

East Porterville Water Supply Project

June 23, 2016



In Partnership with

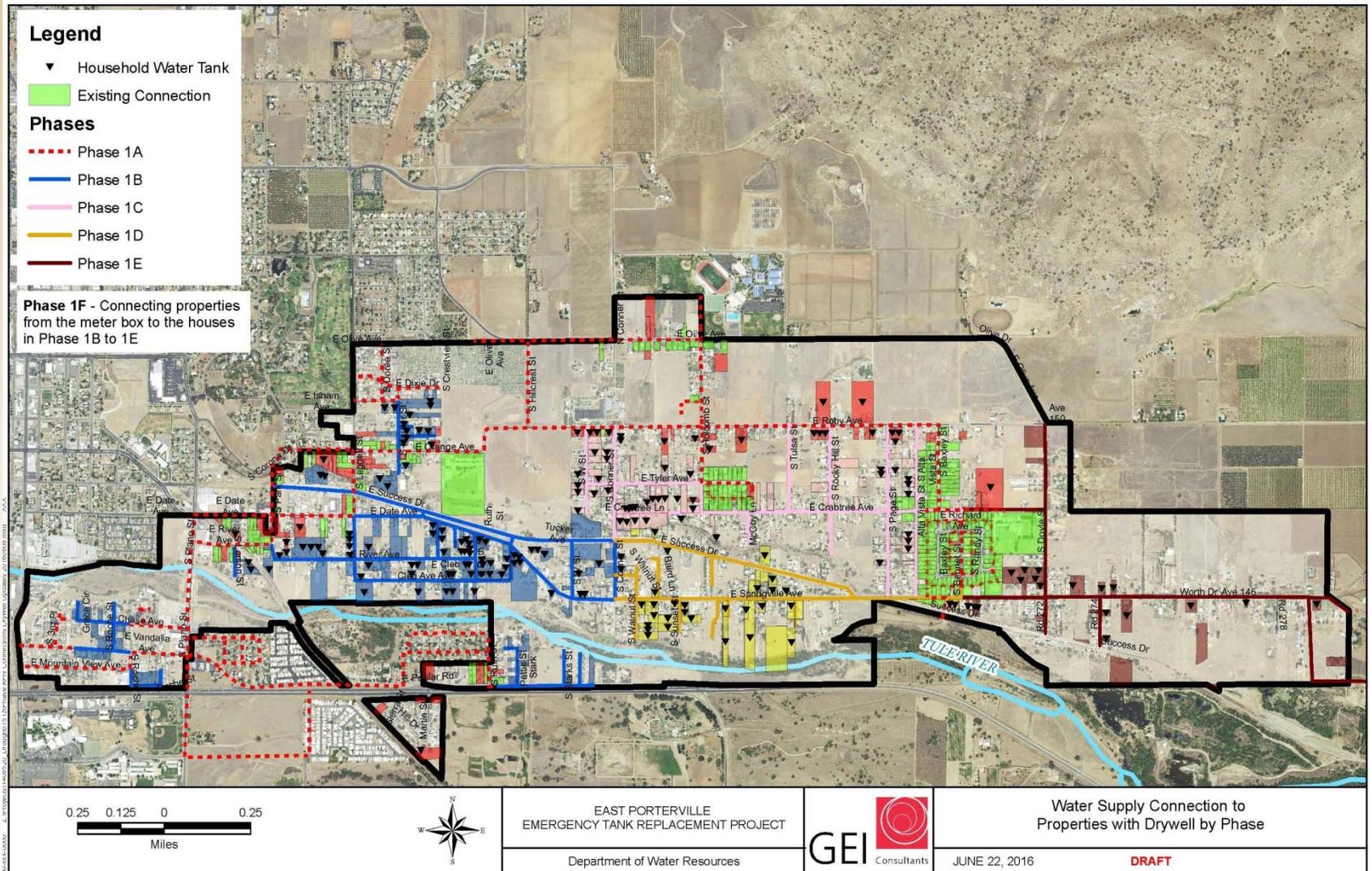


Overview

- ❖ Why We Are Here Today
- ❖ Drought Status
- ❖ East Porterville Water Supply Project
- ❖ Feasibility Study
- ❖ Annexation Questions
- ❖ Contacts and Resources
- ❖ Q & A



One of Hardest Areas Hit by Drought



Drought

- ❖ Worst drought on record in the history of State of California
- ❖ 5,000 dry wells throughout California



Assistance

❖ From -

- Department of Water Resources (DWR)
- State Water Resources Control Board (SWRCB)
- Tulare County's Office of Emergency Services (County OES)

❖ Through -

- Household Tank Program
- Non-potable Water Tanks
- Bottled Water Program



Household Tank Program

- ❖ Funded by California Governor's Office of Emergency Services (Cal OES)
- ❖ Implemented by County OES
- ❖ 1,500 to 3,000-gallon tanks filled at regular intervals



Household Water Tank

- ❖ County's non-profit partners installed the water tanks
- ❖ 168 tanks installed in East Porterville
- ❖ Cost - \$570,000 per month County-wide



Non-Potable Water Tanks

- ❖ Installed and operated by County OES

- ❖ 5,000-gallon tanks

- ❖ Two locations in East Porterville
 - Tulare County Fire Station
 - Tulare County Deputy Sheriff's Association (“Sunnyside Towing”)



Bottled Water Program

- ❖ Funded by State Water Resources Control Board (SWRCB)
- ❖ Implemented by County of Tulare
- ❖ 1,700 households receive bottled water
- ❖ Cost - \$63,500 per month



Need for Long-term Solution

- ❖ Temporary relief but high costs
 - **\$633,500 per month**
 - **\$7.6 million per year**
 - **\$11.2 million to date in CA Disaster Assistance Act funding**
- ❖ Only an interim solution and is not sustainable long-term
- ❖ DWR and SWRCB joint effort



East Porterville

- ❖ 1,800 residences (approx.)
- ❖ Shallow private wells
- ❖ Declining groundwater levels
- ❖ Reduced pumping capacity
- ❖ 1,500 dry wells in Tulare County
- ❖ 500 dry wells in East Porterville area



Water Supply Project

❖ Two Phases –

- Emergency Water Tank Replacement Project (Phase 1)
- Long-term Project (Phase 2)



Emergency Water Tank Replacement Project

❖ Partners include

- California Governor's Office of Emergency Services
- Tulare County
- City of Porterville
- California Department of Housing and Community Development
- Self-Help Enterprises
- Community Water Center
- Porterville Area Coordinating Council



Emergency Water Tank Replacement Project

- ❖ Phase 1 (500 properties approx.)
 - 1A (52)
 - 1B (153)
 - 1C (62)
 - 1D (36)
 - 1E (30)
 - 1F (connection of properties 1B-1E)

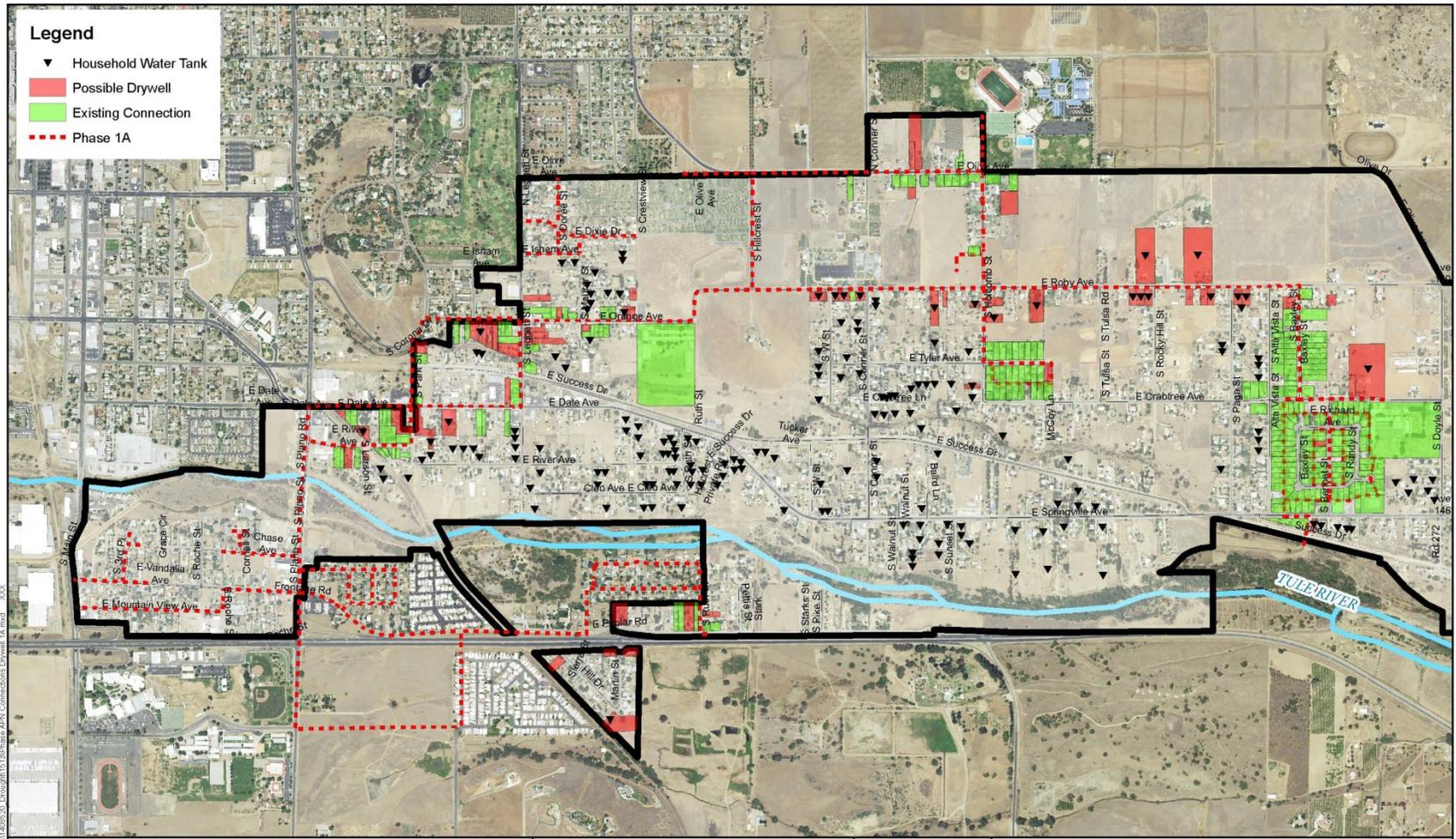


Phase 1A

- ❖ Properties next to existing pipeline in East Porterville
- ❖ Tentative Start Date – July 5, 2016



Phase 1A

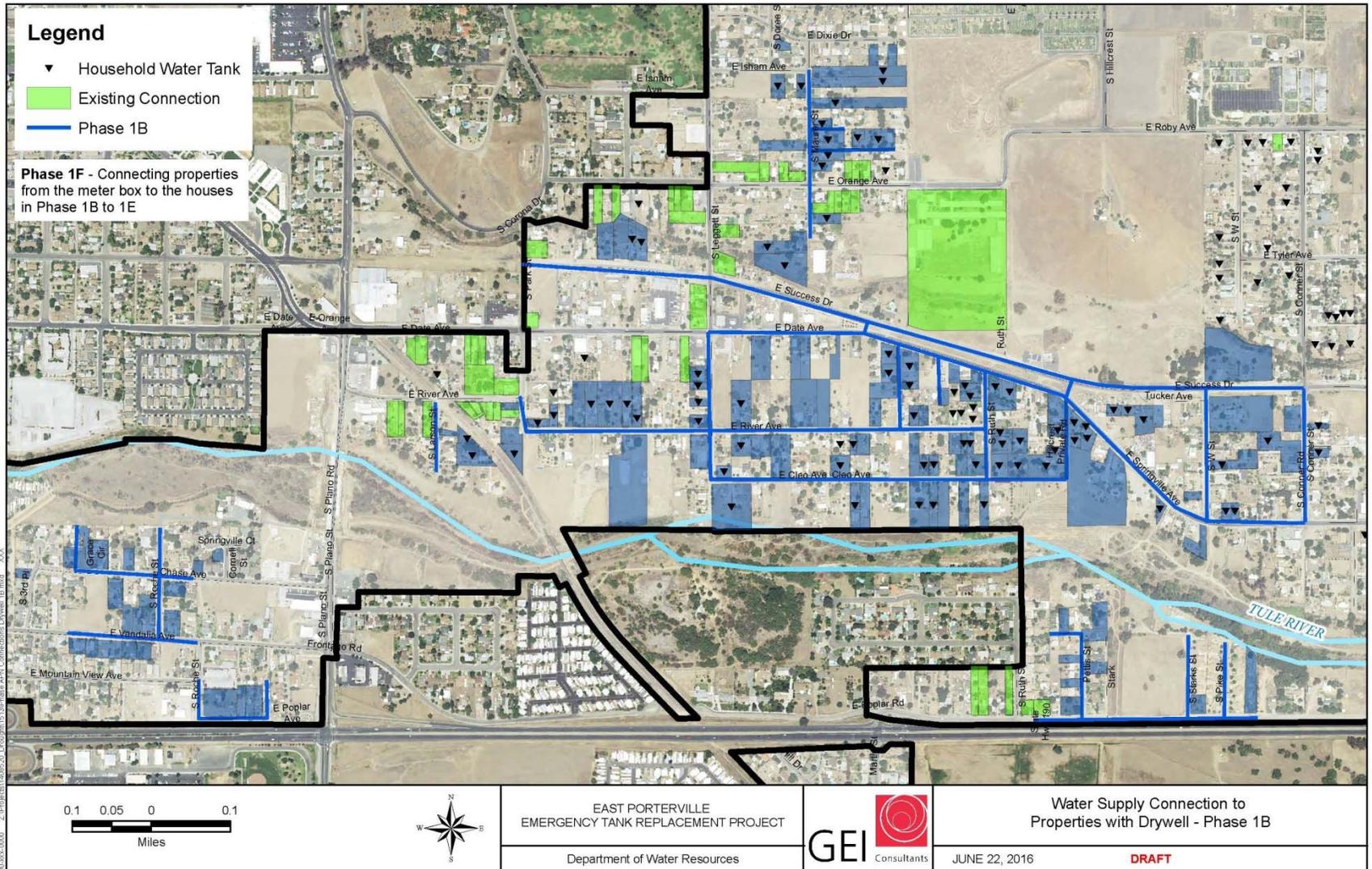


<p>0.25 0.125 0 0.25 Miles</p>	<p>EAST PORTERVILLE EMERGENCY TANK REPLACEMENT PROJECT</p> <p>Department of Water Resources</p>		<p>Water Supply Connection to Properties with Drywell - Phase 1A</p> <p>JUNE 22, 2016 DRAFT</p>
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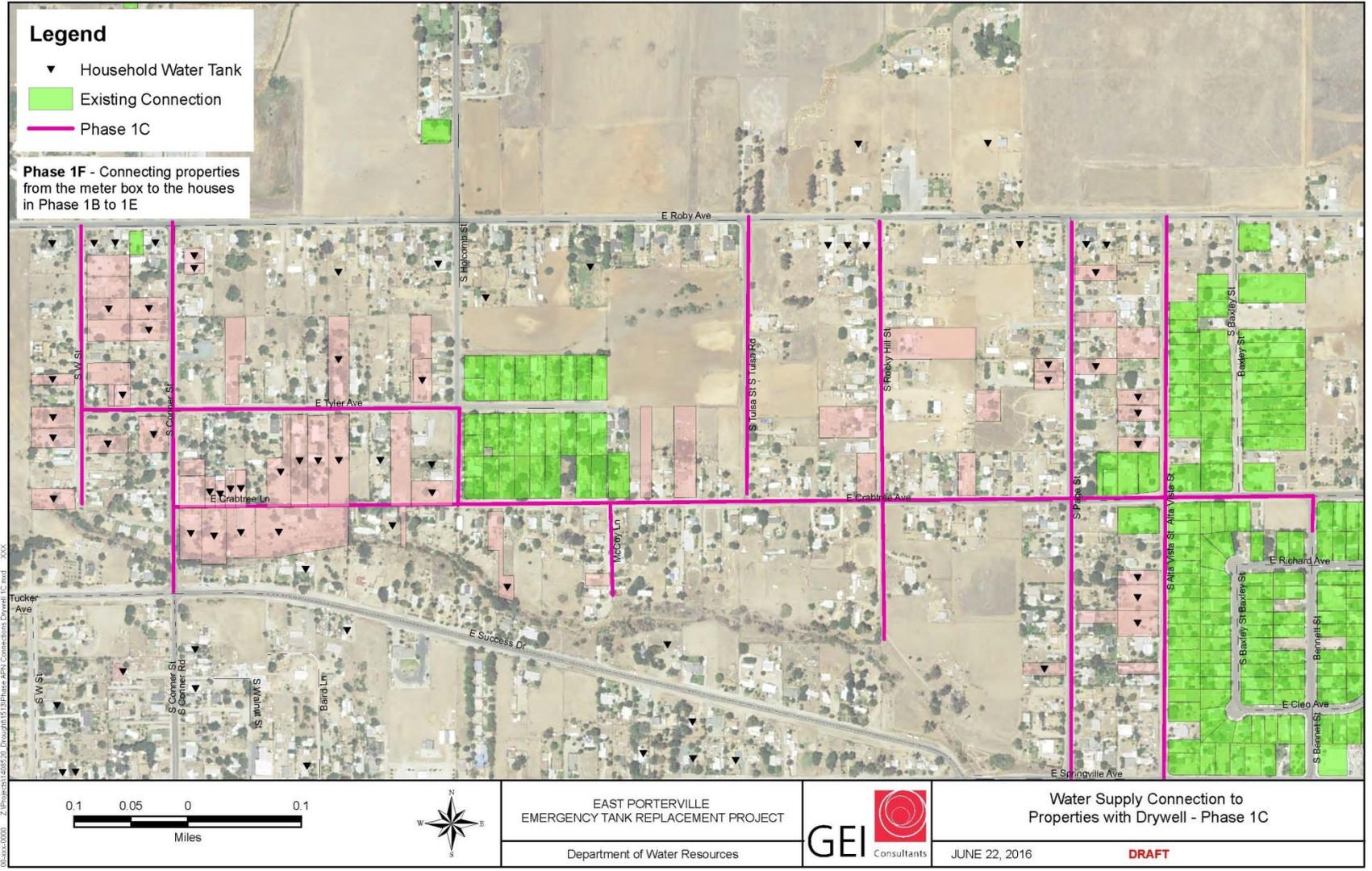


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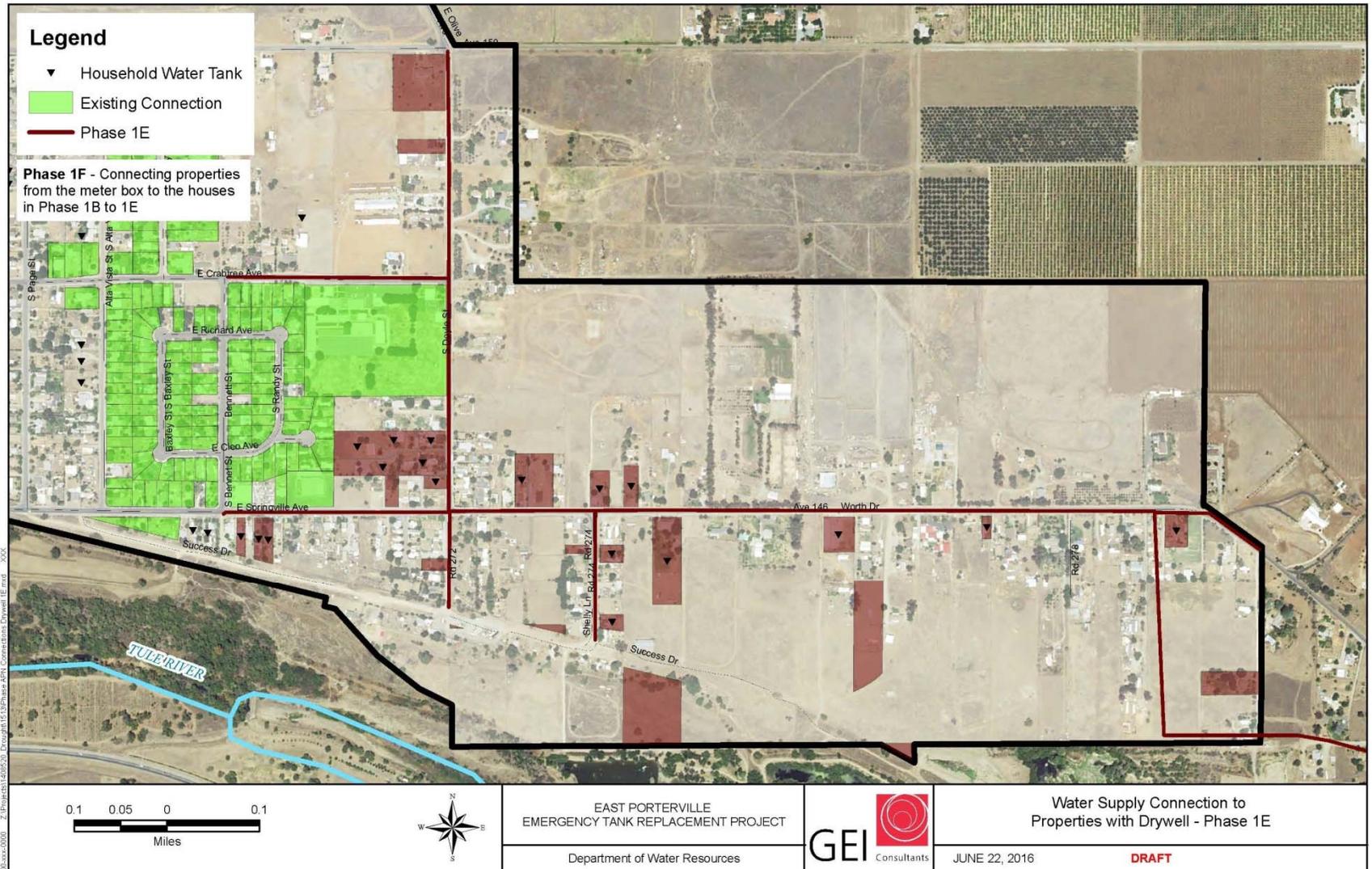
Phase 1B



Phase 1C

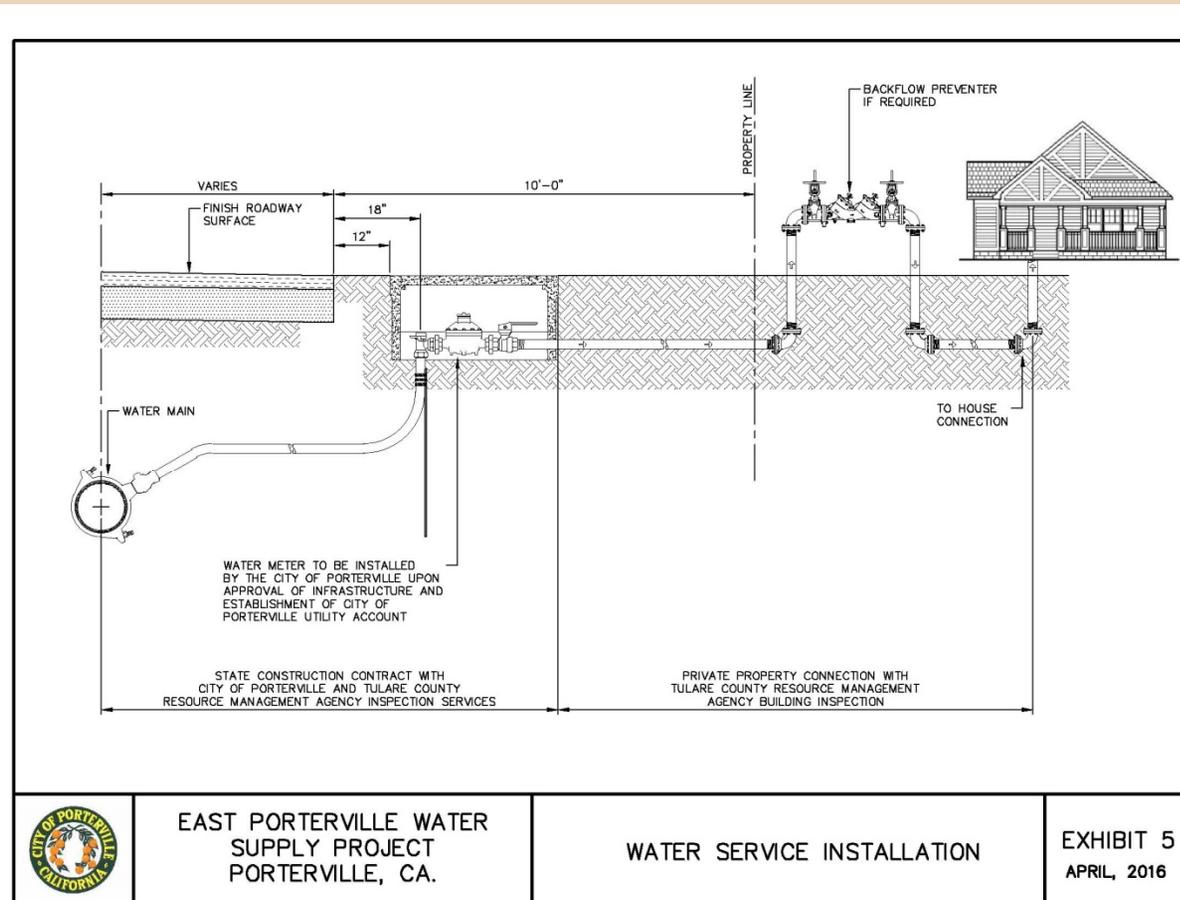


Phase 1E



Phase 1F

❖ Connections from Meter Box to Homes



Long-term Solution Project

- ❖ Water connections to remaining properties
- ❖ Approximately 1,000 properties



Feasibility Study

❖ Purpose –

- To evaluate options to deliver a long-term and sustainable water delivery system to East Porterville homes and recommend a Preferred Alternative.



Alternatives

1. City of Porterville
2. Public Utility District
3. Private for-profit water company
4. Non-profit water company or Special District.



Summary

Alternative	Monthly Bill	Affordability		TMF Capability?	
		1.5% (\$32,240)	2.3% (\$32,240)		
¹ City of Porterville	\$31.49 (existing) \$56.65 (with rate increase)	\$40.30	\$61.79	Yes	
Porter Vista PUD	n/a			No	
² Cal Water	\$53.67			Yes	
Del Oro	\$96.90			n/a	
Form a CSD	n/a			n/a	No



Preferred Alternative

❖ City of Porterville –

- Sustainable and resilient water sources
- Existing pipeline in East Porterville
- Serves approx. 252 properties in East Porterville
- Good Technical, Managerial and Financial Capabilities



City of Porterville (Preferred Alternative)

- ❖ Services offered –
 - Public Safety
 - Police
 - Fire
 - Water
 - Sewer
 - Solid Waste Collection



City of Porterville (Preferred Alternative)

❖ Water Service –

- Serves approximately 62,000 people
- 15,600 connections
- 200 miles of water main

❖ Source of water is groundwater

- 33 active wells
- 5 storage tanks



City of Porterville (Preferred Alternative)

- ❖ Current population served is near the system's design capacity (LAFCo, 2014)
- ❖ No new services to be connected to the City water system until new wells are constructed (DJA, 2015)



City of Porterville (Preferred Alternative)

- ❖ Tulare County Local Agency Formation Commission (LAFCo) (2014) determined that –
 - *“the City has a sound governmental structure that provides necessary resources to provide public services and infrastructure improvements within the Sphere of Influence (SOI) area.”*



City of Porterville (Preferred Alternative)

❖ Water Bill –

Current Rate	Units	Charge	Proposed 2016/17 Rate	Units	Charge
1" meter	1	11.25	1" meter	1	18.15
Water consumption	22 x \$0.92	20.24	Water consumption	22 x \$1.75	38.50
Total water bill		\$31.49	Total water bill		\$56.65

Proposed 2016/17 Rate:

- City Council to hold their Prop 218 public hearing July 19 to consider rate increase.
- City Council may or may not raise rates or may choose to establish a multi-year incremental increase.



Non-Preferred Alternatives

- ❖ Public Utility District
 - ❖ Porter-Vista Public Utility District
- ❖ Private for Profit Water Company
 - ❖ California Water Service Company
 - ❖ Del Oro Water Service Company
- ❖ Non-Profit Water Company or Special District



Public Utility District (Non-Preferred Alt. #1)

- ❖ Porter-Vista Public Utility District
 - Formed in January 1977
 - Sewer service
 - Service area of 1,733 acres



Porter-Vista Public Utility District (Non-Preferred Alt. #1)

- ❖ Initially formed to offer sewer services
- ❖ Intended secondary purpose was to construct a community water system



Porter-Vista Public Utility District (Non-Preferred Alt. #1)

- ❖ Conducted a Feasibility Study in 1982
 - Project was cost prohibitive
 - Could not reasonably result in a stand-alone operation



Porter-Vista Public Utility District (Non-Preferred Alt. #1)

- ❖ Board passed a resolution –
 - Not interested in being a domestic water supplier for East Porterville

- ❖ Reasons –
 - Lack of local water supplies
 - City of Porterville not interested to partner with PVPUD



Private For-Profit (Non-Preferred Alt. #2)

- ❖ California Water Service Company (Cal Water)
- ❖ Del Oro Water Service Company (Del Oro)



Cal Water (Non-Preferred Alt. #2A)

- ❖ Investor-owned Public Utility
- ❖ Operates 27 districts in 63 communities
- ❖ Serves 1.7 million people through 425,000 connections



Cal Water (Non-Preferred Alt. #2A)

- ❖ Serves City of Visalia
 - 24 miles northeast of Porterville

- ❖ Mullen Water system
 - 1.5 miles from East Porterville
 - Physical interconnection with this system is not feasible due to local terrain



Cal Water (Non-Preferred Alt. #2A)

- ❖ Demonstrates capabilities –
 - Technical
 - Managerial
 - Financial



Cal Water (Non-Preferred Alt. #2A)

❖ Water Bill

Service Area *

Meter Size *

Water usage *

Monthly in Ccf (hundreds of cubic feet)

1 Ccf = 748 gallons

ITEM	DETAIL	CHARGE
Meter	1 - inch meter	\$ 25.32
Quantity charge (Tier 1)	\$1.4165 x 11 Ccf	\$ 15.58
Quantity charge (Tier 2)	\$1.4420 x 11 Ccf	\$ 15.86
CPUC fee	1.5% x above charges	\$ 0.85
LIRA quantity surcharge	\$ 0.047 x 22 Ccf	\$ 1.03
PBOP amortization surcharge	\$ 0.004 x 22 Ccf	\$ 0.09
TOTAL :		\$ 58.73

Your water rate tiers are as follows
 Tier 1: For the first 11 Ccf -- \$1.4165
 Tier 2: From 12 to 29 Ccf -- \$1.4420
 Tier 3: For all over 29 Ccf -- \$1.6082



Cal Water (Non-Preferred Alt. #2A)

- ❖ Low-Income Rate Assistance Program
- ❖ Offers 50% discount on 5/8" meter service charge
- ❖ Estimated bill \$53.67



Del Oro (Non-Preferred Alt. #2B)

- ❖ Established in 1963
- ❖ Operates 18 districts in 24 service areas
- ❖ 4 districts in Tulare County
- ❖ Contract Management services to Ducor Community Services District



Del Oro (Non-Preferred Alt. #2B)

❖ Water Bill

Fee Description	Units	Charge
1" meter	1	71.51
Water consumption	22 x \$1.103	24.27
CPUC Fee	1.7%	1.12
Total water bill		\$96.90

❖ TMF analysis not conducted as it is not a feasible alternative



Non-Profit Company (Non-Preferred Alt. #3)

- ❖ Majority not in compliance with drinking water standards
- ❖ Lack the necessary funding to maintain their existing infrastructure
- ❖ Disadvantaged Community (DAC) Water Study for the Tulare Lake Basin (2014)
 - nearly 70 percent of the communities identified are DACs
 - Nearly all of these DACs have a water quality issue and/or infrastructure deficiencies.



Next Steps

- ❖ Sphere of Influence (SOI) includes the majority of East Porterville, but will need to be amended further east
- ❖ The City, State and County agencies will work towards boundary amendments for the long-term solution



Annexation Questions

- What do I have to do to connect?
 - Sign Extraterritorial Service Agreement to connect
 - Allows domestic water service from the City prior to annexation
 - Includes irrevocable agreement to annex
 - Specifies General Plan consistency, agreements and covenants, time limitations and improvement plans



Annexation Questions

- Extraterritorial Service Agreement requires approval of the City Council for:
 - Any expansion or modification of the property's use
 - Any conversion of structures or addition of habitable structures



Annexation Questions

❖ Annexation will:

- ❖ Not likely happen immediately. Depend on response to requests for new development.
- ❖ Occur in blocks or groups of blocks, not at once.
- ❖ Likely occur west to east and take up to 30 years to annex the entire area.
- ❖ Ensure logical and responsible growth.
Annexation does not mean you have to make improvements to your property right away.



Annexation Questions

- Will Annexation Change My Taxes?
 - Annexation will not change property taxes. Businesses would have to start charging special taxes assessed by the City – Measure H ½ cent sales tax.
 - City's Utility Users Tax – 6% applied to phone, electric, gas, cable TV and municipal water bills. May apply to cell phones and Internet; check with your service provider.
 - Utility Users Tax pays for services including Parks, Fire and Police Department. Average UUT -- about \$20 per month.



Annexation Questions

- Benefits of Annexation
 - City Police and Fire Departments protection
 - City trash, recycling and green waste services; residents may continue to use existing providers for up to 5 years. City fees are typically less than local private companies. Standard fee for a single family residence – about \$20.00 per month.
 - City services - street sweeping and regular road maintenance.
 - City parks



Contacts and Resources

❖ Contacts—

- Marina Perez, SWRCB: (916) 322-4265, Marina.Perez@Waterboards.ca.gov
- Greg Farley, DWR: (916) 653-5940, Stuart.Farley@water.ca.gov

❖ DWR Website—

- ❖ <http://www.water.ca.gov/waterconditions/porterville.cfm>



Questions/Comments

