

Mora-San Miguel- Guadalupe Counties

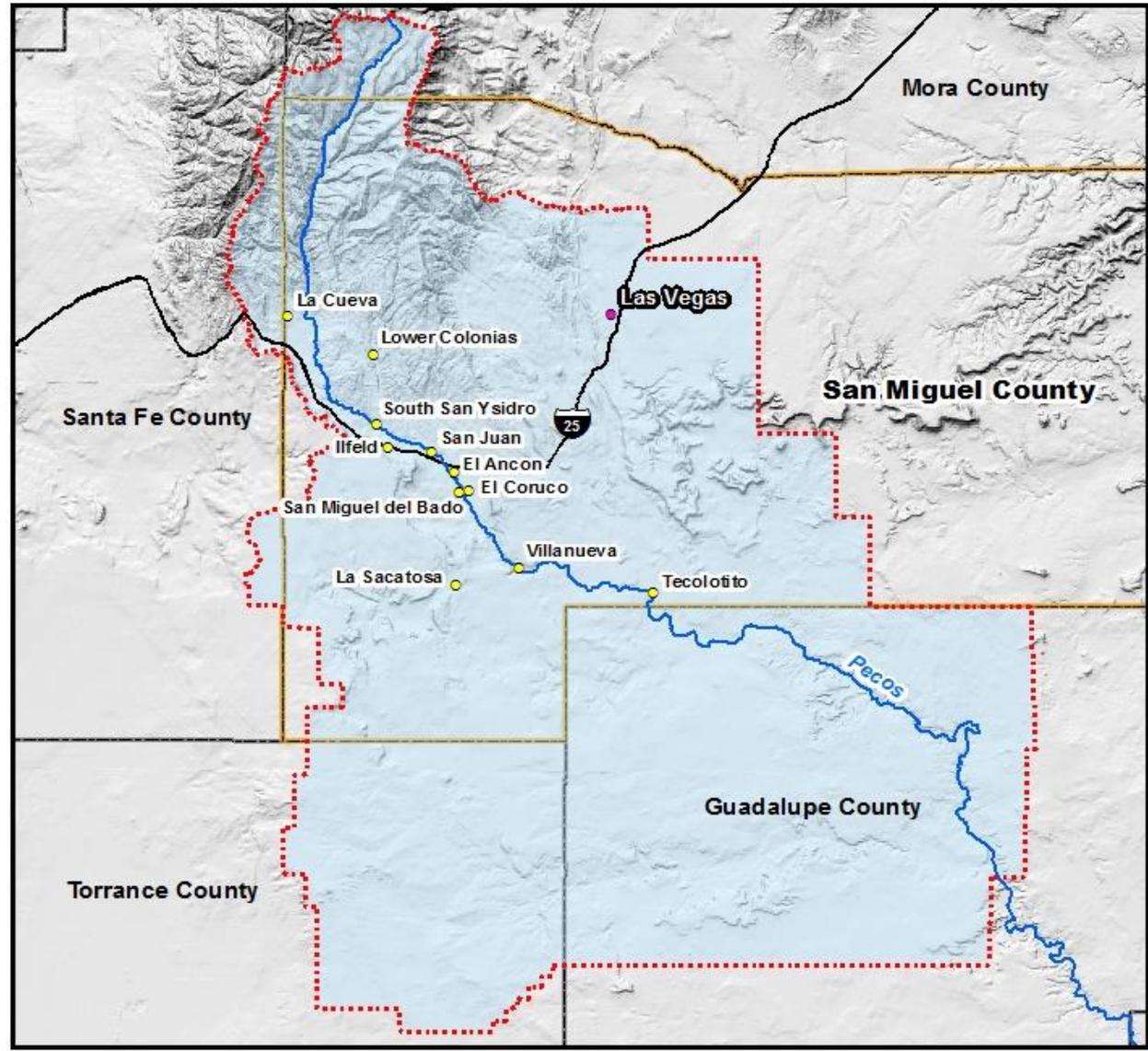
Region 8 Water Planning Area

Ramon Lucero, El Valle Water Alliance





~El Valle Water Alliance~



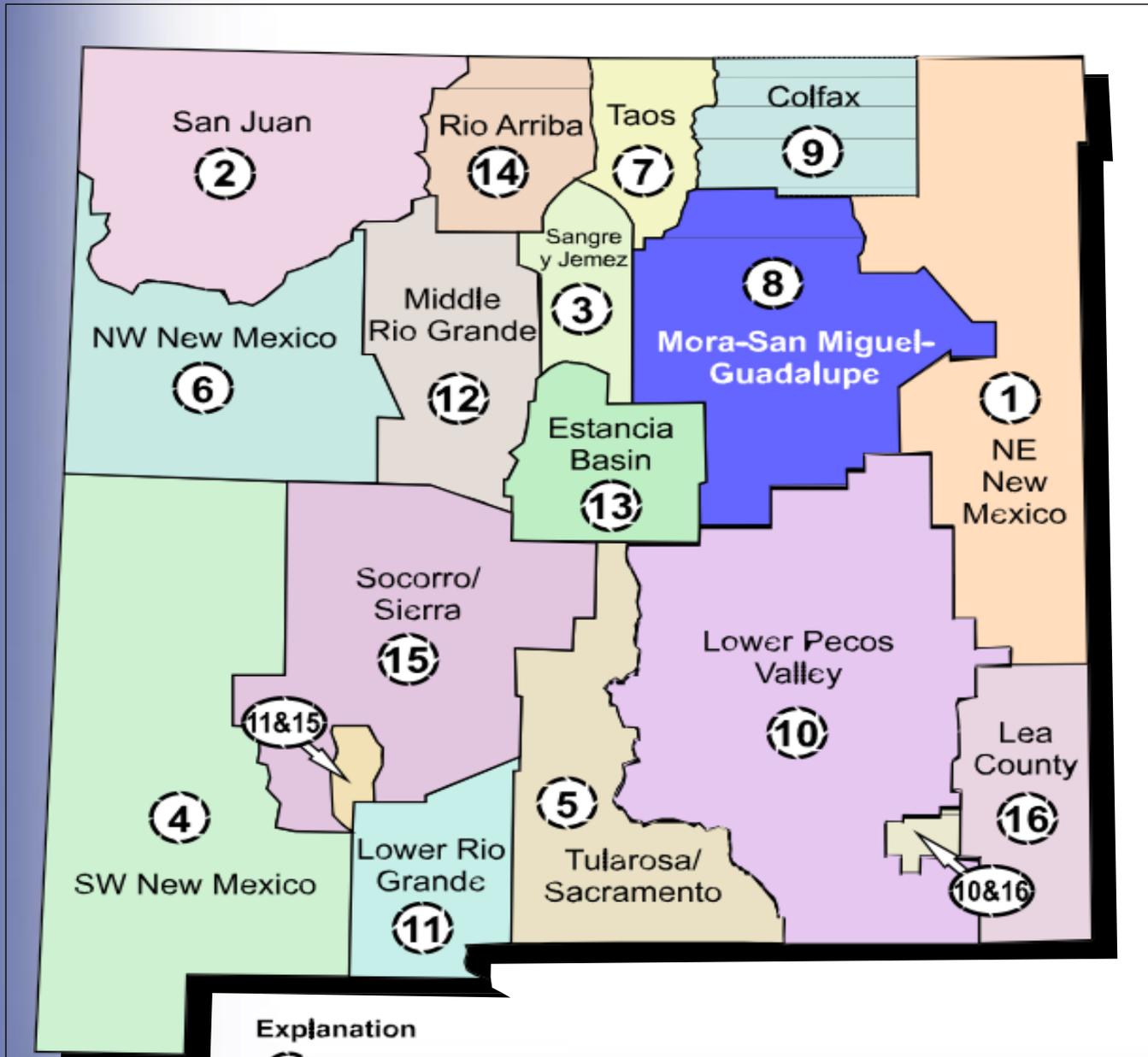
Legend

- El Valle Water Alliance
- Pecos River
- ▭ Upper Pecos Basin
- ▭ San Miguel County
- Interstate

Last Update: 8/2/12
Projection: NAD_1983_UTM_Zone_13N



Location of the Planning Region



Stakeholders

- Municipalities & Villages
 - Las Vegas
 - Santa Rosa
 - Wagon Mound
 - Vaughn
 - Pecos
- Acequias
 - Over 150 acequias
- MDWCAs
 - Over 42 MDWCAs

Stakeholders

- Federal
 - USDA NRCS & RD
 - Army Corps of Engineers – Santa Rosa Lake
 - NNM National Wildlife Refuge
 - US Forest Service

- State
 - NM State Forestry
 - Lisboa Springs Fish Hatchery
 - Storrie Lake
 - Conchas Dam

Stakeholders

- State
 - Tri-County School Districts
 - NM Game & Fish
 - Coyote Creek & Villanueva State Parks
 - NMED
 - Interstate Stream Commission
 - OSE
 - NM State Land Office

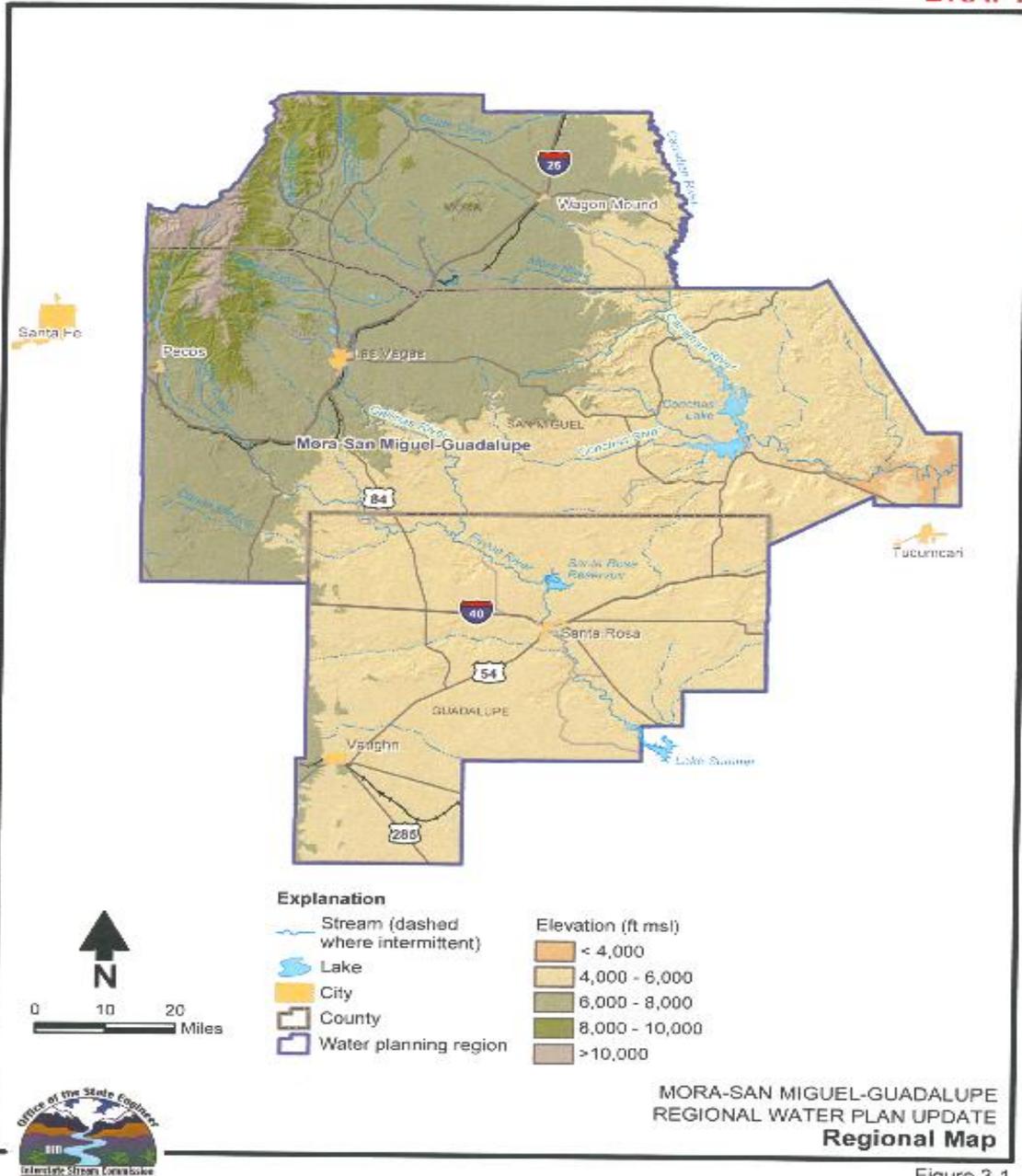
Stakeholders

- Watersheds
 - Upper Pecos Watershed
 - Hermits Peak Watershed
 - Mora Watershed
 - Sapello Watershed
- Soil & Water Conservation Districts
 - Tierras y Montes SWCD
 - Western Mora SWCD
 - Guadalupe SWCD

Stakeholders

- County Governments
 - Mora
 - San Miguel
 - Guadalupe
 - Offices of Emergency Management
- Economic Development
 - LV-SM EDC Board
 - NCEDD
 - Ranching
 - Business

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MORA-SAN MIGUEL-GUADALUPE REGIONAL WATER PLAN UPDATE
Regional Map

Figure 3-1

Surface Water Supplies

- Upper Pecos River
 - Gallinas
 - Cow Creek
 - Storrie Lake
 - Santa Rosa Reservoir
- Canadian River Arkansas-White-Red
 - Mora
 - Sapello
 - Conchas
 - Ocate
 - Conchas Lake

Surface Water Budgets

- Upper Pecos River

2005 Region 8 Plan indicates that supply is sufficient to meet demands under both median and drought conditions. However, demands on the Gallinas are greater than supply.

- Canadian River Arkansas-White-Red

Under median conditions supply meets demands, however in drought conditions there are insufficient supplies on the Sapello and Conchas

Ground Water Supplies

- Declared Groundwater Basins
 - Canadian
 - Estancia
 - Fort Sumner
 - Lower Rio Grande
 - Rio Grande
 - Roswell
 - Tucumcari
 - Upper Pecos
 - Not Declared (San Miguel/Guadalupe)

Ground Water Budgets

According to the 2005 Region 8 Report the demands on groundwater were estimated. The groundwater budgets were incomplete however the Report clarified areas for which data was needed.

Challenges/Issues

- Drought Vulnerability
- Water Shed Management
- Pecos River Compact
- Water Rights Litigation
- Protection of Water Rights
- Data Gaps
- Antiquated Infrastructure
- Declining Population
- Water Quality
 - TMDLs
 - Arsenic, Fluoride, etc

Challenges/Issues/Goals

- Programs
- Policies
- Projects