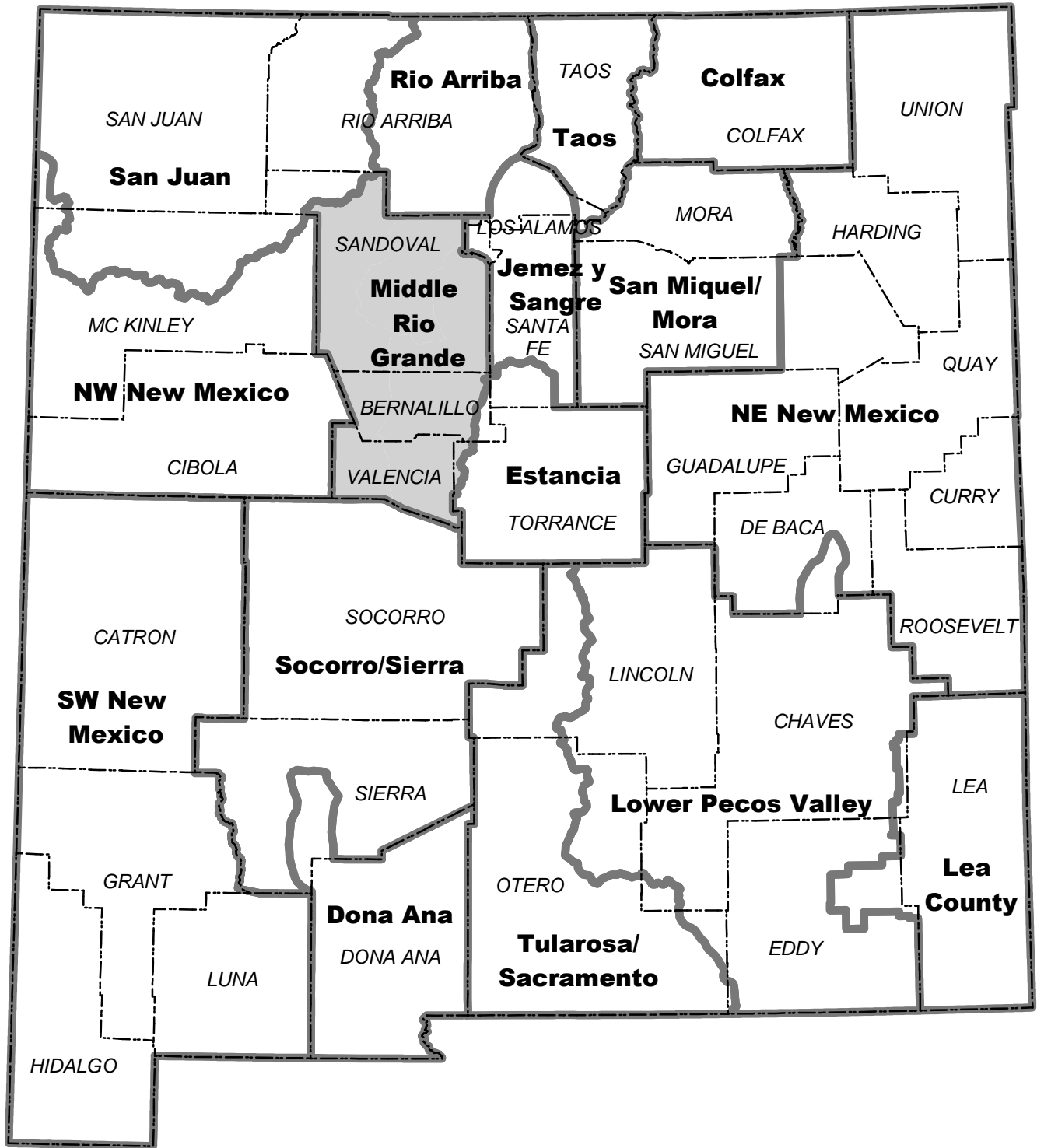

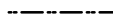


Supporting Document F

Maps Relevant to the Planning Process



 Water Planning Region Boundary
 County Boundary

Map Projection:
 Transverse Mercator
 Datum: NAD 83
 Date: 2/07/01

Water Planning Regions in New Mexico

Map compiled by:

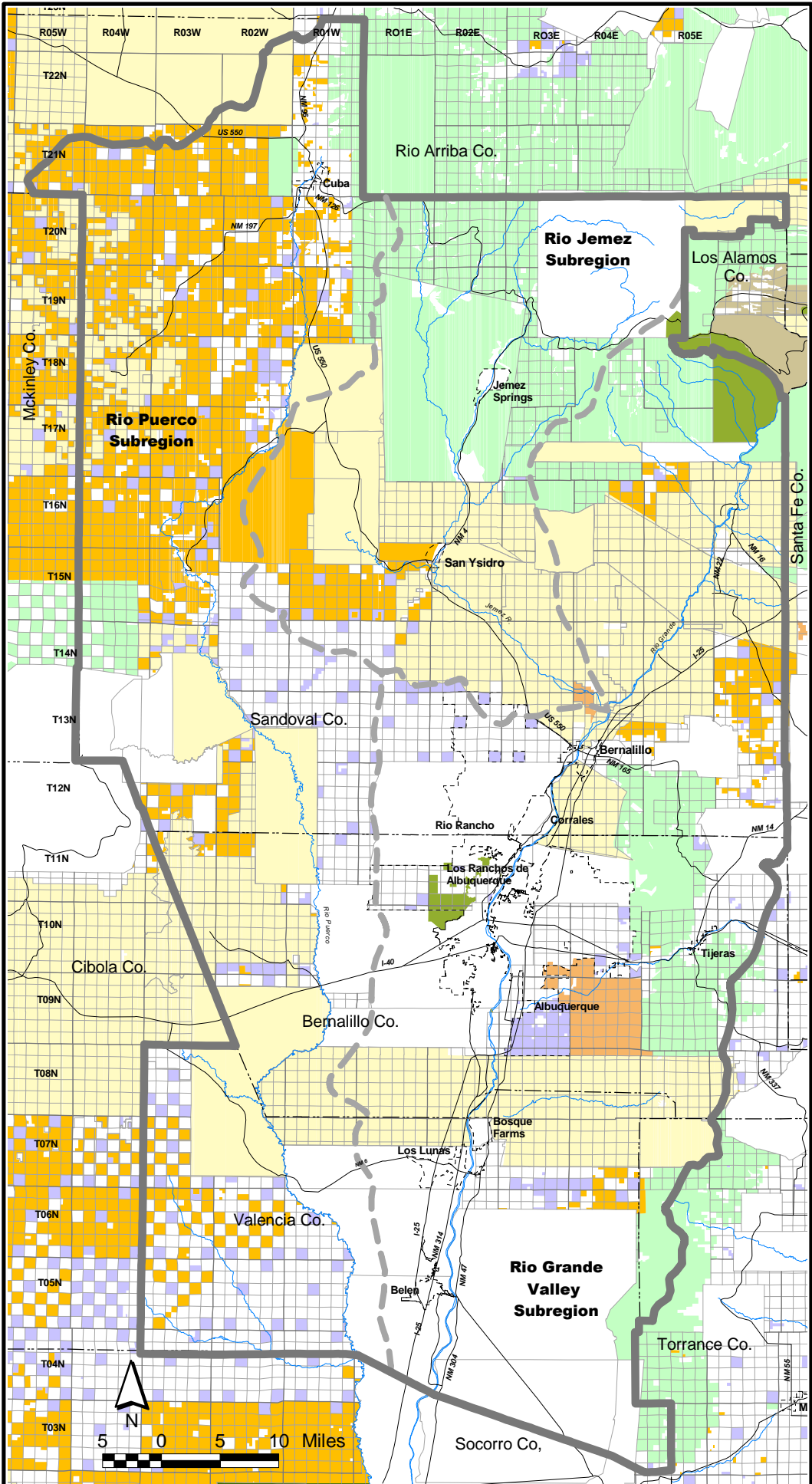
Source: Water Resources Research Institute, NMSU.



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Middle Rio Grande Regional Water Plan

Plate 1 Land Status Map



- Bureau of Land Management
 - Bureau of Reclamation
 - Dept. of Agriculture
 - Dept. of Defense
 - Dept. of Energy
 - US Forest Service
 - US Fish and Wildlife Serv.
 - Indian Lands
 - National Park Service
 - Private
 - State, State Park, State G&F
- Regional Planning Boundary
 - Subregion Planning Boundary
 - Municipal Limits

Sources: NM State Office, Bureau of Land Management, Statewide Surface Ownership/Management digital data updated to March, 2000; City of Albuquerque, Planning Dept. for Petroglyph Nat. Mon.data.

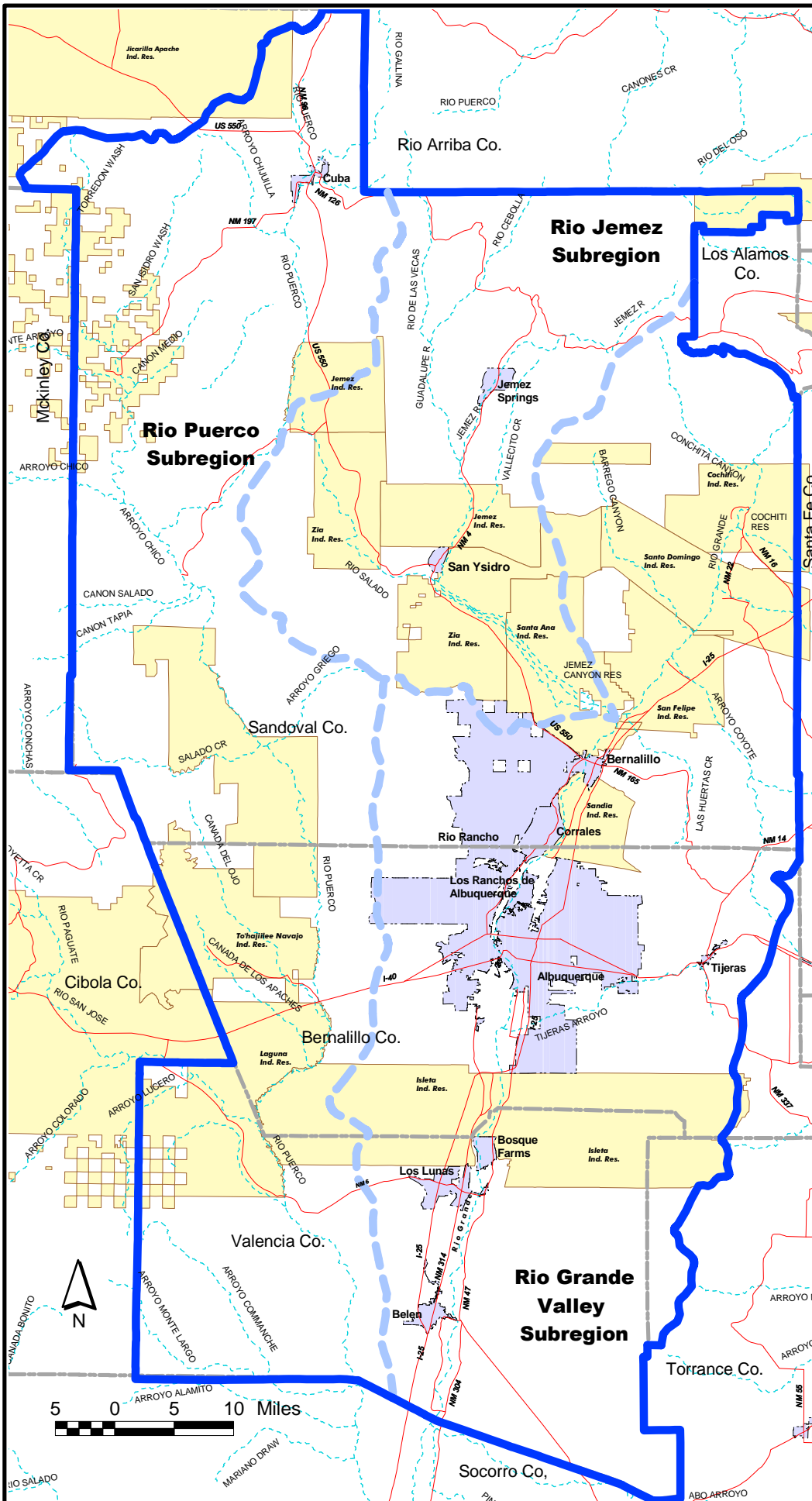
Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

Map compiled by:



Middle Rio Grande Regional Water Plan

Middle Rio Grande Water Planning Region and Subregions



- Regional Planning Boundary
- - - Subregion Planning Boundary
- - - Municipal Limits
- - - Drainage Feature

Source: MRGCOG.

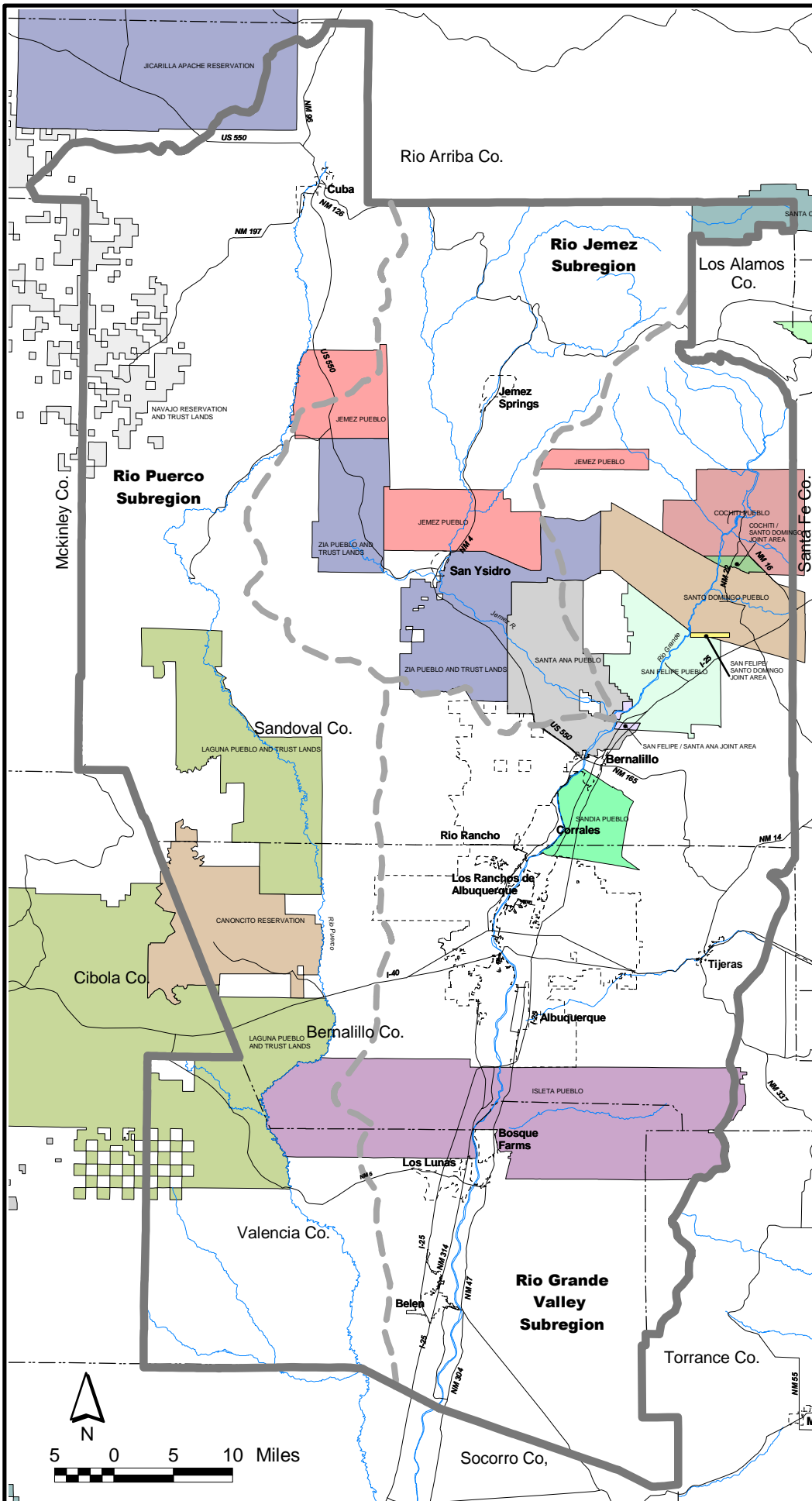
Map Projection:
 Transverse Mercator
 Datum: NAD 83
 Date: 8/17/01

Map compiled by:



Middle Rio Grande Regional Water Plan

Plate 2 Native American Lands in the Planning Region



- ACOMA PUEBLO AND TRUST LANDS
 - CANONCITO RESERVATION
 - COCHITI / SANTO DOMINGO JOINT AREA
 - COCHITI PUEBLO
 - ISLETA PUEBLO
 - JEMEZ PUEBLO
 - JICARILLA APACHE RESERVATION
 - LAGUNA PUEBLO AND TRUST LANDS
 - NAVAJO RESERVATION AND TRUST LANDS
 - SAN FELIPE / SANTA ANA JOINT AREA
 - SAN FELIPE PUEBLO
 - SAN FELIPE/SANTO DOMINGO JOINT AREA
 - SANDIA PUEBLO
 - SANTA ANA PUEBLO
 - SANTA CLARA PUEBLO
 - SANTO DOMINGO PUEBLO
 - ZIA PUEBLO AND TRUST LANDS
-
- Regional Planning Boundary
 - Subregion Planning Boundary
 - Municipal Limits

Source: All Indian Pueblo Council, Pueblo Office of Environmental Protection, digital data acquired 12/99.

Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

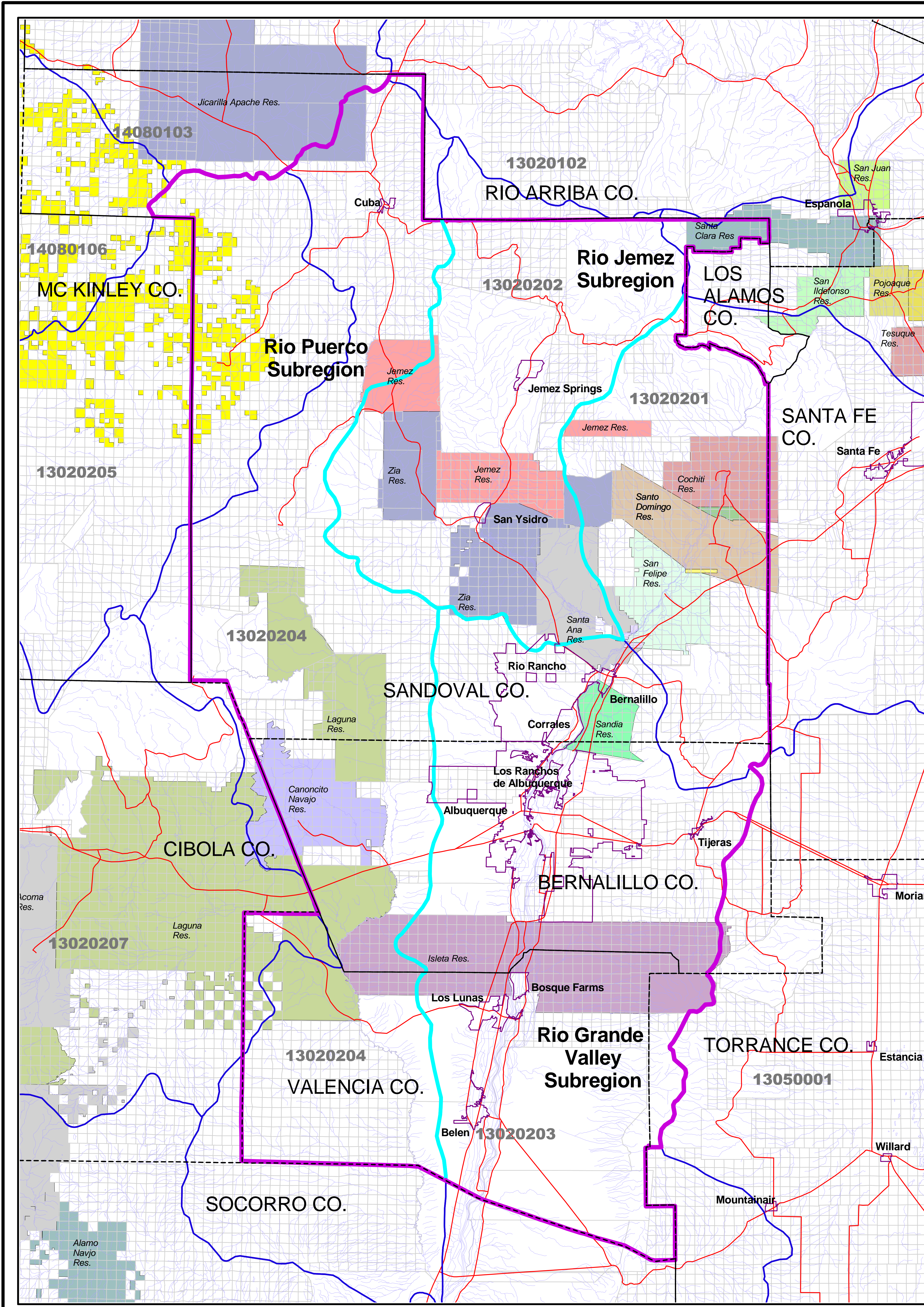
Map compiled by:



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Middle Rio Grande Water Planning Region

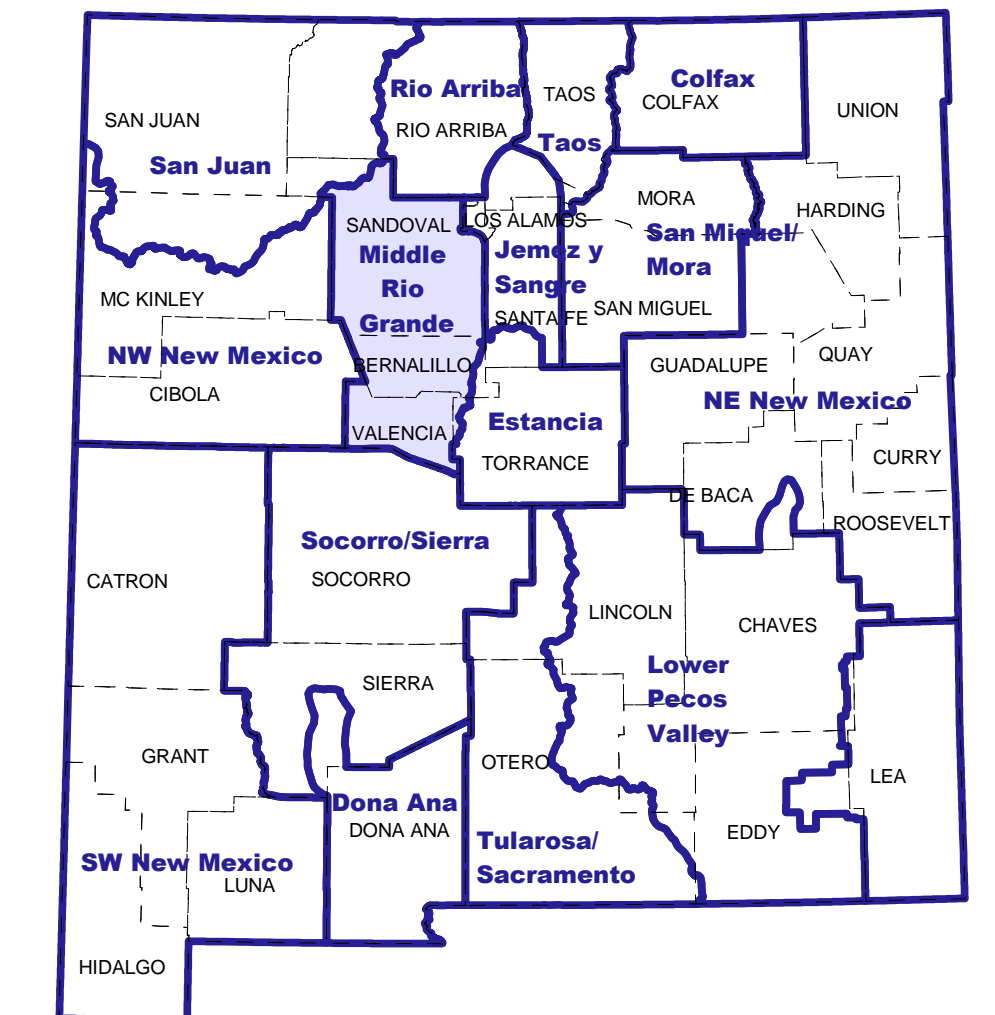


Hydrologic and Planning Boundaries

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- Hydrologic Unit with Cataloging Unit Number

Indian Lands by Tribe

- ACOMA PUEBLO AND TRUST LANDS
- ALAMO NAVAJO RESERVATION
- CANONCITO RESERVATION
- COCHITI / SANTO DOMINGO JOINT AREA
- COCHITI PUEBLO
- ISLETA PUEBLO
- JEMEZ PUEBLO
- JICARILLA APACHE RESERVATION
- LAGUNA PUEBLO AND TRUST LANDS
- NAMBE PUEBLO AND TRUST LANDS
- NAVAJO RESERVATION AND TRUST LANDS
- PICURIS PUEBLO
- POJOAQUE PUEBLO
- SAN FELIPE / SANTA ANA JOINT AREA
- SAN FELIPE PUEBLO
- SAN FELIPE/SANTO DOMINGO JOINT AREA
- SAN ILDEFONSO PUEBLO
- SAN JUAN PUEBLO
- SANDIA PUEBLO
- SANTA ANA PUEBLO
- SANTA CLARA PUEBLO
- SANTO DOMINGO PUEBLO
- TESUIQUE PUEBLO AND TRUST LANDS
- ZIA PUEBLO AND TRUST LANDS
- ZUNI PUEBLO AND TRUST LANDS



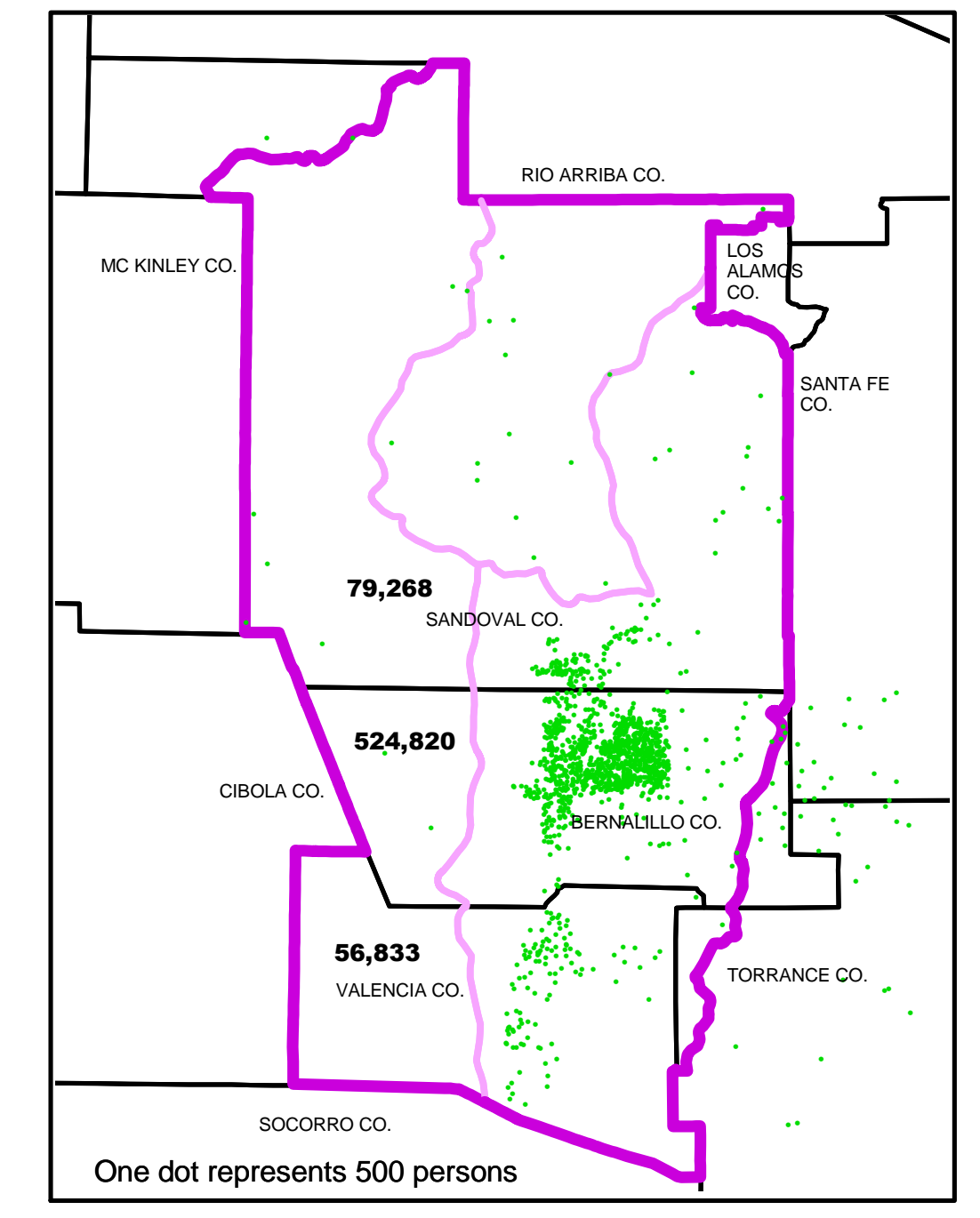
The Middle Rio Grande Water Planning Region and the NM Water Planning Regions

Middle Rio Grande Water Planning Region (MRGWPR) Percent Indian Lands by Tribe

Name	Acres within MRGWPR	% of MRGWPR
Canoncito Reservation	61184.3	1.74
Cochiti / Santo Domingo Joint Area	2653.8	0.08
Cochiti Pueblo	46958.8	1.34
Isleta Pueblo	29907.0	0.89
Jemez Pueblo	89216.4	2.54
Jicarilla Apache Reservation	16571.5	0.47
Laguna Pueblo and Trust Lands	192311.7	5.47
Navajo Reservation and Trust Lands	43712.7	1.24
San Felipe / Santa Ana Joint Area	1612.8	0.05
San Felipe Pueblo	59910.2	1.74
San Felipe / Santo Domingo Joint Area	790.3	0.02
Sandia Pueblo	25252.1	0.72
Santa Ana Pueblo	63630.6	1.81
Santa Clara Pueblo	15463.1	0.44
Santo Domingo Pueblo	64289.6	1.83
Zia Pueblo and Trust Lands	121536.4	3.46
Total Indian Lands Acreage	816755.3	23.22
Total Middle Rio Grande Water Planning Region	3519845.0	

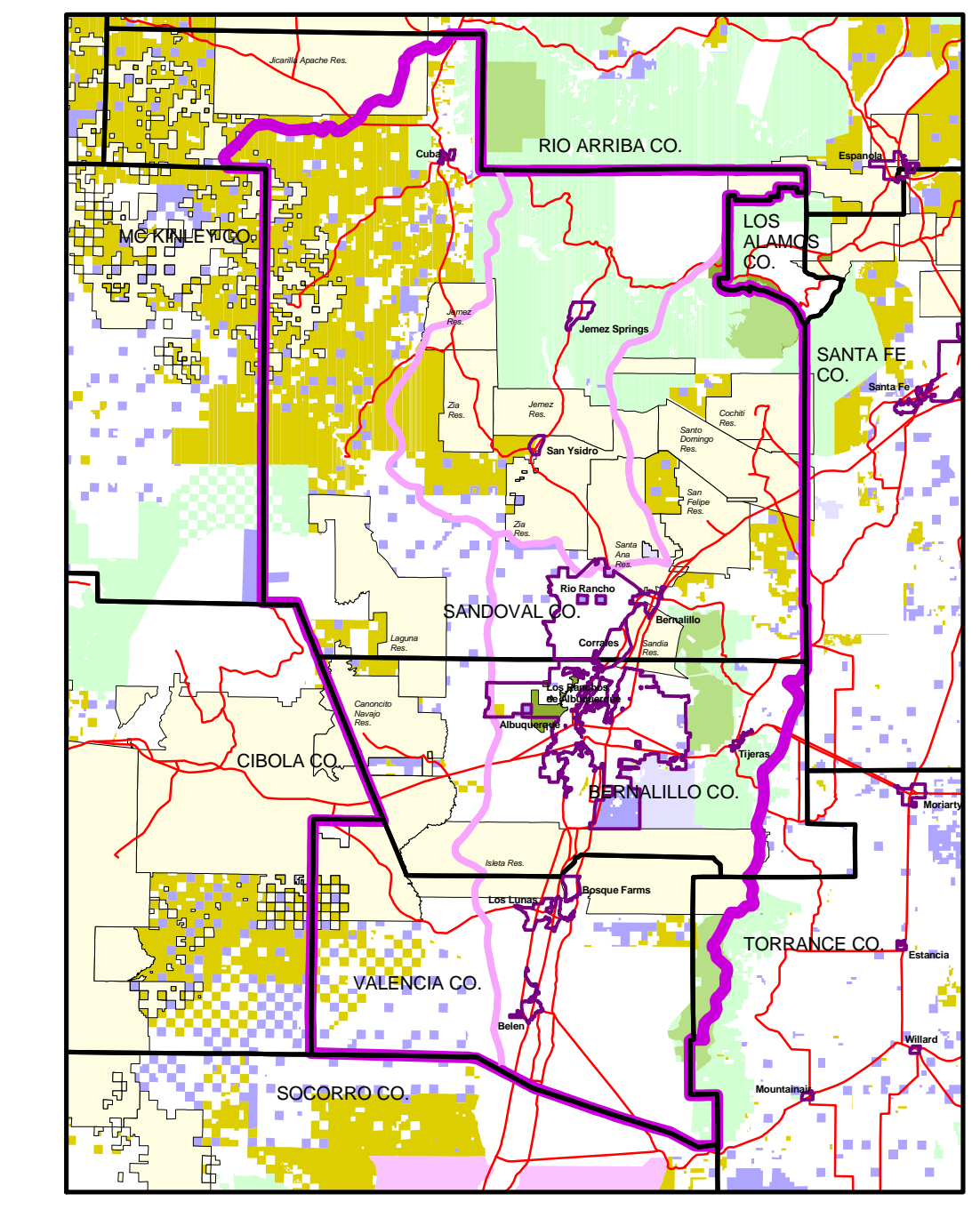
Source for map and chart: Middle Rio Grande Council of Governments using Indian Lands GIS coverage obtained December 1999 from the All Indian Pueblo Council, Pueblo Office of Environmental Protection.

1995 Population Dot Density Map

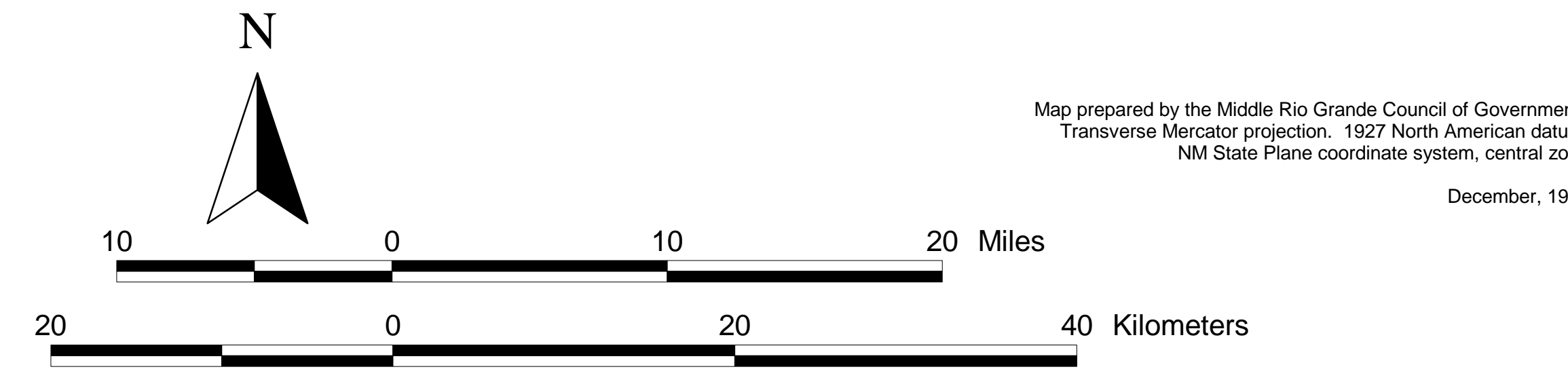


Note: Population distribution shown only for Sandoval, Bernalillo, Valencia and southern Santa Fe Counties. County total population shown for Sandoval, Bernalillo and Valencia Counties.
Source: 1995 Socioeconomic Estimates for Data Analysis Subzones in SPDD 3. MRGCOG, TM-126, March 1996.

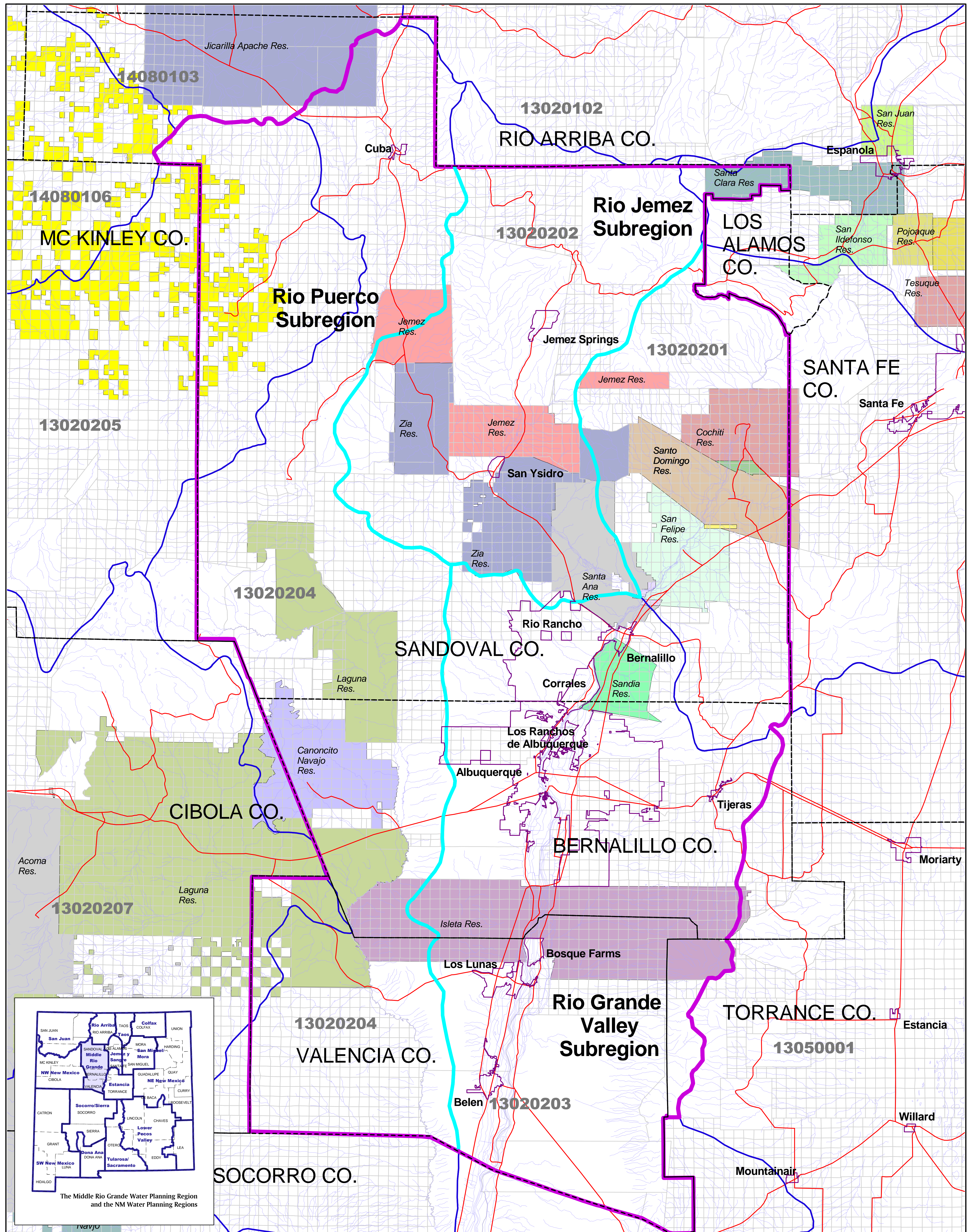
Surface Management Status



Source: Bureau of Land Management, NM State Office, Surface Management Status digital data, updated to 1997. Indian Lands shown are from the All Indian Pueblo Council, Pueblo Office of Environmental Protection digital data, December, 1999.



Map prepared by the Middle Rio Grande Council of Governments. Transverse Mercator projection. 1927 North American datum. NM State Plane coordinate system, central zone.
December, 1999.



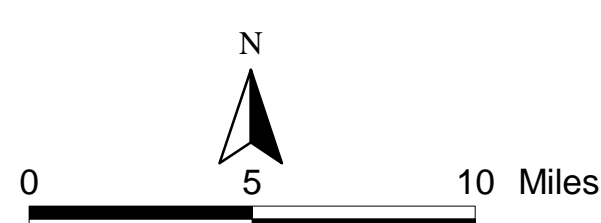
Hydrologic and Planning Boundaries

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- 13020102 Hydrologic Unit with Cataloging Unit Number

Indian Lands by Tribe

- | | |
|---|--|
| <ul style="list-style-type: none"> ACOMA PUEBLO AND TRUST LANDS ALAMO NAVAJO RESERVATION CANONCITO RESERVATION COCHITI / SANTO DOMINGO JOINT AREA COCHITI PUEBLO ISLETA PUEBLO JEMEZ PUEBLO JICARILLA APACHE RESERVATION LAGUNA PUEBLO AND TRUST LANDS NAMBE PUEBLO AND TRUST LANDS NAVAJO RESERVATION AND TRUST LANDS PICURIS PUEBLO POJUAQUE PUEBLO | <ul style="list-style-type: none"> SAN FELIPE / SANTA ANA JOINT AREA SAN FELIPE PUEBLO SAN FELIPE/SANTO DOMINGO JOINT AREA SAN ILDEFONSO PUEBLO SAN JUAN PUEBLO SANDIA PUEBLO SANTA ANA PUEBLO SANTA CLARA PUEBLO SANTO DOMINGO PUEBLO TESUQUE PUEBLO AND TRUST LANDS ZIA PUEBLO AND TRUST LANDS ZUNI PUEBLO AND TRUST LANDS |
|---|--|

Middle Rio Grande Water Planning Region and Subregions

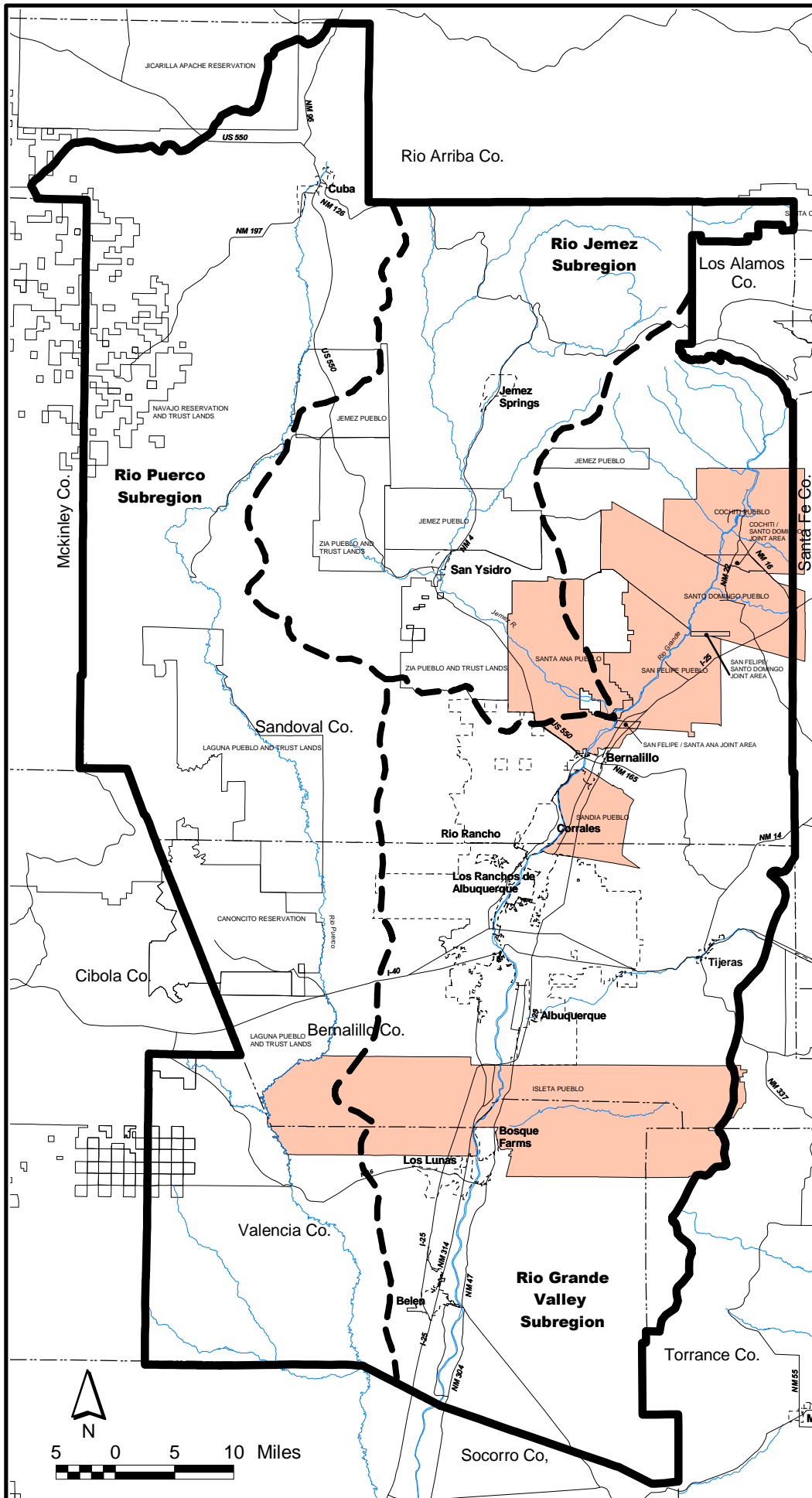


Sources: Mid-Region Council of Governments; All Indian Pueblo Council, Pueblo Office of Environmental Protection, 1999.

Middle Rio Grande Regional Water Plan

Middle Rio Grande Water Planning Region

Showing Indian Lands of the Six Southern Pueblos Coalition

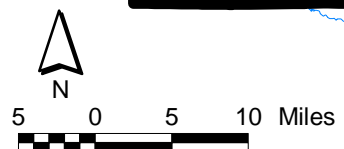


- Six Southern Pueblo Coalition Reservations Lands
- Regional Planning Boundary
- Subregion Planning Boundary
- Municipal Limits

Source: All Indian Pueblo Council, Pueblo Office of Environmental Protection, digital data acquired 12/99.

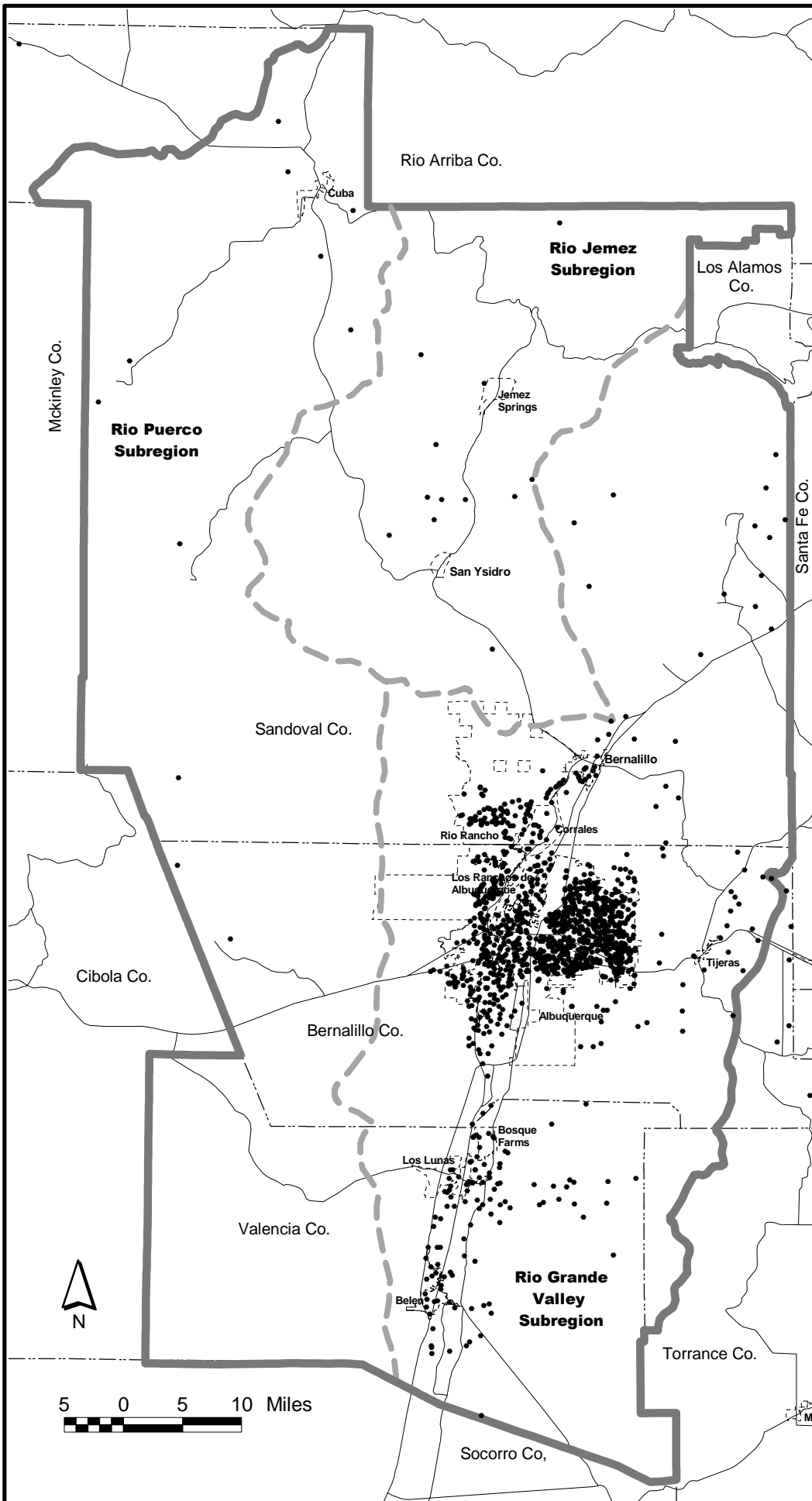
Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 4/23/02

Map compiled by:



Middle Rio Grande Regional Water Plan

Plate 4 1995 Population Dot Density Map



Legend:

One Dot = 500 Persons

Population data for Sandoval, Bernalillo and Valencia Counties

- Regional Planning Boundary
- Subregion Planning Boundary
- Municipal Limits

Source: 1995 Socioeconomic Estimates for Data Analysis Subzones in State Planning and Development District 3, TM-126, MRGCOG, 1996.

Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

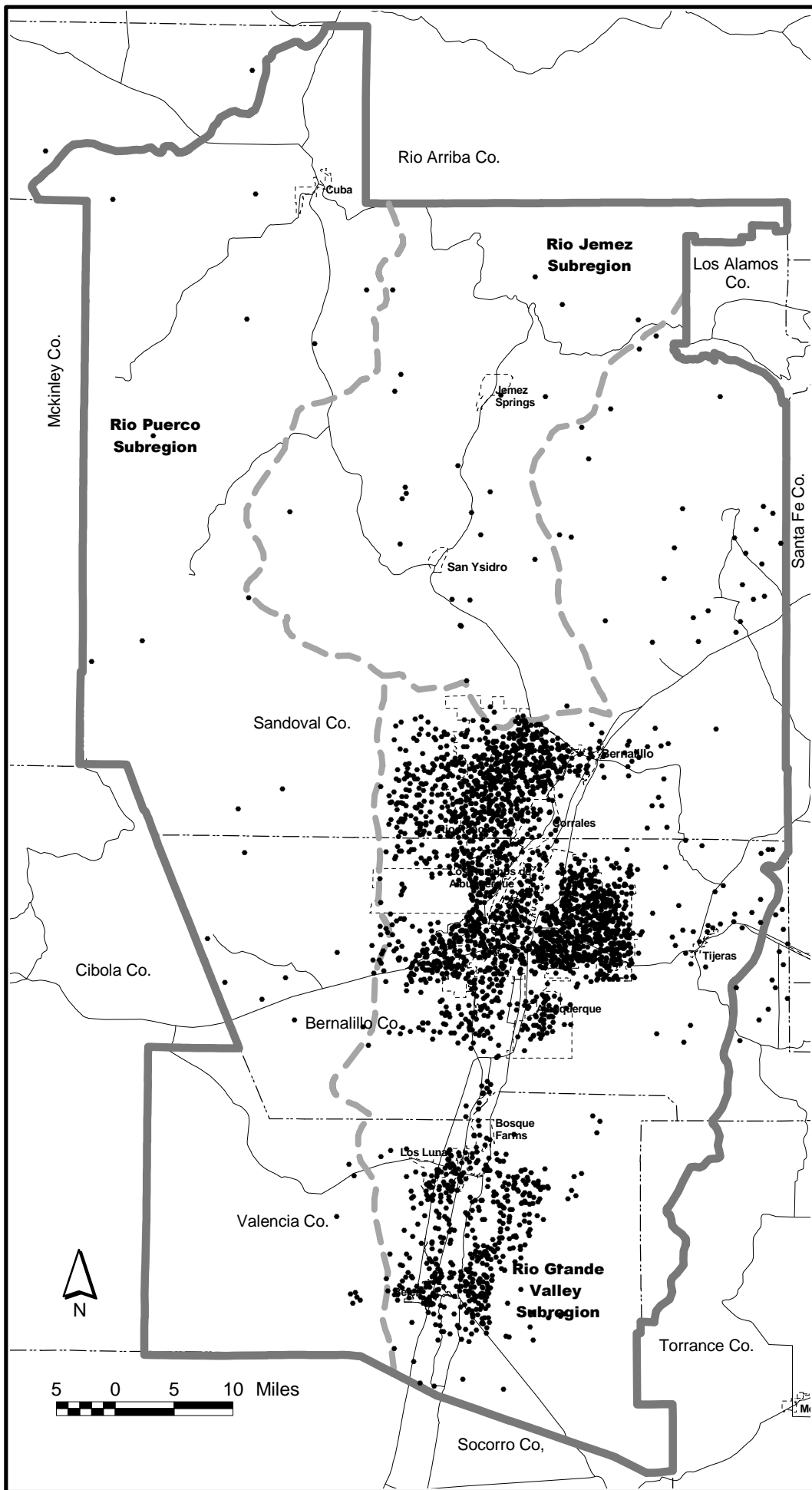
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Middle Rio Grande Regional Water Plan

Plate 5 2050 Forecast Population Dot Density Map



Legend:

One Dot = 500 Persons

Population data for Sandoval, Bernalillo and Valencia Counties

- Regional Planning Boundary
- Subregion Planning Boundary
- Municipal Limits

Source: Focus 2050 Trend dataset, MRGCOG, 1999.

Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

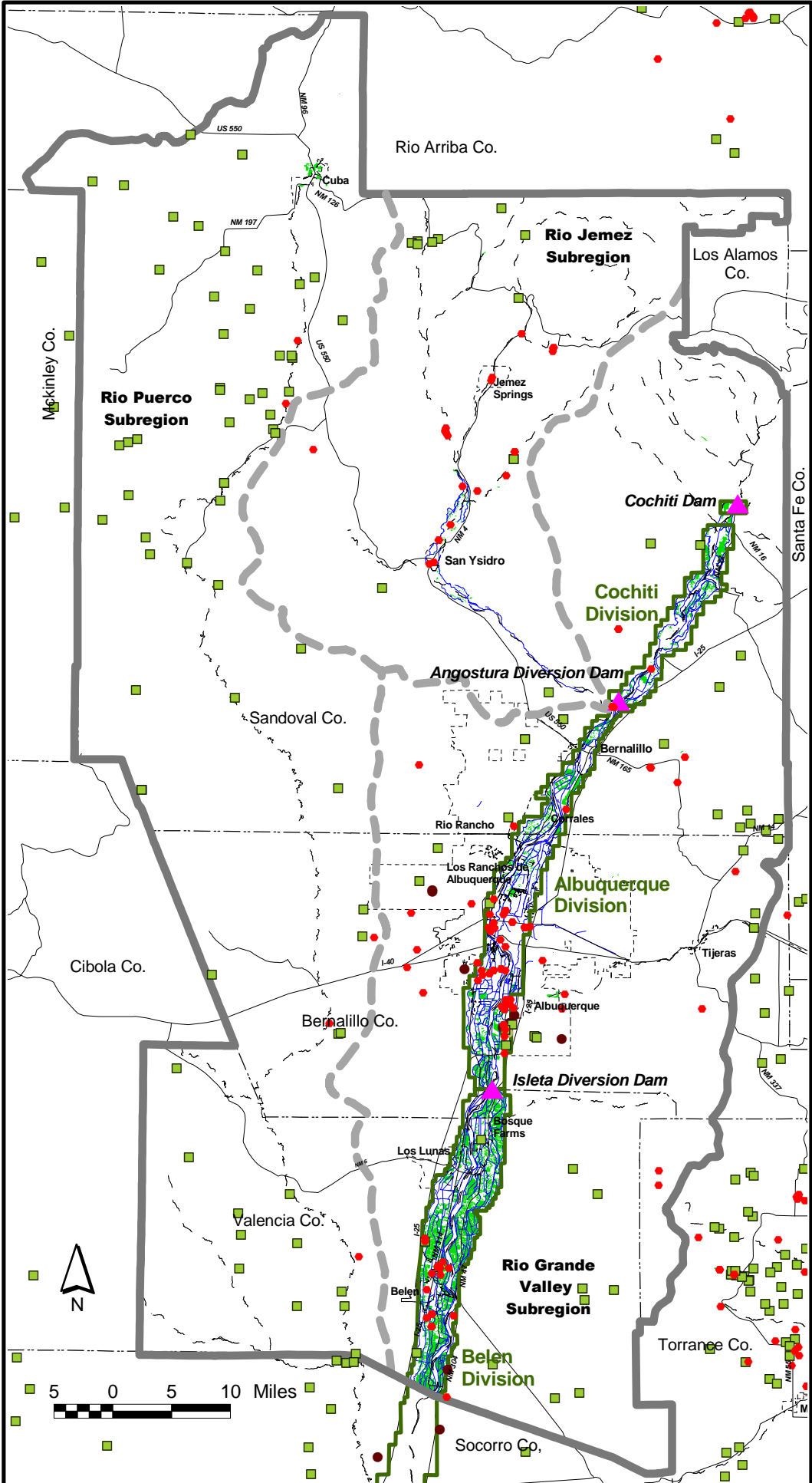
Map compiled by:



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Middle Rio Grande Regional Water Plan

Plate 6 Agricultural Water Uses in the Planning Region

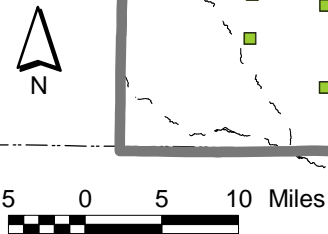


- Irrigated Agricultural Lands
- OSE Wells by Purpose of Use (Agricultural Uses Only)
 - Irrigation
 - Agriculture, Not Irrigated
 - Dairy
 - Feed Pen
 - Poultry/Egg Operation
 - Livestock Watering
- ▲ MRGCD Diversion Dam
- MRGCD Boundary with Division Name
- ~ Ditch or Drain (Shown south of Cochiti Res. and Jemez Pueblo only)
- Regional Planning Boundary
- Subregion Planning Boundary
- Municipal Limits

Sources: MRGCOG 2000 Existing Land Use Inventory; wells extracted from WATERS Database, 5/00, OSE, Hydrology Bureau; Middle Rio Grande Conservancy District; Bureau of Reclamation LUTA 1992 hydrology data.

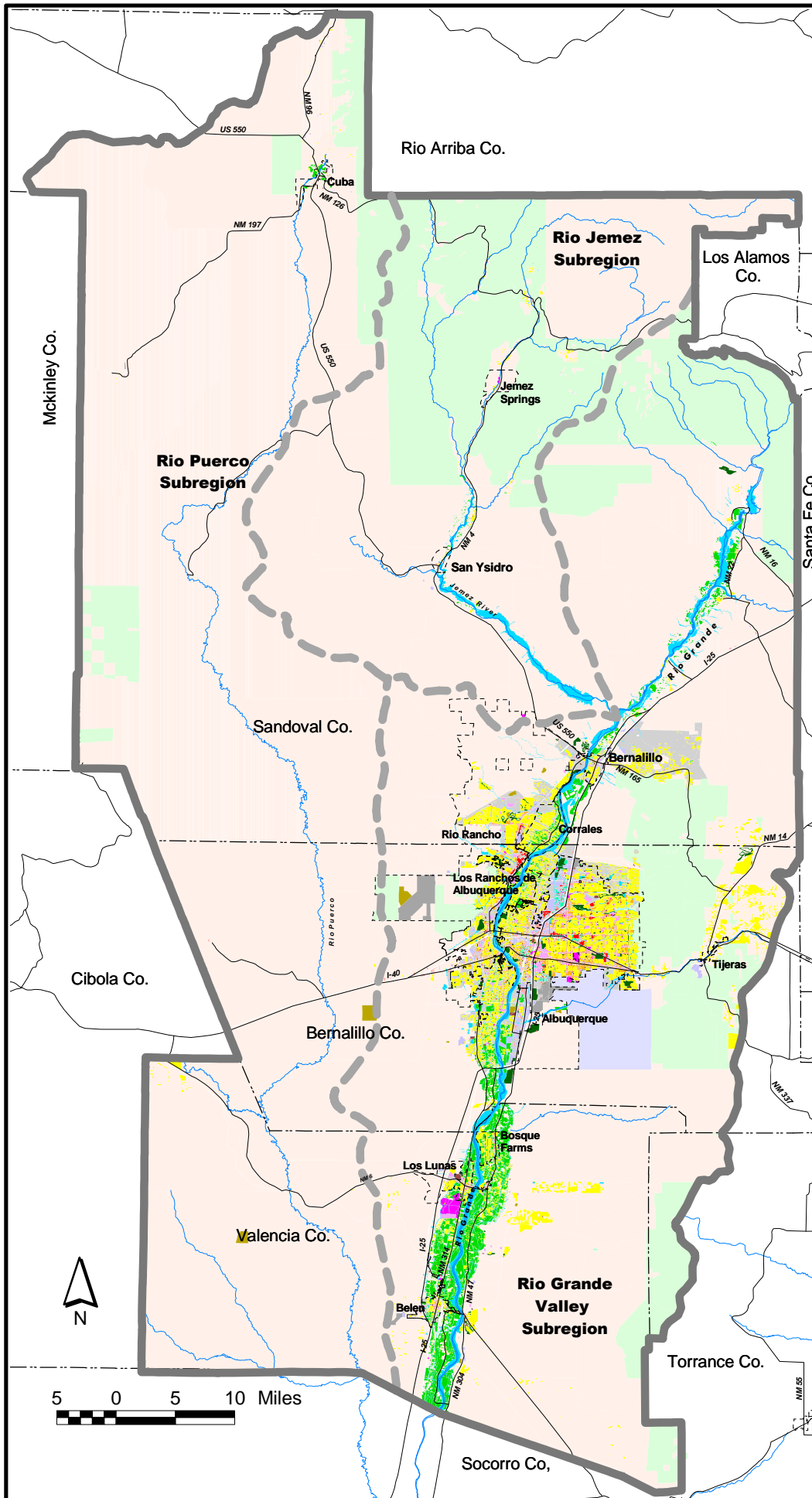
Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

Map compiled by:



Middle Rio Grande Regional Water Plan

Plate 7 Current Land Use



- Residential - Single Family
- Major Retail Commercial
- Mixed and Minor Commercial
- Office
- Industrial / Wholesale
- Institutions
- Schools / Universities
- Airports
- Transportation and Major Utility Corridors
- Agriculture, Irrigated
- Rangeland / Dry Agriculture
- Major Public Open Space, Parks (No water use)
- Natural Drainage / Riparian Systems
- Urban Vacant / Abandoned
- Landfills / Sewage Treatment Plants
- Other Urban Non-residential
- Multi-Family Residential
- KAFB
- Major Public Open Space, Parks (with water use)
- Regional Planning Boundary
- Subregion Planning Boundary
- Municipal Limits

Source: MRGCOG, 2000 Existing Land Use Inventory digital data.

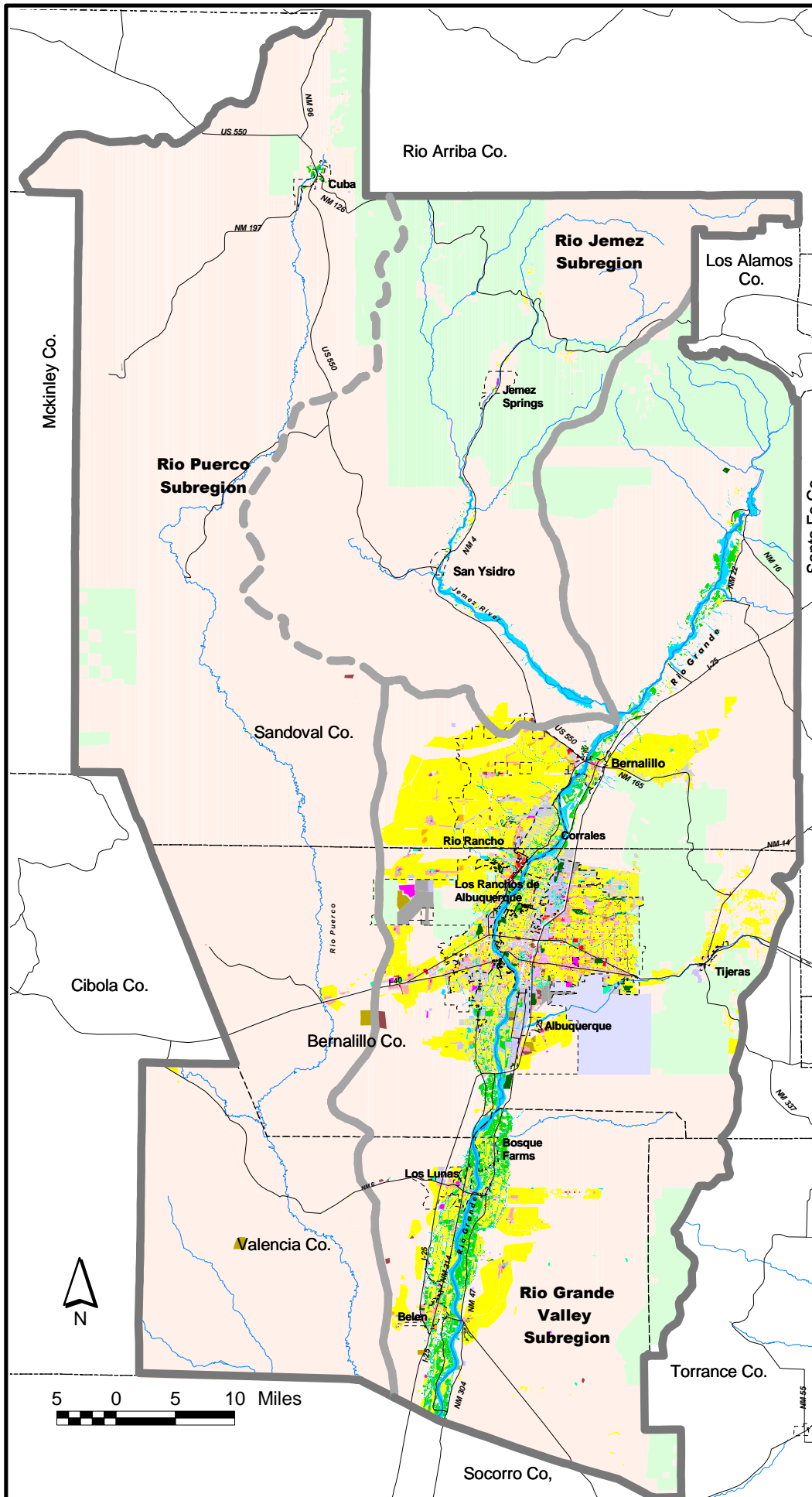
Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

Map compiled by:



Middle Rio Grande Regional Water Plan

Plate 8 Future Land Use 2050 Trend



- Residential - Single Family
 - Major Retail Commercial
 - Mixed and Minor Commercial
 - Office
 - Industrial / Wholesale
 - Institutions
 - Schools / Universities
 - Airports
 - Transportation and Major Utility Corridors
 - Agriculture, Irrigated
 - Rangeland / Dry Agriculture
 - Major Public Open Space, Parks (No water use)
 - Natural Drainage / Riparian Systems
 - Urban Vacant / Abandoned
 - Landfills / Sewage Treatment Plants
 - Other Urban Non-residential
 - Multi-Family Residential
 - KAFB
 - Major Public Open Space, Parks (with water use)
- Regional Planning Boundary
 - Subregion Planning Boundary
 - Municipal Limits

Source: MRGCOG, Land Use Analysis Model (LAM) output for 2050 Trend Scenario, 1999.

Map Projection:
Transverse Mercator
Datum: NAD 27
Date: 5/4/01

Map compiled by:



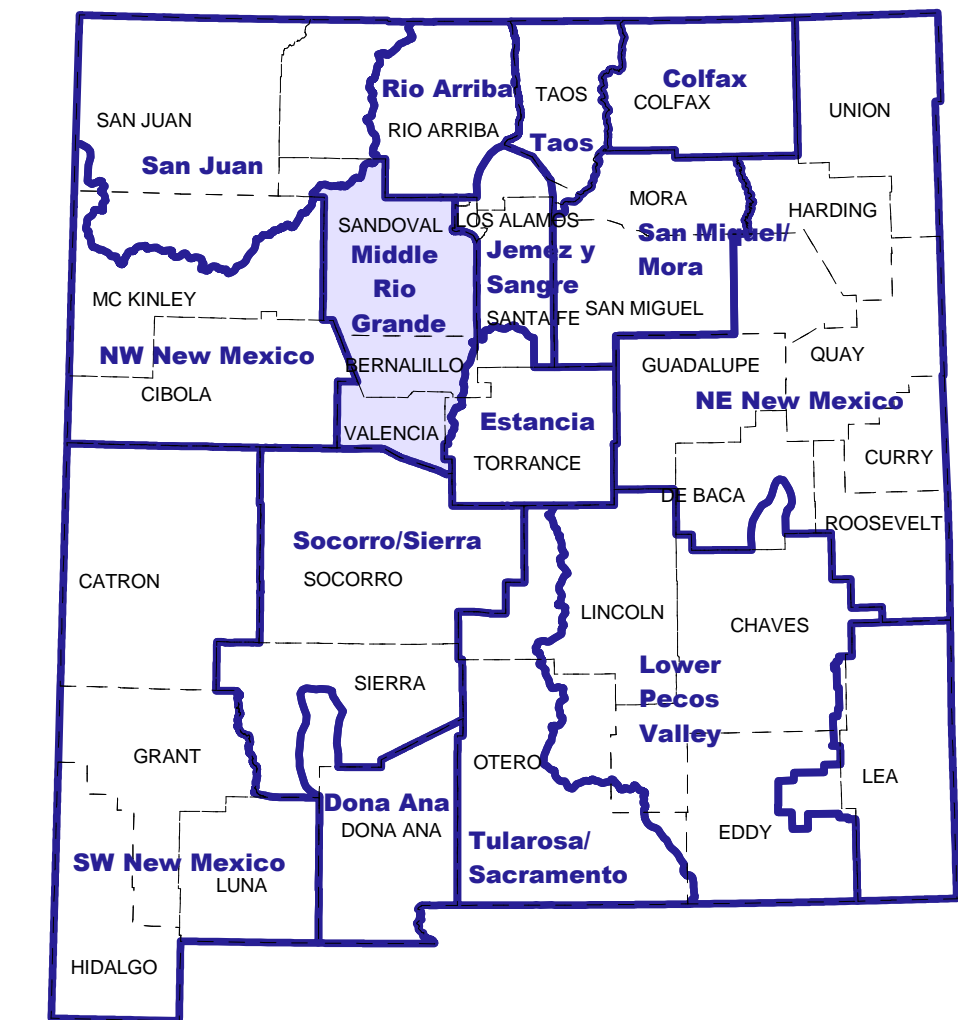
Middle Rio Grande Water Planning Region

Irrigated Agriculture in the Rio Grande Valley and Rio Jemez Subregions

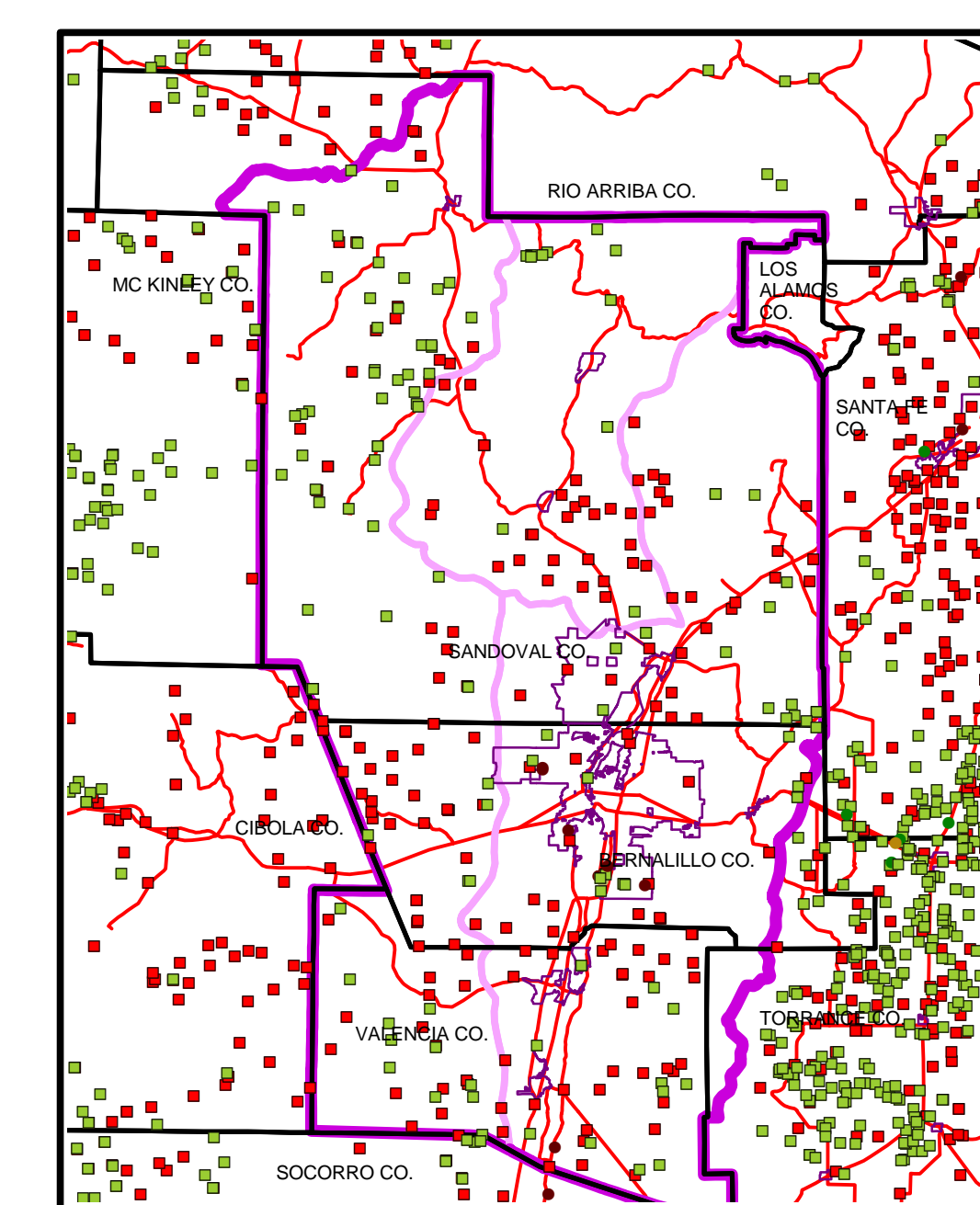
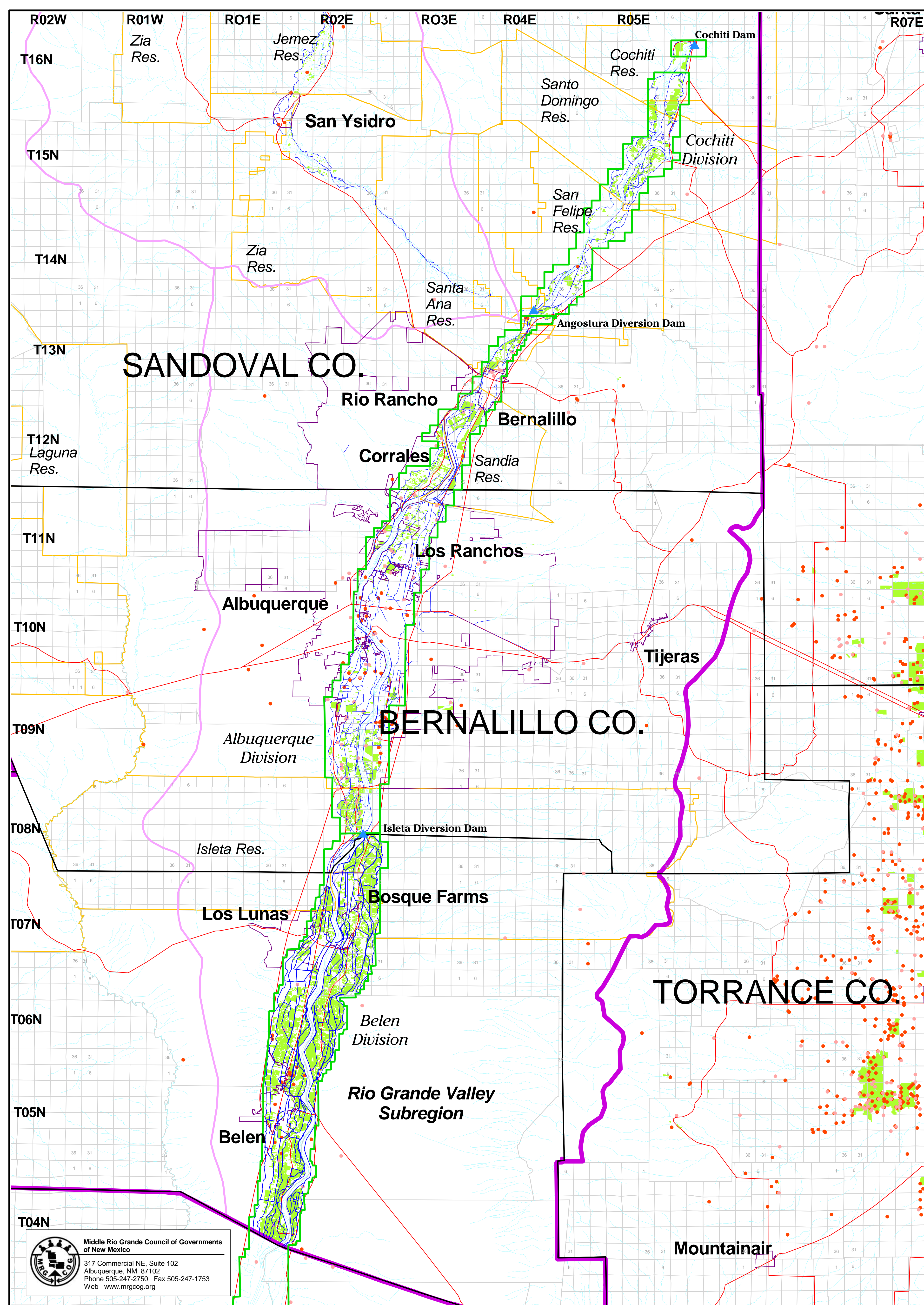
- MRGCD Diversion Dam
- Irrigation Ditches and Drains
- Irrigation Well from GWSI
- Irrigation Well from OSE Well Data
- MRGCD Boundary
- Irrigated Lands (1999)

Sources: NM Office of the State Engineer, Hydrology Bureau, wells extracted from WATERS database (5/00); USGS Ground-Water Site Inventory (1/00); Middle Rio Grande Conservancy District; Bureau of Reclamation Land Use Trend Analysis (1992) hydrology data; MRGCOG 1999 Existing Land Use data.

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- Major Highways
- Indian Lands Boundary
- County Boundary
- Hydrology
- Municipal Limits

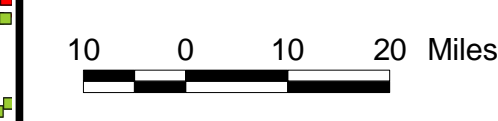


The Middle Rio Grande Water Planning Region and the NM Water Planning Regions



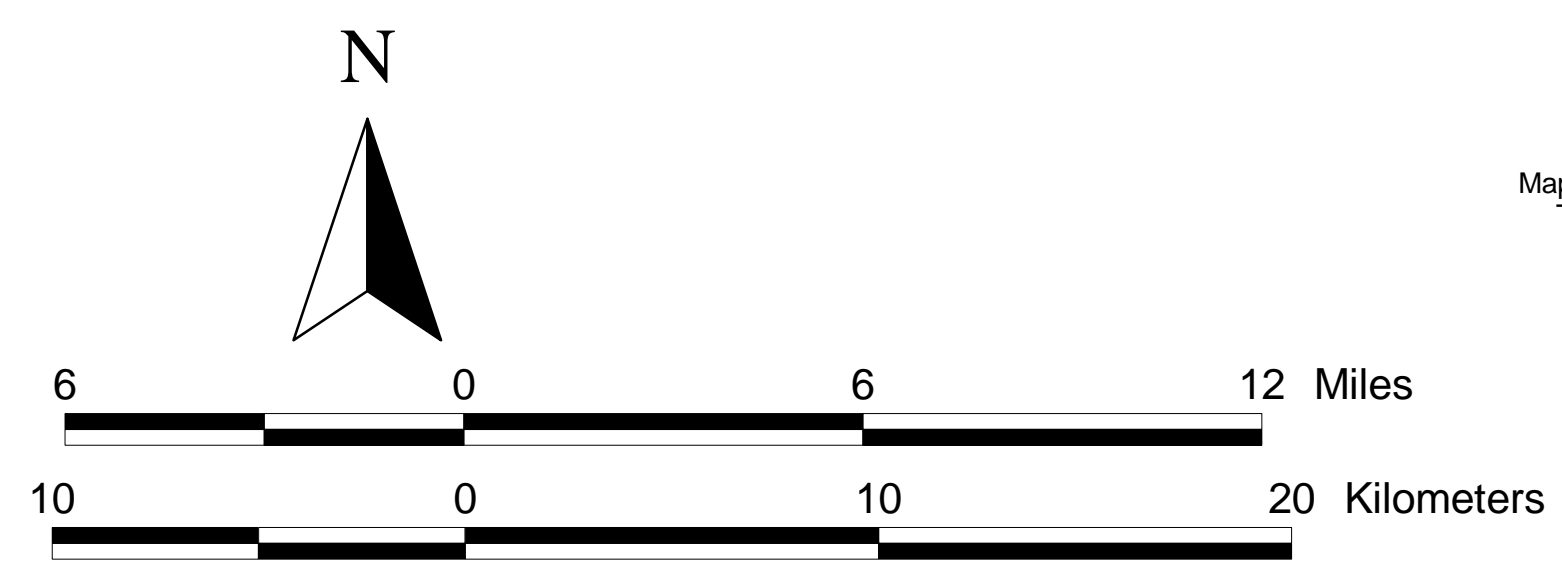
Diversion Points for Agricultural Uses Other Than Irrigated Agriculture

- Other Agricultural Uses from OSE Wells Data
 - AGRICULTURE NOT IRRIGATED
 - DAIRY
 - FEED PEN
 - POULTRY/EGG
 - LIVESTOCK WATERING
- Other Agricultural Uses from USGS GWSI Data
 - LIVESTOCK



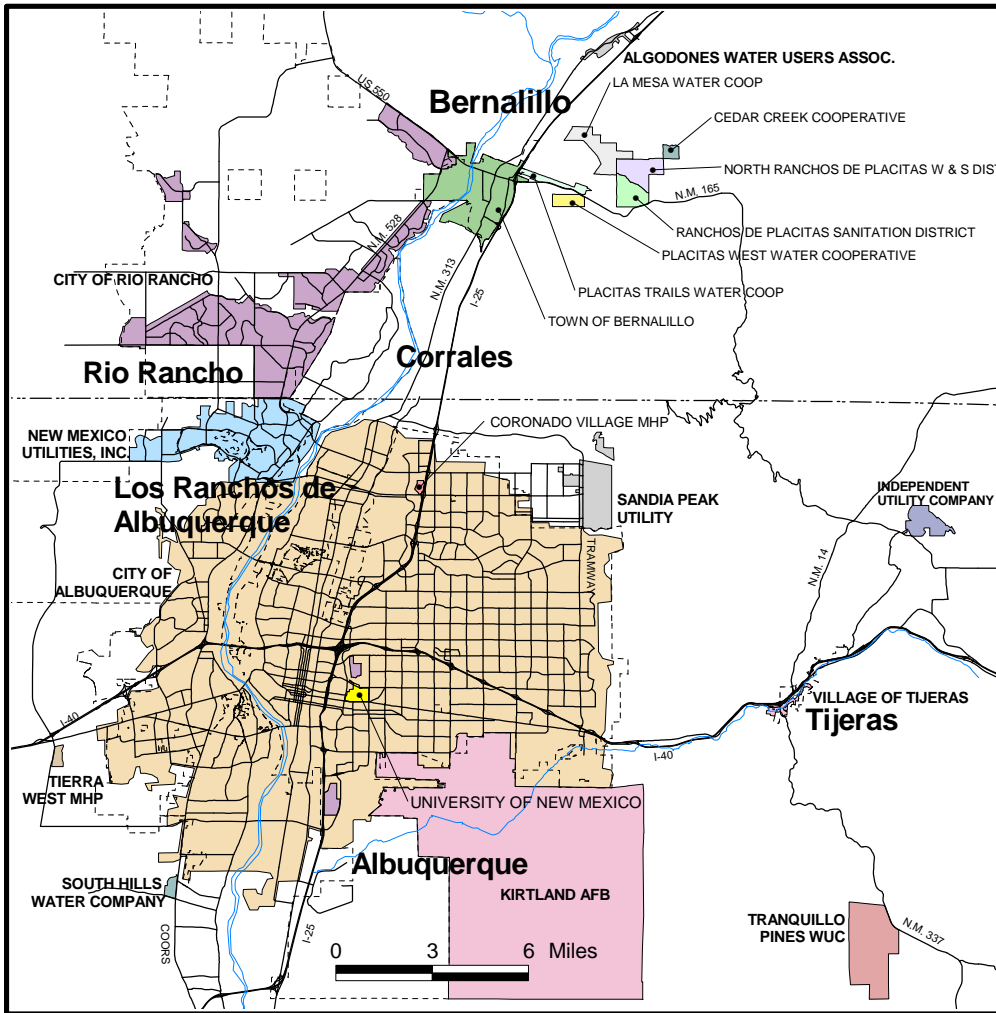
Sources: NM Office of the State Engineer, Hydrology Bureau, wells extracted from WATERS database (5/00); USGS Ground-Water Site Inventory (1/00).

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 Web www.mrgcog.org



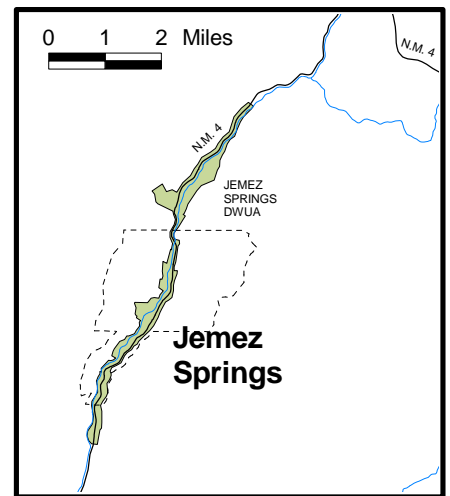
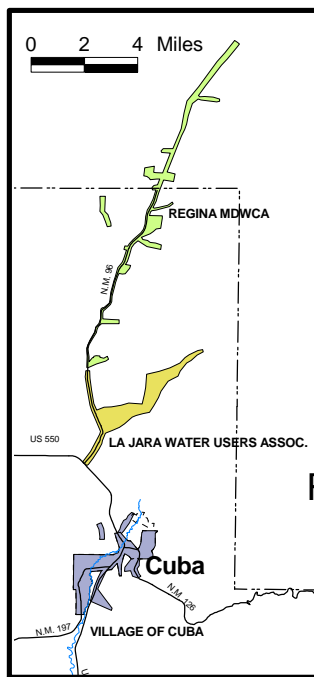
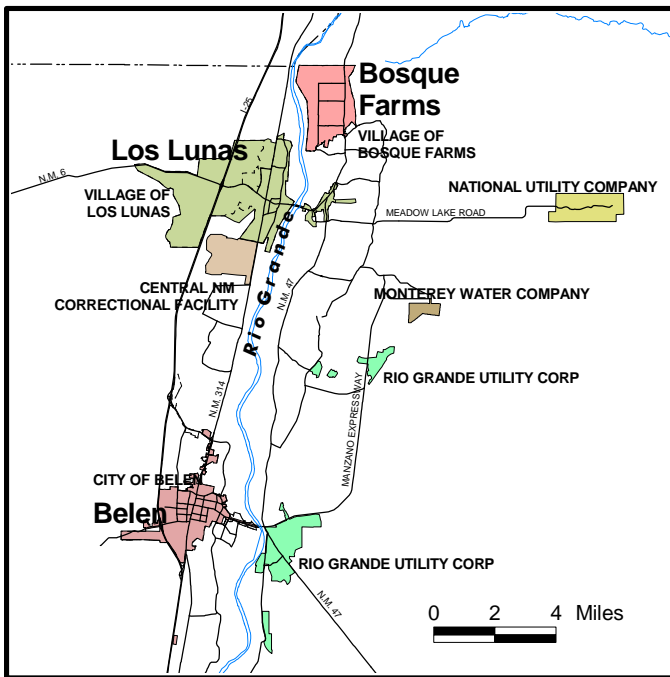
Middle Rio Grande Regional Water Plan

Plate 9 Areas Currently Served by Community Water Systems



Community Water Systems

- ALGODONES WATER USERS ASSOC.
- CEDAR CREEK COOPERATIVE
- CENTRAL NM CORRECTIONAL FACILITY
- CITY OF ALBUQUERQUE
- CITY OF BELEN
- CITY OF RIO RANCHO
- CORONADO VILLAGE MHP
- INDEPENDENT UTILITY COMPANY
- JEMEZ SPRINGS DWUA
- KIRTLAND AFB
- LA JARA WATER USERS ASSOC.
- LA MESA WATER COOP
- MONTEREY WATER COMPANY
- NATIONAL UTILITY COMPANY
- NEW MEXICO UTILITIES, INC.
- NORTH RANCHOS DE PLACITAS W & S DISTRICT
- PLACITAS TRAILS WATER COOP
- PLACITAS WEST WATER COOPERATIVE
- RANCHOS DE PLACITAS SANITATION DISTRICT
- REGINA MDWCA
- RIO GRANDE UTILITY CORP
- SANDIA PEAK UTILITY
- SOUTH HILLS WATER COMPANY
- TIERRA WEST MHP
- TOWN OF BERNALILLO
- TRANQUILLO PINES WUC
- UNIVERSITY OF NEW MEXICO
- VILLAGE OF BOSQUE FARMS
- VILLAGE OF CUBA
- VILLAGE OF LOS LUNAS
- VILLAGE OF TIJERAS



Sources: MRGCOG; City of Albuquerque.

Data was compiled by MRGCOG from information provided by the water systems. Data is shown for systems serving populations of 500 or more except for tribal systems, municipal systems of any size except for the Village of San Ysidro, and several smaller systems serving fewer than 500 persons in the Placitas area.

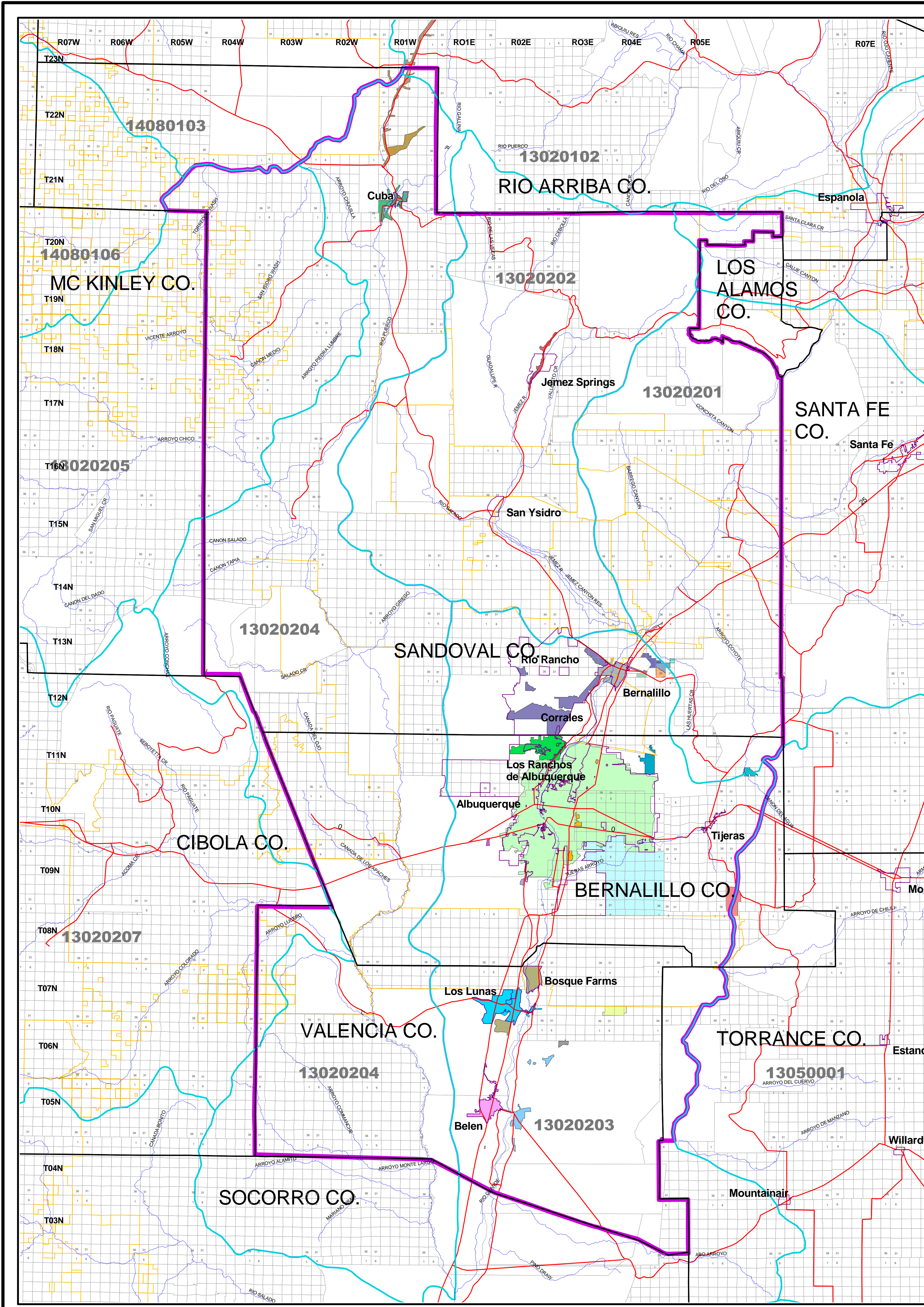
Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

Map compiled by:



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Middle Rio Grande Water Planning Region



Hydrologic and Planning Boundaries

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subarea Boundary
- Hydrologic Unit with Cataloging Unit Number

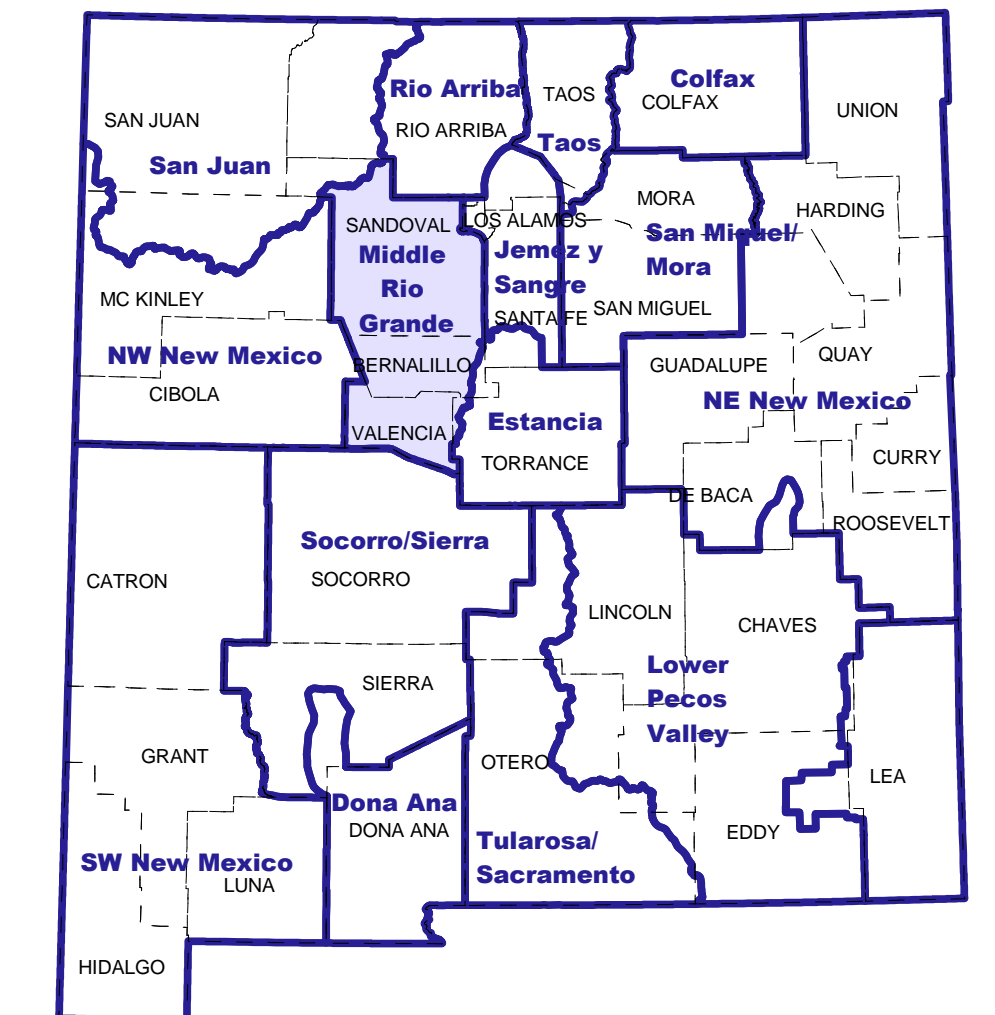
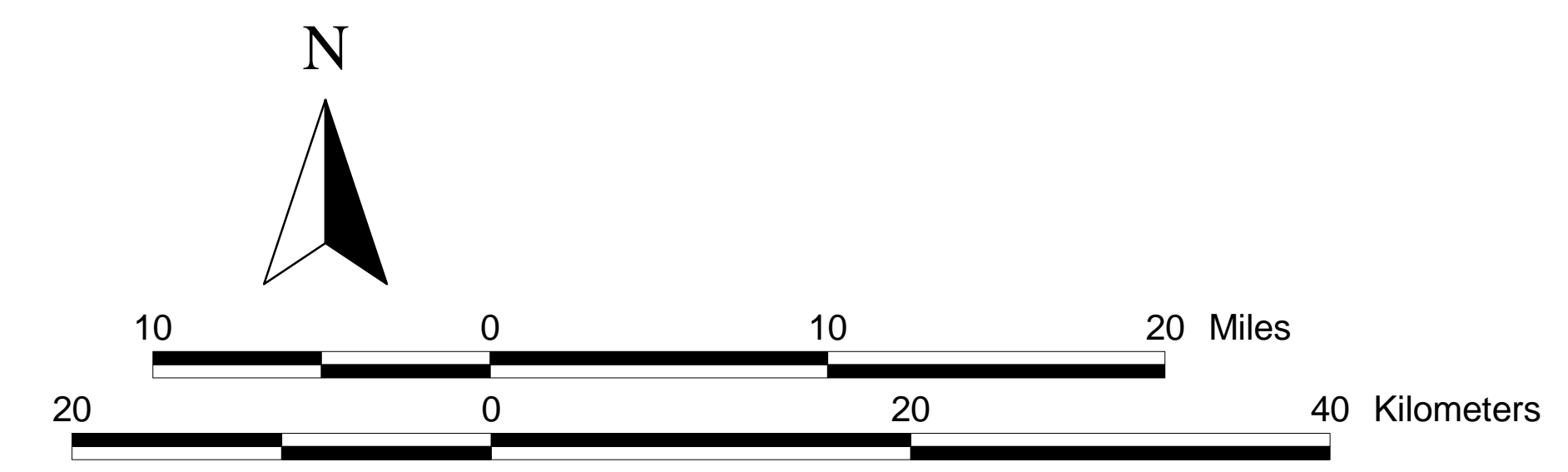
Areas Currently Served by Community Water Systems

Community Water Systems (Including municipal systems and community systems serving populations of 500 or greater, as well as several smaller systems in Placitas)

- ALGODONES WATER USERS ASSOC.
- CEDAR CREEK COOPERATIVE
- CENTRAL NM CORRECTIONAL FACILITY
- CITY OF ALBUQUERQUE
- CITY OF BELEN
- CITY OF RIO RANCHO
- CORONADO VILLAGE MHP
- INDEPENDENT UTILITY COMPANY
- JEMEZ SPRINGS DWUA
- KIRTLAND AFB
- LA JARA WATER USERS ASSOC.
- LA MESA WATER COOP
- MONTEREY WATER COMPANY
- NATIONAL UTILITY COMPANY
- NEW MEXICO UTILITIES, INC.
- NORTH RANCHOS DE PLACITAS W & S DISTRICT
- PLACITAS TRAILS WATER COOP
- PLACITAS WEST WATER COOPERATIVE
- RANCHOS DE PLACITAS SANITATION DISTRICT
- REGINA MDWCA
- RIO GRANDE UTILITY CORP
- SANDIA PEAK UTILITY
- SOUTH HILLS WATER COMPANY
- TIERRA WEST MHP
- TOWN OF BERNALILLO
- TRANQUILLO PINES WUC
- UNIVERSITY OF NEW MEXICO
- VILLAGE OF BOSQUE FARMS
- VILLAGE OF CUBA
- VILLAGE OF LOS LUNAS
- VILLAGE OF TIJERAS

Sources: Water service areas compiled by the MRGCOG from information obtained from the water systems and reflect conditions current to late 2000.

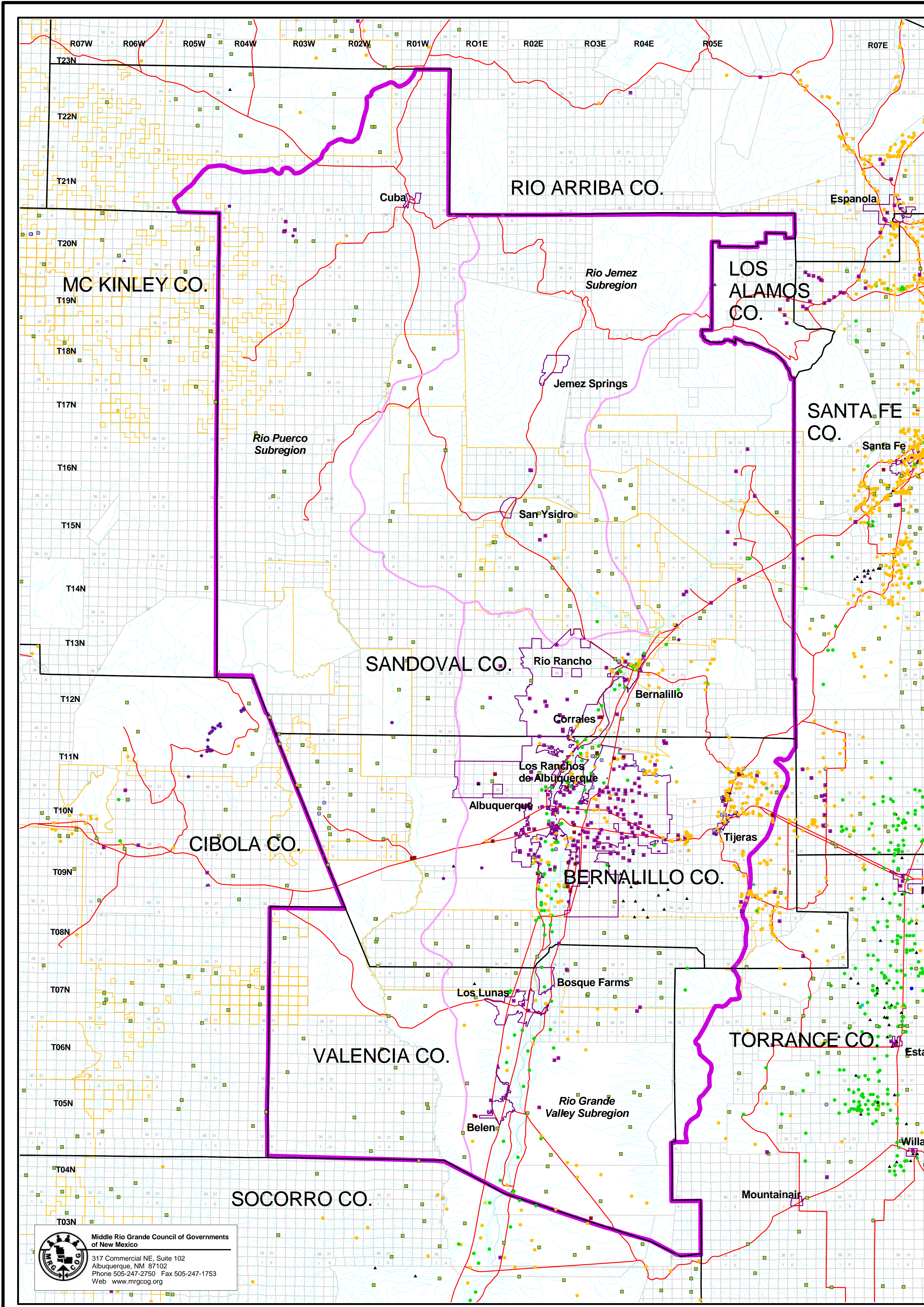
Note: Data shown on the map is preliminary. Data is under development and subject to revisions and additions.



The Middle Rio Grande Water Planning Region and the NM Water Planning Regions



Middle Rio Grande Water Planning Region



Ground-Water Diversion Points

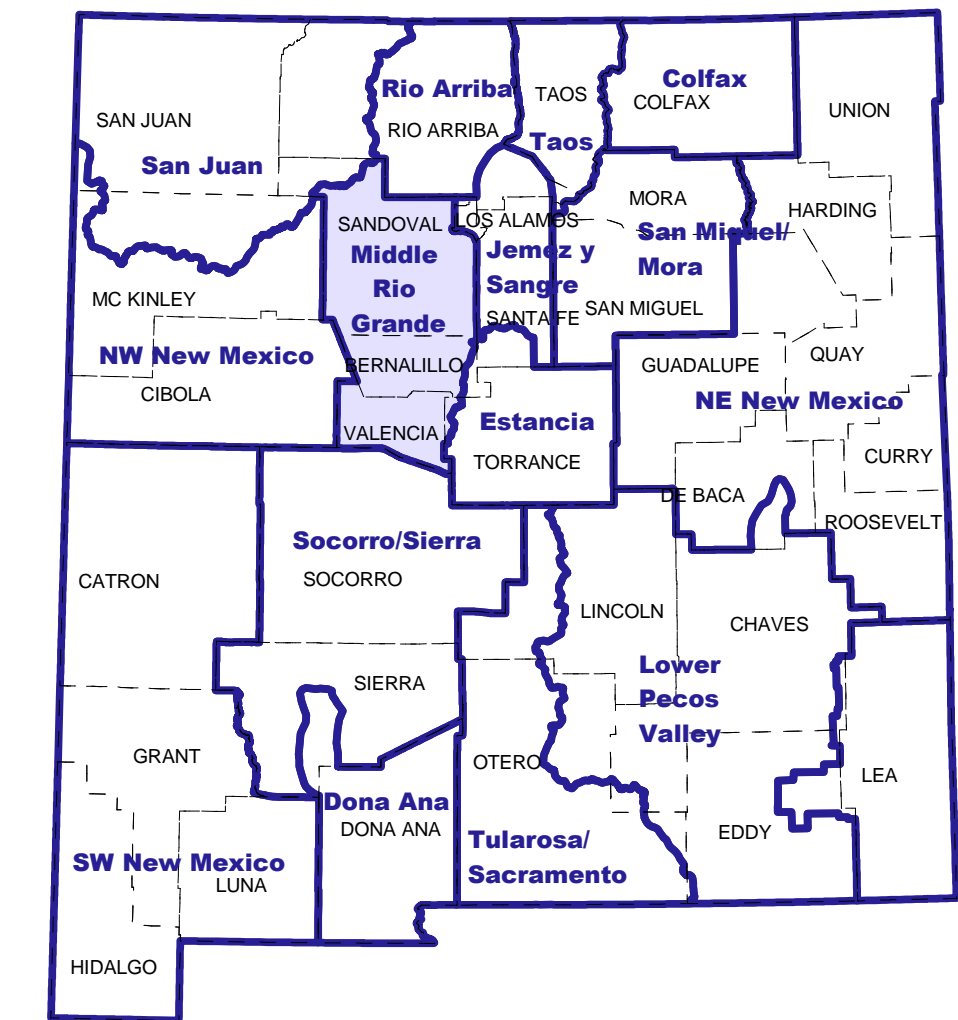
United States Geological Survey (USGS)
Ground-Water Site Inventory (GWSI) (1/00)
Well Data by Use of Water Attribute

- | | |
|------------------------|--------------------|
| ● IRRIGATION | ● BOTTLING |
| ■ STOCK | ● AIR CONDITIONING |
| ● DOMESTIC | ● DEWATER |
| ■ PUBLIC SUPPLY | ▲ FIRE |
| ■ COMMERCIAL | ▲ MEDICINAL |
| ● INDUSTRIAL | ● AQUACULTURE |
| ▲ INDUSTRIAL (COOLING) | ■ DESALINATION |
| ● POWER | ▲ OTHER |
| ● MINING | |
| ▲ RECREATION | |
| ● INSTITUTIONAL | |

Note: Wells with a purpose of use indicated as "unused" were not shown on the map.

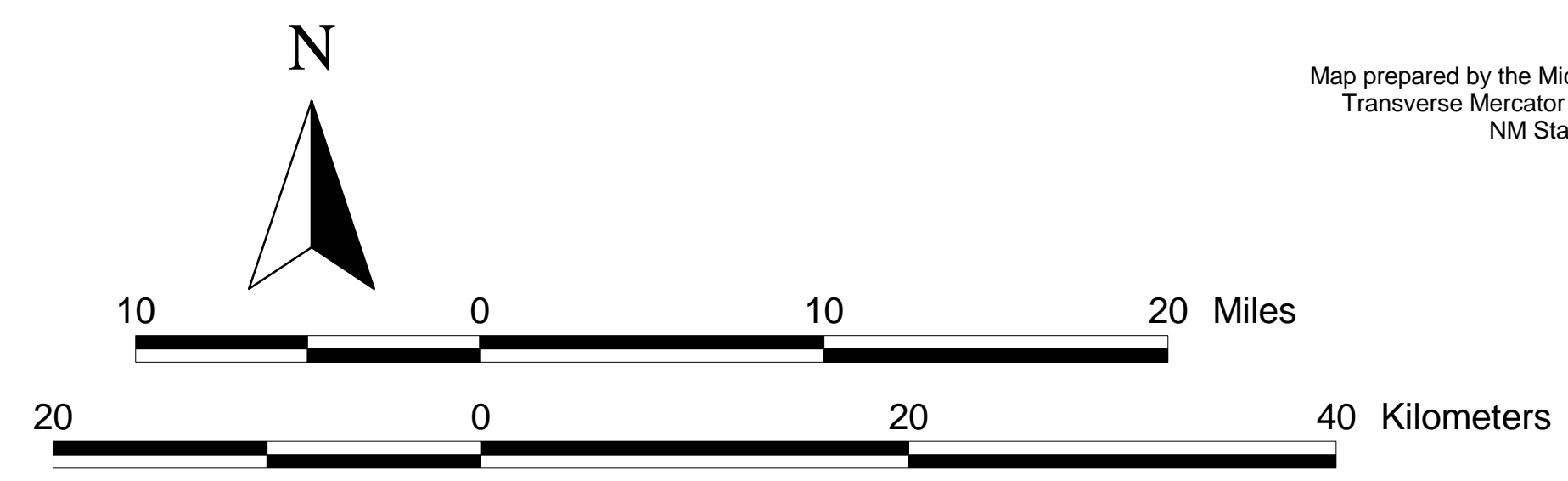
Source: US Geological Survey Ground-Water Site Inventory data of January 2000 obtained from the NM Office of the State Engineer, District I Office.

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- Major Highways
- Indian Lands Boundary
- County Boundary
- Hydrology
- Municipal Limits



The Middle Rio Grande Water Planning Region and the NM Water Planning Regions

Middle Rio Grande Council of Governments
of New Mexico
317 Commercial NE, Suite 102
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Map prepared by the Middle Rio Grande Council of Governments.
Transverse Mercator projection. 1927 North American datum,
NM State Plane coordinate system, central zone.

July, 2000.

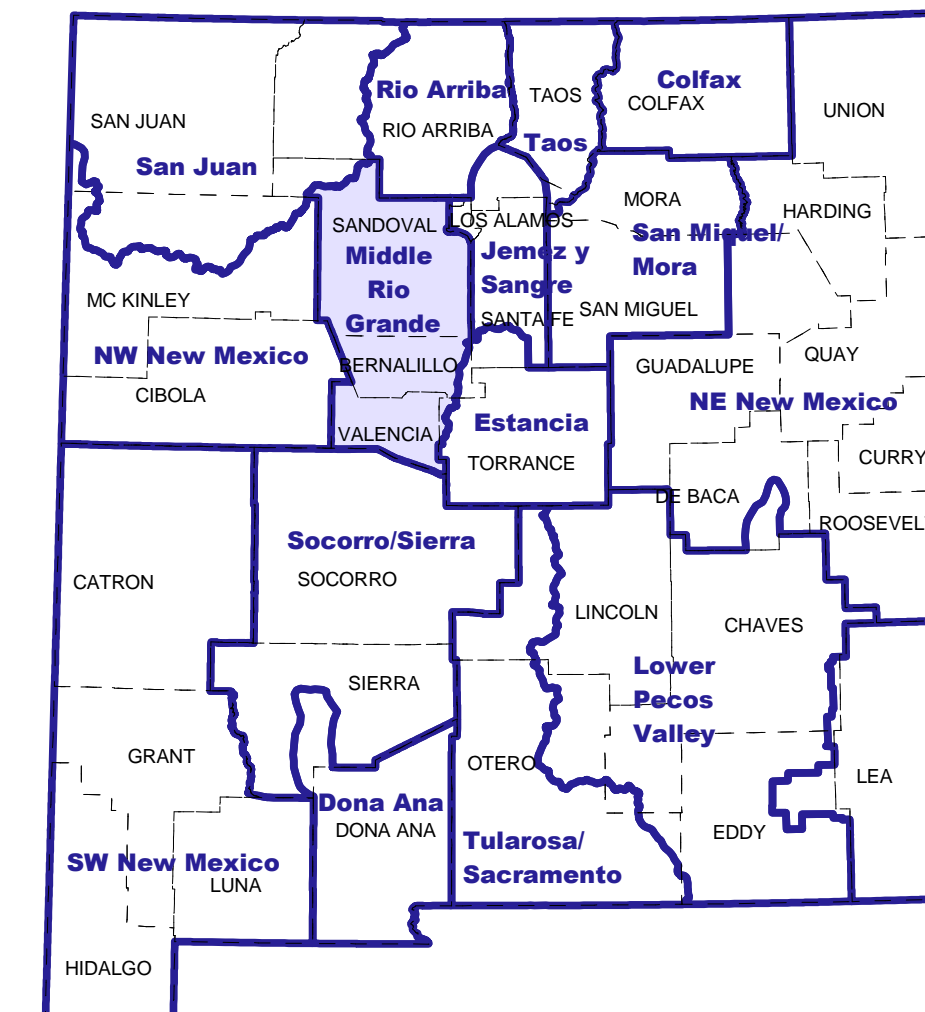
Rio Puerco and Rio Jemez Watersheds

of the Middle Rio Grande Water Planning Region

Hydrologic and Planning Boundaries

-  Middle Rio Grande Regional Water Planning Boundary
-  Middle Rio Grande Water Planning Subregion Boundary
-  Hydrologic Unit with Cataloging Unit Number
-  Indian Lands

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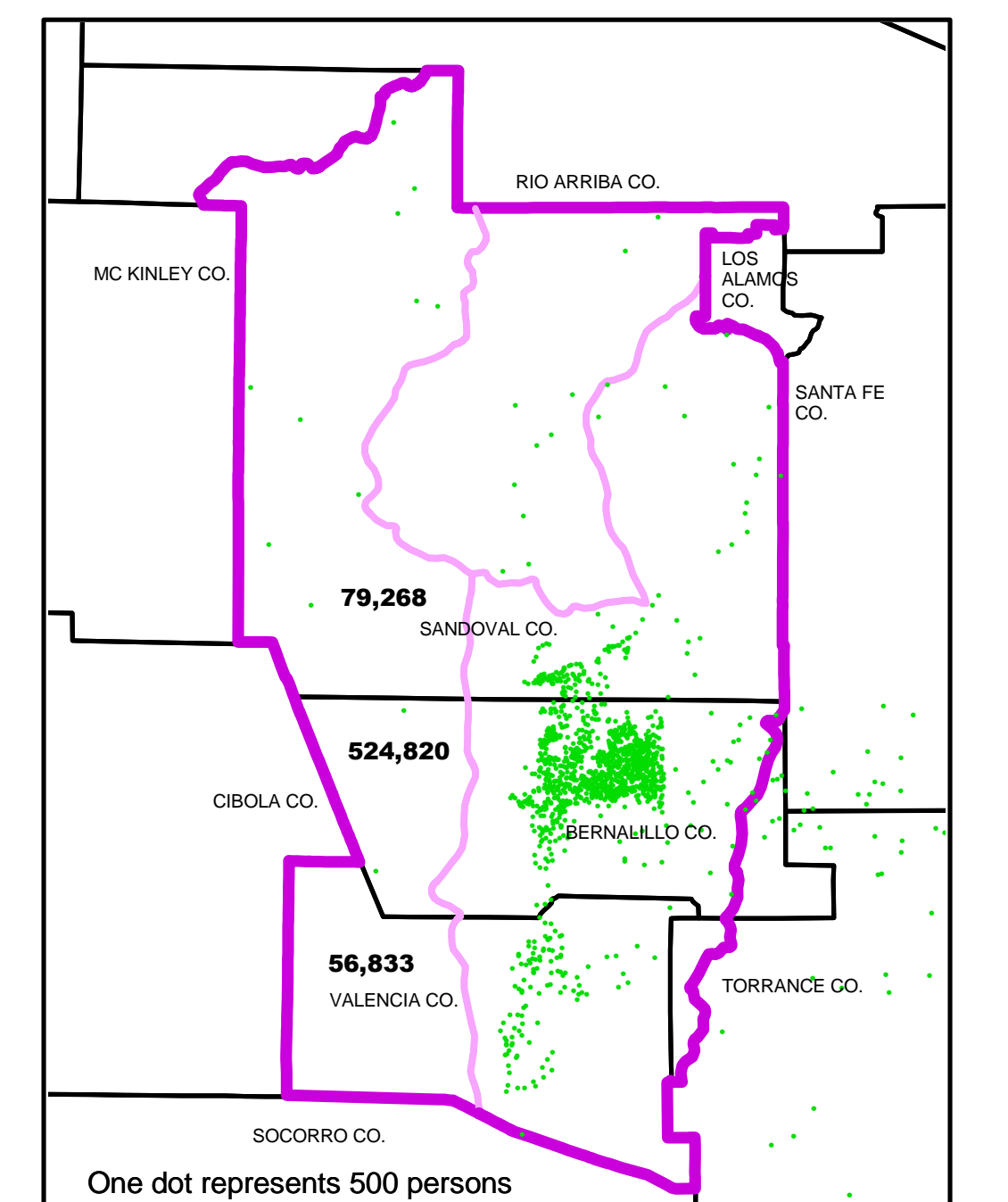


Middle Rio Grande Water Planning Region (MRGWPR) Percent Indian Lands by Tribe

Name	Acres within MRGWPR	% of MRGWPR
Caronco Reservation	61184.3	1.74
Cochiti / Santo Domingo Joint Area	2653.8	0.08
Cochiti Pueblo	46958.8	1.34
Isleta Pueblo	20907.0	0.59
Jemez Pueblo	92076.4	2.54
Jicarilla Apache Reservation	16271.5	0.47
Laguna Pueblo and Trust Lands	19231.7	0.54
Navajo Reservation and Trust Lands	43712.7	1.24
San Felipe / Santa Ana Joint Area	1612.9	0.05
San Felipe Pueblo	59510.2	1.64
San Felipe / Santo Domingo Joint Area	790.3	0.02
Sandia Pueblo and Trust Lands	25252.1	0.72
Santa Ana Pueblo	63530.6	1.81
Santa Clara Pueblo	15463.1	0.44
Santo Domingo Pueblo	64399.5	1.83
Zia Pueblo and Trust Lands	121530.4	3.46
Total Indian Lands Acreage	816755.3	23.22
Total Middle Rio Grande Water Planning Region	3516845.0	

Source for map and chart: Middle Rio Grande Council of Governments using Indian Lands GIS coverage obtained December 1999 from the All Indian Pueblo Council, Pueblo Office of Environmental Protection.

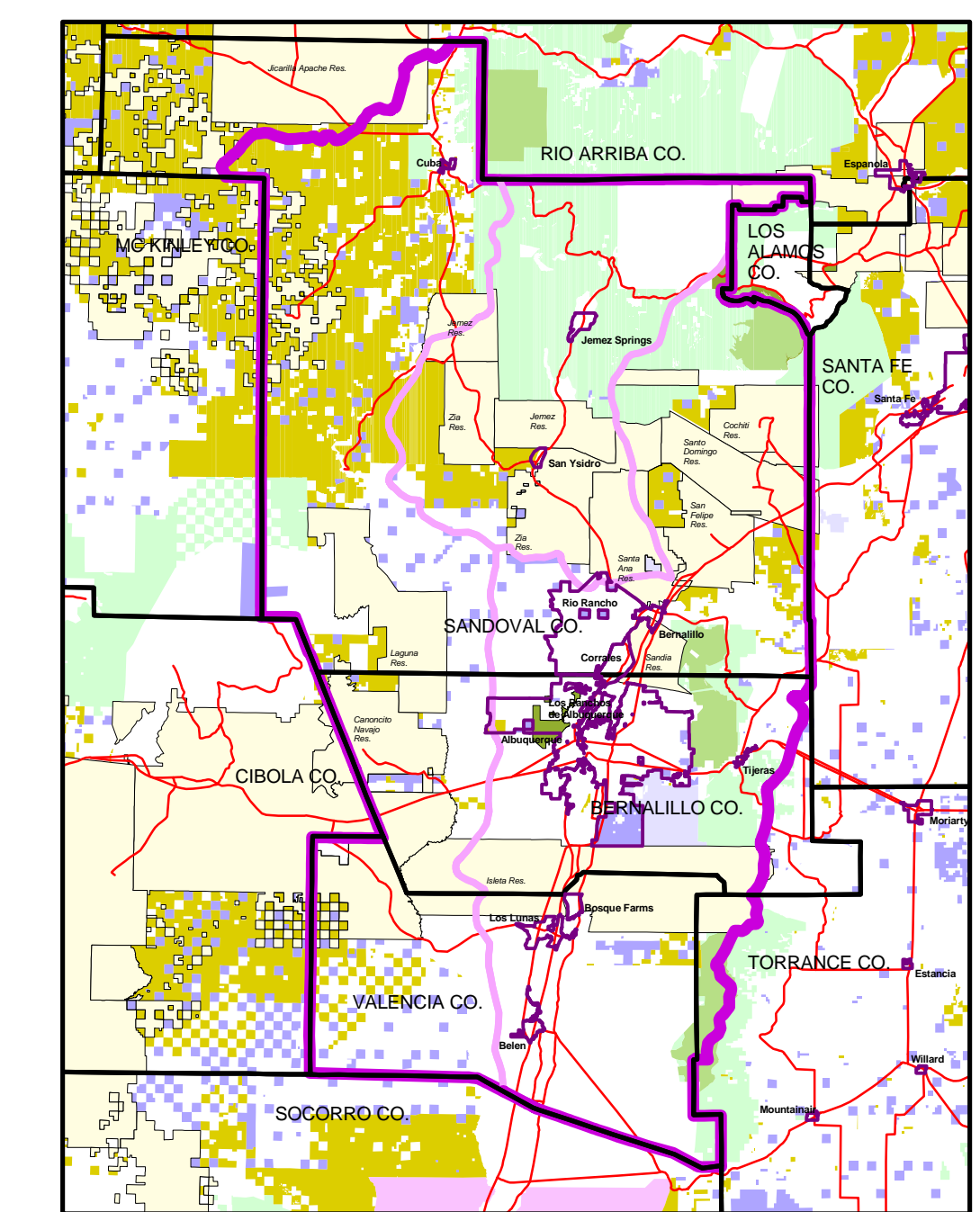
1995 Population Dot Density Map



Note: Population distribution shown only for Sandoval, Bernalillo, Valencia and southern Santa Fe Counties. County total population shown for Sandoval, Bernalillo and Valencia Counties.

Source: 1995 Socioeconomic Estimates for Data Analysis Subzones in SPDD 3, MRGCOG, TM-126, March 1996.

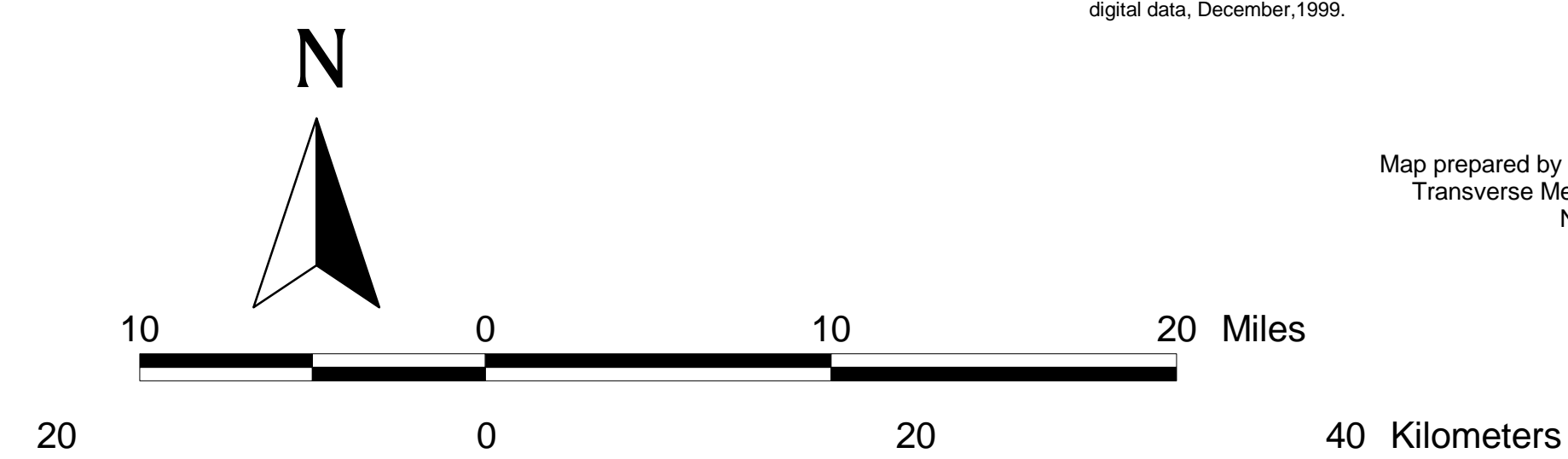
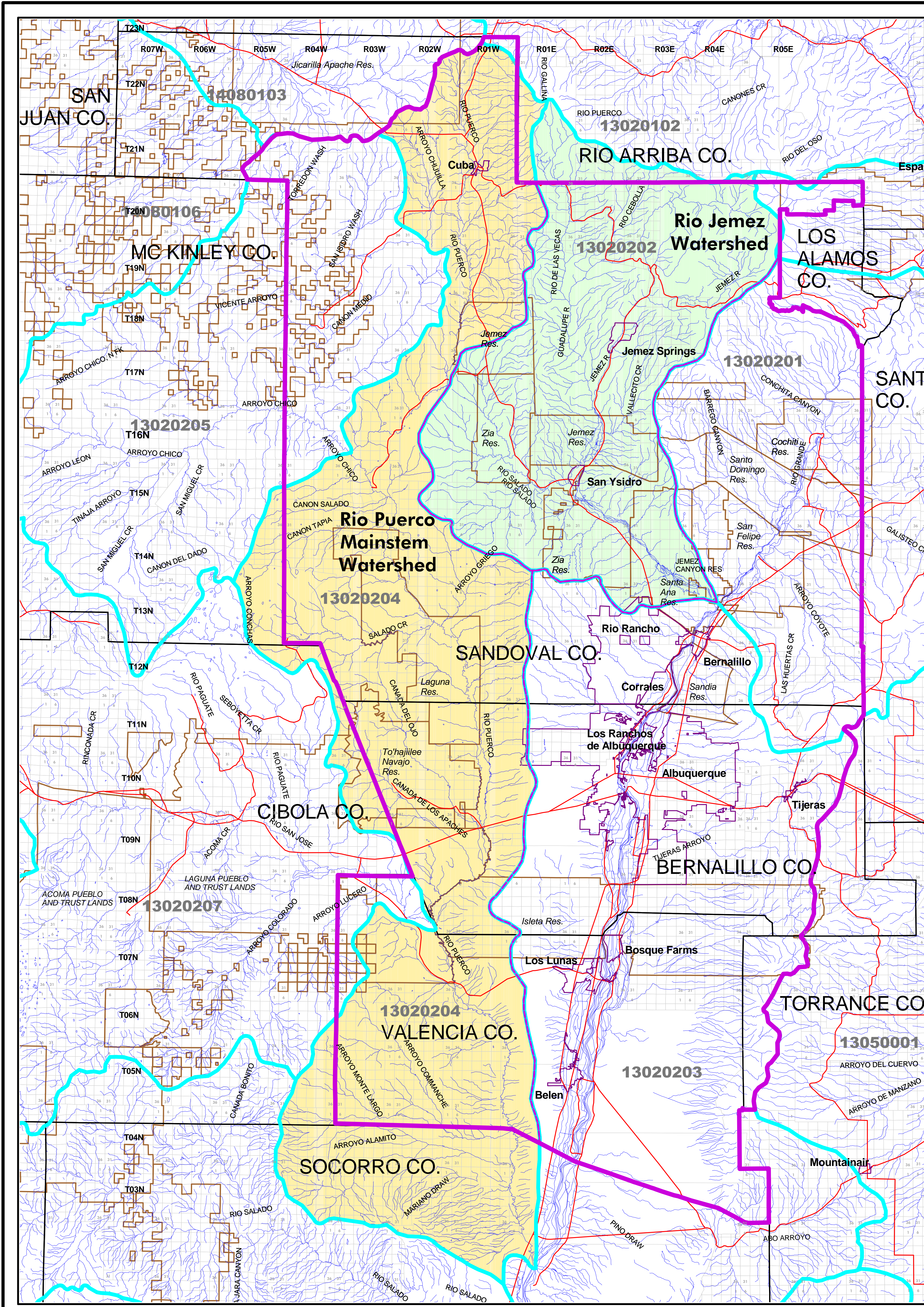
Surface Management Status



Source: Bureau of Land Management, NM State Office, Surface Management Status digital data, updated to 1997. Indian Lands shown are from the All Indian Pueblo Council, Pueblo Office of Environmental Protection digital data, December, 1999.

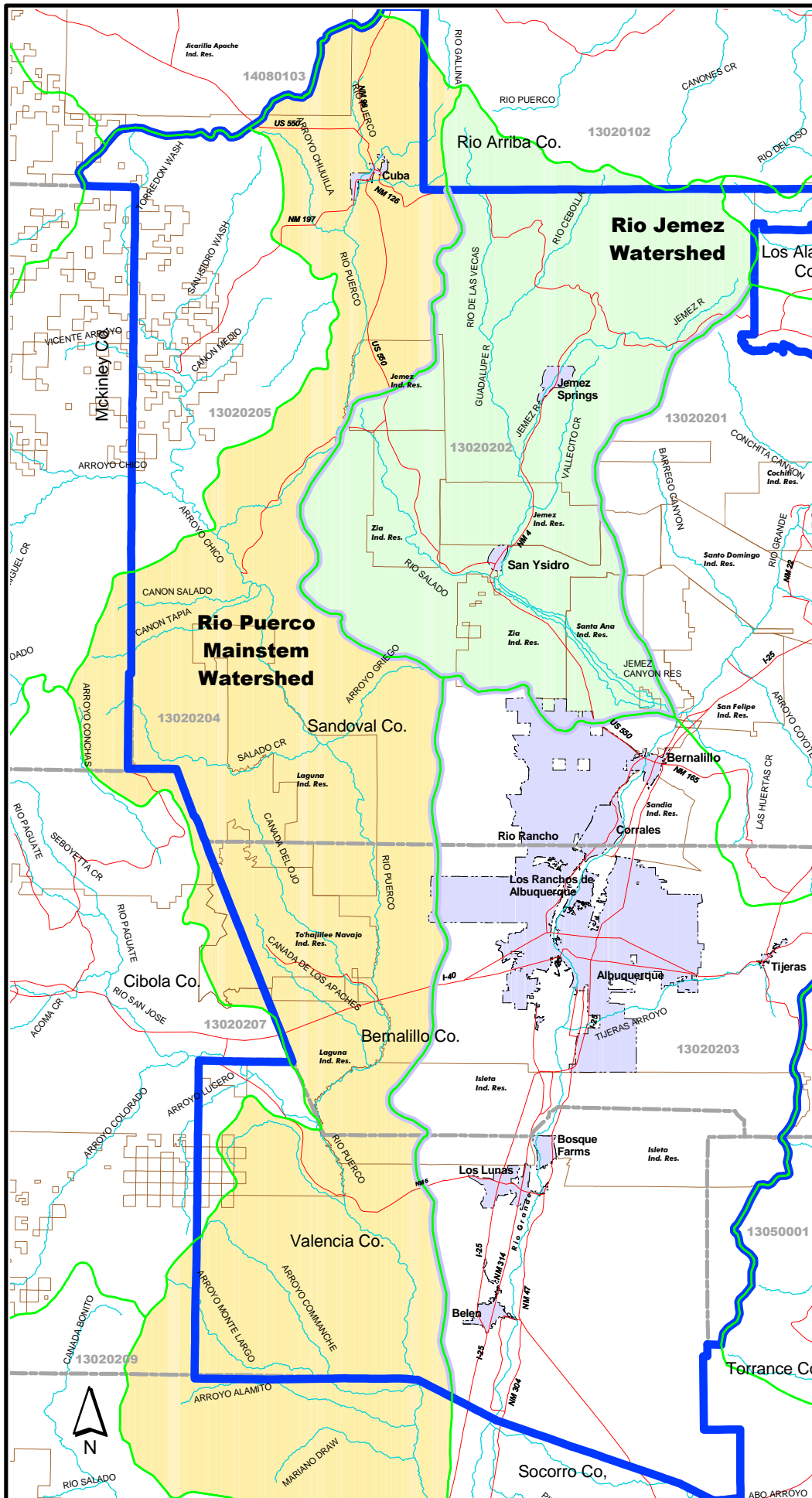
Map prepared by the Middle Rio Grande Council of Governments. Transverse Mercator projection, 1927 North American datum, NM State Plane coordinate system, central zone.

August, 2001.



Middle Rio Grande Regional Water Plan

Rio Puerco and Rio Jemez Watersheds



- Rio Jemez Watershed
- Rio Puerco Mainstem Watershed
- Regional Planning Boundary
- Subregion Planning Boundary
- Hydrologic Unit and Unit Code
- Indian Lands Boundary
- Incorporated Municipality

13020204



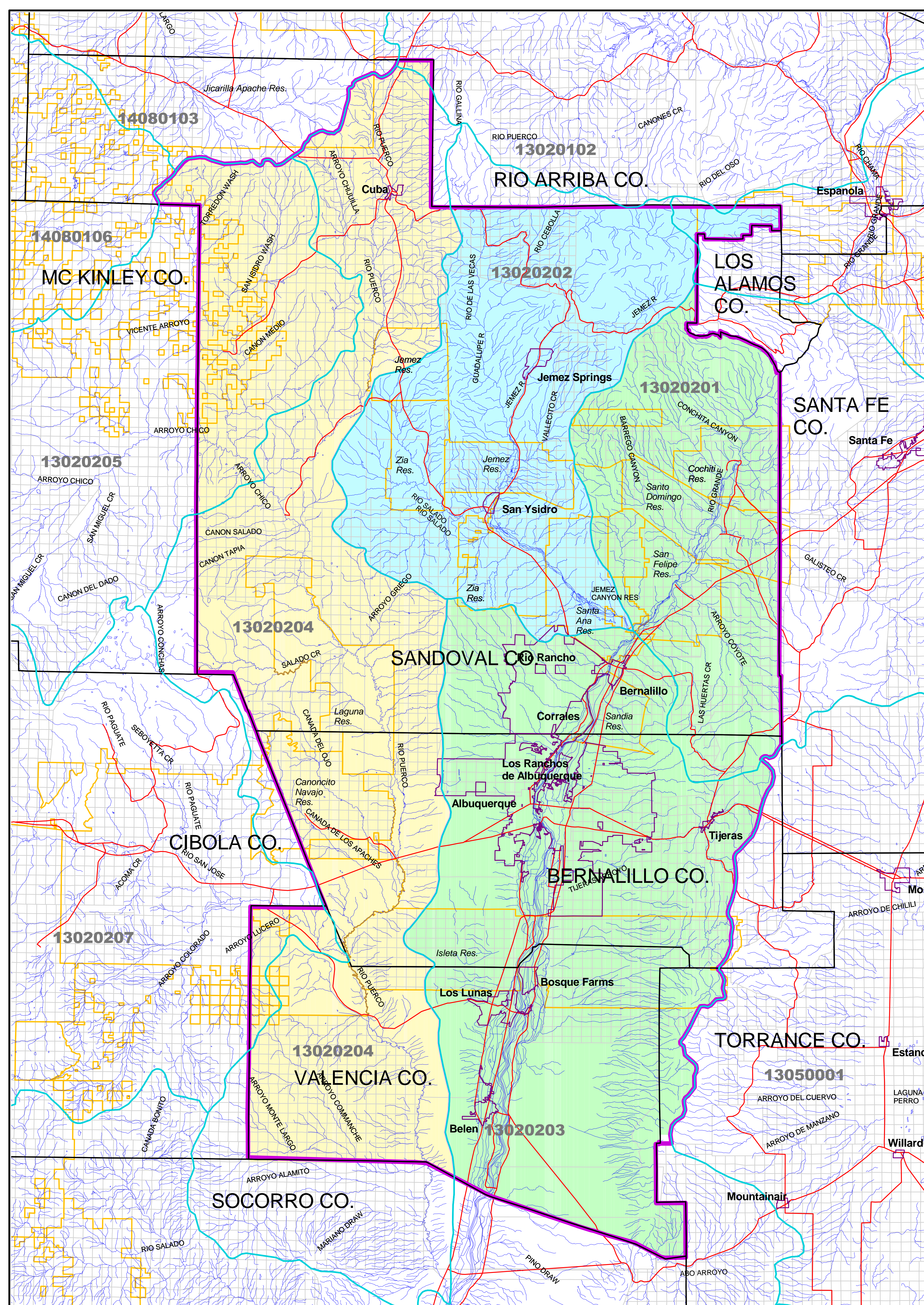
Source: MRGCOG.

Map Projection:
 Transverse Mercator
 Datum: NAD 83
 Date: 9/13/01
 Map compiled by:



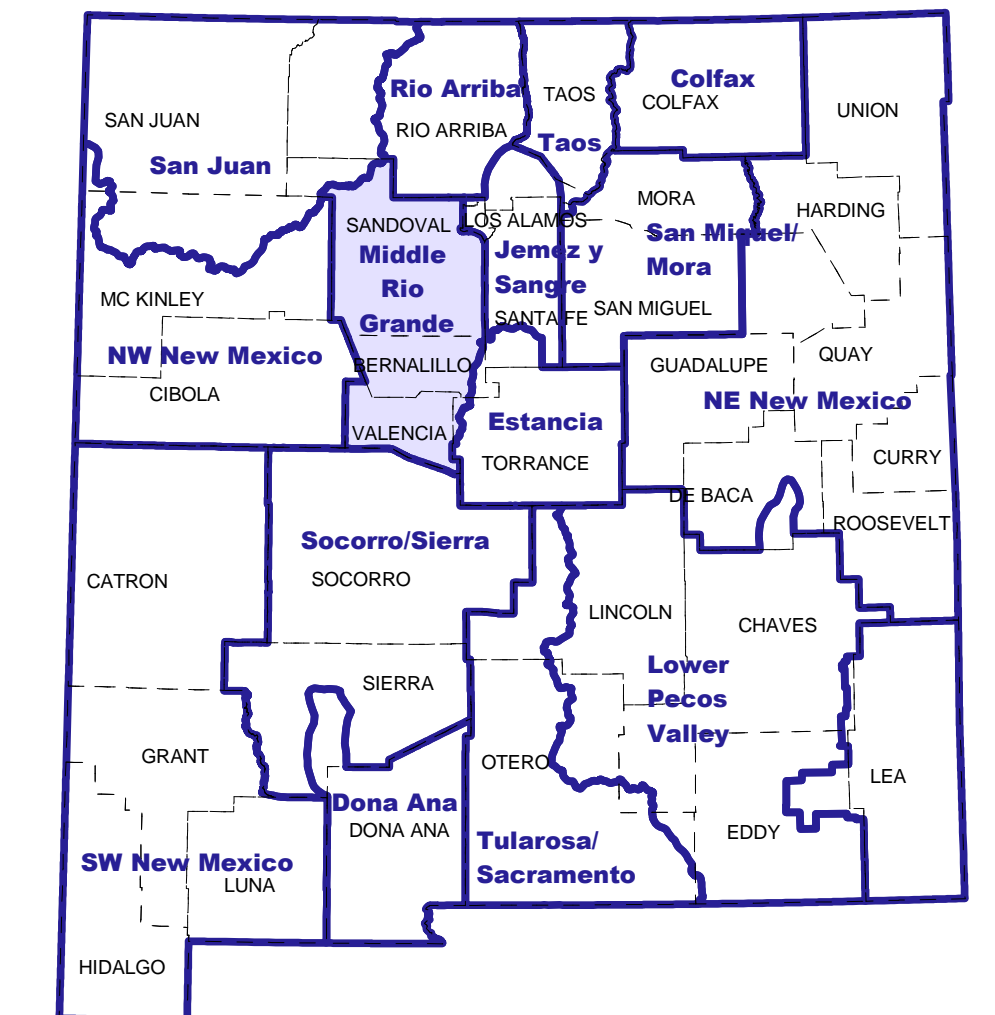
Middle Rio Grande Council of Governments
 307 Commercial N.E., Suite 104
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Middle Rio Grande Water Planning Region

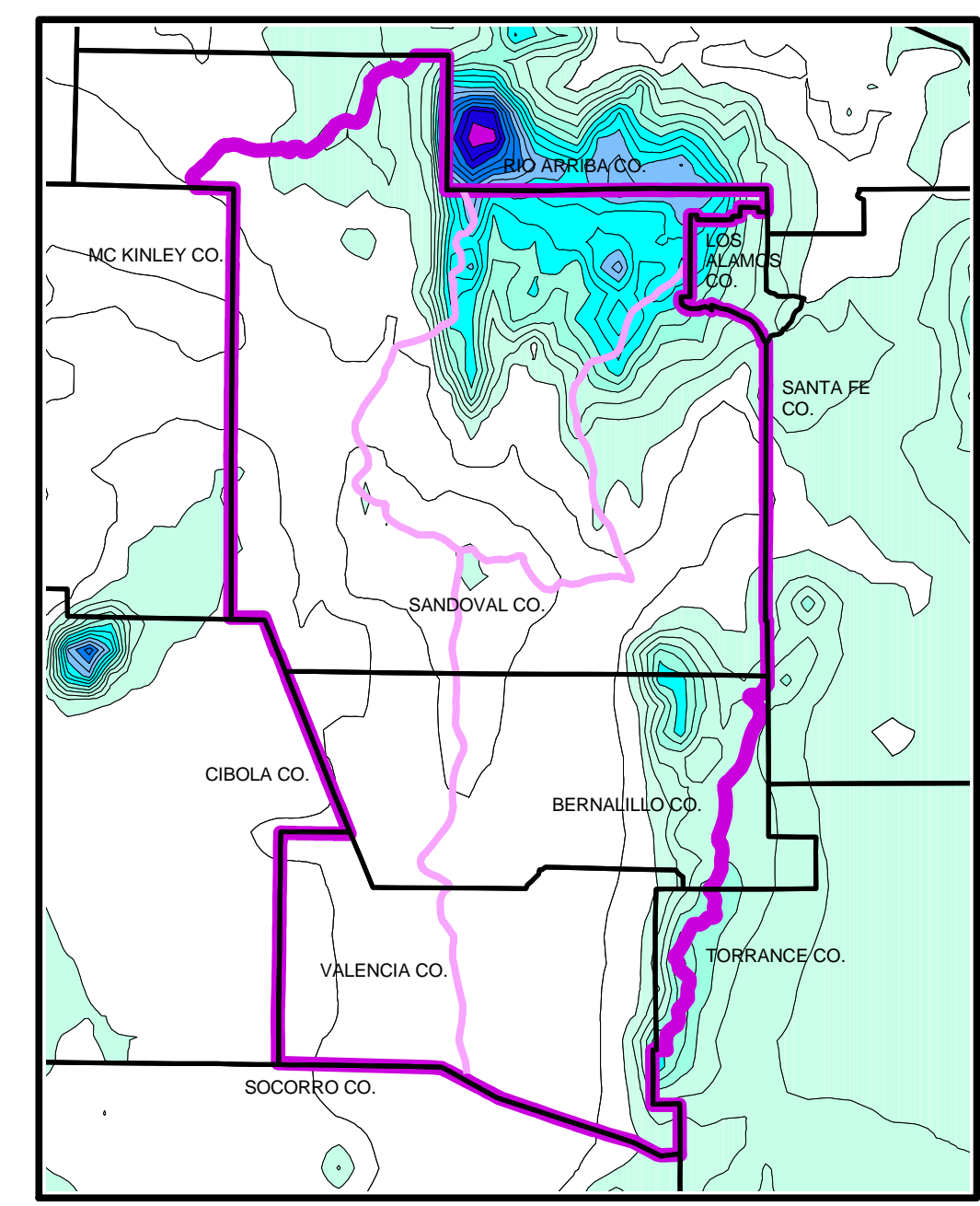


Hydrologic and Planning Boundaries

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- Hydrologic Unit with Cataloging Unit Number
- Water Planning Subregions**
 - Middle Rio Grande Valley Subregion
 - Rio Jemez Subregion
 - Rio Puerco Subregion
- Major Highways
- Indian Lands Boundary
- County Boundary



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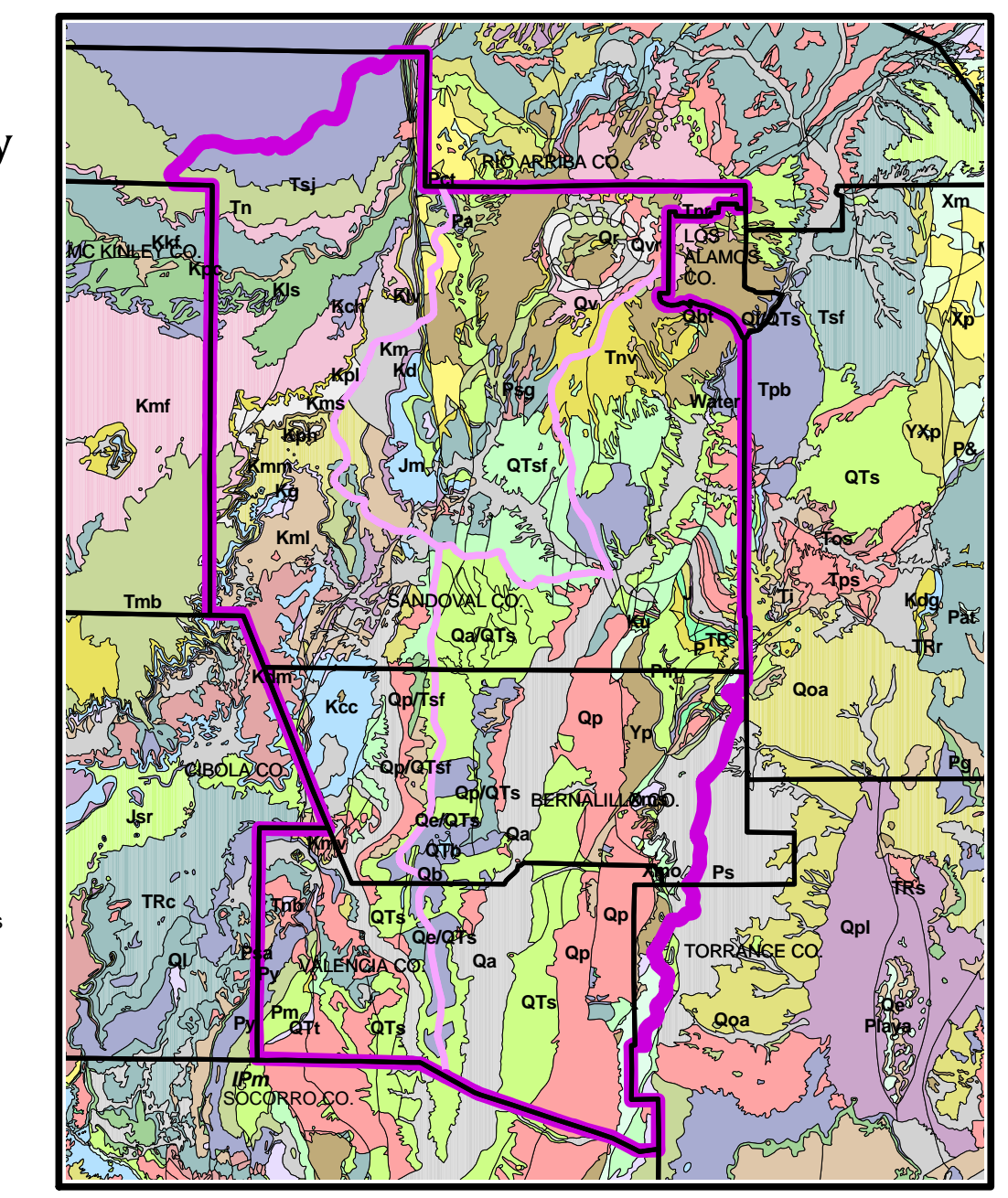


Average Annual Precipitation

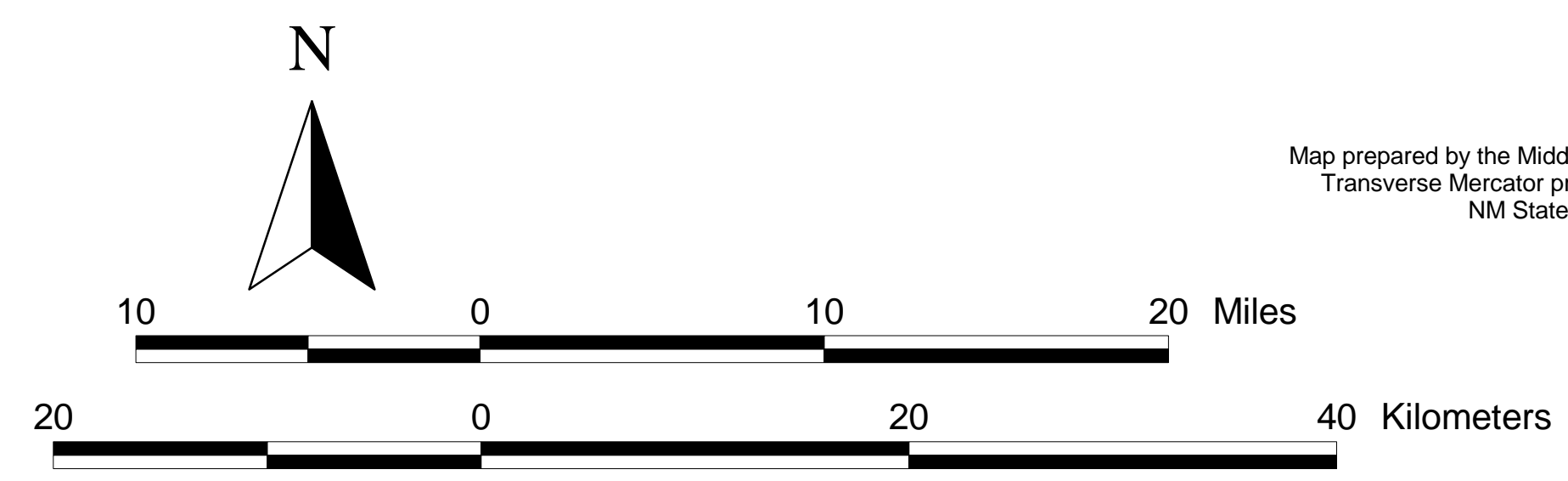
- Precipitation in inches
- 7 - 12
 - 12 - 17
 - 17 - 22
 - 22 - 27
 - 27 - 32
 - 32 - 37
 - 37 - 42
 - 42 - 47

Source: Oregon Climate Service at Oregon State University, Portland, OR. Data derived from PRISM analytical model using digital elevation models and point precipitation data from NWS Cooperative stations, NRCS SNOTEL, and local networks.

Surface Geology

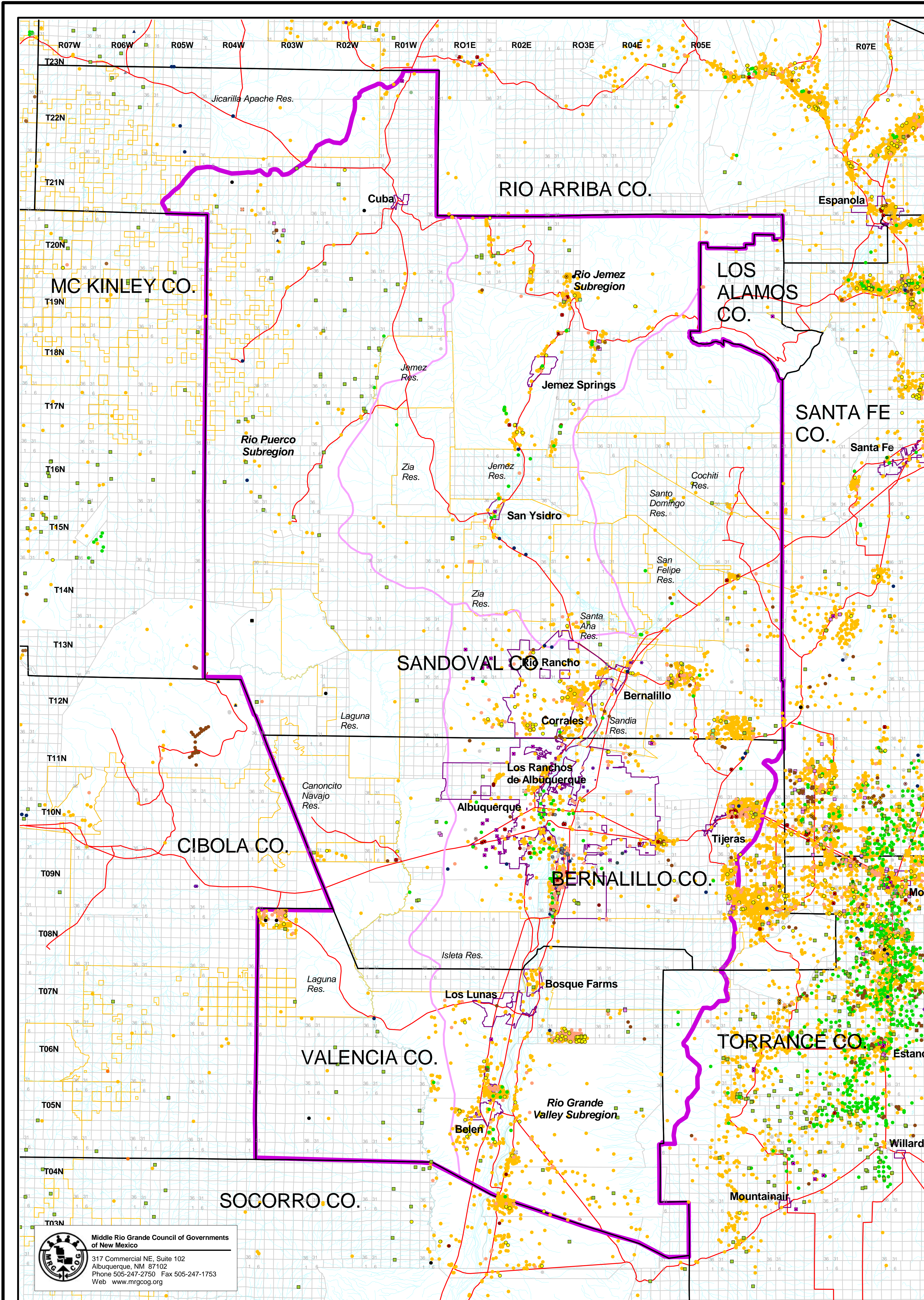


Source: Digital Geologic Map of New Mexico in ARC/INFO Format, 1997, OF-97-52, US Geological Survey, Denver.



Map prepared by the Middle Rio Grande Council of Governments. Transverse Mercator projection, 1927 North American datum, NM State Plane coordinate system, central zone. January, 2000.

Middle Rio Grande Water Planning Region



Ground Water Diversion Points

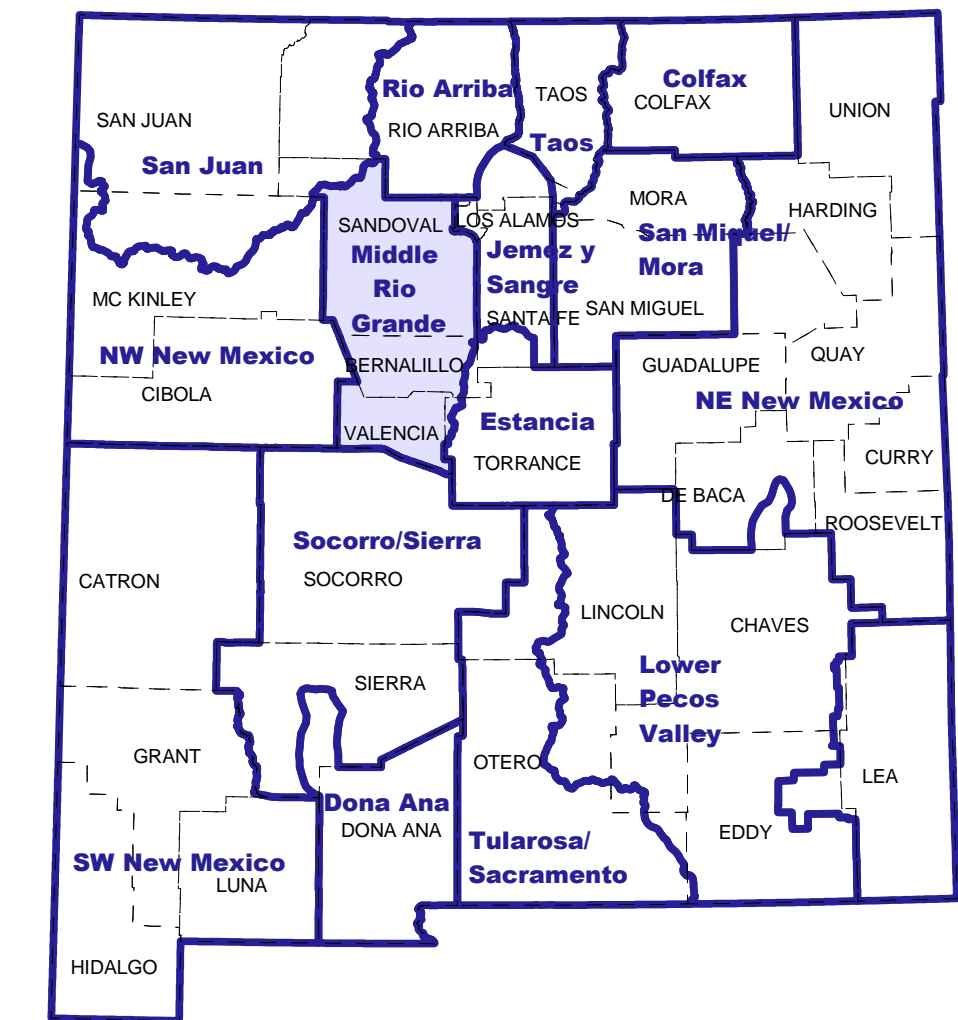
NM Office of the State Engineer
Well Data from the WATERS Database (5/00)
by Purpose of Use Attribute

- | | |
|----------------------------|------------------------|
| ● IRRIGATION | ● DAIRY |
| ● LIVESTOCK WATERING | ● AG/NOT IRR |
| ● INDUSTRIAL | ● FEED PEN |
| ● COMMERCIAL | ● MEAT PACKING |
| ● SANITARY W/COMM. | ● POULTRY/EGG PROD. |
| ● MUNICIPAL/CITY OR COUNTY | ● PETROLEUM PROC. |
| ● COMMUNITY TYPE USE | ● OIL PRODUCTION |
| ● SUBDIVISION | ● OIL FIELD MAINT. |
| ● MOBILE HOME PK. | ● SECONDARY RECOV. OIL |
| ● MULTIPLE DOM. HOUSEHOLDS | ● RECREATION |
| ● DOMESTIC/1 HSHOLD | ● FISH & GAME PROP. |
| ● SCHOOL | ● NON-PROFIT ORG. |
| ● EXPLORATION | ● PUBLIC UTILITY |
| ● PROSPECTING/NAT. RES. | ● MILITARY |
| ● MINING/MILLING | ● STORAGE |
| ● CONST. OF PUBLIC WORKS | ● DEWATERING |
| ● HIGHWAY CONST. | ● POLLUTION CONTROL |
| ● CONSTRUCTION | ● NO RIGHT OR POD |

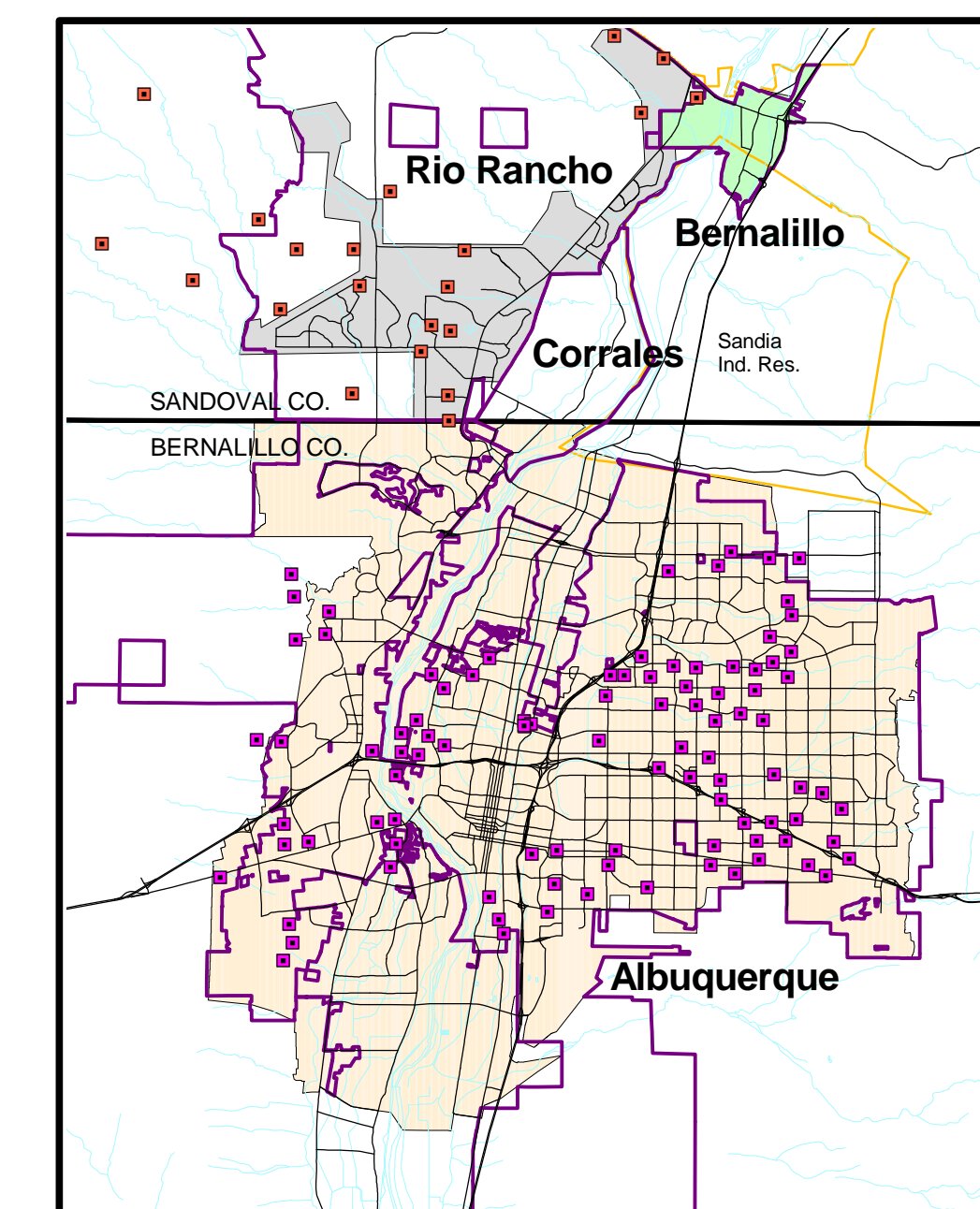
Note: Wells with the following purposes of use were not shown on the map: injection, monitoring, observation and pollution control. Well locational accuracy may vary due to the quality of the source data, or the GIS process generating the points.

Source: NM Office of the State Engineer, Hydrology Bureau.
Arc Info coverage created from May 2000 download from the Water Administration Technical Engineering Resource System (WATERS) database.

- Middle Rio Grande Regional Water Planning Boundary
- Middle Rio Grande Water Planning Subregion Boundary
- Major Highways
- Indian Lands Boundary
- County Boundary
- Hydrology
- Municipal Limits



The Middle Rio Grande Water Planning Region and the NM Water Planning Regions

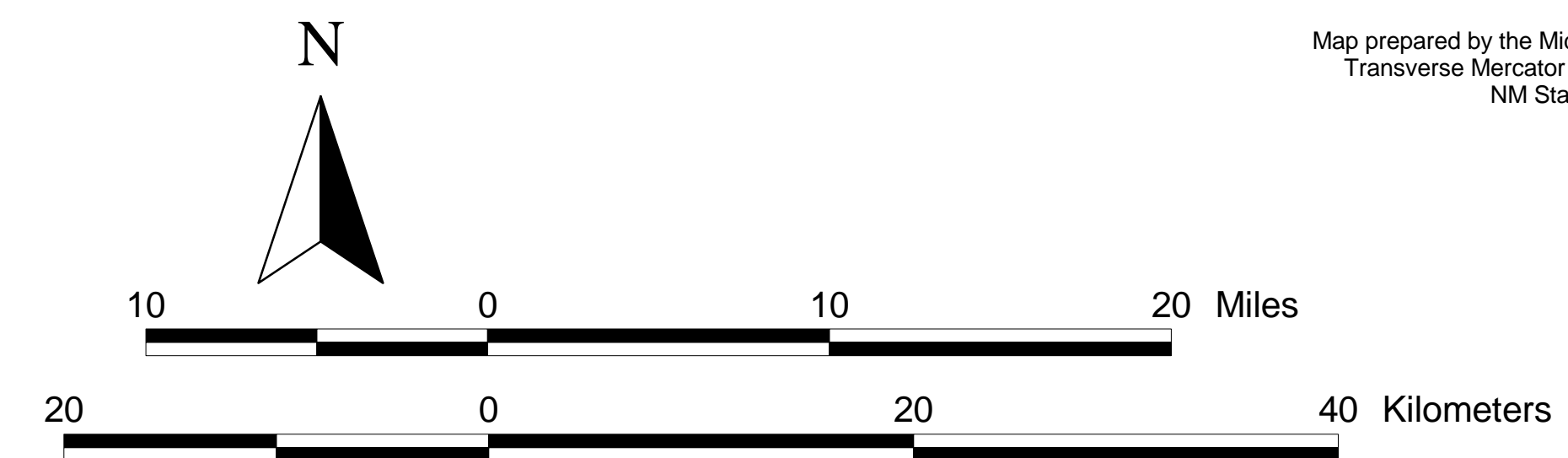


Public Supply Wells for Albuquerque and Rio Rancho Municipal Systems and Urban Area Water Service Territories

- Albuquerque Wells
- Rio Rancho Wells
- Water Service Territories
- Albuquerque and NM Utilities
- Rio Rancho
- Bernalillo

0 4 8 Miles

Sources: City of Albuquerque, Public Works Dept. and City of Rio Rancho, City Development Dept. Rio Rancho Water Service Territory derived from existing water line data

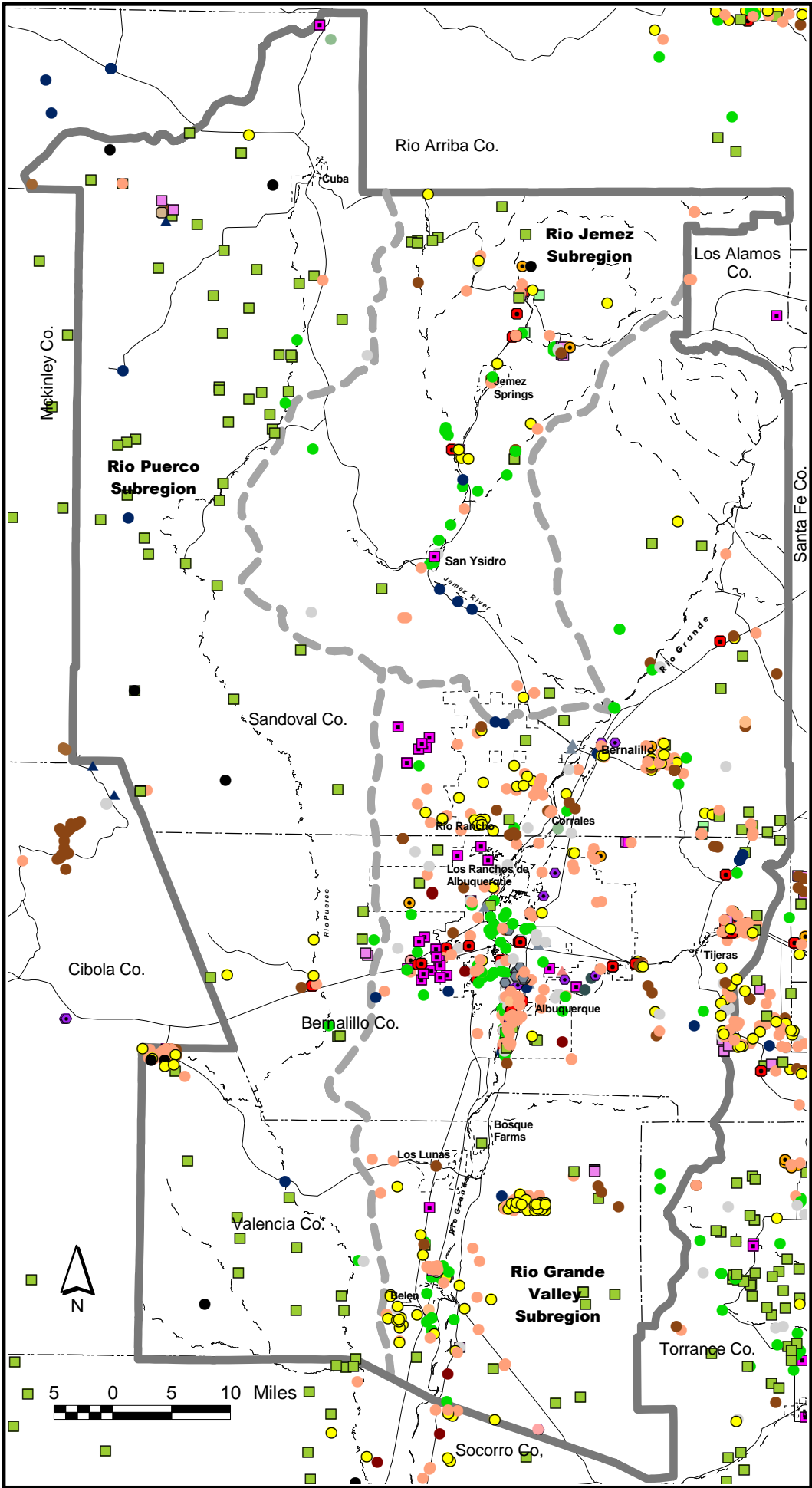


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July, 2000.

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Middle Rio Grande Regional Water Plan

Plate 10 Wells by Purpose of Use from OSE WATERS Database



- IRRIGATION
- LIVESTOCK WATERING
- INDUSTRIAL
- COMMERCIAL
- SANITARY W/COMM.
- MUNICIPAL/CITY OR COUNTY
- COMMUNITY TYPE USE
- SUBDIVISION
- MOBILE HOME PK.
- MULTIPLE DOM. HOUSEHOLDS
- ▲ SCHOOL
- EXPLORATION
- PROSPECTING/NAT. RES.
- MINING/MILLING
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- ▲ OIL FIELD MAINT.
- SECONDARY RECOV. OIL
- RECREATION
- FISH & GAME PROP.
- NON-PROFIT ORG.
- PUBLIC UTILITY
- MILITARY
- STORAGE
- DEWATERING
- POLLUTION CONTROL
- NO RIGHT OR POD

Note: Wells coded as domestic-one household, monitoring, observation, and injection are not shown.

- Regional Planning Boundary
- - - Subregion Planning Boundary
- - - - Municipal Limits

Source: Wells data extracted from WATERS Database, 5/00, OSE, Hydrology Bureau.

Map Projection:
Transverse Mercator
Datum: NAD 83
Date: 5/4/01

Map compiled by:

