

# *Public Works*

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*We Make It Happen*

## **Santa Fe County Utility and TL6S/Lamy Junction Line**

**Apr 20, 2013**



**Adam Leigland**  
Department Director



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**"Whiskey is for drinking; water is for fighting over."**

**-Mark Twain**

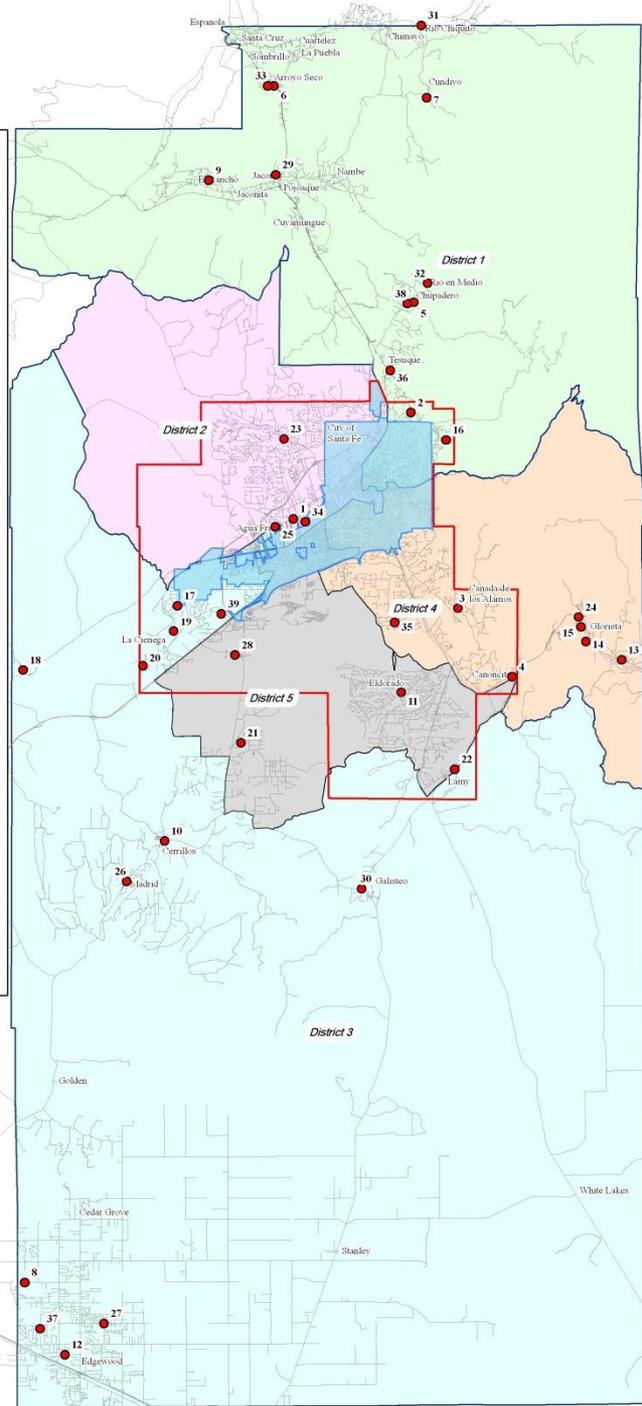


# *Outline*

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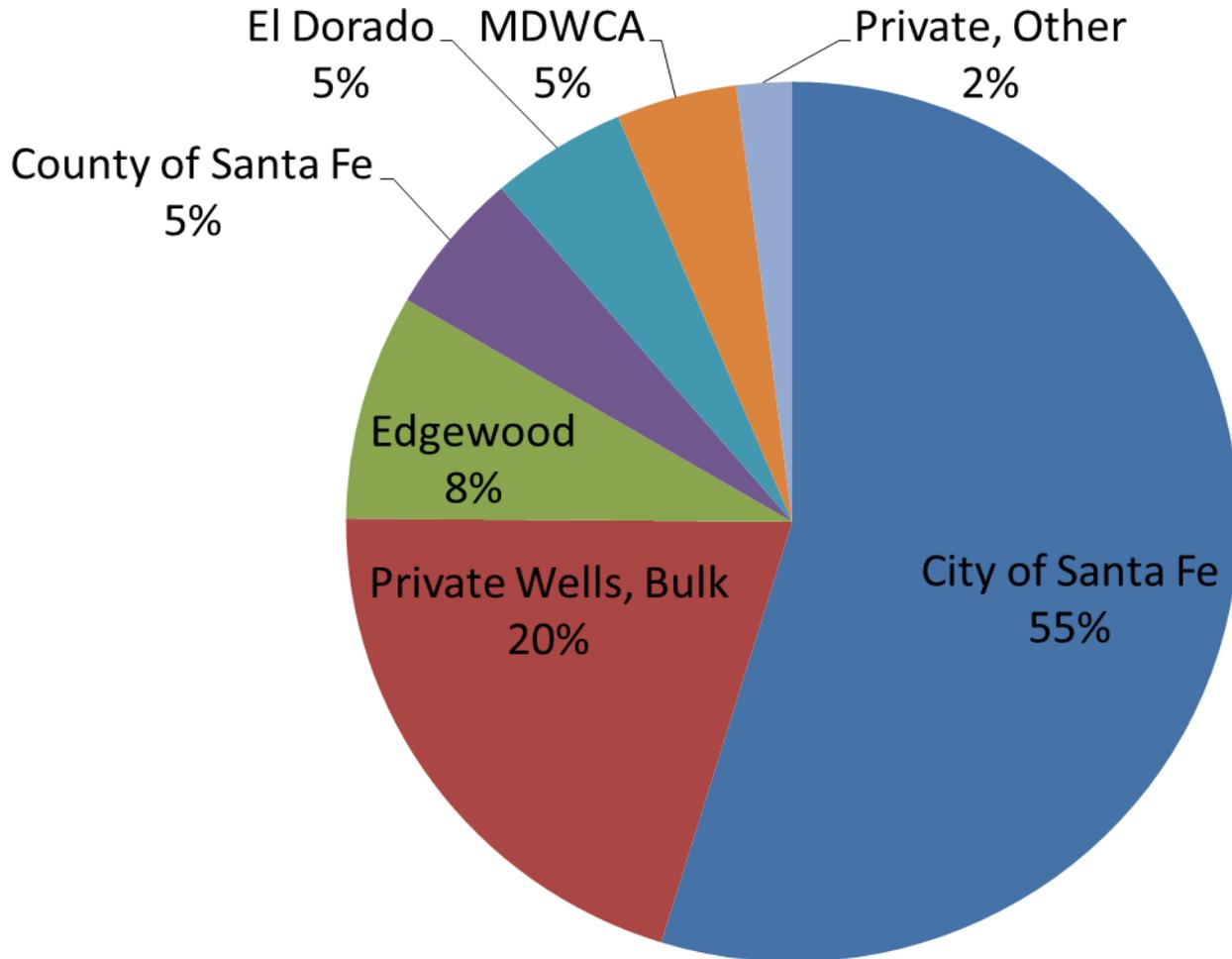
- **Introduction**
- **SFC water, water utility background**
- **TL6S, Lamy Junction project specifics**
- **Questions**

MDWCA - PRIVATE SYSTEMS	
1	AGUA FRIA WATER ASSOC.
2	BISHOP'S LODGE
3	CANADA DE LOS ALAMOS MDWCA
4	CANONCITO AT APACHE CANYON
5	CHUPADERO MDWCA
6	CUATRO VILLAS MDWCA
7	CUNDIYO MDWCA
8	EL MONTE SOL WATER COOP ASSOC
9	EL RANCHO MHP
10	EL VADITO DE LOS CERRILLOS WTR ASSOC.
11	EL DORADO WATER AND SANITATION DIST.
12	ENTRANOSA WATER AND WASTE WATER COOP
13	GLORIETA EAST WATER SUPPLY
14	GLORIETA ESTATES MDWCA
15	GLORIETA MDWCA
16	HYDE PARK ESTATES WATER USERS ASSOC
17	JUNIPER HILLS RANCH
18	LA BAJADA MDWCA
19	LA CIENEGA MDWCA
20	LA CIENEGA OWNERS ASSOC. WATER SYS
21	LA VISTA HOME OWNERS ASSOC.
22	LAMY DOMESTIC WATER USER ASSOC.
23	LAS CAMPANAS WATER SYS
24	LIFEWAY GLORIETA CONF CENTER
25	LONESTAR TRAILER RANCH
26	MADRID VILLAGE WATER COOP
27	NM AMERICAN WATER CO EDGEWOOD-RES
28	NM STATE PEN
29	POJOAQUE TERRACES MHP
30	RANCHITOS DE GALISTEO WUA
31	RIO CHIQUITO MDWCA
32	RIO EN MEDIO MDWCA
33	SANTA CRUZ MDWCA
34	SF MOBILE HOME HACIENDA
35	SUNLIT HILLS WATER SYS
36	TESUQUE MDWCA
37	THUNDER MTN WATER SYS
38	VISTA REDONDA MDWCA
39	WILD AND WOOLEY TRAILER RANCH





# Water Customers, County-wide

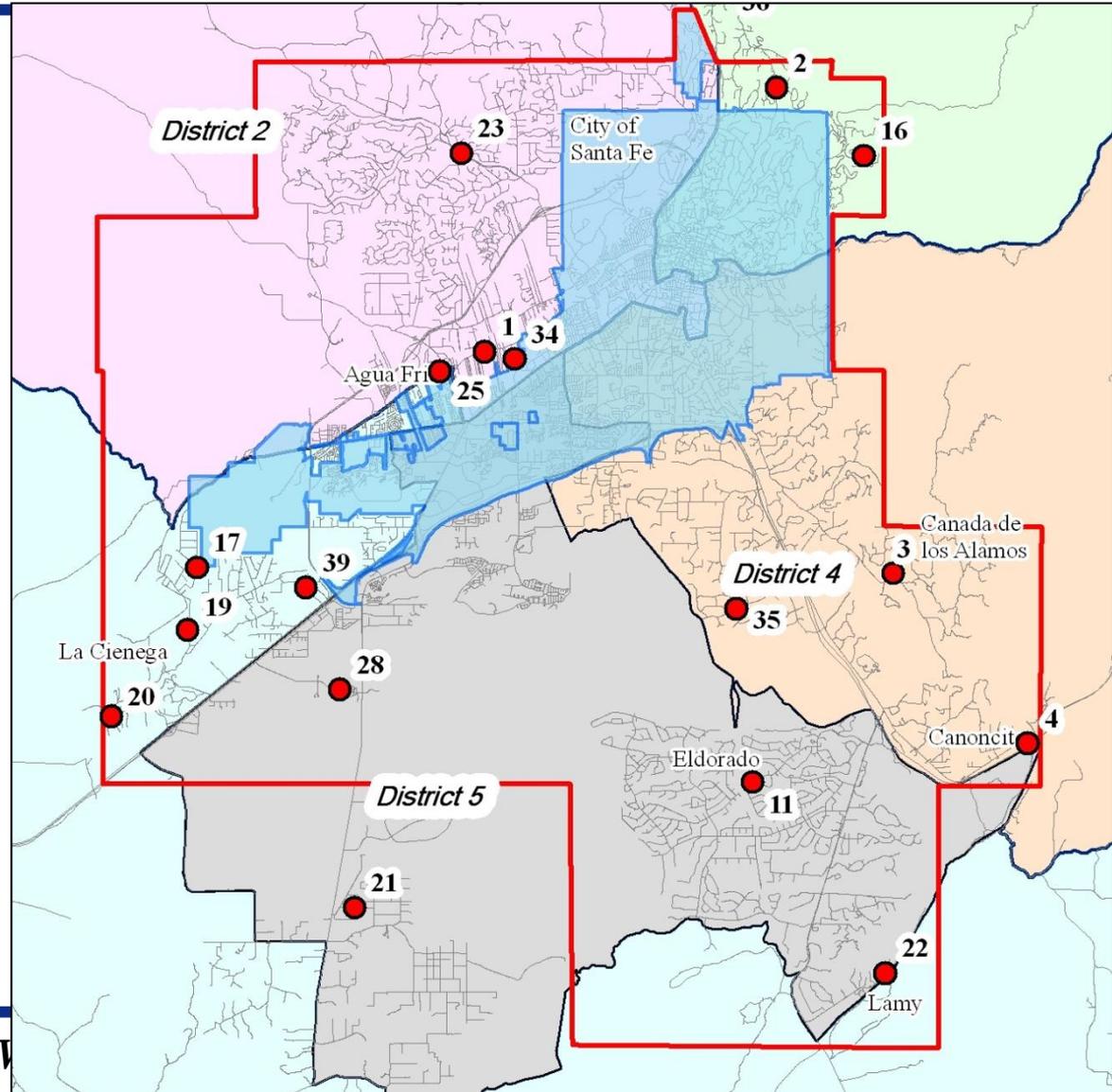


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# Santa Fe County Utility

- Water Rights: 3200 afy
- Customers: 3400
- Revenues: \$3.1M
- Daily delivery: 3 MGD



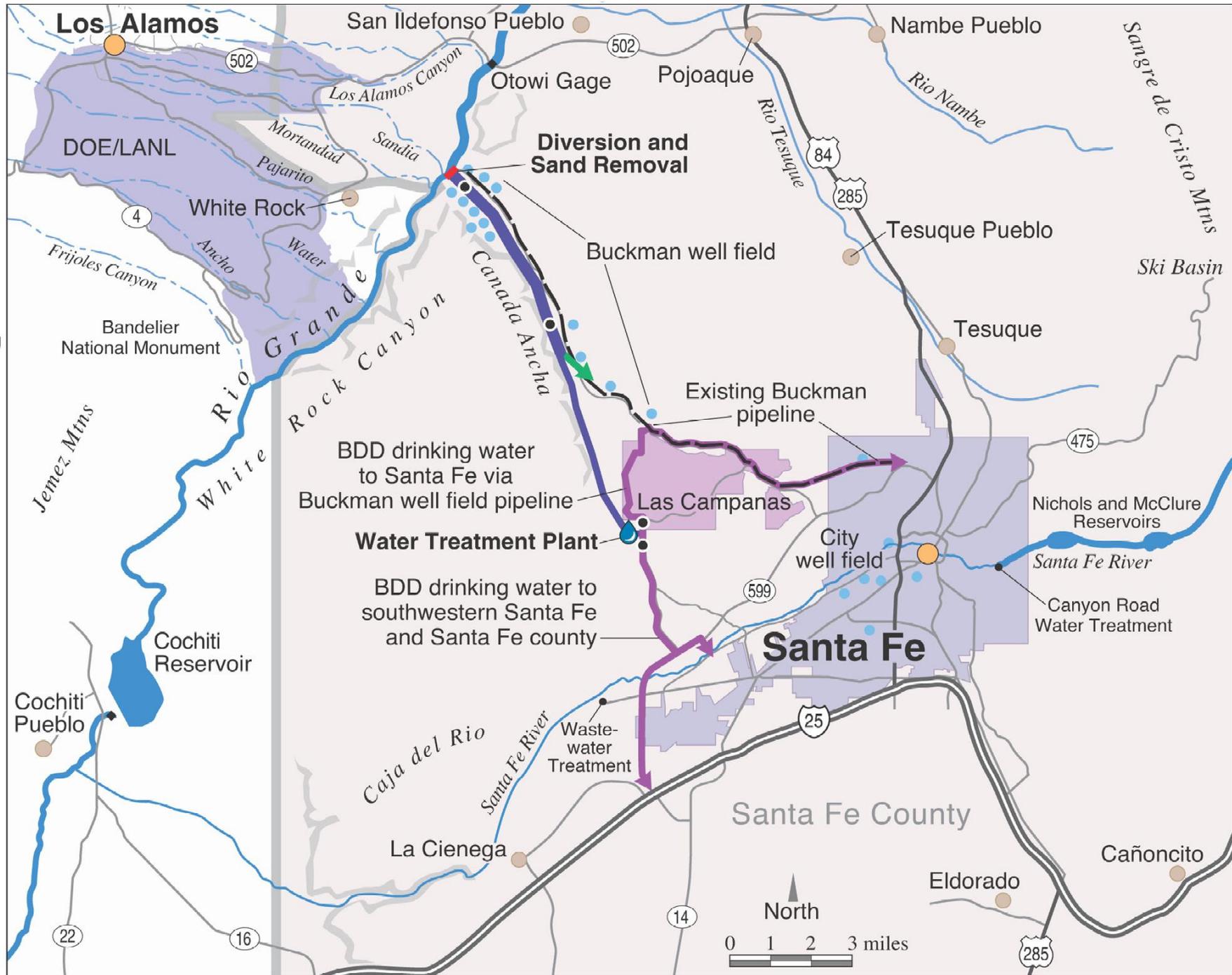


# County Sources of Supply

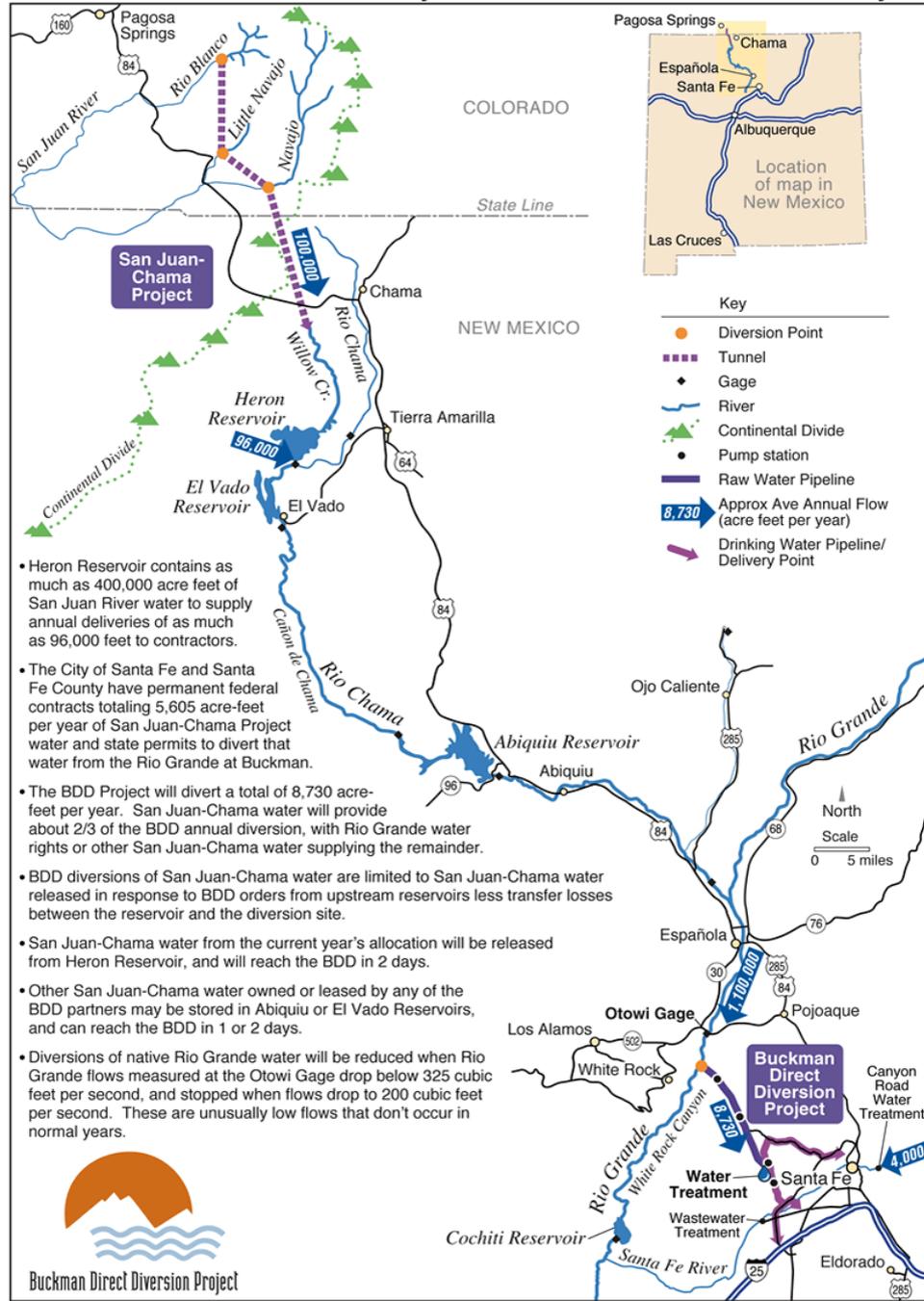
- Sources of Supply
  - Rio Grande (BDD)
    - 2241 acre-feet of diversionary capacity
  - City of Santa Fe (Water Resources Agreement)
    - 500 acre-feet wholesale
    - 850 acre-feet drought protection

City of Santa Fe Water Supply

Source	Water Rights (ac-ft)
Santa Fe River	5,040
City Wells	3,586*/ 4,865
Buckman Wells	10,000
BDD	5,230



# Buckman Direct Diversion Project and the San Juan-Chama Project



**SANTA FE COUNTY  
UTILITIES DIVISION  
EFFECTIVE JULY 1, 2011**

**WATER RATES & FEE SCHEDULE**

WATER METER BASE CHARGE PER MONTH		
Meter Size	Residential	Non- Residential
5/8"	\$14.50	\$30.68
3/4"	\$15.68	\$43.59
1"	\$17.99	\$69.42
1 1/2"	\$38.99	\$133.99
2"	\$40.42	\$211.46
3"	\$61.08	\$407.77
4"	\$484.45	\$484.45
6"	\$964.05	\$964.05
8"	\$1,539.58	\$1,539.58
10"	\$2,138.00	\$2,138.00

WATER USAGE CHARGE PER MONTH PER 1,000 GALLONS		
Quantity	Residential	Non-Residential
First 5,000 Gallons	\$6.12	\$5.91
Next 5,000 Gallons	\$8.43	\$8.16
Next 5,000 Gallons	\$13.02	\$12.65
Above 15,000 Gallons	\$17.62	\$17.07

Quantity	Wholesale 1	Wholesale 2	Mutual Domestic
Per 1,000 Gallons	\$5.47	\$4.01	\$3.22

\* Wholesale 1 - Potable Water    \* Wholesale 2 - Non-Potable Water

WATER SERVICE CONNECTION FEE				
Meter Size	Residential	Non-Residential	Whole Sale	MD/Govt/ Inst
5/8" - 3/4"	\$2,750	\$2,750	\$2,750	\$2,750
1" - 1 1/2"	\$3,385	\$3,385	\$3,385	\$3,385
2" - 3"	\$6,835	\$6,835	\$6,835	\$6,835
4"	\$18,602	\$18,602	\$18,602	\$18,602
6"	\$31,925	\$31,925	\$31,925	\$28,727
8"	\$92,377	\$92,377	\$92,377	\$83,135
10"	\$129,769	\$129,769	\$129,769	\$116,792

WATER SERVICE STANDBY FEE / RECONNECT FEE / SURCHARGE	
Standby Fee	\$3.55 Per Month
Reconnect Fee	\$90.00
State Surcharge per 1,000 Gallons	\$ 0.03

BULK WATER	
Commercial	\$ .02 per gallon
Residential	\$ .01 per gallon

FIRE SERVICE LINE (PER MONTH)		
Meter Size	Residential	Non- Residential
3"		\$21.19
4"		\$34.68
6"		\$68.39
8"		\$108.84
10"		\$159.89

FIRE HYDRANT (PRIVATE)
\$200.00 PER YEAR

**SEWER RATE & FEE SCHEDULE**

SEWER BASE RATE PER MONTH	
All Sewer Services	\$6.54

SEWER USAGE RATE PER MONTH		
Quantity	Residential	Non-Residential
Per 1,000 Gallons	\$3.50	\$3.50

Based on Average monthly winter usage (December, January, February)

SEWER SERVICE CONNECTION FEE		
Fixture Unit Equivalenta (FUE)	Residential	Non-Residential
First 20	\$180	\$10 Each
>20	\$10 Each	\$10 Each

SEWER SERVICE STANDBY FEE	
All Lots	\$7.00 Per Month

Late Payment Penalty of 1.5% per month of Total Balance in Arrear  
Insufficient Funds Penalty: As Determined by County Treasurer

**AFTER HOUR EMERGENCY  
1-866-885-6623**

**Santa Fe County Water Utilities**  
Physical: 424 NM Highway 599  
Santa Fe, NM 87507  
Mailing: P.O. Box 276  
Santa Fe, New Mexico 87504  
505-992-9870  
[www.santafecounty.org](http://www.santafecounty.org)

**Average County Customer:  
4300 gal/month  
\$48/month**

### WATER METER BASE CHARGE PER MONTH

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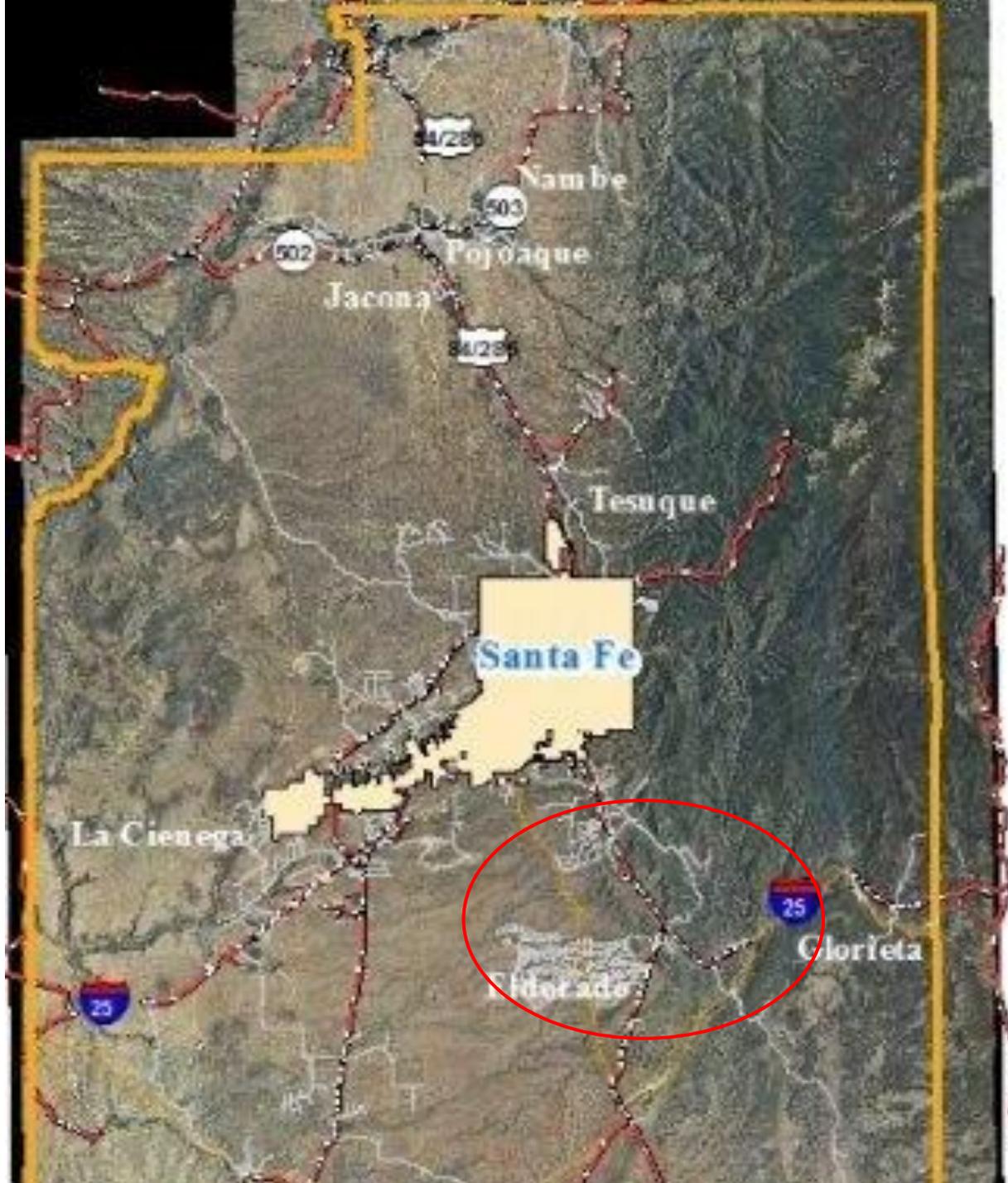
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\* Wholesale 2 - Non-Potable Water



502

503

8428

23

25

Santa Fe

Nambe

Pojoaque

Jacona

Tesuque

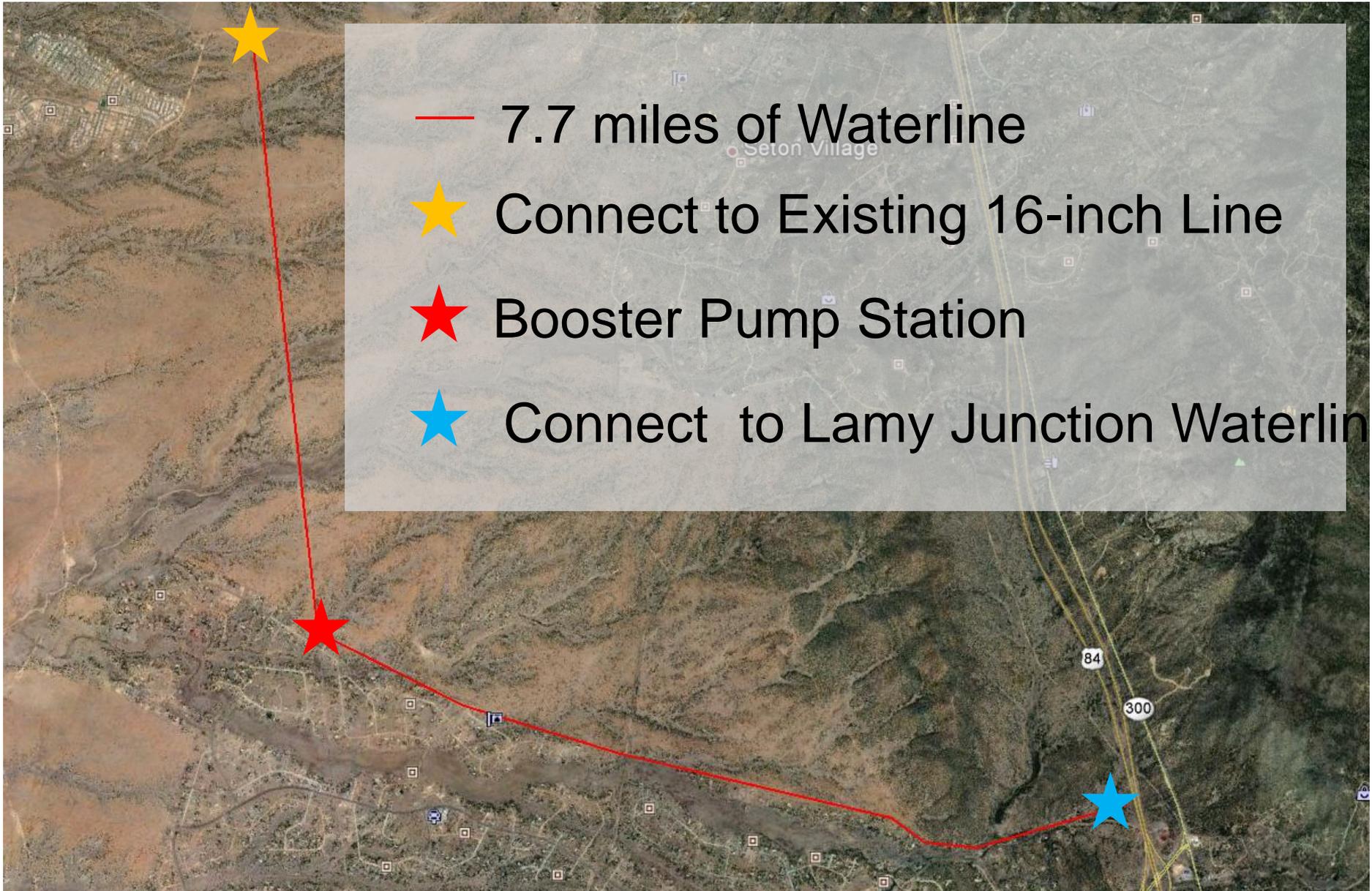
La Cienega

Eldorado

Clorieta



# Overview



— 7.7 miles of Waterline

★ Connect to Existing 16-inch Line

★ Booster Pump Station

★ Connect to Lamy Junction Waterline



# ***Components, Capabilities***

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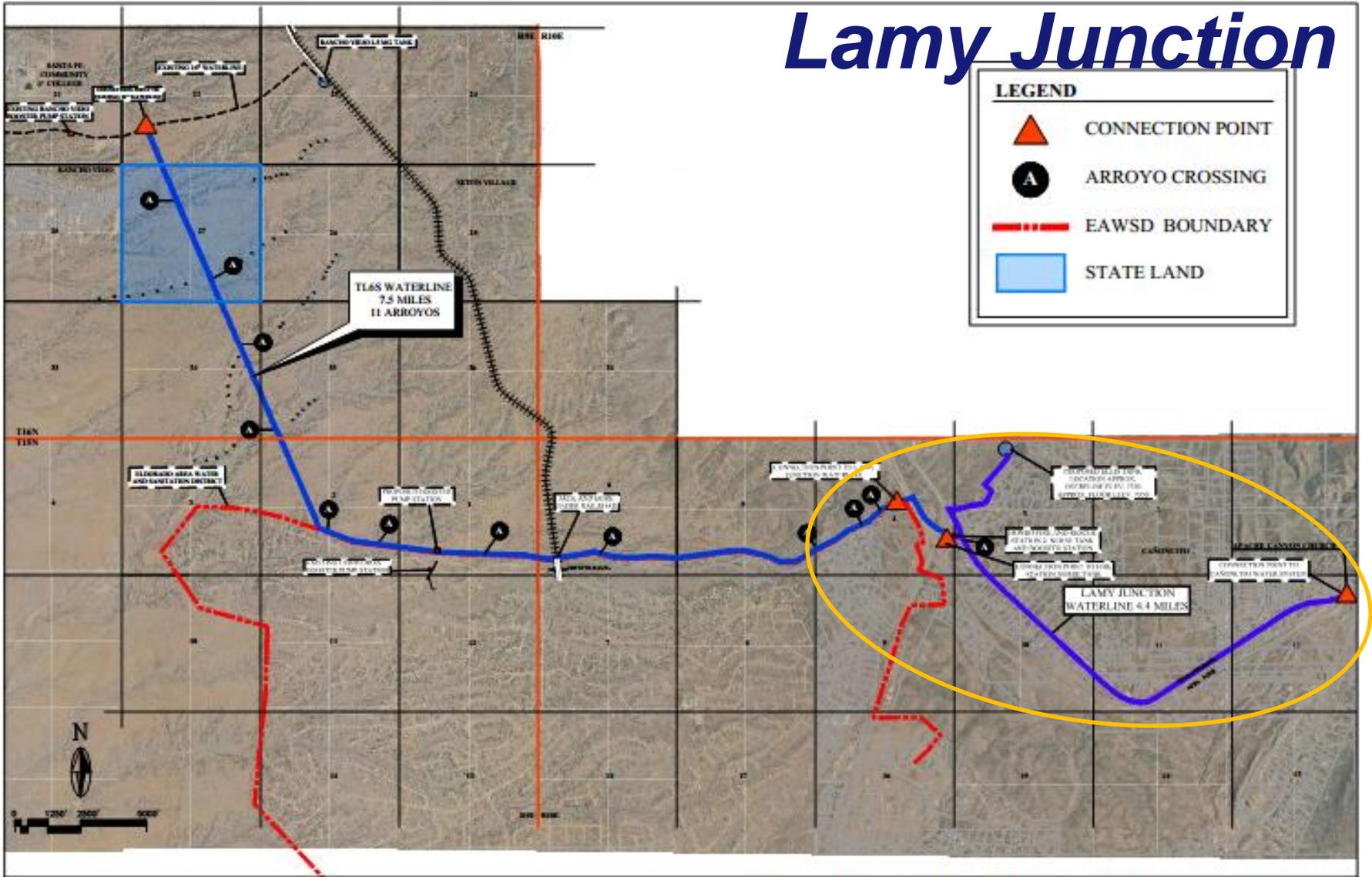
## **Transmission Line**

- Buckman Direct Diversion Water
- Connect to Rancho Viejo System
- 12- and 8-inch line
- Transmission to area of Lamy Junction

## **Booster Pump Station**

- Design Flow: 400 gpm
- 75 hp pumps, 417 feet TDH

# Lamy Junction

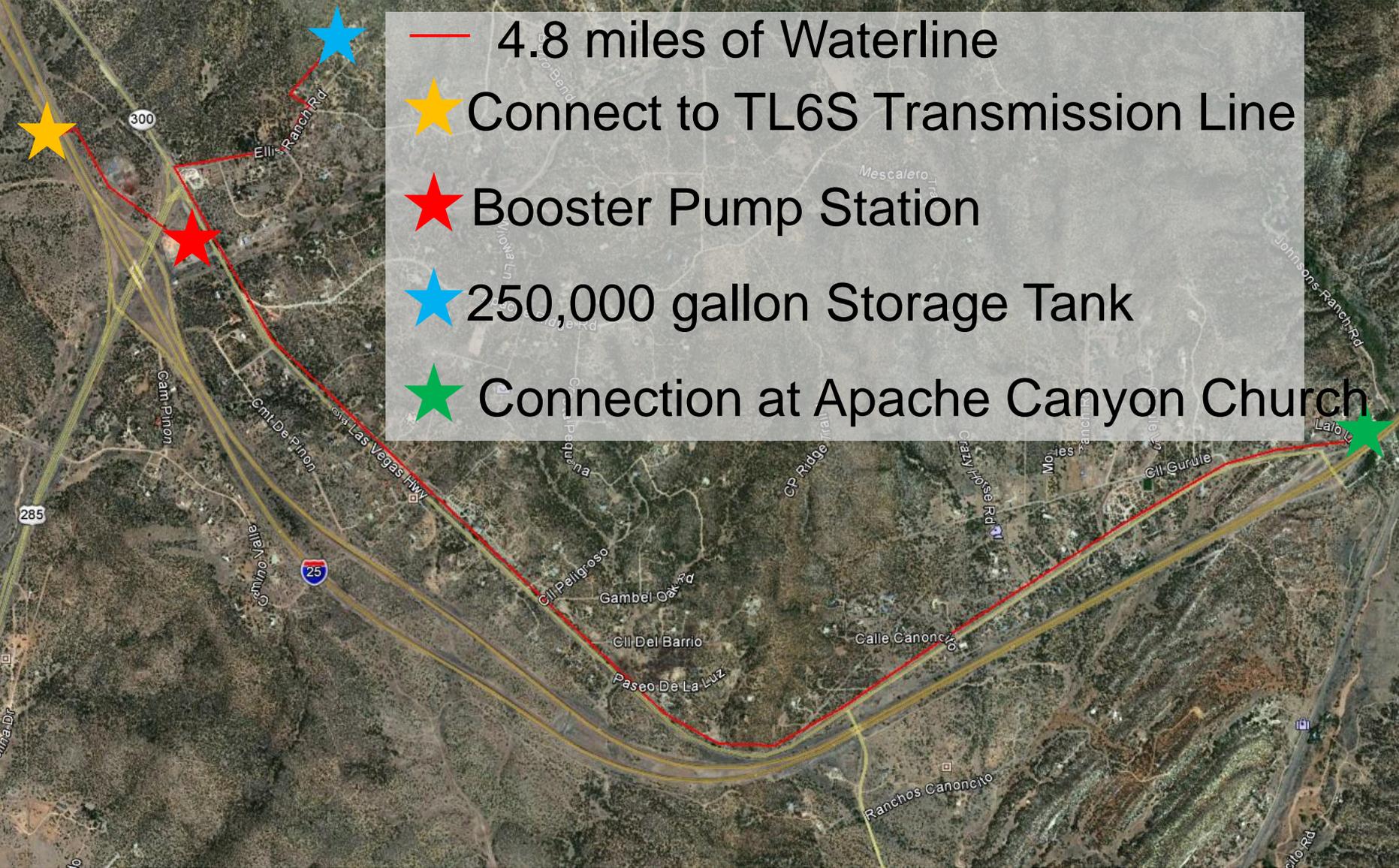


TL6S & Lamy Junction Water Transmission Lines - Santa Fe County, NM

**MOLZENCORBIN**

**Project Planning Map**

# Overview





# Components, Capabilities

## Booster Pump Station

- Design Flow: 400 gpm
- 40 hp pumps, 225 feet TDH
- 50,000-gallon control tank
- Altitude Valve Station with pressure sustaining feature

## Transmission Line

- 10-inch line
- Fire Flow + Peak Hour
- 1,177 gpm
- Service to residents along OLVH and in Cañoncito

## Storage Tank

- 250,000 gallons
- Site plan for second tank
- Overflow Elevation approximately 7,370 feet



# Schedule

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<b>Project</b>	<b>30% Design</b>	<b>70% Design</b>	<b>Final Design</b>	<b>Bidding</b>	<b>Start Construction</b>	<b>Completion</b>
TL6S	July 2013	August 2013	September 2013	October 2013	December 2013	December 2014
<u>Lamy Junction</u>	June 2013	August 2013	September 2013	October 2013	December 2013	December 2014

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# *Wrap-up and Questions*

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- **Recap**
- **Questions**