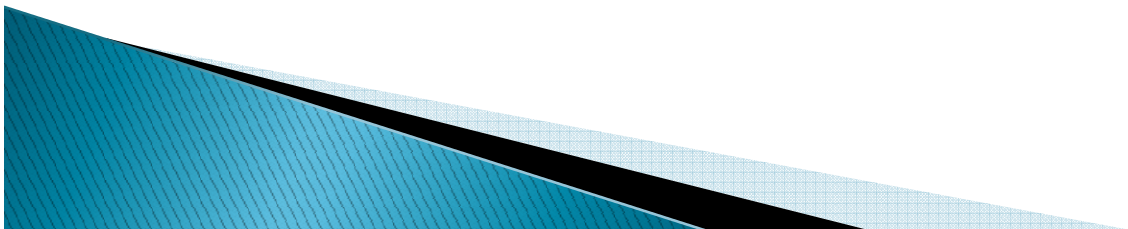


Tulare Lake Basin Disadvantaged Community Water Study

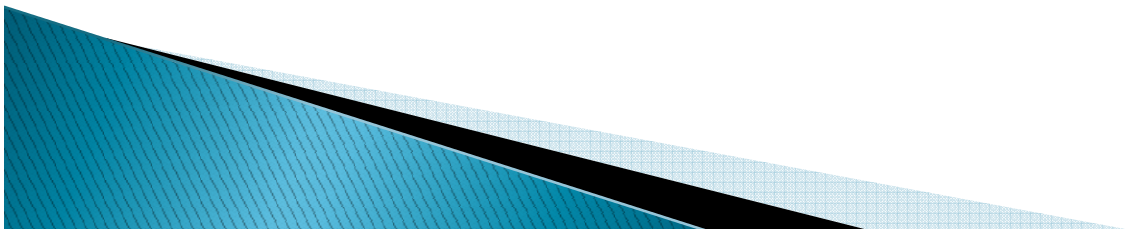
Management and Non-Infrastructure Pilot Project
Stakeholder Group

April 16, 2012



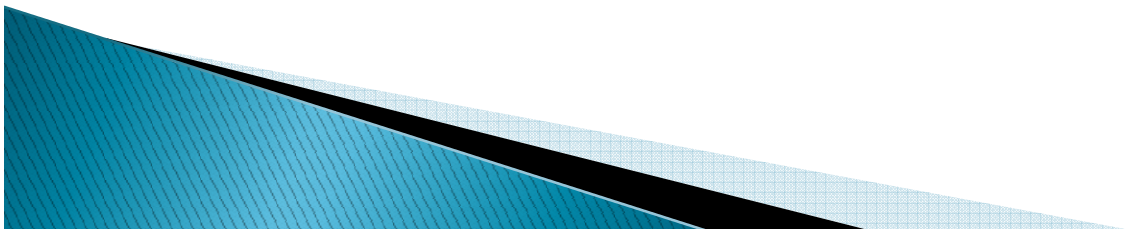
Goals of meeting

1. Provide summary of where we are in the process
2. Provide an overview of the Management and Non-Infrastructure Pilot Project
3. Receive reviewer feedback on pilot project



Summary of TLB DAC Water Study and where we are

- ▶ SOAC reviewed and approved pilot projects:
 - 1. Non- Infrastructure/ Management
 - 2. Technical Solutions
 - 3. New Source Development
 - 4. Individual Household systems



Management and Non-Infrastructure Pilot Project Progress Update

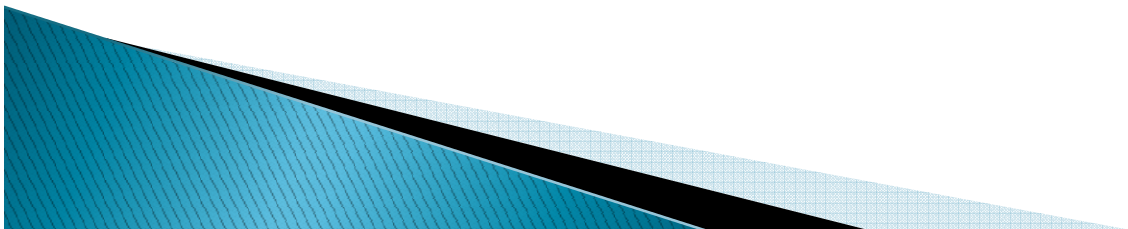


*Additional feedback may be provided to John Dutton and Maija Madec by email (jdutton@ppeng.com ; mmadec@ppeng.com)
Or mail to Provost & Pritchard, Attn: John Dutton, 130 N. Garden Street, Visalia, CA 93291)

Management and Non-Infrastructure Pilot Project

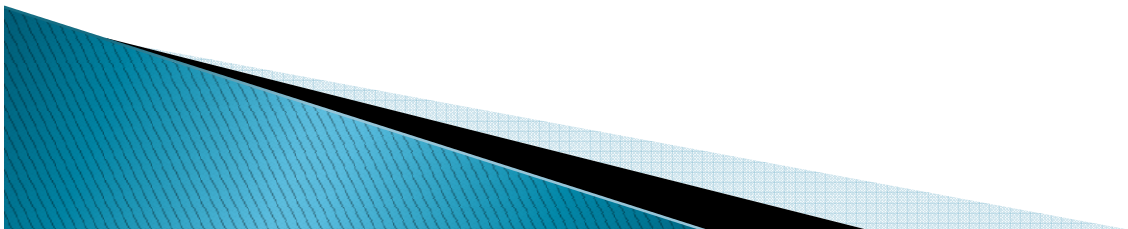
► Description of Problem (SOAC)

- Lack of funding to offset increasingly expensive O&M Costs in large part due to lack of economies of scale
- Lack of TMF capacity by water and wastewater providers



Management and Non-Infrastructure Pilot Project

- ▶ Community Characteristics
 - 50 or Fewer Connections
 - 51–200 Connections
 - 201–500 Connections
 - 501–2,000 Connections
 - Greater than 2,000 Connections



Community Characteristics

Name of Community	County	Population	Number of Connections	Water Source (GW/SW)	Community Water Monthly Rate	Community Sewer (Y/N) Monthly Rate	MHI (DAC/SDAC)
50 or Fewer Connections							
Camden Trailer Park	Fresno	100	25	GW			\$25,982 (SDAC)
Crider	Kern		12	GW		N	
Lemoore MHP	Kings		38	GW			\$37,303 (DAC)
Akin	Tulare	85	26	GW		N	\$33,375 (SDAC)
51 to 200 Connections							
Lanare	Fresno	600	169	GW	\$30.00		\$26,375 (SDAC)
Raisin City CSA	Fresno	350	60	GW		N	\$24,167 (SDAC)
Athal	Kern	150	62	GW		N	\$27,465 (SDAC)
Lost Hills	Kern	1991	434				\$31,875 (DAC)
Allensworth CSD	Tulare	471	119	GW		N	\$22,625 (SDAC)
Yettam (Tulare Co. RMA)	Tulare	350	64	GW	\$55.00	Y	\$31,736 (DAC)
201 to 500 Connections							
Biola CSD	Fresno	749	206	GW			\$32,667 (DAC)
Del Rey CSD	Fresno	950	240	GW			\$26,458 (SDAC)
Buttonwillow CWD	Kern	1266	472	GW	\$56.00		\$28,370 (SDAC)
Kettleman City CSD	Kings	1,439	366	GW		\$24.00	\$25,988 (SDAC)
Stratford	Kings	1,215	240	GW			\$29,205 (DAC)
Alpaugh CSD	Tulare	1,026	360	GW		N	\$24,688 (SDAC)
Plainview MWC	Tulare	945	240	GW		N	\$15,500 (SDAC)
501 to 2000 Connections							
Caruthers CSD	Fresno	2103	672	GW			\$29,750 (SDAC)
Riverdale PUD	Fresno	3000	930	GW	\$40.00		\$29,886 (DAC)
Armona CSD	Kings	3239	1179	GW	(\$45 summer)		\$32,790 (DAC)
Pixley PUD	Tulare	3,310	800	GW	\$35.00	\$36.55	\$35,759 (DAC)
Richgrove CSD	Tulare	2,882	600	GW			\$28,261 (SDAC)
Greater than 2000 Connections							
Lamont PUD	Kern	15,120	3,500	GW			\$33,799 (SDAC)
East Niles CSD	Kern	24900	7338				

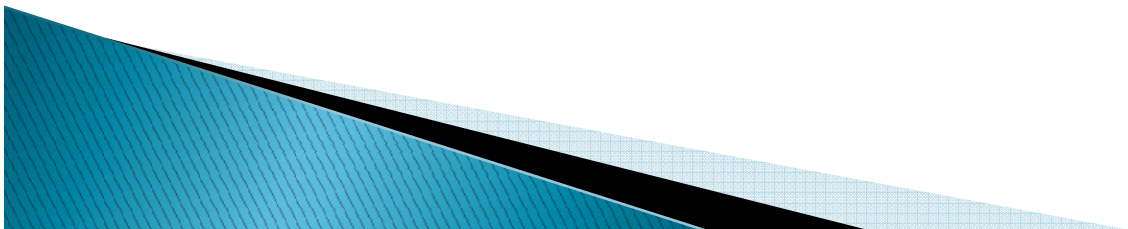
Description of Solutions

Range of Partnership Solutions

→ Increasing Transfer of Responsibility →			
Informal Cooperation	Contractual Assistance	Joint Powers Authority	Ownership Transfer
Work with other systems but without contractual obligations	Requires a contract, but contract is under system's control	Creation of a new entity by several systems that continue to exist as independent entities (e.g. regional water system)	Takeover by existing or newly created entity
Examples:	Examples:	Examples:	Examples:
Sharing equipment	Contracting operation and management	Sharing system management	Acquisition and physical interconnection
Sharing bulk supply purchases	Outsourcing engineering services	Sharing operators	Acquisition and satellite management
Mutual aid arrangement	Purchasing water	Sharing source water	One system transferring ownership to another to become a larger existing system or entity

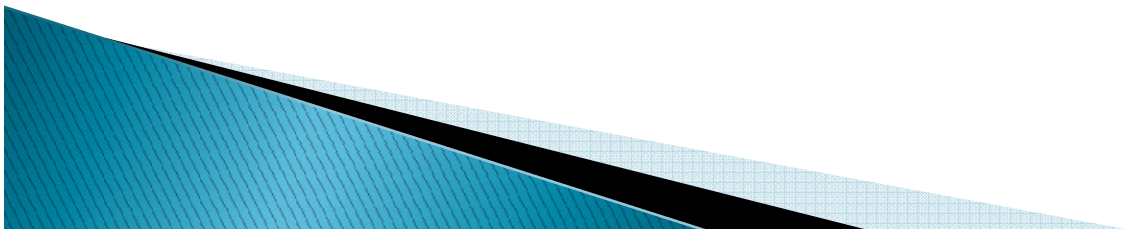
Description of Solutions

- ▶ Internal Changes
- ▶ Informal Cooperation
- ▶ Contractual Assistance
- ▶ Joint Powers Authority
- ▶ Ownership Transfer
- ▶ County operation of CSAs
- ▶ Regional Association
- ▶ Combination of Solutions



Demonstration Projects

- ▶ Projects already in progress or completed
 - New Mexico examples (Lower Rio Grande Public Water Works Authority)
 - Demonstration projects within the TLB



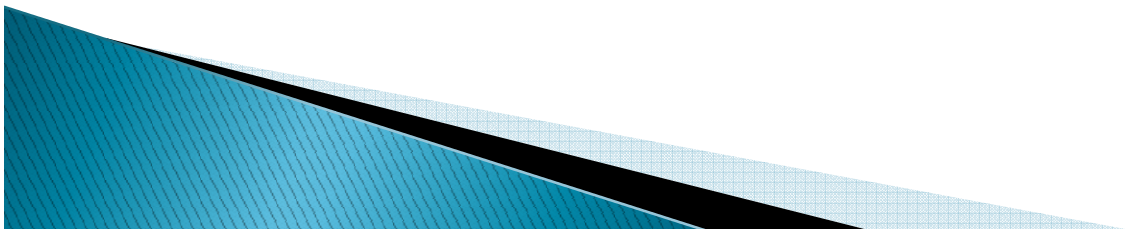
Demonstration Projects

Name of Community	County	Type of Organization	Water or Sewer Solution	Population	Number of Connections	Source Water Issue ¹	Implemented Solution	Status of Implementation	Funding Source
Contractual Assistance									
Inter-Agency Contracts									
Cutler-Orosi JPWA	Tulare	JPA	Sewer	13,190		N/A	Inter-Agency Contract	JPWA formed in 1983	
Ownership Transfer – No Physical Connection									
Ownership Transfer – Physical Interconnection									
Four Seasons MHP	Kings	Private	Water		86	A	Annex to the City of Hanford	Design Complete, Construction Funding pending	Prop 84
Lacey Courts MHP	Kings	Private	Water		20	A	Annex to the City of Hanford	Design Complete, Construction Funding pending	Prop 84
Hamblin Mutual Water Company	Kings	MWC	Water		40	A	Annex to the City of Hanford	Design Complete, Construction Funding pending	Prop 84
El Rancho Subdivision	Kings	Private	Water		142	A	Annex to the City of Hanford	Complete	Drinking Water SRF
Lone Oak Subdivision	Tulare	MWC	Water		42	N	Annex to the City of Tulare	Complete	CDBG
Rodriguez Labor Camp	Tulare	Private	Water				Consolidate with Richgrove CSD	Design Complete, Construction Funding pending	Prop 84, CDBG
Matheny Tract	Tulare	Private	Water			A, N	Consolidate with City of Tulare	Design Complete, Construction Funding pending	Prop 84, SRF
County Operation of Multiple Zones of Benefit or County Service Areas									
Fresno County CSAs	Fresno	Public	Water/Sewer	Various	Various	Various	Multiple existing County Service Areas		
Tulare County CSAs	Tulare	Public	Water/Sewer	Various	Various	Various	Multiple existing County Service Areas		

Potential Projects

► Potential Projects / Regions

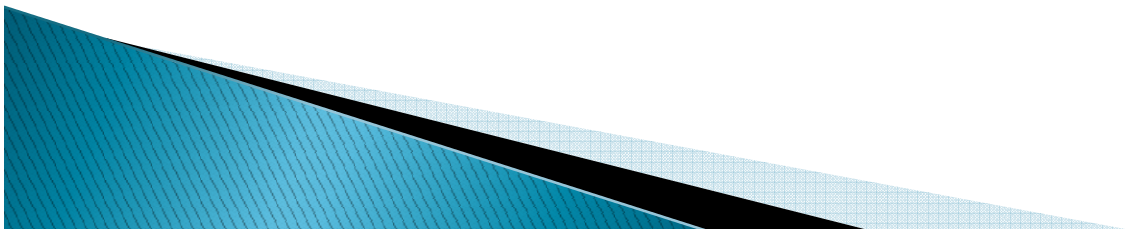
- Porterville area, including East Porterville, Poplar, and Cotton Center (combined management structure)
- Communities in West Fresno County along the California Aqueduct, including El Porvenir, Cantua Creek (coordination of water treatment options, billings, and other ongoing services)
- Raisin City and Perry Colony (consolidation)
- West Goshen with Goshen-Cal Water (consolidation)



Potential Projects, cont.

► Potential Projects / Regions

- Lanare and Riverdale (consolidation of water treatment and supply)
- Plainview–Central (private company merging with mutual water company)
- South Shafter regional wastewater collection (County of Kern)
- *Seville, Yettem, Cutler, Orosi, East Orosi, Sultana, Monson – Upper Kings IRWMA DAC Study*



Funding Opportunities & Revenue

State Funding

DWR

CDPH

SWRCB

IRWMP

Clean
Water
SRF

Prop 84

§ 75021:
Emergency
incl. Interim

§ 75022: Small
Community
Infrastructure

Small
Comm.
WW
Grant

Clean
Water
SRF

Funding Opportunities & Revenue

Federal Funding

USDA

Rural Development, Rural
Utility Service Loans & Grants

HUD

Community Development
Block Grant

Entitlement

Small Cities

Discussion

- ▶ Handout for discussion
- ▶ Feedback from Group (interactive)
- ▶ Written feedback is encouraged
- ▶ We welcome any additional questions and input – email mmadec@ppeng.com

