

Public Works

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Santa Fe County Rural Water System Policy

Feb 4, 2014



Adam Leigland, PE, AICP, ENV SP
Department Director



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

-Mark Twain

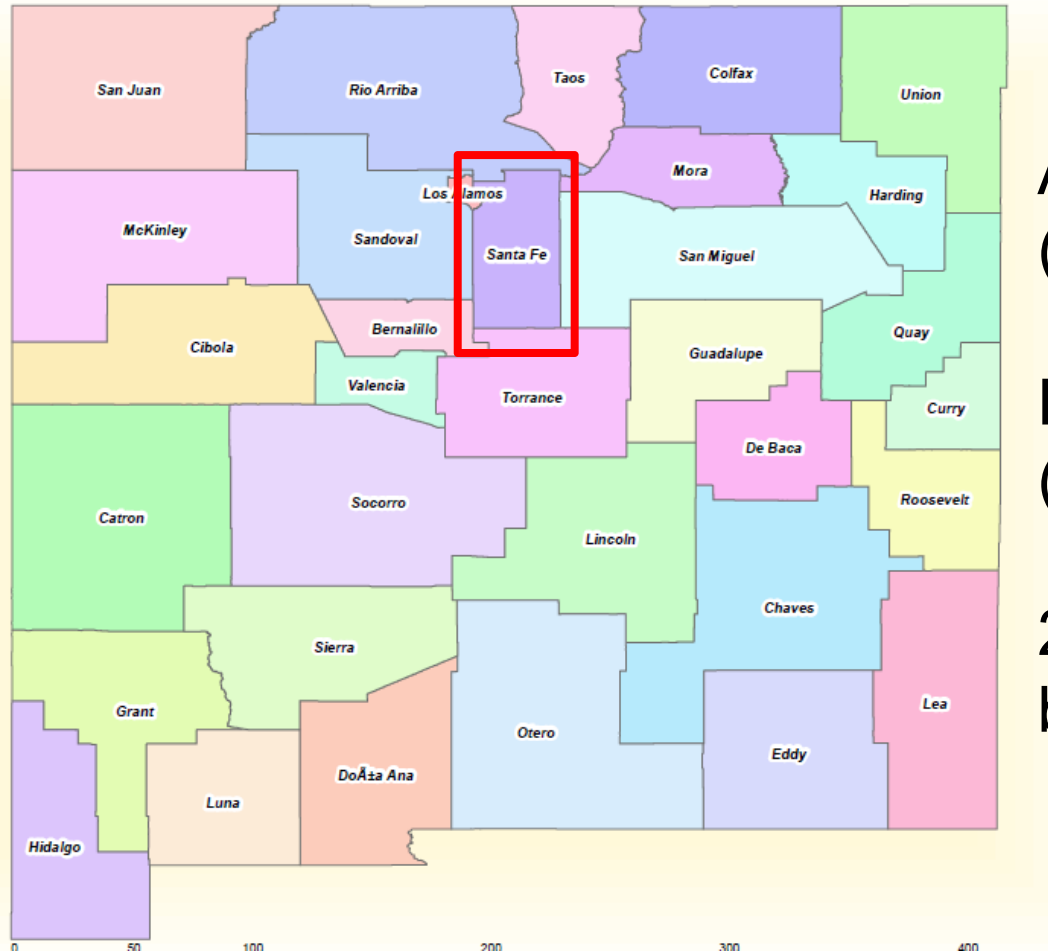


Outline

- Introduction and orientation
- SFC water, water utility background
- Rural water systems in New Mexico
- Why a policy?
- Explanation of rural water system policy
- Exportability
- Recap/questions



Santa Fe County



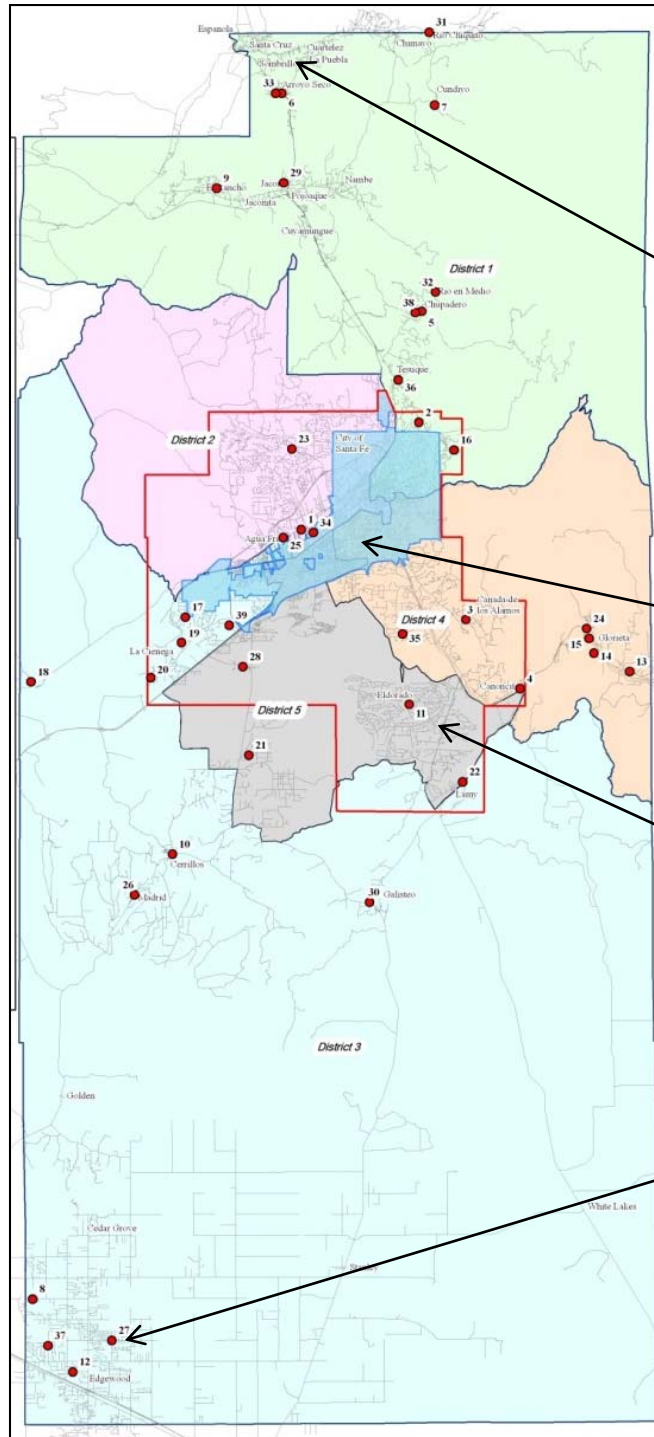
Area: 1,911 square miles
(5th smallest)

Pop: 146,375
(3rd largest)

2nd wealthiest on per cap
basis

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City of Espanola (Pop: 10,495)

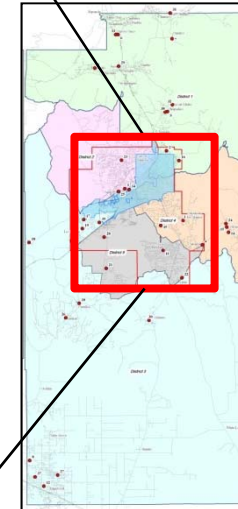
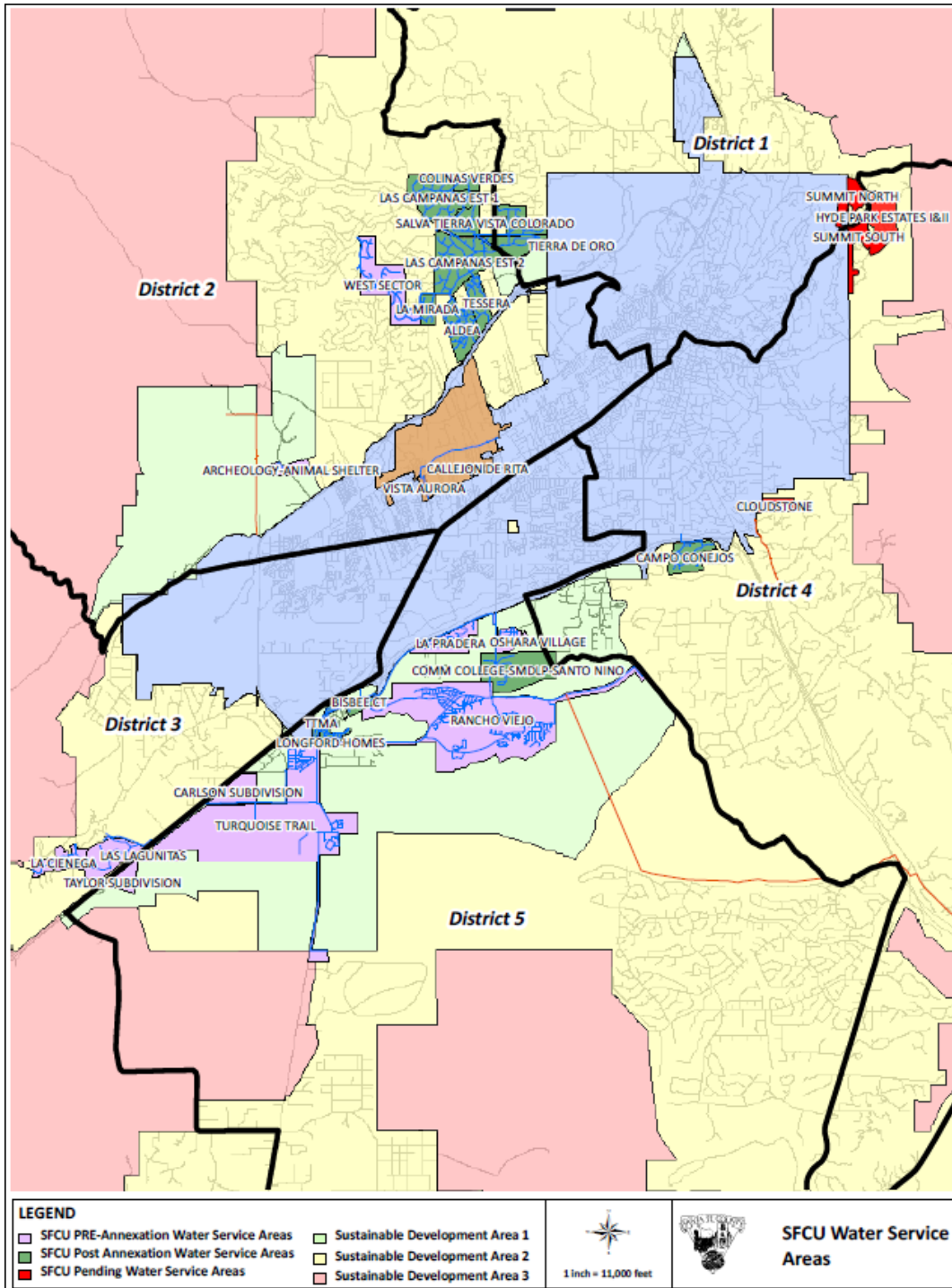
City of Santa Fe (Pop: 67,947)

Eldorado at Santa Fe (Pop: 5,565)

Town of Edgewood (Pop: 3,375)

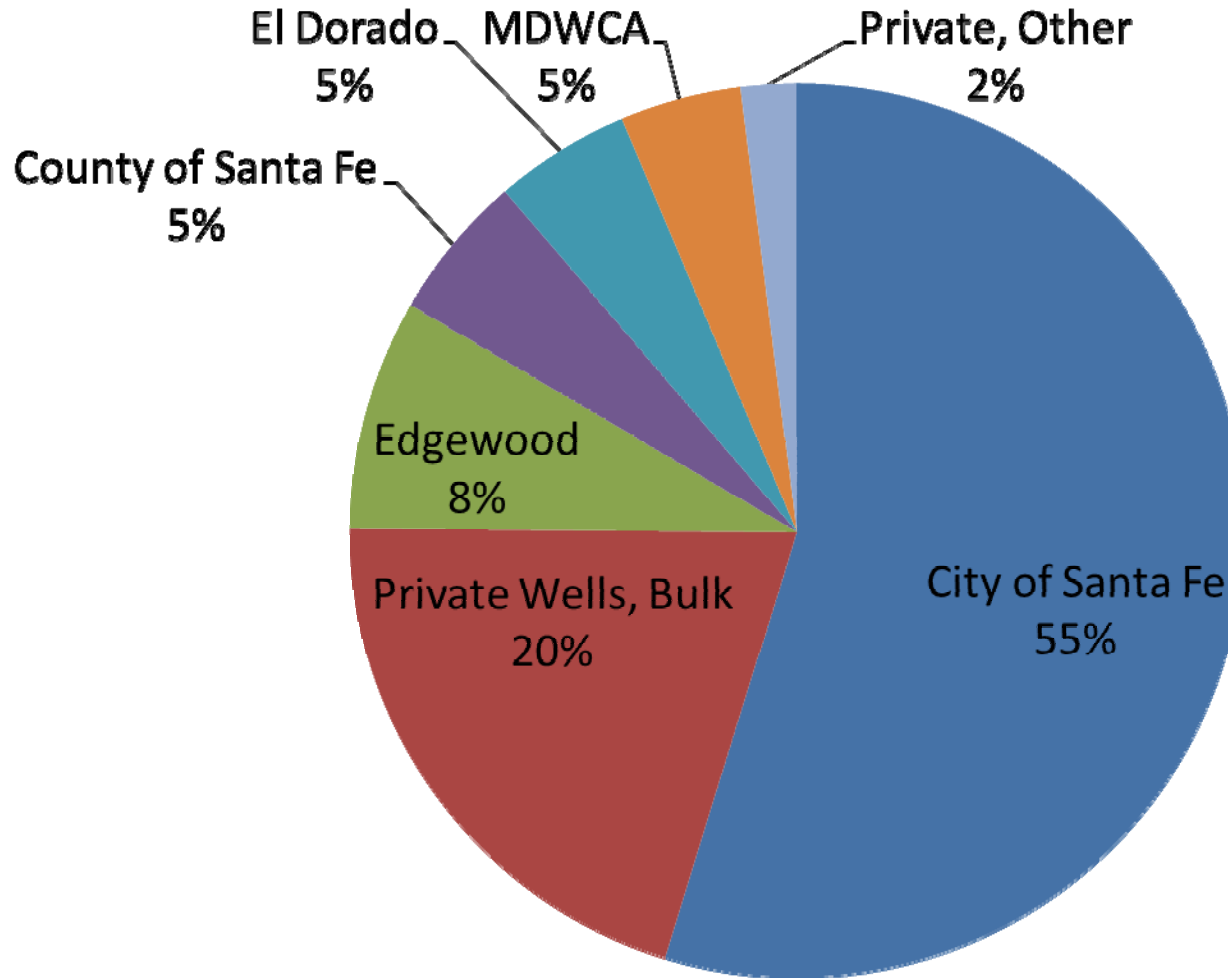
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County Utility





Water Customers, County-wide



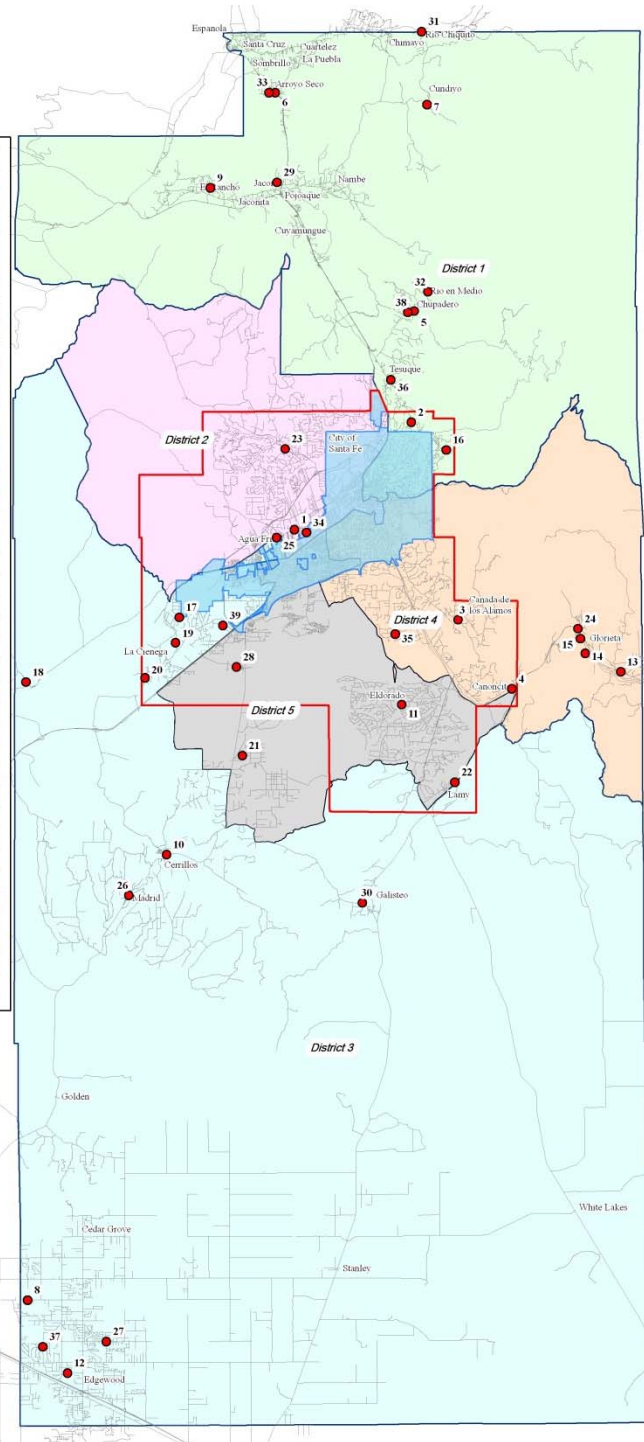
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Rural Water Systems

- **Mutual Domestic Water Consumers Association**
 - **Sanitary Projects Act of 1947**
- **Cooperative Domestic Water Association**
 - **Non-profit but non-governmental**
- **Private systems**

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





Why a policy?

- Meeting Today's Cost and Compliance Challenges with More Holistic Approaches
- Aging infrastructure
- Increasing regulatory burdens
 - Environmental
 - Financial
- Funding sources
- Governance



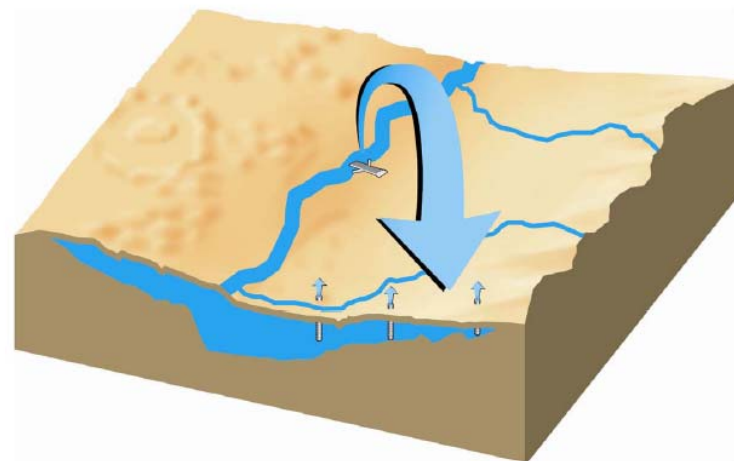
Plans & Policies

Santa Fe County Sustainable Growth Management Plan (SGMP)



Santa Fe County General Plan
Adopted by the Board of County Commissioners
by Resolutions 2010-210 and 2010-225

SANTA FE COUNTY CONJUNCTIVE MANAGEMENT PLAN FOR THE SANTA FE BASIN



January, 13th 2009

Prepared by
Santa Fe County Attorney's Office and
Growth Management Dept: Water / Wastewater Operations

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Policy Guidance

From Sustainable Growth Management Plan

- 1. Ensure a sustainable water supply**
- 2. Reliance on groundwater as a primary water source is unsustainable**
- 3. Need to support small community water systems**
- 4. Coordinated ongoing regional water planning process**
- 5. Expand centralized service provision**
- 6. Water conservation**

From Conjunctive Management Plan

- 1. Surface water is primary source and groundwater is back-up source.**



Regional Policy

Jemez y Sangre Regional Water Plan

Volume 1: Report

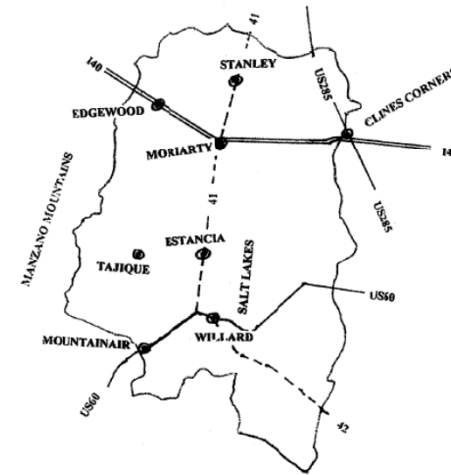


Prepared for:

**Jemez y Sangre Water
Planning Council**

March 2003

ESTANCIA BASIN RECOMMENDED REGIONAL WATER PLAN (YEAR 2000 TO YEAR 2040) EXECUTIVE SUMMARY



**Estancia Basin Water
Planning Committee
January 8, 1999**

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Regional Guidance

- 1. Close the demand/supply gap**
- 2. Public participation**
- 3. Local control**
- 4. Basin-wide focus**
- 5. Regionalization**

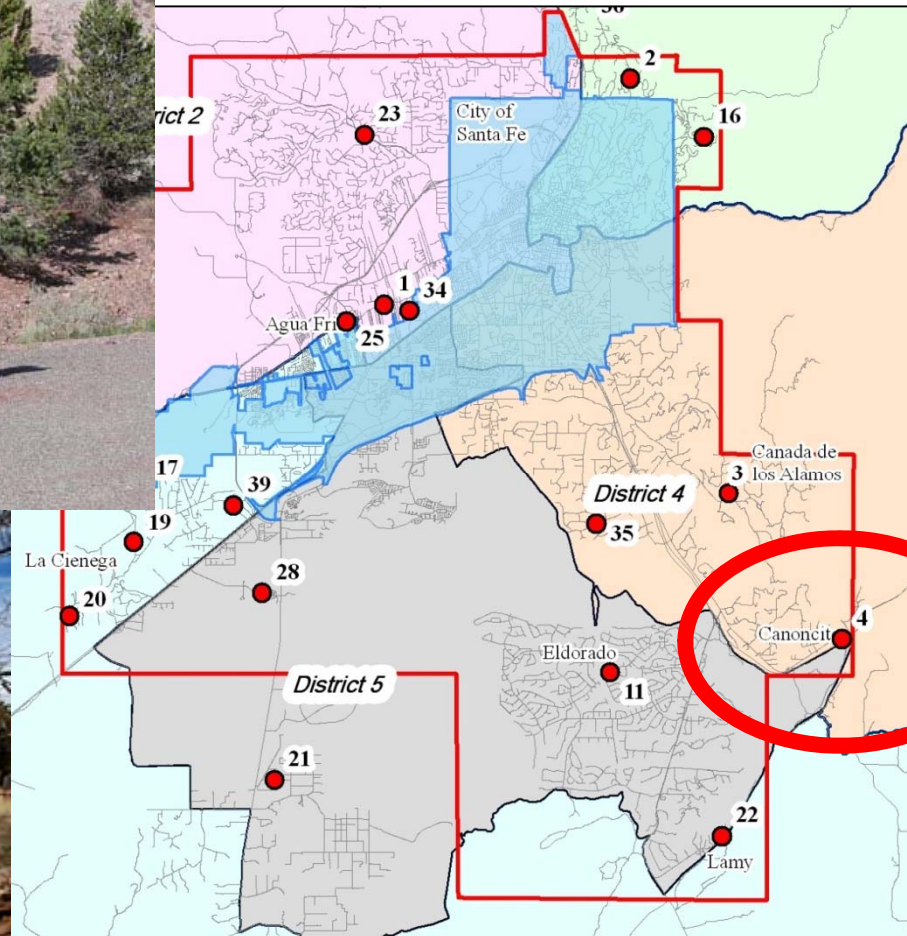


Policy Described

- Rural systems become “acquired” or “absorbed” by County utility
 - Decentralized but standardized
 - Three tiers
 - Retail
 - Wholesale
 - Tech support
 - More carrot, less stick
 - Assumption of liability
 - Technical Advisory Team
 - Land use controls
-



Canoncito



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Interests

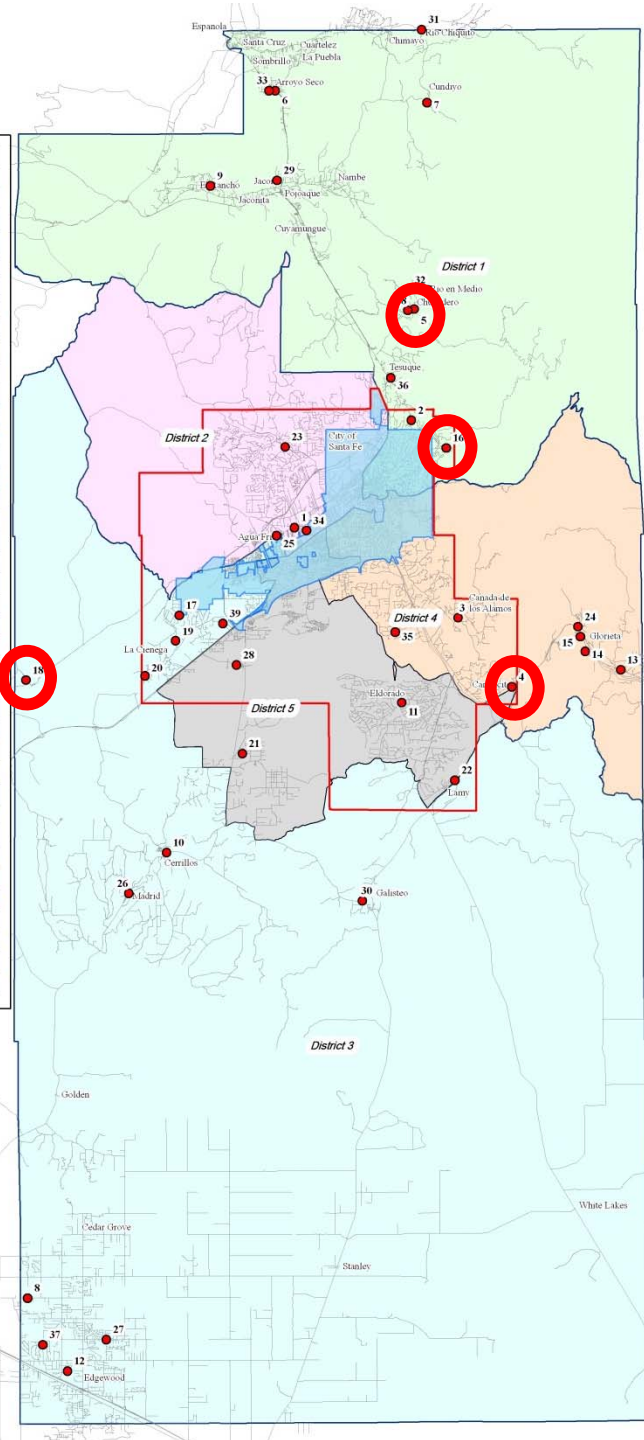
County

- Provide safe drinking water
- Conjunctive management
- Control of capital
- Support County utility
- Utilize BDD
- Regionalization/cooperation
- Self-rule, small-town character

Rural Water Systems

- Provide safe drinking water
- Self-rule, small-town character
- Growth control
- Governance
- Increased regulatory/TFM burdens
- Paucity of funding
- Low rates/rate control
- Uncertain supplies

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Lessons Learned

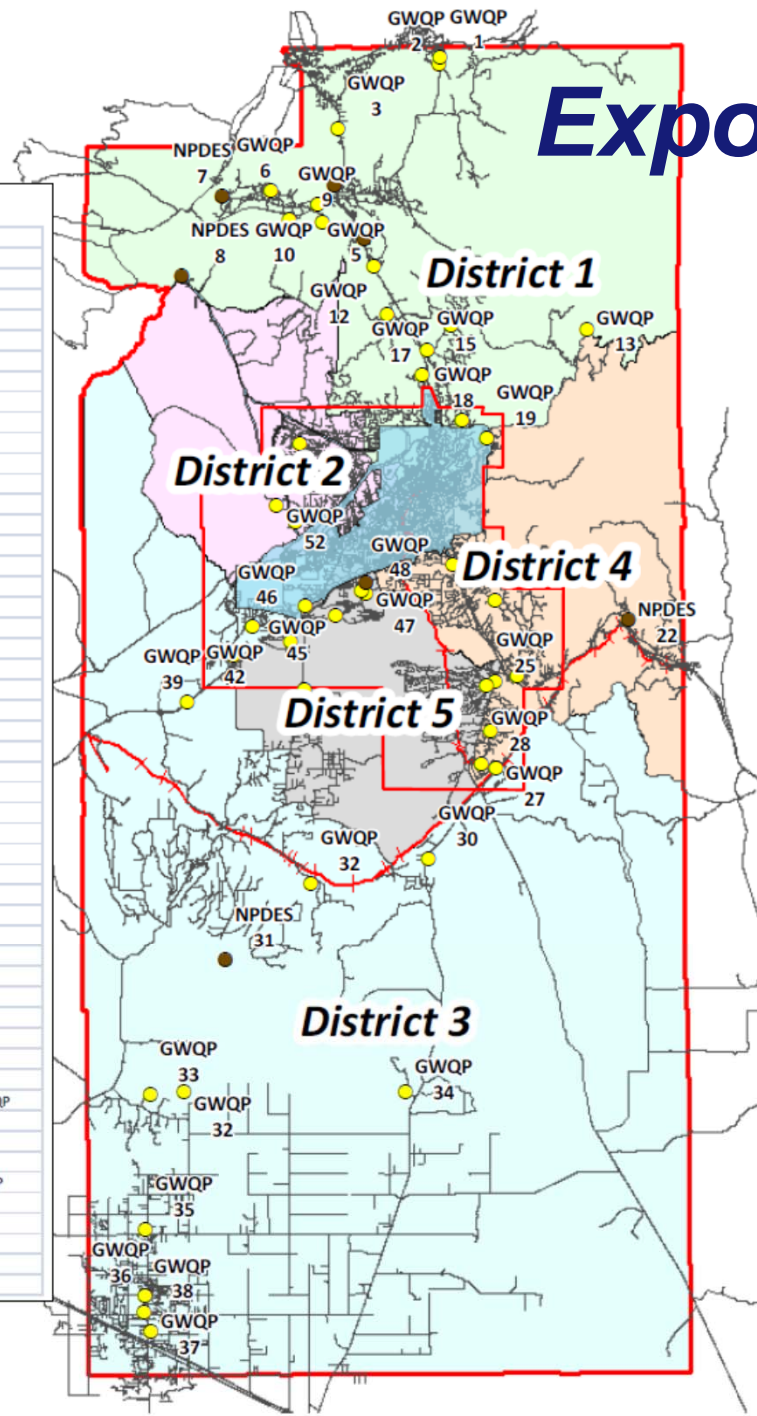
- **Specificity vs. generality**
- **Devil's in the details: how will this be implemented?**
- **Patience**
- **Communication**

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Exportability

Waste Water Treatment Facilities

1	RANCHOP DE CHIMAYO - GWQP
2	SANTUARIO DE CHIMAYO - GWQP
3	JUNIPER HILLS MHP - GWQP
4	POJOAQUE TERRACES MHP - NPDES
5	CIELO LINDO MHP - GWQP
6	EL RANCHO MHP - GWQP
7	USDOE - NPDES
8	BDD - NPDES
9	JACONA CAMPUS - GWQP
10	POJOAQUE SEPTAGE FACILITY - GWQP
11	TOWA RESORT - NPDES
12	GABRIELS RESTAURANT - GWQP
13	SANTA FE SKI BASIN - GWQP
14	PUEBLO ENCANTADO - GWQP
15	RIVERSIDE MHP - GWQP
16	SOL Y SOMBRA TP - GWQP
17	SF OPERA - GWQP
18	BISHOPS LODGE - GWQP
19	TEN THOUSAND WAVES - GWQP
20	HARRYS ROADHOUSE - GWQP
21	BISHOPS RIDGE - GWQP
22	LIFEWAY GLORIETA - NPDES
23	SF KOA - GWQP
24	LA TIENDA - GWQP
25	AGORA SHOPPING CENTER - GWQP
26	RANCHO DE BOSQUE - GWQP
27	LAMY TOWN CENTER - GWQP
28	VILLAGE AT GAUSTEO BASIN - GWQP
30	VISTA CLARA RANCH - GWQP
31	LAC MINERALS - NPDES
32	FLUSHING MEADOWS - GWQP
33	CUNNINGHAM HILL MINE - GWQP
34	ZORRO RANCH - GWQP
35	SOUTH MTN ELEMENTARY - GWQP
36	EDGEWOOD MIDDLE SCHOOL - GWQP
37	WALMART - GWQP
38	EDGEWOOD SCHOOL - GWQP
39	NMDOT REST AREA - GWQP
40	LA CIENEGA OWNERS ASSOC. - GWQP
41	LAS LAGUNITAS - GWQP
42	SUNRISE SPRINGS - GWQP
43	QUILL - GWQP
44	TURQUOISE TRAIL CHARTER SCHHOL - GWQP
45	RANCHLAND UTILITIES - GWQP
46	SF BREWING - GWQP
47	COMMUNITY COLLEGE - GWQP
48	SANTA MARIA DE LA PAZ CHURCH - GWQP
49	OSHARA VILLAGE - NPDES
50	ANTA FE ANIMAL SHELTER - GWQP
51	CAJA DEL RIO LANDFILL - GWQP
52	GAME AND FISH - GWQP
53	LAS CAMPANAS - GWQP





Wrap-up and Questions

- **Where are we now?**
- **Next Steps**
- **Questions**