where: Parlier Unified School District Board Room  
900 Newmark Avenue Parlier CA 93648**

**When: Tuesday October 9, 2012**

**Time: 5:30pm – 7:30pm**

## *Purpose*

This is the first meeting in a series of meetings to discuss an area-wide collaborative approach to water resource planning, to identify common goals, to evaluate joint project ideas, and ultimately to help identify mutually agreed upon regional water projects that provide safe, reliable and affordable water and wastewater services or address other community water needs.

Estudio Piloto Para Las Comunidades de Bajo Recursos  
dentro de la Cuenca Alta de Kings  
Sub-región del Este del Condado de Fresno

Patrocinado por la Autoridad Integrada Regional del Plan de Manejo del Agua de la Cuenca Alta de Kings

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# INVITACION

**Representantes de los proveedores de  
agua locales, miembros de las mesas directivas,  
residentes locales y otras partes interesadas están  
invitadas a una junta para hablar sobre las necesidades  
del agua locales y como la colaboración regional  
puede ser una solución.**

**Donde:** El Distrito Escolar Unificado de Parlier  
Sala de Juntas 900 S. Newmark Ave. Parlier CA 93648

**Cuándo:** martes 9 de octubre 2012

**Hora:** 5:30pm – 7:30pm

## *Propósito*

Para hablar sobre el desarrollo de un enfoque de colaboración regional para la planificación de los recursos hídricos dentro la región de la cuenca de Kings, identificar objetivos comunes, evaluar ideas sobre posibles proyectos unidos, y mas importante ayudar a que juntos puedan identificar proyectos regionales que proporcionan agua limpia, segura y económica, servicios de agua residuales adecuados y/o que hacen frente a otras necesidades del agua de la comunidad.

**Degree of Water Issues**

**HIGH**

- F** Flood Risk
- S** Source Vulnerability
- W** Waste Water Problems
- A** Arsenic MCL Exceedance
- TC** Total Coliform Violation

**MEDIUM**

- S** Source Vulnerability
- W** Waste Water Problems
- N** Half Nitrate MCL Exceeded

**Other Features**

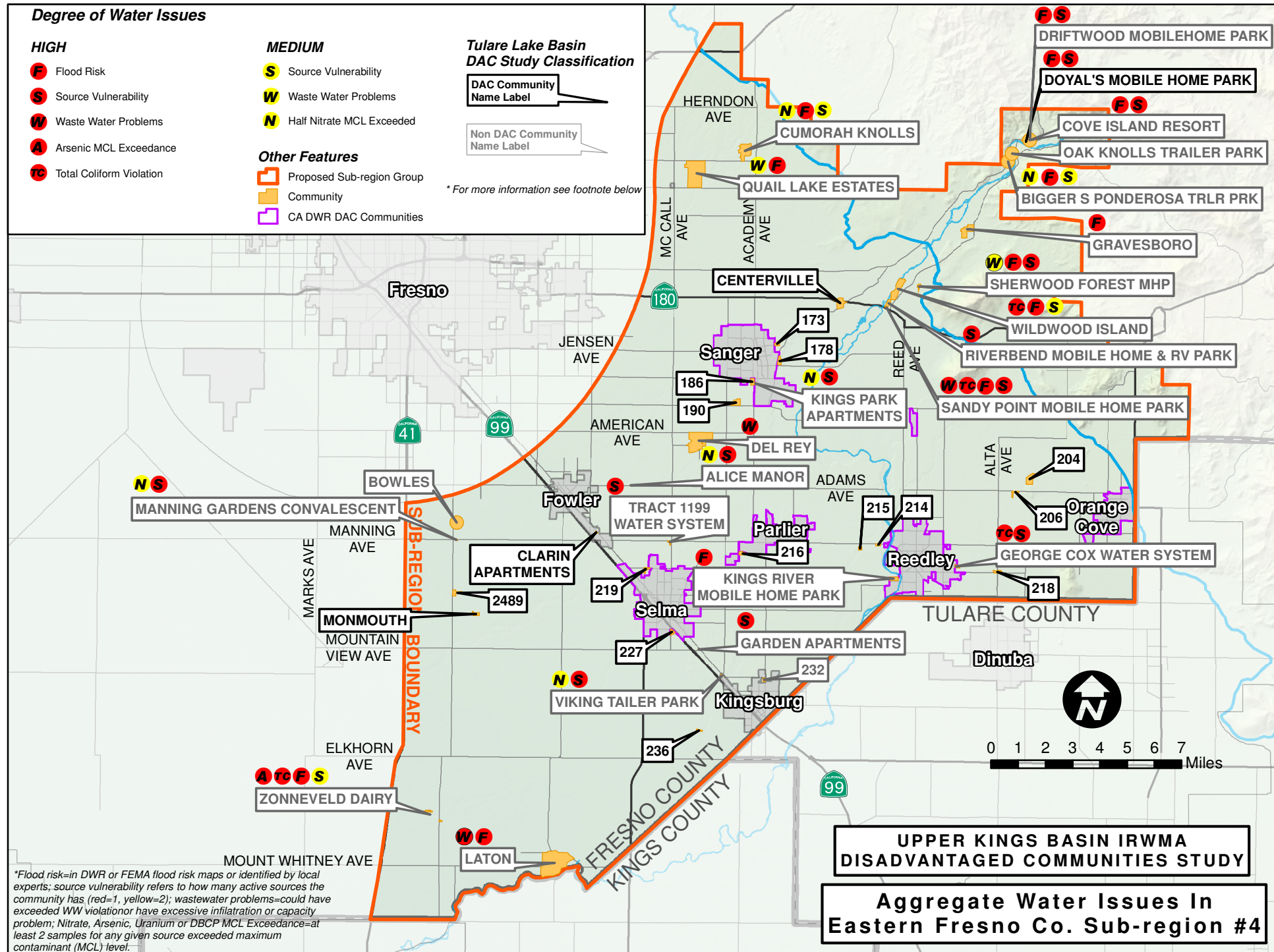
- Proposed Sub-region Group
- Community
- CA DWR DAC Communities

**Tulare Lake Basin  
DAC Study Classification**

DAC Community Name Label

Non DAC Community Name Label

\* For more information see footnote below



\*Flood risk=in DWR or FEMA flood risk maps or identified by local experts; source vulnerability refers to how many active sources the community has (red=1, yellow=2); wastewater problems=could have exceeded WW violation or have excessive infiltration or capacity problem; Nitrate, Arsenic, Uranium or DBCP MCL Exceedance=at least 2 samples for any given source exceeded maximum contaminant (MCL) level.

**UPPER KINGS BASIN IRWMA  
DISADVANTAGED COMMUNITIES STUDY**

**Aggregate Water Issues In  
Eastern Fresno Co. Sub-region #4**

### Grado de Problemas de Agua

#### ALTO

- F** Riesgo de inundacion
- S** Vulnerabilidad de la fuente de agua
- W** Problemas con sistema de aguas negras
- A** Sobre-paso el MCL de arsenicum
- TC** Violacion del MCL de Coliformes Totales

#### MEDIANO

- S** Vulnerabilidad de la fuente de agua
- W** Problemas con sistema de aguas negras
- N**

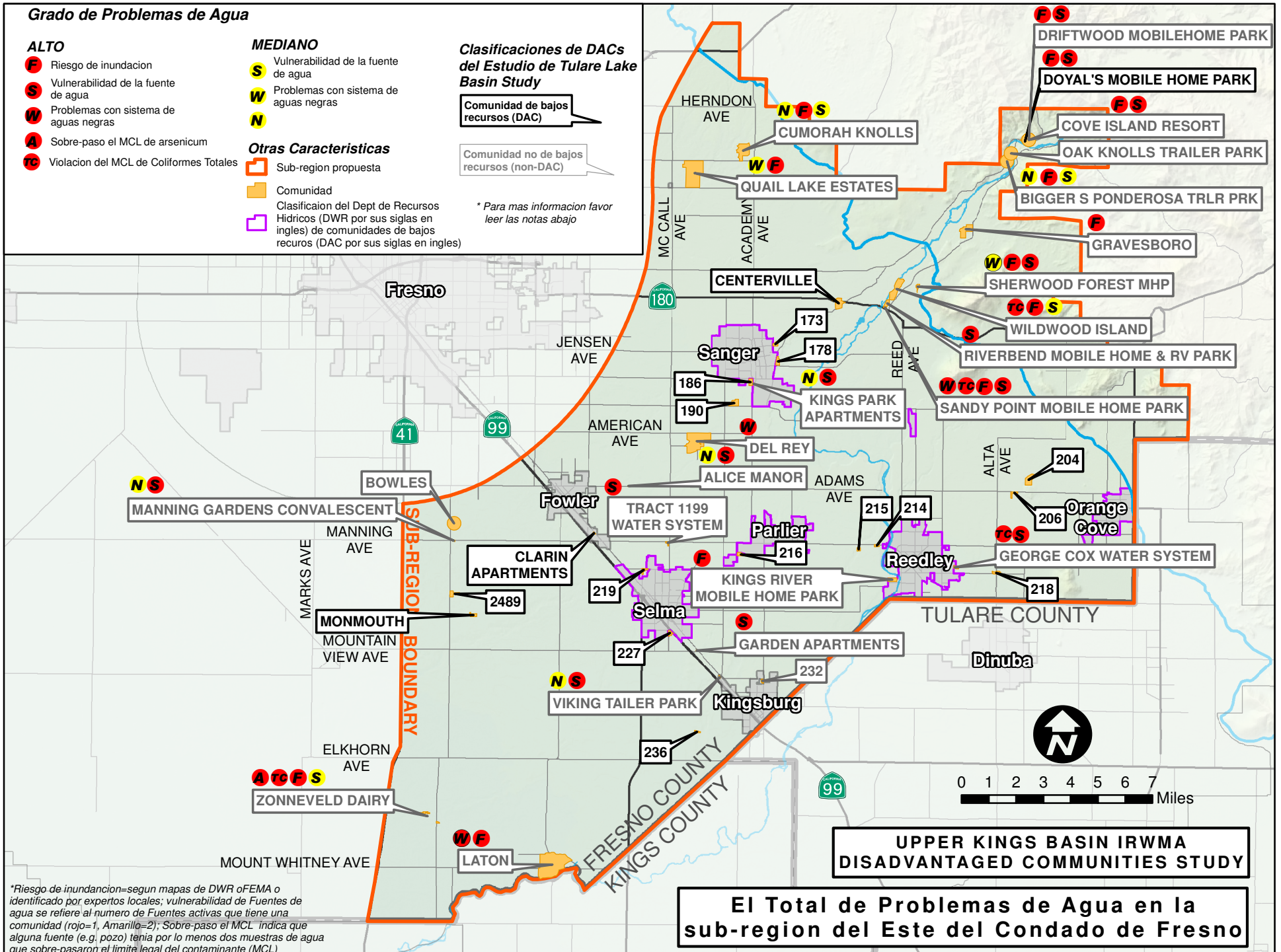
#### Otras Caracteristicas

- Sub-region propuesta
- Comunidad
- Clasificacion del Dept de Recursos Hidricos (DWR por sus siglas en ingles) de comunidades de bajos recursos (DAC por sus siglas en ingles)

#### Clasificaciones de DACs del Estudio de Tulare Lake Basin Study

- Comunidad de bajos recursos (DAC)
- Comunidad no de bajos recursos (non-DAC)

\* Para mas informacion favor leer las notas abajo



\*Riesgo de inundacion=segun mapas de DWR oFEMA o identificado por expertos locales; vulnerabilidad de Fuentes de agua se refiere al numero de Fuentes activas que tiene una comunidad (rojo=1, Amarillo=2); Sobre-paso el MCL indica que alguna fuente (e.g. pozo) tenía por lo menos dos muestras de agua que sobre-pasaran el limite legal del contaminante (MCL)

**UPPER KINGS BASIN IRWMA DISADVANTAGED COMMUNITIES STUDY**  
**El Total de Problemas de Agua en la sub-region del Este del Condado de Fresno**

WATER SYSTEM CHARACTERISTICS								FLOOD RISK	WATER QUALITY			WASTEWATER CHARACTERISTICS		
NAME	Population	Connections	Ownership Type	Source Water Type	System Description	DAC Status	Active Sources	Flood Risk (FEMA or DWR)	TOTAL COLIFORM MCL Violation	Arsenic Exceedance	>22.5 mg/L Nitrate	Potentially has exceedance of permitted flow	Potentially has Excessive Infiltration	WW Violation
DEL REY	950	240	Public (state, federal, local)	Groundwater	Complete water and wastewater systems	DAC	5	No	Unknown	No Sampling Data	No	No	Yes-High	Yes-High
LATON	1236	331	Public (state, federal, local)	Groundwater	Complete water and wastewater systems	Non-DAC	3	Yes	Unknown	No	No	No	Yes-High	No
GEORGE COX WATER SYSTEM	40	20	Private	Groundwater	Complete water system only	DAC	1	No	Yes	No	No	Not applicable	Not applicable	Not applicable
VIKING TAILER PARK	80	48			Complete water system only	DAC	1	No	Unknown	No	Yes	Not applicable	Not applicable	Not applicable
KINGS PARK APARTMENTS	120	40	Private	Groundwater	Complete water system only	SDAC	1	No	Unknown	No Sampling Data	Yes	Not applicable	Not applicable	Not applicable
ZONNEVELD DAIRY	141	34	Private	Groundwater	Complete water system only	SDAC	2	Yes	Yes	Yes	No	Not applicable	Not applicable	Not applicable
CAMDEN TRAILER PARK	100	25	Private	Groundwater	Complete water system only	SDAC	2	Yes	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
DOYAL'S MOBILE HOME PARK	22	15	Private	Groundwater	Complete water system only	SDAC	1	Yes	Unknown	No	No	Not applicable	Not applicable	Not applicable
CLARIN APARTMENTS	100	30	Private	Groundwater	Complete water system only	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
ALICE MANOR	46	1	Private	Groundwater	Complete water system only	Non-DAC	1	No	Unknown	No	Yes	Not applicable	Not applicable	Not applicable
GARDEN APARTMENTS	35	10	Private	Groundwater	Complete water system only	Non-DAC	1	No	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
SANDY POINT MOBILE HOME PARK	90	36	Private	Groundwater	Complete water system only	Non-DAC	1	Yes	Yes	No	No	No	Yes-High	Yes-High
SHERWOOD FOREST MHP	100	50	Private	Groundwater	Complete water system only	Non-DAC	1	Yes	Unknown	No	No	No	Yes-Medium	No
KINGS RIVER MOBILE HOME PARK	50	15	Mixed (Pub/Priv)	Groundwater	Complete water system only	Non-DAC	Unknown	Yes	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
MANNING GARDENS CONVALESCENT	59	1	Private	Groundwater	Complete water system only	Non-DAC	1	No	Unknown	No	Yes	Not applicable	Not applicable	Not applicable
TRACT 1199 WATER SYSTEM	39	13	Private	Groundwater	Complete water system only	Non-DAC	1	No	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
RIVERBEND MOBILE HOME & RV PARK	200	46	Private	Groundwater	Complete water system only	Non-DAC	1	Yes	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
CUMORAH KNOLLS	150	47	Public (state, federal, local)	Groundwater	Complete water system only	Non-DAC	2	Yes	Unknown	No	Yes	Not applicable	Not applicable	Not applicable
QUAIL LAKE ESTATES	820	248	Public (state, federal, local)	Groundwater	Complete water system only	Non-DAC	Unknown	Yes	Unknown	No Sampling Data	No Sampling Data	No	No	Yes-Medium
WILDWOOD ISLAND	65	65	Private	Groundwater	Complete water system only	Non-DAC	2	Yes	Yes	No	No	Not applicable	Not applicable	Not applicable
BIGGER S PONDEROSA TRLR PRK	40	18			Complete water system only	Non-DAC	2	Yes	Unknown	No Sampling Data	Yes	Not applicable	Not applicable	Not applicable
COVE ISLAND RESORT	40	36			Complete water system only	Non-DAC	1	Yes	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
DRIFTWOOD MOBILEHOME PARK	10	31			Complete water system only	Non-DAC	1	Yes	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
OAK KNOLLS TRAILER PARK	60	60			Complete water system only	Non-DAC	4	Yes	Unknown	No Sampling Data	No	Not applicable	Not applicable	Not applicable
206	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
173	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
190	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
178	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
236	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
219	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
2489	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
215	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
214	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
218	35	11			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
MONMOUTH	40	12			No systems defined	DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
204	35	11			No systems defined	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
186	35	11			No systems defined	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
CENTERVILLE	14	14			No systems defined	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
227	35	11			No systems defined	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
216	35	11			No systems defined	SDAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
GRAVESBORO	45	14			No systems defined	SDAC	Unknown	YES	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
232	35	11			No systems defined	Non-DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable
BOWLES	35	35			No systems defined	Non-DAC	Unknown	No	Unknown	No Sampling Data	No Sampling Data	Not applicable	Not applicable	Not applicable



Características de Comunidades							Inundacion	Calidad de Agua (2008-2010)			Características de Planta de Tratamiento de Aguas Negras			
Nombre de Comunidad	Poblacion	Conexiones	Tipo	Tipo de Agua	Descripcion de Comunidad	DAC Status	Fuentes de Agua Activas	Riesgo de Inundacion	Violacion del MCL de Coliformes Totales	Sobrepaso el MCL de Arsenico	Sobrepaso el MCL de nitrato o 1/2 del MCL	Potencial de estar pasado la capacidad	Potencial de tener demasiada infiltracion	Violacion de Aguas Negras
DEL REY	950	240	Publico (estado, federal, local)	Agua subterranea	Sistemas completos de agua y aguas negras	DAC	5	No	No se sabe	No existen muestras	No	No	Si-Alto	Si-Alto
LATON	1236	331	Publico (estado, federal, local)	Agua subterranea	Sistemas completos de agua y aguas negras	Non-DAC	3	Si	No se sabe	No	No	No	Si-Alto	No
GEORGE COX WATER SYSTEM	40	20	Privado	Agua subterranea	Sistemas completos de agua	DAC	1	No	Si	No	No	No se aplica	No se aplica	No se aplica
VIKING TAILER PARK	80	48			Sistemas completos de agua	DAC	1	No	No se sabe	No	Si	No se aplica	No se aplica	No se aplica
KINGS PARK APARTMENTS	120	40	Privado	Agua subterranea	Sistemas completos de agua	SDAC	1	No	No se sabe	No existen muestras	Si	No se aplica	No se aplica	No se aplica
ZONNEVELD DAIRY	141	34	Privado	Agua subterranea	Sistemas completos de agua	SDAC	2	Si	Si	Si	No	No se aplica	No se aplica	No se aplica
CAMDEN TRAILER PARK	100	25	Privado	Agua subterranea	Sistemas completos de agua	SDAC	2	Si	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
DOYAL'S MOBILE HOME PARK	22	15	Privado	Agua subterranea	Sistemas completos de agua	SDAC	1	Si	No se sabe	No	No	No se aplica	No se aplica	No se aplica
CLARIN APARTMENTS	100	30	Privado	Agua subterranea	Sistemas completos de agua	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
ALICE MANOR	46	1	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	No	No se sabe	No	Si	No se aplica	No se aplica	No se aplica
GARDEN APARTMENTS	35	10	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	No	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
SANDY POINT MOBILE HOME PARK	90	36	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	Si	Si	No	No	No	Si-Alto	Si-Alto
SHERWOOD FOREST MHP	100	50	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	Si	No se sabe	No	No	No	Si-Medio	No
KINGS RIVER MOBILE HOME PARK	50	15	Mixto (Pub/Priv)	Agua subterranea	Sistemas completos de agua	Non-DAC	No se sabe	Si	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
MANNING GARDENS CONVALESCENT	59	1	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	No	No se sabe	No	Si	No se aplica	No se aplica	No se aplica
TRACT 1199 WATER SYSTEM	39	13	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	No	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
RIVERBEND MOBILE HOME & RV PARK	200	46	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	1	Si	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
CUMORAH KNOLLS	150	47	Publico (estado, federal, local)	Agua subterranea	Sistemas completos de agua	Non-DAC	2	Si	No se sabe	No	Si	No se aplica	No se aplica	No se aplica
QUAIL LAKE ESTATES	820	248	Publico (estado, federal, local)	Agua subterranea	Sistemas completos de agua	Non-DAC	No se sabe	Si	No se sabe	No existen muestras	No existen muestras	No	No	Si-Medio
WILDWOOD ISLAND	65	65	Privado	Agua subterranea	Sistemas completos de agua	Non-DAC	2	Si	Si	No	No	No se aplica	No se aplica	No se aplica
BIGGER S PONDEROSA TRLR PRK	40	18			Sistemas completos de agua	Non-DAC	2	Si	No se sabe	No existen muestras	Si	No se aplica	No se aplica	No se aplica
COVE ISLAND RESORT	40	36			Sistemas completos de agua	Non-DAC	1	Si	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
DRIFTWOOD MOBILEHOME PARK	10	31			Sistemas completos de agua	Non-DAC	1	Si	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
OAK KNOLLS TRAILER PARK	60	60			Sistemas completos de agua	Non-DAC	4	Si	No se sabe	No existen muestras	No	No se aplica	No se aplica	No se aplica
206	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
173	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
190	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
178	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
236	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
219	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
2489	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
215	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
214	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
218	35	11			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
MONMOUTH	40	12			Sistema no definido	DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
204	35	11			Sistema no definido	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
186	35	11			Sistema no definido	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
CENTERVILLE	14	14			Sistema no definido	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
227	35	11			Sistema no definido	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
216	35	11			Sistema no definido	SDAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
GRAVESBORO	45	14			Sistema no definido	SDAC	No se sabe	Si	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
232	35	11			Sistema no definido	Non-DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica
BOWLES	35	35			Sistema no definido	Non-DAC	No se sabe	No	No se sabe	No existen muestras	No existen muestras	No se aplica	No se aplica	No se aplica

Kings Basin Disadvantaged Communities Pilot Study  
Eastern Fresno County Sub region  
Sponsored by the Upper Kings Basin Integrated Regional Water Management Plan Authority

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# INVITATION

Local efforts are currently underway to explore regional collaboration to identify and address local water needs. This will be the third meeting in a series of meetings in your area. Don't miss this opportunity to be a part of creating a collaborative approach to water planning, solutions, and funding!

**Where:** Reedley Community Center – Redwood Room  
100 N. East Ave. in Reedley (corner of  
Springfield and East)

**When:** Tuesday March 26, 2013

**Time:** 5:00pm – 7:00pm

## Purpose of the Meeting

1. Summarize priority water issues identified by the sub-region
2. Discuss identified opportunities to work together to address water issues
3. Select one to two pilot projects for this study to fund

Estudio Piloto Para Las Comunidades de Bajo Recursos dentro  
de la Cuenca Alta de Kings

Sub-región del Oeste del Condado de Fresno

Patrocinado por la Autoridad Integrada Regional del Plan de Manejo del Agua de la Cuenca Alta de Kings

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# INVITACION

Esfuerzos locales se están llevando a cabo para explorar la colaboración regional para identificar y abordar las necesidades locales del agua. Esta será la tercera junta de una serie de juntas en su área. No se pierda esta oportunidad de ser parte de la creación de propuestas de colaboraciones para la planificación de las soluciones, y financiamiento del agua.

**Dónde:** Reedley Community Center- Cuarato Redwood

100 N. East Ave. en Reedley (esquina de las  
calles Springfield and East)

**Cuándo:** martes 26 de marzo del 2013

**Hora:** 5:00pm-7:00pm

## *Propósito de la Junta*

1. Resume de los problemas de agua de más prioridad de la subregión
2. Hablar sobre las oportunidades identificadas para trabajar juntos y solucionar los problemas del agua
3. Seleccionar uno a dos proyectos pilotos que puedan ser financiados por este estudio

# Kings Basin Disadvantaged Communities Pilot Study

## Estudio Piloto Para Las Comunidades de Bajo Recursos dentro de la Cuenca de Kings



Eastern Fresno County Sub Region  
Sub Región del Este del Condado de Fresno  
March 26, 2013  
Sponsored by the Kings Basin Water Authority  
Patrocinado por la Autoridad de la Cuenca de Kings

## Summary of last meeting Resume de la ultima junta

- Discussed water needs for the sub-region
- Prioritized water issues
- Identified potential pilot projects
- Asked project team to:
  - Refine potential projects and provide opportunities to work together & address issues
- Discusión sobre las necesidades del agua de la sub-región
- Se identificaron los problemas de agua de prioridad
- Se identificaron proyectos pilotos posibles
- Se le pido al equipo:
  - Refinar los posibles proyectos pilotos y proporcionar oportunidades para trabajar juntos y lograr soluciones

## Goal of our meeting Meta de la junta

- Summarize priority water issues identified by the sub-region
- Discuss identified opportunities to work together to address water issues
- Select one to two pilot projects for this study to fund
- Resume de los problemas del agua de prioridad que fueron identificados por la sub-región
- Hablar de las oportunidades identificadas para trabajar juntos y hacer frente a los problemas del agua
- Seleccionar uno o dos proyectos piloto de este estudio para financiar

## Priority Water Issues ID by Sub-region Prioridades de los Problemas de Agua de la Sub-región

- Top water issues
  - Drinking Water
  - Wastewater
  - Flooding
- Los problemas del agua de prioridad
  - agua Potable
  - aguas residuales
  - inundación

## Identified Potential Pilot Projects

### Proyectos Pilotos Identificados

- Pilot to evaluate areas adjacent to the Cities
- Piloto para evaluar las áreas adyacentes a las ciudades
- Flooding pilot for Laton
- Piloto para las inundaciones en Laton
- A pilot Orange Cove
- Un piloto para la ciudad Orange Cove

**Opportunities Matrix: Where we can begin to work on our priorities**

**Matriz de Oportunidades: Dónde podemos empezar a trabajar en nuestras prioridades**



## What the Matrix Tells Us

### Lo que Nos Dice El Mapa de Oportunidades

- Identifies regional solutions available
- Identifica soluciones regionales disponibles
- Identifies who could work together
- Identifica quien podrían trabajar juntos
- Lists benefits and barriers (opportunities to address them)
- Lista de beneficios y barreras (oportunidades para resolverlos)
- Lists pilot projects the study can fund
- Listas de proyectos pilotos que el estudio puede financiar

## Drinking Water and Wastewater:

### Agua Potable y Agua Residuales:

- Solution
  - Physical or full consolidation of drinking water services
  - Physical or full consolidation of sewer services
- Solución
  - Conexión física o completa del los servicios de agua potable
  - Conexión física o completa de las aguas residuales
- Among some of the common barriers
  - A cooperative agreement would need to be developed between partnering agencies.
  - Identification of a lead agency.
  - LAFCO approval
- Algunas de las barreras comunes
  - el desarrollo de un Acuerdo Cooperativo entre las agencias en asociación
  - Identificación de la agencia líder
  - Aprobación de LAFCO
- Possible pilot projects
  - Preliminary grant application for the IRWM of Upper Kings
- Proyectos pilotos posibles
  - Una aplicación preliminar para el IRWMA del Upper Kings

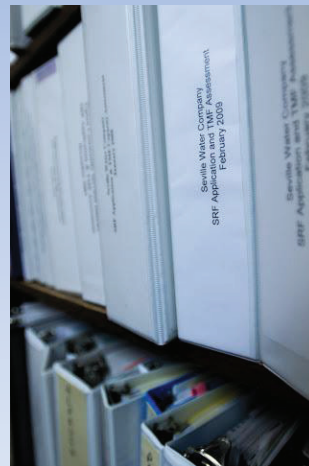
## Flood Risk: Riesgo de Inundación:

- Solution
  - Mitigate localized flooding
- Among some of barriers
  - Which agency would take the lead for the project
  - Which agency would conduct the maintenance and operations
- Possible pilot projects
  - Preliminary grant application for the IRWM of Upper Kings
- Solución
  - Mitigar inundaciones localizadas
- Algunas de las barreras
  - Cual agencia se encargaría del proyecto
  - Cual agencia se encargaría de llevar a cabo las operaciones de mantenimiento
- Proyectos pilotos posibles
  - una aplicación preliminar para el IRWMA del Upper Kings



**BREAK**  
**DESCANSO**

## Selection of 1-2 Pilot Project(s) Selección de 1-2 Proyecto Piloto(s)



## Break Out Sessions Sesión de los grupos de trabajo

- Review opportunities matrix
  - What opportunities are available to your community?
- Identify what you want to work on
- Identify who you would like to work with
- Select the pilot project(s) of your choice
- Rank your options (1-2 or 1-3)
- Revisión de matriz de oportunidades
  - ¿Qué oportunidades están disponibles para su comunidad?
- Identifique en lo que usted desea trabajar
- Identificar con quién le gustaría trabajar
- Seccione el proyecto piloto de su gusto
- Clasifique sus opciones (1-2 o 1-3)

## Selection of a pilot project: Criteria to keep in mind La selección de un proyecto piloto: Criterios que tener en cuenta

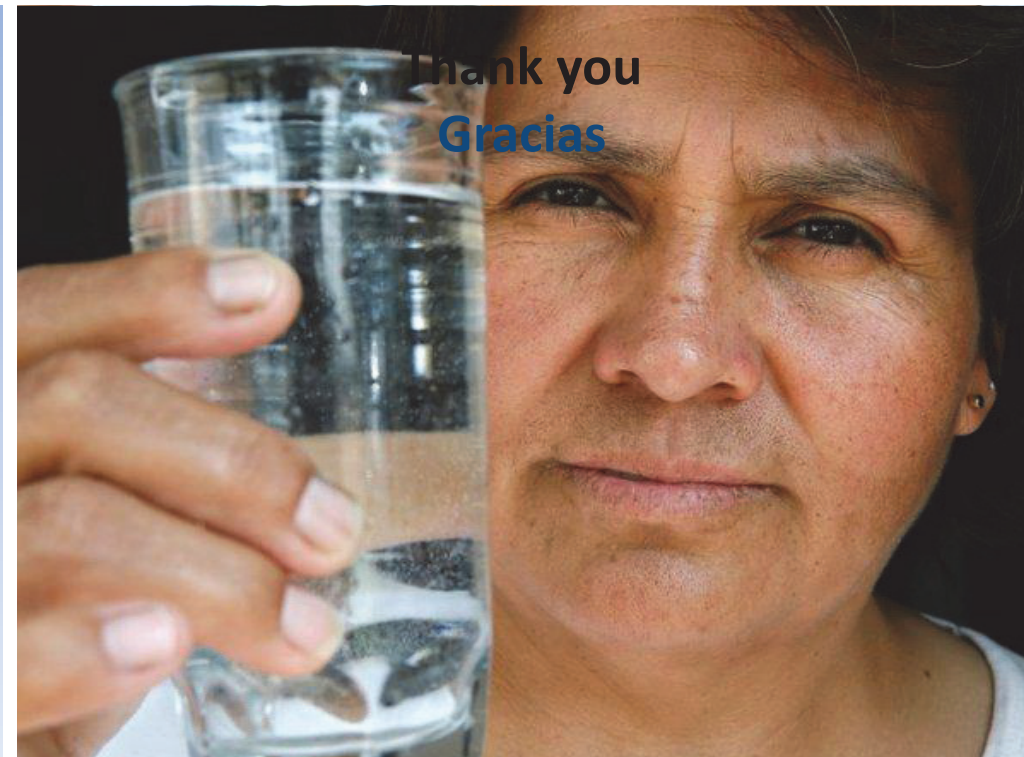
- Who is the most in need? • ¿Quién es el más necesitado?
- Who has shown interest? • ¿Quién ha mostrado interés?
- Where do we have the most chances of success? • ¿Dónde tendremos más posibilidades de éxito?
- What can our limited funding support? • ¿Qué puede hacer nuestro apoyo financiero limitado?

## Where do we go from here? Próximos Pasos

- Next steps
  - For project team
- Future next steps for region:
  - How do we keep this effort going (formalizing the group)?
  - How do we engage in IRWMAs
- Próximos pasos
  - Para el equipo de proyecto
- Futuros próximos pasos para la región:
  - ¿Cómo podemos mantener este esfuerzo (la formalización del grupo)?
  - ¿Cómo participar en los IRWMAs

## Next meeting Próxima junta

- Next meeting
  - April 30, 2013
- Próxima junta
  - 30 de abril del 2013



Upper Kings Disadvantaged Communities Pilot Study  
Eastern Fresno Sub Region  
Meeting 3  
3-26-2013  
Reedley Community Center

**Introductions:**

Maria opened the meeting and asked participants to conduct self-introductions

**Where we are in the process:**

Maria then provided a brief summary of the main points of the previous meeting. She noted the goals of the meeting and empathized that the ultimate goal was to select a pilot project.

She then provided a summary of the priority water issues that had been identified by the subregion and of the potential pilot projects identified to address the priority water issues.

**Opportunities to work together to secure better services:**

Maria then explained the purpose of the pilot matrix the project team had developed for the region. Maria explained the different solutions available for, drinking water, wastewater and flooding. She then explained how the selection of the ranking and selection of a pilot project would take place.

The Selma participant suggested looking at package plants as another alternative to solve wastewater needs of the subregion.

Maria reiterated the goal of evaluating what type of collaborations or packaging between various entities that could address the region's needs. Maria explained that the pilot matrix was developed to document what opportunities are available for the communities but that solutions would only be developed or advance where there was interest. She suggested picking the top 2 pilot projects of interest and then sharing them as a group to determine what pilot would be chosen.

Lon then provided more specific details on the solutions identified in the pilot matrix. He explained that for the City of Orange Cove, one concept included a physical consolidation between different irrigation districts like their neighboring sub region of Northern Tulare County. Lon stated that it would be a difficult and complex process that would require a lot of team players and support to make that happen. However, he noted that crafting enough information and with the right participating agencies could result in a good pilot project that would focus on investigating the engineer's report or feasibility study conducted for that region.



The third pilot project option included the City of Orange Cove and neighboring private well owners in the subregion. It also focused on a full consolidation. The then discussed the need to get the support of the adjacent water systems.

Storage vs. Interconnection for Orange Cove was also discussed. Lon also discussed the role of a feasibility study or preliminary grant application that would allow for an evaluation of the various alternatives available, including: additional storage, OCID ground water that would need blending and possible the interconnection with the City of Reedley or Orosi PUD.

The flooding needs of the Laton CSD were among the opportunities of pilot matrix. Specifically, a pilot project that could be funded would be the development of a preliminary grant application.

After discussing the pilot options, Lon asked for more ideas the matrix may have missed. The Selma participant noted water needs for a small water system or group of residents that had not been connected to the neighboring City. Lon asked if CalWater would consider connecting if the infrastructure was brought to their standards. She responded saying she felt positive they would.

#### **Selection of a pilot project:**

One of the projects that was of interest was Orange cove as well as bringing in the "119" houses to connect to the city of Selma.

Although the Laton project was of interest to the participants, it was hard to select because no one from the community was present to agree to the pilot project. Furthermore, one of the participants noted that she'd rather see the pilot go to someone who has been involved such as Orange Cove.

Maria asked which of the pilot projects was of more interest to them, or ranked in priority. The pilot designed to aid the City of Orange cove was ranked as the number one project of the subregion. The pilot project selected was to prepare a Upper Kings Basin Water Authority IWMA Preliminary Grant Application for a Feasibility Study regarding the lack of a reliable water supply for the City of Orange Cove while Friant Kern Canal is off-line.

#### **Next steps:**

Maria talked about the next meeting and next steps.

The next meeting is scheduled for April 30, 2013.

Meeting was ended.

# Kings Basin Disadvantaged Communities Pilot Study

Sponsored by the Upper Kings Basin Integrated Regional Water Management Plan Authority

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## INVITATION

Come learn about the results of the pilot study your region selected. Local efforts have taken place over the last few months to explore regional collaboration, identify priority water needs and opportunities to solve local water issues together. This will be our last meeting in your area. Don't miss this opportunity to hear the pilot results and discuss ways to continue advancing solutions.

**Where: Reedley Community Center- Redwood Room  
100 N. East Ave. Reedley, CA**

**Date: Tuesday, April 30, 2013**

**Time: 5:00pm – 7:00pm**

### **Purpose of the Meeting**

1. Summarize local interests and intent of pilot project.
2. Provide a brief presentation on the findings of the pilot project.
3. Discuss opportunities to continue advancing solutions in your area.

Estudio Piloto Para Las Comunidades de Bajo Recursos  
dentro de la Cuenca Alta de Kings

Patrocinado por la Autoridad Integrada Regional del Plan de  
Manejo del Agua de la Cuenca Alta de Kings

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# INVITACION

Venga y escuche los resultados del estudio piloto que selecciono su región. Esfuerzos locales se han están llevando a cabo en los últimos meses para explorar la colaboración regional, identificar los problemas de agua de prioridad y oportunidades para solucionar los problemas juntos. Esta será la última junta en su área. No se pierda esta oportunidad para escuchar los resultados del piloto y discutir formas de seguir avanzando soluciones.

**Dónde: Reedley Community Center- Redwood Room  
100 N. East Ave. Reedley, CA**

**Fecha: martes 30 de Abril del 2013**

**Hora: 5:00pm-7:00pm**

## *Propósito de la Junta*

1. Dar un resumen de los intereses locales e intenciones del proyecto piloto.
2. Dar una breve presentación sobre los resultados del proyecto piloto.
3. Hablar de las oportunidades disponibles para seguir avanzando soluciones en su área.

Kings Basin DAC Pilot Project  
 Eastern Fresno County Sub-Region Pilot Project:  
 Orange Cove Feasibility Study Grant Pre-Application

Provost and Pritchard  
 Community Water Center  
 Self Help Enterprises

Funded by: Department of Water Resources  
 Sponsored by: Kings Basin Water Authority

## Pilot Project Selected and Its Purpose

- **Pilot Project Selected:**
  - Prepare Kings Basin Water Authority (KBWA) Project Information Form for a Feasibility Study regarding the lack of a reliable water supply for the City of Orange Cove while Friant Kern Canal is off-line
- **Purpose of Pilot Project**
  - Aid the City of Orange Cove in securing funding to conduct a Feasibility Study to address water supply needs
  - Foster discussions between Orange Cove and other stakeholders to promote potential regional collaboration projects

## Purpose of a Feasibility Study

- Evaluate options available to address water needs, including governance structure, TMF, CEQA and most importantly...
  - **Select a Preferred Alternative**
- The Feasibility Study can include the Prelim-Engineering, CEQA and Design of the project
- Upon Completion of the Feasibility Study, Application for Construction Funding can be Prepared

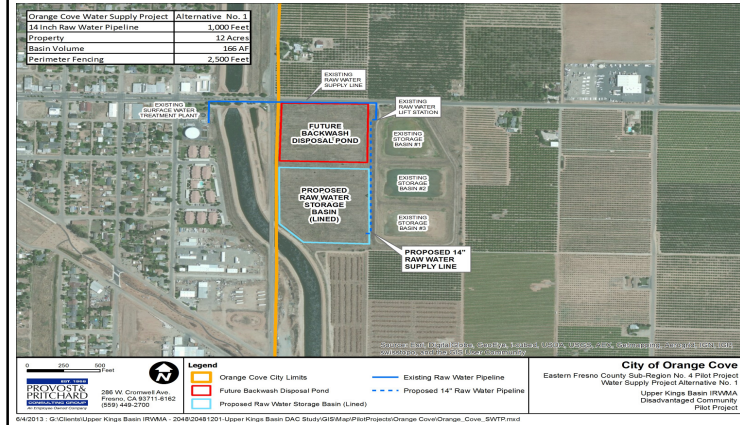
## Identifying the Problem/Need: Orange Cove Water Needs

- **Existing Conditions**
  - Sole reliance on Friant Kern Canal for Water Supply
  - Approximately 1 month of surface water storage capacity currently available
  - Friant Kern Canal may continue to have periodic extended maintenance periods lasting 4 months
  - Almost all Ag wells have nitrates, some concentrations as high as 200 ppm.
  - Some Wells have DBCP, Perchlorate and High EC

## Preliminary Technical Report: Identify Potential Alternatives to Solve Problem

Alternative	Supply Solution
Alternative 1	Expand Existing Raw Water Storage Capacity
Alternative 2	Interconnection with Adjacent Water System

## Alternative No. 1



## Alternative 1: Expand Existing Raw Water Storage Capacity

- Description of Alternative
  - Expand Orange Cove raw water storage capacity by approximately 166 acre-feet
  - Construction of lined basin with fencing
  - 14 Inch Delivery Pipeline

COST ESTIMATE	
Construction Cost	\$2,434,120
Construction Contingency (20%)	\$486,800
Engineering, Construction Management, Etc (15%)	\$438,138
<b>Total Preliminary Cost Estimate</b>	<b>\$3,359,058</b>

## Alternative 1: Advantages & Disadvantages

Advantages	Disadvantages
Provides an additional surface water storage during FKC maintenance period equivalent to a month's demand	The project will only provide a supply equivalent to an additional month of water demand for Orange Cove
Utilizes existing infrastructure and less infrastructure to maintain	Not an on-demand water supply for any emergency situation for Orange Cove
Reduced construction costs	Not a regional solution
Project ranking would be favorable due to Orange Cove being a DAC	Lower ranking alternative for grant funding
Continued use of surface water	
No interagency agreements would be required	

## Alternative 2: Well & Possible Connection to Adjacent Public Water System

- Description of Alternative
  - Construct new water well, storage tank, 12 inch pipeline and booster pump
  - System can provide emergency water supply to Orange Cove or Partnering Agency

COST ESTIMATE	
Construction Cost	\$4,930,000
Construction Contingency (20%)	\$986,000
Engineering, Construction Management, Etc (15%)	\$887,400
<b>Total Preliminary Cost Estimate</b>	<b>\$6,803,400</b>

## Alternative 2: Advantages & Disadvantages

Advantages	Disadvantages
An emergency supply could be provided to multiple water systems	Water aesthetics transitioning to groundwater for Orange Cove customers
Reliable on-demand water supply (groundwater) during FKC maintenance period	High capital costs for construction including land acquisition
On-demand water supply for any emergency situation for multiple water systems	Groundwater pumping mitigation may be required for permitting
High Ranking alternative for grant funding due to being a potential regional solution	Interagency operation and maintenance agreement would be necessary

## Cost Estimate to Conduct Feasibility Study

- Cost for Feasibility Study:
  - Feasibility Study: \$200,000
  - Engineering and Design \$150,000 to \$500,000
  - Total Cost: \$350,000 to \$700,000

## Funding Sources Available

- IRWMP Proposition 84 (DWR)
- The Safe Drinking Water State Revolving Fund {SDWSRF} (CDPH)
  - Existing Program
  - Draft IUP Amendment Recommendations
    - Preplanning and Entity Formation
    - Consolidation Promotion Incentives
- Proposition 84 (CDPH)
- USDA Rural Utility Service
- HUD Community Development Block Grant

### Recommendations by UK Project Team on What is Needed for a Successful Project:

- Initiate regional solution alternatives with potential partnering agencies.
- Regional interconnection solutions need be designed with the understanding there would be no negative impact to the partnering community.
- Secure funding for and Prepare Feasibility Study

QUESTIONS

