



STATE OF NEW MEXICO  
NEW MEXICO ENVIRONMENT DEPARTMENT  
**SURFACE WATER QUALITY BUREAU**



**D R A F T**  
**2 0 0 2 - 2 0 0 4**  
**CWA §303(d) LIST**  
**FOR ASSESSED SURFACE WATERS**



**July 9, 2002**

1190 ST. FRANCIS DRIVE, N2050 - 505.827.2904  
SANTA FE, NEW MEXICO, USA 87505  
[www.nmenv.state.nm.us/swqb](http://www.nmenv.state.nm.us/swqb)

**Blank Page**

**Key to 2002-2004 State of New Mexico 303(d) List:**

**FIELD HEADINGS AND CODES:**

Assessment unit (AU) code	An internal database code that is not intended to provide any specific information to the reader of the list
Assessment unit name	Descriptive name of a specific waterbody (stream reach or lake). Limited to 60 characters.
Attainment status	The use attainment status for the given designated use
Designated use(s)	The designated uses as defined in the State of New Mexico Standards for Interstate and Intrastate Surface Waters (20.6.4 NMAC) that apply to the given assessment unit and/or documented existing uses that apply to the given assessment unit
Federal aquatic T/E species	Any aquatic species that are currently listed on the federal threatened and/or endangered list that are known to reside in the listed assessment unit.
HUC	8-digit Hydrologic Unit Codes (HUC) that identify various watersheds. The US Geologic Survey defines these codes and associated watershed names.
Magnitude	The level of the Potential cause or Potential source. Moderate is the default magnitude for all Potential Source(s). For Potential Cause(s), Moderate indicates the level of impairment listed under the Attainment Status while Not Impairing indicates Full Support Impacts Observed (FSIO).
Not Impairing	Indicates Full Support Impacts Observed (FSIO) for a given Potential cause
NPDES	The number of active National Pollutant Discharge Elimination System (NPDES) permits for point sources on the given assessment unit
Probable cause(s)	Parameters and/or constituents that are causing non-attainment of the noted designated uses

Probable source(s)	Probable sources that may be leading to non-attainment of the noted designated uses
Priority	Ranking of priority on assessment units not fully attaining water quality standards (1 = highest priority, 8 = lowest priority)
Segment ID	An internal database code that is not intended to provide any specific information to the reader of the list
Size	Streams and/or rivers = Miles, Lakes and/or playas = Acres
TMDL(s) due	The date which TMDLs for a given assessment unit are due. Dates followed by the word “Proposed” are projected completion dates.
TMDL(s) completed	A list of TMDLs and/or de-list letters that have been completed and approved.
Watershed	The name of the 8-digit Hydrologic Unit Code (HUC) watershed of the assessment unit as defined by the US Geologic Survey.
WQS reference	Water Quality Standard segment as described in the State of New Mexico Standards for Interstate and Intrastate Surface Waters (20.6.4 NMAC) that applies to the given assessment unit

**ABBREVIATIONS:**

The size of the assessment unit names is limited to 60 characters by the database. Therefore, the following abbreviations were used when necessary:

abv	=	above
bnd	=	boundary
Campgrd	=	Campground
Ck	=	Creek
CO	=	Colorado
confl	=	confluence
Div	=	Diversion
E	=	East
HWY	=	Highway
M	=	Middle

NM	=	New Mexico
N	=	North
nr	=	near
OK	=	Oklahoma
R	=	River or Rio
Rsrv	=	Reservoir
S	=	South
Spr	=	Spring
TX	=	Texas
USFS	=	United States Forest Service
W	=	West

**Blank Page**

# DRAFT

## 2002-2004 STATE OF NEW MEXICO

### §303(d) LIST

#### FOR ASSESSED SURFACE WATERS

New Mexico Environment Department  
Surface Water Quality Bureau  
1190 St. Francis Drive  
P.O. Box 26110  
Santa Fe, New Mexico 87502

JULY 9, 2002

**Note:** The following watersheds and/or waterbodies were studied during this biennial listing cycle:

Gila River, Dry Cimarron, Upper Rio Grande I

The majority of listings outside of these watershed studies, with few individual exceptions, remain unchanged from the 2000-2002 303(d) list.

**Blank Page**

# 2002-2004 State of New Mexico 303(d) List

## For Assessed Surface Waters

**HUC: 11040001**

**Cimarron Headwaters**

**Carrizozo Creek (Dry Cimmaron to headwaters)**

Cimarron Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_40	44.79	20.6.4.701	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Dissolved oxygen  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Natural Sources  
Hydromodification  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Dry Cimarron River (Perennial reaches OK bnd to Oak Creek)**

Cimarron Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_00	77.65	20.6.4.701	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Dissolved Solids  
Temperature

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

---

**Long Canyon (Perennial reaches abv Dry Cimarron)**Cimarron Headwaters

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_20	8.21	20.6.4.701	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Moderate

Range grazing - Riparian and/or Upland

Moderate

Natural Sources

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

HUC: 11080001

Canadian Headwaters

Chicorica Creek (Canadian River to Raton Creek)

Canadian Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_250	9.47	20.6.4.305	0	8	31-Dec-17	No

Impaired Designated Use (s):

limited warmwater fishery

Attainment status:

Partially supporting

Assessment information:

Probable Causes of Impairment:

Plant Nutrients

Magnitude:

Moderate

Probable Sources of Impairment:

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

Magnitude:

Moderate

Moderate

Moderate

TMDL (s) Completed:

Lake Maloya

Canadian Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.B_20	117.57	20.6.4.305	0	8	31-Dec-17	No

Impaired Designated Use (s):

limited warmwater fishery

coldwater fishery

Attainment status:

Not supporting

Not supporting

Assessment information:

Probable Causes of Impairment:

Fish guidelines

Magnitude:

Moderate

Probable Sources of Impairment:

Atmospheric Deposition

Magnitude:

Moderate

TMDL (s) Completed:

**Raton Creek (Chicorica Creek to headwaters)**

Canadian Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_253	17.66	20.6.4.305	3	6	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Moderate

Range grazing - Riparian and/or Upland

Moderate

Municipal Point Sources

Moderate

Grazing related Sources

Moderate

Agriculture

Moderate

TMDL (s) Completed:

**Stubblefield Lake**

Canadian Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_101	907.96	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

TMDL (s) Completed:

HUC: 11080002

Cimarron

Cieneguilla Creek (Eagle Nest Lake to headwaters)

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_065	12.63	20.6.4.309	0	4	31-Dec-00	No

Impaired Designated Use (s):

high quality coldwater fishery  
secondary contact

Attainment status:

Not supporting  
Not supporting

Assessment information:

Probable Causes of Impairment:

Turbidity  
Stream Bottom Deposits  
Fecal Coliform  
Aluminum - chronic

Magnitude:

Moderate  
Moderate  
Moderate  
Moderate

Probable Sources of Impairment:

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Magnitude:

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed: TMDL for turbidity, SBD, fecal coliform, and Al chronic; de-list letter for temperature and plant nutrients

Cimarron River (Canadian River to Cimarron)

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.1.A_10	37.79	20.6.4.306	0	4	31-Dec-17	No

Impaired Designated Use (s):

warmwater fishery

Attainment status:

Partially supporting

Assessment information:

Probable Causes of Impairment:

Aluminum - chronic

Magnitude:

Moderate

Probable Sources of Impairment:

Source Unknown  
Range grazing - Riparian and/or Upland  
Natural Sources  
Grazing related Sources  
Agriculture

Magnitude:

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed: de-list letter for plant nutrients

**Cimarron River (Cimarron to Turkey Creek)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_040	4.25	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Range grazing - Riparian and/or Upland

Moderate

Natural Sources

Moderate

Grazing related Sources

Moderate

Agriculture

Moderate

**TMDL (s) Completed:** TMDL for Al-chronic; de-list letter for plant nutrients**Eagle Nest Lake**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.B_00	1333.81	20.6.4.309	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**McCrystal Creek (North Ponil to headwaters)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_112	6.81	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Habitat Modification (other than Hydromodification)**Magnitude:**

Moderate

Moderate

TMDL (s) Completed:

**Middle Ponil Creek (South Ponil to headwaters)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_121	20.99	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Temperature  
Stream Bottom Deposits**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Logging Road Construction/Maintenance  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed: TMDL for temperature, turbidity; de-list letter for total phosphorus

---

**Moreno Creek (Eagle Nest Lake to headwaters)**

Cimarron

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_060	9	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Fecal Coliform**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate**TMDL (s) Completed:** TMDL for turbidity and fecal coliform; de-list letter for plant nutrients

---

**North Ponil Creek (South Ponil Creek to McCrystal Creek)**

Cimarron

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_110	17.96	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Temperature  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate**TMDL (s) Completed:** TMDL for temp, turbidity, SBD, and total phosphorus; de-list letter for total phosphorus

**Ponil Creek (Cimarron River to conflu of North & South Ponil)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_100	16.9	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits  
 Aluminum - chronic

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:** TMDL for turbidity, temp, and Al chronic; de-list letter for total phosphorus

**Rayado Creek (Cimarron River to Miami Lake Diversion)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.A_80	14.24	20.6.4.307	0	8	31-Dec-01	No

**Impaired Designated Use (s):**

marginal coldwater fishery  
 warmwater fishery

**Attainment status:**

Partially supporting  
 Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:** TMDL for SBD

**Sixmile Creek (Eagle Nest Lake to headwaters)**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_064	4.6	20.6.4.309	0	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery  
secondary contact

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Onsite Wastewater Systems (Septic Tanks)  
Off-farm Animal Holding/Management Area  
Natural Sources  
Land Disposal  
Intensive Animal Feeding Operations  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for turbidity and fecal coliform; de-list for plant nutrients

**Springer Lake**

Cimarron

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.1.B_10	458.85	20.6.4.306	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**HUC: 11080003**

**Upper Canadian**

**Charette Lake (Lower)**

Upper Canadian

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.5_10	300	20.6.4.308	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery  
warmwater fishery

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

TMDL (s) Completed:

**Conchas Reservoir**

Upper Canadian

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2304_00	4218.17	20.6.4.304	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Nutrients  
Fish guidelines

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Road/ Parking lot runoff  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Atmospheric Deposition  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

---

**Manueles Creek (Ocate Creek to headwaters)**

Upper Canadian

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_090	8.91	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

---

**Ocate Creek (Ocate to Wheaton Creek)**

Upper Canadian

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_070	14.49	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

HUC: 11080004

Mora

**Coyote Creek (Mora River to Black Lake)**

Mora

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_020	37.5	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Little Coyote Creek (Black Lake to headwaters)**

Mora

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_024	2.2	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

Temperature

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Highway/Road/Bridge Construction

Construction

**Magnitude:**

Moderate

Moderate

TMDL (s) Completed:

---

**Mora River (Canadian River to Shoemaker)**

Mora

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_020	50.14	20.6.4.305	0	7	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Lead - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

Range grazing - Riparian and/or Upland

Moderate

Grazing related Sources

Moderate

Agriculture

Moderate

TMDL (s) Completed:

---

**Mora River (Rio la Casa to headwaters)**

Mora

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_000	32.87	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

Stream Bottom Deposits

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

**Magnitude:**

Moderate

Grazing related Sources

Moderate

Agriculture

Moderate

TMDL (s) Completed:

**Morphy (Murphy) Lake**

Mora

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.B_30	50	20.6.4.307	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery  
warmwater fishery

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Siltation  
pH  
Nutrients  
Dissolved oxygen

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Silviculture  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rio la Casa (Mora River to confl of North and South Forks)**

Mora

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_030	6.08	20.6.4.309	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Hydromodification  
Highway/Road/Bridge Construction  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Flow Regulation/Modification  
Construction  
Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

---

**Sapello River (Mora River to Manuelitas Creek)**

Mora

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.A_20	27.39	20.6.4.307	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery  
marginal coldwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Ute Reservoir**

Upper Canadian-Ute Reserv

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2302_00	3760.75	20.6.4.302	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
 Fish guidelines  
 Aluminum - chronic

**Magnitude:**

Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
 Range grazing - Riparian and/or Upland  
 Grazing related Sources  
 Atmospheric Deposition  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:**

---

**HUC: 11100101****Upper Beaver**

---

**Clayton Lake**Upper Beaver

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_030	147.76	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**Tule Lake**

Yellow House Draw

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_104	45.65	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

**TMDL (s) Completed:**

---

**HUC: 12050002****Blackwater Draw**

---

**Dennis Chavez Lake (Curry)**

Blackwater Draw

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_036	4	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**limited warmwater fishery  
wildlife habitat**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

TMDL (s) Completed:

---

**Green Acres Lake**

Blackwater Draw

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_046	10.94	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**marginal coldwater fishery  
wildlife habitat**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**Organic enrichment/Low DO  
Nutrients**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Road/ Parking lot runoff  
Natural Sources**Magnitude:**Moderate  
Moderate

TMDL (s) Completed:

---

**Ingram Lake**

Blackwater Draw

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_050	11.59	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Organic enrichment/Low DO  
Nutrients**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Urban Runoff/Storm Sewers  
Natural Sources**Magnitude:**Moderate  
Moderate**TMDL (s) Completed:**

**Lane Salt Lake**

Lost Draw

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_072	400	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

Boron - chronic

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**Bitter Creek (Red River to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_705	8.32	20.6.4.123	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**  
high quality coldwater fishery

**Attainment status:**  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**  
Moderate  
Moderate

**Probable Sources of Impairment:**  
Surface Mining  
Resource Extraction  
Recreation and Tourism Activities (other than Boating - see 7900)  
Natural Sources  
Highway Maintenance and Runoff  
Acid Mine Drainage

**Magnitude:**  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for SBD, and Al acute

**Cabresto Creek (Red River to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_701	17.28	20.6.4.123	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**  
high quality coldwater fishery

**Attainment status:**  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Aluminum - chronic

**Magnitude:**  
Moderate

**Probable Sources of Impairment:**  
Natural Sources  
Highway Maintenance and Runoff

**Magnitude:**  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for Al chronic

**Cordova Creek (Costilla Creek to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_823	5.61	20.6.4.123	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

**Magnitude:**

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Highway Maintenance and Runoff

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

**TMDL (s) Completed:** TMDL for total phosphorus, SBD, and turbidity**Costilla Creek (CO border to Diversion abv Costilla)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_810	3.52	20.6.4.123	0	3	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

**Magnitude:**

Moderate

Hydromodification

Moderate

Highway Maintenance and Runoff

Moderate

Grazing related Sources

Moderate

Flow Regulation/Modification

Moderate

Channelization

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

**Embudo Creek (Rio Grande to Picuris Pueblo bnd)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_40	11.2	20.6.4.114	0	7	31-Dec-17	No

**Impaired Designated Use (s):**

- warmwater fishery
- marginal coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Turbidity
- Stream Bottom Deposits
- Aluminum - chronic

**Magnitude:**

- Moderate
- Moderate
- Moderate

**Probable Sources of Impairment:**

- Vehicle use in arroyos
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Natural Sources
- Land Development
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Dredging
- Construction
- Channelization
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Goose Lake**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.B_12	5.95	20.6.4.123	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
Nutrients

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Guaje Canyon (San Ildefonso bnd to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_005	12.33	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Rec. Selenium  
Gross Alpha

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers  
Natural Sources  
Land Disposal  
Industrial Point Sources  
Erosion and Sedimentation

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Little Tesuque Creek (Rio Tesuque to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_34	8.26	20.6.4.121	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Aluminum - acute**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Source Unknown  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Flow Regulation/Modification**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Los Alamos Canyon (Guaje Canyon to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_006	12.8	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**livestock watering  
wildlife habitat**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**Total Rec. Selenium  
Gross Alpha**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Urban Runoff/Storm Sewers  
Natural Sources  
Land Disposal  
Industrial Point Sources  
Erosion and Sedimentation**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Los Alamos Reservoir**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_077	2	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

- livestock watering
- wildlife habitat
- marginal coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Unknown toxicity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**Pioneer Creek (Red River to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_703	4.89	20.6.4.123	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

- high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Subsurface Mining
- Resource Extraction
- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Habitat Modification (other than Hydromodification)
- Bank or Shoreline Modification/Destabilization
- Abandoned mining

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for turbidity; de-list letter for SBD

**Placer Creek (Red River to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_706	2.75	20.6.4.123	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - acute

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Resource Extraction
- Removal of Riparian Vegetation
- Placer Mining
- Natural Sources
- Habitat Modification (other than Hydromodification)
- Bank or Shoreline Modification/Destabilization
- Abandoned mining

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for Al acute; de-list for SBD

**Pojoaque River (San Ildefonso bnd to Pojoaque bnd)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_20	0.6	20.6.4.114	1	6	31-Dec-17	No

**Impaired Designated Use (s):**

- marginal coldwater fishery
- warmwater fishery

**Attainment status:**

- Partially supporting
- Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Flow Regulation/Modification
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Pueblo Canyon (Los Alamos Canyon to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_43	9.17	unclassified	2	4	31-Dec-17	No

**Impaired Designated Use (s):**

- wildlife habitat
- livestock watering

**Attainment status:**

- Partially supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- PCB's
- Gross Alpha

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Urban Runoff/Storm Sewers
- Refuse disposal
- Natural Sources
- Land Disposal
- Industrial Point Sources
- Hazardous Waste
- Erosion and Sedimentation

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Red River (Placer Creek to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_710	5.63	20.6.4.123	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

- high quality coldwater fishery
- livestock watering
- irrigation

**Attainment status:**

- Not supporting
- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Aluminum - chronic

**Magnitude:**

- Moderate

**Probable Sources of Impairment:**

- Resource Extraction
- Natural Sources
- Mine Tailings
- Mill Tailings
- Highway Maintenance and Runoff
- Abandoned mining

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

**TMDL (s) Completed:** TMDL for Al chronic

**Red River (Rio Grande to Placer Creek)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_10	20.59	20.6.4.122	3	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

- irrigation
- coldwater fishery
- livestock watering

**Attainment status:**

- Not supporting
- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**TMDL (s) Completed:** TMDL for Al chronic

**Rendija Canyon (Guaje Canyon to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_45	8.13	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

- wildlife habitat

**Attainment status:**

- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Rec. Selenium

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Urban Runoff/Storm Sewers
- Natural Sources
- Land Disposal
- Industrial Point Sources
- Erosion and Sedimentation

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

**TMDL (s) Completed:**

**Rio Chupadero (USFS bnd to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_40	4.28	20.6.4.121	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Recreation and Tourism Activities (other than Boating - see 7900)  
Natural Sources  
Highway Maintenance and Runoff

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Fernando de Taos (Rio Pueblo de Taos to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_512	21.6	20.6.4.123	0	3	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Conductivity

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Natural Sources  
Land Disposal  
Land Development  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Frijoles (Rio Medio to Pecos Wilderness)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_60	13.9	20.6.4.121	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Source Unknown
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Rio Grande (Red River to CO border)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_05	27.75	20.6.4.122	0	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Temperature
- pH

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Flow Regulation/Modification
- Agriculture

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

TMDL (s) Completed:

**Rio Grande (San Juan Pueblo bnd to Rio Pueblo de Taos)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_10	29.64	20.6.4.114	2	7	31-Dec-17	No

**Impaired Designated Use (s):**

- warmwater fishery
- marginal coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Irrigated Crop Production
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Rio Grande del Rancho (Rio Pueblo de Taos to HWY 518)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_501	11.5	20.6.4.123	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery  
secondary contact

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Conductivity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Natural Sources  
Land Disposal  
Hydromodification  
Highway/Road/Bridge Construction  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Flow Regulation/Modification  
Construction  
Channelization  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Hondo (Rio Grande to USFS bnd)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_600	8.5	20.6.4.123	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Pasture grazing - Riparian and/or Upland
- Irrigated Crop Production
- Highway Maintenance and Runoff
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for nutrients

**Rio Pueblo (Picuris Pueblo bnd to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_410	18.5	20.6.4.123	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_30	1.2	20.6.4.122	0	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

irrigation  
coldwater fishery

**Attainment status:**

Partially supporting  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Nonirrigated Crop Production  
Municipal Point Sources  
Land Disposal  
Highway/Road/Bridge Construction  
Highway Maintenance and Runoff  
Grazing related Sources  
Crop-related Sources  
Construction  
Agriculture

**Magnitude:**

Moderate  
Moderate

TMDL (s) Completed:

**Rio Pueblo de Taos (Rio Grande del Rancho to headwaters)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_511	23.42	20.6.4.123	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Conductivity

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Pasture grazing - Riparian and/or Upland  
Irrigated Crop Production  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_20	6.4	20.6.4.122	1	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery  
irrigation

**Attainment status:**

Not supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Pasture grazing - Riparian and/or Upland  
Nonirrigated Crop Production  
Municipal Point Sources  
Irrigated Crop Production  
Hydromodification  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Flow Regulation/Modification  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Santa Barbara (Picuris Pueblo bnd to USFS bnd)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_419	7.39	20.6.4.123	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Land Development
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Construction
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Santa Cruz River (San Juan Pueblo to Santa Cruz Dam)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_50	8.1	20.6.4.114	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

- livestock watering
- warmwater fishery
- marginal coldwater fishery
- irrigation

**Attainment status:**

- Not supporting
- Not supporting
- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Turbidity
- Stream Bottom Deposits

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Irrigated Crop Production
- Hydromodification
- Flow Regulation/Modification
- Dam Construction
- Crop-related Sources
- Agriculture

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

TMDL (s) Completed:

**Tesuque Creek (Little Tesuque Creek to confl of forks)**

Upper Rio Grande

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_31	1.44	20.6.4.121	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Habitat Modification (other than Hydromodification)  
 Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:**

**Abiquiu Creek (Rio Chama to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_50	12.93	20.6.4.116	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

- warmwater fishery
- coldwater fishery

**Attainment status:**

- Partially supporting
- Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Stream Bottom Deposits
- Plant Nutrients
- Dissolved oxygen

**Magnitude:**

- Moderate
- Moderate
- Moderate

**Probable Sources of Impairment:**

- Range grazing - Riparian and/or Upland
- Onsite Wastewater Systems (Septic Tanks)
- Land Disposal
- Hydromodification
- Highway Maintenance and Runoff
- Grazing related Sources
- Channelization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Abiquiu Reservoir**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2114_00	1038.35	20.6.4.117	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

- coldwater fishery
- warmwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Fish guidelines

**Magnitude:**

- Moderate

**Probable Sources of Impairment:**

- Atmospheric Deposition

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Cañones Creek (Abiquiu Reservoir to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_010	17.44	20.6.4.119	0	3	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery  
secondary contact

**Attainment status:**

Not supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Total Organic Carbon  
Temperature  
Fecal Coliform  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Natural Sources  
Land Disposal  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Cecilia Canyon Creek (Rio Capulin to USFS bnd)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_042	5.05	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Recreation and Tourism Activities (other than Boating - see 7900)  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:**

**Chavez Creek (Rio Brazos to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_081	12.59	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Hydromodification  
 Habitat Modification (other than Hydromodification)  
 Dredging  
 Channelization

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:**

**Chihuahuenos Creek (Cañones Creek to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_016	9.34	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Clear Creek (Rio Gallina to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_043	3.55	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture

Range grazing - Riparian and/or Upland

Logging Road Construction/Maintenance

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Coyote Creek (Rio Puerco de Chama to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_022	13.7	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**El Rito Creek (Perennial reaches above El Rito)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2112.A_20	13.17	20.6.4.115	0	3	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Plant Nutrients  
 Aluminum - chronic

**Magnitude:**

Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Recreation and Tourism Activities (other than Boating - see 7900)  
 Range grazing - Riparian and/or Upland  
 Irrigated Crop Production  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Crop-related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

---

**El Vado Reservoir**Rio Chama

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2117_00	3222.27	20.6.4.120	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Range grazing - Riparian and/or Upland

Moderate

Grazing related Sources

Moderate

Atmospheric Deposition

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

---

**Heron Reservoir**Rio Chama

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2117_10	4741.88	20.6.4.120	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

Atmospheric Deposition

Moderate

**TMDL (s) Completed:**

**Poleo Creek (Rio Puerco de Chama to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_023	12.16	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Silviculture
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Natural Sources
- Logging Road Construction/Maintenance
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Polvadera Creek (Cañones Creek to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_011	13.94	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Temperature
- Stream Bottom Deposits

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Habitat Modification (other than Hydromodification)

**Magnitude:**

- Moderate
- Moderate

TMDL (s) Completed:

**Rio Brazos (Rio Chama to Chavez Creek)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_080	3.52	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Hydromodification  
 Habitat Modification (other than Hydromodification)  
 Dredging  
 Channelization

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Rio Chama (Rio Brazos to Little Willow Creek)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_001	11.72	20.6.4.119	0	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Municipal Point Sources  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Rio Chama (San Juan Pueblo to Abiquiu Dam)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_00	28.3	20.6.4.116	0	7	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

- coldwater fishery
- warmwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Range grazing - Riparian and/or Upland
- Natural Sources
- Irrigated Crop Production
- Hydromodification
- Grazing related Sources
- Dam Construction
- Crop-related Sources
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Rio Chamita (Rio Chama to CO border)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_110	13.68	20.6.4.119	1	2	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

- high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Total Ammonia
- Temperature
- Fecal Coliform
- Aluminum - chronic

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Natural Sources
- Municipal Point Sources
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Flow Regulation/Modification
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for ammonia, total phosphorus, fecal coliform, and temperature

**Rio Gallina (Rio Capulin to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_040	8.77	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Rio Nutrias (Rio Chama to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_060	34.63	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Irrigated Crop Production  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Crop-related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Rio Ojo Caliente (Rio Chama to Rio Vallecitos)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_10	22.33	20.6.4.116	0	7	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

- coldwater fishery
- warmwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Stream Bottom Deposits
- Aluminum - chronic

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Natural Sources
- Irrigated Crop Production
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Channelization
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:**

**Rio Puerco de Chama (Abiquiu Reservoir to Poleo Creek)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2115_20	8.81	20.6.4.118	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery  
warmwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Puerco de Chama (Poleo Creek to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_020	12.2	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Natural Sources  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Forest Management (pumped drainage, fertilization, pesticide application)  
Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Rio Tusas (Rio Vallecitos to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_30	44.39	20.6.4.116	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

- coldwater fishery
- warmwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

**TMDL (s) Completed:**

**Rio Vallecitos (Rio Tusas to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2112.A_00	36.31	20.6.4.115	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity	Moderate
Temperature	Moderate
Aluminum - chronic	Moderate
Aluminum - acute	Moderate

**Probable Sources of Impairment:**

Surface Mining	Moderate
Resource Extraction	Moderate
Removal of Riparian Vegetation	Moderate
Recreation and Tourism Activities (other than Boating - see 7900)	Moderate
Range grazing - Riparian and/or Upland	Moderate
Irrigated Crop Production	Moderate
Hydromodification	Moderate
Highway Maintenance and Runoff	Moderate
Habitat Modification (other than Hydromodification)	Moderate
Grazing related Sources	Moderate
Crop-related Sources	Moderate
Channelization	Moderate
Bank or Shoreline Modification/Destabilization	Moderate
Agriculture	Moderate

**TMDL (s) Completed:**

**Rito de Tierra Amarilla (Rio Chama to HWY 64)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_070	15.8	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rito Resumidero (Rio Puerco de Chama to headwaters)**

Rio Chama

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_025	2.75	20.6.4.119	0	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Logging Road Construction/Maintenance  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (pumped drainage, fertilization, pesticide application)  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Ancho Canyon (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_46	6.85	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Rec. Selenium

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Natural Sources

Land Disposal

Industrial Point Sources

Erosion and Sedimentation

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Capulin Creek (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_72	13.14	20.6.4.121	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Harvesting, Restoration, Residue Management

**Magnitude:**

Moderate

Moderate

TMDL (s) Completed:

**Galisteo Ck (Perennial reaches abv Santo Domingo bnd)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_10	43.5	unclassified	1	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Hydromodification  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Las Huertas Creek (Placitas to Capulin Canyon)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2108.5_00	15.5	20.6.4.111	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
 Removal of Riparian Vegetation  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Mortadad (San Ildefonso Pueblo bnd to headwaters)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_42	4.27	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Gross Alpha

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Natural Sources

Land Disposal

Industrial Point Sources

Erosion and Sedimentation

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Pajarito Canyon (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_40	13.3	unclassified	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

livestock watering

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium

Total Mercury

Gross Alpha

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Natural Sources

Land Disposal

Industrial Point Sources

Erosion and Sedimentation

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Rito Cañon de los Frijoles (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_70	11.56	20.6.4.121	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Pesticides -- DDT

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Land Disposal

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**Santa Fe River (Cochiti Pueblo bnd to Santa Fe WWTP)**

Rio Grande-Santa Fe

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2110_00	17.56	20.6.4.113	1	6	31-Dec-99	No

**Impaired Designated Use (s):**

marginal coldwater fishery

warmwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Surface Mining

Resource Extraction

Range grazing - Riparian and/or Upland

Municipal Point Sources

Mine Tailings

Grazing related Sources

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for SBD, DO, pH, and chlorine; de-list letter for plant nutrients

---

**Water Canyon (Rio Grande to headwaters)**

Rio Grande-Santa Fe

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_44	11.05	unclassified	0	4	31-Dec-17	No

---

**Impaired Designated Use (s):**livestock watering  
wildlife habitat**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**Total Rec. Selenium  
Gross Alpha**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Urban Runoff/Storm Sewers  
Natural Sources  
Land Disposal  
Industrial Point Sources  
Erosion and Sedimentation**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate**TMDL (s) Completed:**

**American Creek (Rio de las Palomas to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_44	4.81	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits

**Magnitude:**

Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:** TMDL for SBD, temperature, and turbidity

**Calaveras Creek (Rio Cebolla to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_53	9.2	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Highway Maintenance and Runoff

**Magnitude:**

Moderate

**TMDL (s) Completed:** TMDL for SBD

**Clear Creek (Rio de las Vacas to San Gregorio Lake)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_54	8.92	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Natural Sources

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for turbidity and TOC

**Fenton Lake**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.B_00	23.81	20.6.4.108	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

fish culture

high quality coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Phosphorus

Siltation

Nuisance algae

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Land Disposal

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:**

**Jemez River (East fork)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_10	19.03	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture

**Magnitude:**

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Range grazing - Riparian and/or Upland

Moderate

Harvesting, Restoration, Residue Management

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

TMDL for turbidity

**Jemez River (HWY 4 near Jemez Springs to East Fork)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_00	3.4	20.6.4.108	0	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

- livestock watering
- high quality coldwater fishery
- fish culture

**Attainment status:**

- Partially supporting
- Partially supporting
- Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Turbidity
- Stream Bottom Deposits
- Aluminum - acute

**Magnitude:**

- Moderate
- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Natural Sources
- Land Development
- Highway Maintenance and Runoff
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Construction
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for Al acute, turbidity, and SBD

**Jemez River (Rio Guadalupe to HWY4 nr Jemez Springs)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105.5_10	9.67	20.6.4.107	1	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

livestock watering  
coldwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Land Development  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for Al acute, turbidity, and SBD

**Redondo Creek (Sulpher Creek to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_21	6.2	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Temperature

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for turbidity, total phosphorus, and temperature

**Rio Cebolla (Fenton Lake to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_52	14.63	20.6.4.108	0	2	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Intensive Animal Feeding Operations  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Aquaculture  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for temperature and SBD

**Rio Cebolla (Rio de las Vacas to Fenton Lake)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_50	6.07	20.6.4.108	1	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for SBD

**Rio de las Vacas (Rio Cebolla to Rito de las Palomas)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_40	13.42	20.6.4.108	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

**TMDL (s) Completed:** TMDL for temperature and TOC

**Rio Guadalupe (Jemez River to confl with Rio Cebolla)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_30	12.65	20.6.4.108	0	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Turbidity
- Aluminum - chronic

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Natural Sources
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for Al chronic, turbidity, and SBD

**Rito Peñas Negras (Rio de las Vacas to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_42	11.78	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for temperature, TOC, and SBD

**San Antonio Creek (East Fork Jemez R to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_20	24.75	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Temperature

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Natural Sources  
Logging Road Construction/Maintenance  
Land Development  
Habitat Modification (other than Hydromodification)  
Construction  
Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for turbidity and temperature

**Sulphur Creek (San Antonio to headwaters)**

Jemez

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_22	6.1	20.6.4.108	0	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

pH  
Conductivity

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Range grazing - Riparian and/or Upland  
Natural Sources  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL for pH and conductivity

**Rio Grande (Alameda Bridge to Santa Ana Pueblo bnd)**

Rio Grande-Albuquerque

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105.1_00	11.66	20.6.4.106	6	1	31-Dec-00	Rio Grande silvery minnow

**Impaired Designated Use (s):**

irrigation  
secondary contact

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Fecal Coliform

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers  
Municipal Point Sources

**Magnitude:**

Moderate

Moderate

**TMDL (s) Completed:** TMDL for fecal coliform

**Rio Grande (Isleta Pueblo bnd to Alameda Street Bridge)**

Rio Grande-Albuquerque

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105_50	20.4	20.6.4.105	5	1	31-Dec-00	Rio Grande silvery minnow

**Impaired Designated Use (s):**

irrigation  
secondary contact

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Fecal Coliform

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers  
Municipal Point Sources

**Magnitude:**

Moderate

Moderate

**TMDL (s) Completed:** TMDL for fecal coliform

**Nacimiento Creek (USFS bnd to San Gregorio Reservoir)**

Rio Puerco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_42	4.6	20.6.4.109	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits  
Plant Nutrients

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rio Puerco (Rito Olguin to headwaters)**

Rio Puerco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_40	8.09	20.6.4.109	0	4	31-Dec-06	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rito Leche (Perennial reaches above Rio Puerco)**

Rio Puerco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_43	2.9	20.6.4.109	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**San Pablo Canyon (Rio Puerco to headwaters)**

Rio Puerco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_41	2.24	20.6.4.109	0	4	31-Dec-06	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits  
 Plant Nutrients

**Magnitude:**

Moderate  
 Moderate

**Probable Sources of Impairment:**

Surface Mining  
 Resource Extraction  
 Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Bluewater Ck (abv Bluewater Lake & on private inholdings)**

Rio San Jose

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_01	7.21	20.6.4.109	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits  
 Aluminum - acute

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Silviculture  
 Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Logging Road Construction/Maintenance  
 Harvesting, Restoration, Residue Management  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Bluewater Ck (R San Jose to Bluewater Lake except Navajo)**

Rio San Jose

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_00	2.4	20.6.4.109	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Rio Moquino (Laguna Pueblo to Seboyettia Creek)**

Rio San Jose

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_10	3	20.6.4.109	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Surface Mining  
Resource Extraction  
Removal of Riparian Vegetation  
Mine Tailings  
Habitat Modification (other than Hydromodification)

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rio Pagate (Laguna Pueblo bnd to headwaters)**

Rio San Jose

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_30	10.7	20.6.4.109	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits  
Selenium - chronic

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Surface Mining  
Source Unknown  
Resource Extraction  
Removal of Riparian Vegetation  
Mine Tailings  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization  
Abandoned mining

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

HUC: 13020211

Elephant Butte Reservoir

Alamosa Creek (Perennial reaches abv Monticello diversion)

Elephant Butte Reservoir

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2103.A_30	41.37	20.6.4.103	0	1	31-Dec-17	Alamosa springsnail (in springs)

Impaired Designated Use (s):

- warmwater fishery
- marginal coldwater fishery

Attainment status:

- Partially supporting
- Partially supporting

Assessment information:

Probable Causes of Impairment:

Stream Bottom Deposits

Magnitude:

Moderate

Probable Sources of Impairment:

Source Unknown

Magnitude:

Moderate

TMDL (s) Completed:

Elephant Butte Reservoir

Elephant Butte Reservoir

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2104_00	6516.56	20.6.4.104	1	8	31-Dec-17	No

Impaired Designated Use (s):

- warmwater fishery

Attainment status:

Not supporting

Assessment information:

Probable Causes of Impairment:

Fish guidelines

Magnitude:

Moderate

Probable Sources of Impairment:

- Source Unknown
- Range grazing - Riparian and/or Upland
- Grazing related Sources
- Atmospheric Deposition
- Agriculture

Magnitude:

- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

TMDL (s) Completed:

**HUC: 13030101****Caballo****Caballo Reservoir**

Caballo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2102.B_00	3019.55	20.6.4.102	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Range grazing - Riparian and/or Upland

Moderate

Grazing related Sources

Moderate

Atmospheric Deposition

Moderate

Agriculture

Moderate

TMDL (s) Completed:

**Percha Creek (Perennial reaches Caballo R to M Fork)**

Caballo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2103.A_20	18.41	20.6.4.103	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

marginal coldwater fishery

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

**Bear Canyon Reservoir**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_30	8.63	20.6.4.504	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
 Nutrients  
 Fish guidelines  
 Dissolved oxygen

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Atmospheric Deposition  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Cold Springs Creek (Hot Springs Creek to headwaters)**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_11	9.71	20.6.4.803	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Zinc - acute  
 Copper - acute

**Magnitude:**

Moderate  
 Moderate

**Probable Sources of Impairment:**

Subsurface Mining  
 Resource Extraction  
 Mine Tailings

**Magnitude:**

Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Gallinas Creek (Mimbres River to headwaters)**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_20	20.27	20.6.4.803	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Resource Extraction
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Natural Sources
- Irrigated Crop Production
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Agriculture
- Abandoned mining

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Hot Springs Creek (Mimbres River to headwaters)**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_10	10.52	20.6.4.803	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

**Mimbres River (Perennial reaches below Sheppard Canyon)**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_00	12.5	20.6.4.803	1	1	31-Dec-17	No

**Impaired Designated Use (s):**

irrigation

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Irrigated Crop Production  
Hydromodification  
Grazing related Sources  
Dredging  
Crop-related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Mimbres River (Sheppard Canyon to Cooney Campground)**

Mimbres

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2804_00	14.27	20.6.4.804	0	1	31-Dec-17	Chihuahua chub

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits  
Dissolved oxygen

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Dredging  
Dredge Mining  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**HUC: 13050003**

**Tularosa Valley**

**Three Rivers (Perennial HWY 54 to USFS except Mescalero)**

Tularosa Valley

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2802_00	3.07	20.6.4.802	0	4	31-Dec-17	No

**Impaired Designated Use (s):**  
high quality coldwater fishery

**Attainment status:**  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Temperature  
Conductivity

**Magnitude:**  
Moderate  
Moderate

**Probable Sources of Impairment:**  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Agriculture

**Magnitude:**  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Tularosa Creek (Tularosa to Mescalero Apache bnd)**

Tularosa Valley

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2801_01	13.1	20.6.4.801	1	4	31-Dec-17	No

**Impaired Designated Use (s):**  
coldwater fishery

**Attainment status:**  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Cause Unknown

**Magnitude:**  
Moderate

**Probable Sources of Impairment:**  
Source Unknown

**Magnitude:**  
Moderate

**TMDL (s) Completed:**

**Beaver Creek (Porvenir Creek to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_04	5.86	20.6.4.215	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture

Moderate

Removal of Riparian Vegetation

Moderate

Recreation and Tourism Activities (other than Boating - see 7900)

Moderate

Range grazing - Riparian and/or Upland

Moderate

Highway Maintenance and Runoff

Moderate

Harvesting, Restoration, Residue Management

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

TMDL (s) Completed:

**Cow Creek (Pecos River to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_090	37.67	20.6.4.217	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Moderate

Range grazing - Riparian and/or Upland

Moderate

Natural Sources

Moderate

Highway Maintenance and Runoff

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

TMDL (s) Completed:

**Gallinas River (Las Vegas Diversion to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_00	24.21	20.6.4.215	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits  
 Aluminum - acute

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Pasture grazing - Riparian and/or Upland  
 Off-farm Animal Holding/Management Area  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Gallinas River (San Augustin to Las Vegas Diversion)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2213_21	16.44	20.6.4.216	2	6	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Unknown toxicity  
Total Ammonia  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Municipal Point Sources  
Land Disposal  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Flow Regulation/Modification  
Channelization  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate

TMDL (s) Completed:

**Holy Ghost Creek (Pecos River to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_020	6.92	20.6.4.217	0	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Pecos River (Alamitos Canyon to Willow Creek)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_002	16.17	20.6.4.217	2	2	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Road/ Parking lot runoff
- Resource Extraction
- Removal of Riparian Vegetation
- Mine Tailings
- Mill Tailings
- Land Disposal
- Land Development
- Highway/Road/Bridge Construction
- Highway Maintenance and Runoff
- Hazardous Waste
- Habitat Modification (other than Hydromodification)
- Construction
- Bank or Shoreline Modification/Destabilization

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Pecos River (Canon del Oso to Alamitos Canyon)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2213_00	66.54	20.6.4.216	2	6	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Municipal Point Sources
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Pecos River (Sumner Reservoir to Canon del Oso)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2211.A_00	102.79	20.6.4.211	1	5	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Hydromodification  
Grazing related Sources  
Flow Regulation/Modification  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Rio Mora (Pecos River to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_040	17.95	20.6.4.217	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Santa Rosa Reservoir**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2211.B_00	1500	20.6.4.211	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
Nutrients  
Fish guidelines

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Road/ Parking lot runoff  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Atmospheric Deposition  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Sumner Reservoir**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2210_00	4277.79	20.6.4.210	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
Nutrients  
Nuisance algae  
Fish guidelines

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Atmospheric Deposition  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Tecolote Creek (Perennial reaches Pecos R to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_10	26.4	20.6.4.215	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits  
 Conductivity

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Onsite Wastewater Systems (Septic Tanks)  
 Land Disposal  
 Land Development  
 Highway Maintenance and Runoff  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Construction  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

**Willow Creek (Pecos River to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_030	5.76	20.6.4.217	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Conductivity

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Resource Extraction  
Removal of Riparian Vegetation  
Mine Tailings  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Wright Canyon Creek (Tecolote Creek to headwaters)**

Pecos Headwaters

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_18	2.05	20.6.4.215	0	6	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Grazing related Sources  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Alto Lake**

Rio Hondo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2209.B_30	11.16	20.6.4.209	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

- fish culture
- high quality coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Copper - acute

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Pesticide application (cooper sulfate)

**Magnitude:**

Moderate

TMDL (s) Completed:

**Rio Bonito (Rio Ruidoso to Angus Canyon)**

Rio Hondo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_10	33.63	20.6.4.208	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

- irrigation
- coldwater fishery

**Attainment status:**

- Partially supporting
- Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Hydromodification
- Highway Maintenance and Runoff
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Flow Regulation/Modification
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Rio Hondo (Perennial reaches Pecos R to Rio Ruidoso)**

Rio Hondo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_30	8	20.6.4.208	0	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

**Rio Ruidoso (Rio Bonito to Seeping Springs Lake)**

Rio Hondo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_20	19.63	20.6.4.208	1	2	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

Plant Nutrients

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Municipal Point Sources

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Bank or Shoreline Modification/Destabilization

Agriculture

**Magnitude:**

Moderate

TMDL (s) Completed:

**Rio Ruidoso (Seeping Springs Lakes to Mescalero Apache bnd)**

Rio Hondo

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2209.A_20	12.4	20.6.4.209	1	2	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
 Temperature  
 Stream Bottom Deposits

**Magnitude:**

Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Recreation and Tourism Activities (other than Boating - see 7900)  
 Range grazing - Riparian and/or Upland  
 Onsite Wastewater Systems (Septic Tanks)  
 Land Disposal  
 Land Development  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Construction  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate

**TMDL (s) Completed:**

HUC: 13060010

Rio Penasco

Rio Peñasco (HWY 24 to headwaters)

Rio Penasco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_00	45.7	20.6.4.208	1	2	31-Dec-17	No

Impaired Designated Use (s):

coldwater fishery

Attainment status:

Partially supporting

Assessment information:

Probable Causes of Impairment:

Stream Bottom Deposits

Magnitude:

Moderate

Probable Sources of Impairment:

Removal of Riparian Vegetation

Moderate

Range grazing - Riparian and/or Upland

Moderate

Highway Maintenance and Runoff

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

TMDL (s) Completed:

Rio Peñasco (Pecos River to HWY 24)

Rio Penasco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2206.A_10	63.7	20.6.4.206	0	2	31-Dec-17	No

Impaired Designated Use (s):

warmwater fishery

Attainment status:

Partially supporting

Assessment information:

Probable Causes of Impairment:

Stream Bottom Deposits

Magnitude:

Moderate

Probable Sources of Impairment:

Removal of Riparian Vegetation

Moderate

Range grazing - Riparian and/or Upland

Moderate

Highway Maintenance and Runoff

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

TMDL (s) Completed:

HUC: 13060011

Upper Pecos-Black

Avalon Reservoir

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2204.B_00	497.7	20.6.4.204	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Magnitude:**

Moderate

Moderate

TMDL (s) Completed:

Black River (Pecos River to TX border)

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2202.A_10	16.9	20.6.4.202	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

**Brantley Reservoir**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2205_00	3058.67	20.6.4.205	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Magnitude:**

Moderate

Moderate

TMDL (s) Completed:

**Laguna Gatuna**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_055	294.76	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

wildlife habitat

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

TMDL (s) Completed:

**Laguna Quatro**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_059	150	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

TMDL (s) Completed:

**Laguna Tres**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_061	430	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Petroleum Activities  
Industrial Point Sources

**Magnitude:**

Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Laguna Uno**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_066	600	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat  
livestock watering

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Industrial Point Sources

**Magnitude:**

Moderate

**TMDL (s) Completed:**

**Laguna Walden**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_062	50	unclassified	0			No

**Impaired Designated Use (s):**

livestock watering

**Attainment status:**

Not attainable

**Assessment information:**

**TMDL (s) Completed:**

**Pecos River (Black River to Tansil Lake)**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2202.A_00	19.18	20.6.4.202	1	6	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Source Unknown
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Municipal Point Sources
- Irrigated Crop Production
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Pecos River (TX border to Black River)**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2201_00	30.18	20.6.4.201	1	8	31-Dec-17	No

**Impaired Designated Use (s):**

- warmwater fishery
- irrigation
- livestock watering

**Attainment status:**

- Not supporting
- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Stream Bottom Deposits
- Biological criteria

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Natural Sources
- Irrigated Crop Production
- Hydromodification
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Flow Regulation/Modification
- Crop-related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**Sitting Bull Creek (Lost Chance Canyon to Sitting Bull Spr)**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_007	3	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery  
secondary contact

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits  
Plant Nutrients  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Tansil Lake (Carlsbad Municipal Lake)**

Upper Pecos-Black

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2203.B_00	29.02	20.6.4.203	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Atmospheric Deposition

**Magnitude:**

Moderate  
Moderate

TMDL (s) Completed:

---

**Williams Sink (Eddy)**

Upper Pecos-Black

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_109	210.21	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Salinity/TDS/chlorides

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Surface Mining

Salt Storage Sites

Resource Extraction

Mill Tailings

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:**

**Navajo Reservoir**

Upper San Juan

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2406_00	13151.19	20.6.4.406	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

- coldwater fishery
- warmwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Fish guidelines

**Magnitude:**

- Moderate

**Probable Sources of Impairment:**

- Source Unknown
- Atmospheric Deposition

**Magnitude:**

- Moderate
- Moderate

TMDL (s) Completed:

**San Juan River (Animas River to Cañon Largo)**

Upper San Juan

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2401_00	21.44	20.6.4.401	3	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

- warmwater fishery
- marginal coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Stream Bottom Deposits
- Fecal Coliform

**Magnitude:**

- Moderate
- Moderate

**Probable Sources of Impairment:**

- Urban Runoff/Storm Sewers
- Resource Extraction
- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Petroleum Activities
- Irrigated Crop Production
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Crop-related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

TMDL (s) Completed:

**San Juan River (Cañon Largo to Navajo Reservoir)**

Upper San Juan

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2405_10	19.53	20.6.4.405	0	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Petroleum Activities  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Animas River (Estes Arroyo to CO border)**

Animas

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2404_00	19.6	20.6.4.404	0	4	31-Dec-04	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Moderate

Resource Extraction

Moderate

Removal of Riparian Vegetation

Moderate

Range grazing - Riparian and/or Upland

Moderate

Petroleum Activities

Moderate

Irrigated Crop Production

Moderate

Hydromodification

Moderate

Habitat Modification (other than Hydromodification)

Moderate

Grazing related Sources

Moderate

Crop-related Sources

Moderate

Channelization

Moderate

Bank or Shoreline Modification/Destabilization

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

**Animas River (San Juan River to Estes Arroyo)**

Animas

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2403.A_00	16.92	20.6.4.403	3	6	31-Dec-04	No

**Impaired Designated Use (s):**

warmwater fishery  
marginal coldwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers  
Source Unknown  
Resource Extraction  
Removal of Riparian Vegetation  
Petroleum Activities  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Channelization  
Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

**Lake Farmington (Beeline Reservoir)**

Animas

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_006	198	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Fish guidelines

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Magnitude:**

Moderate

TMDL (s) Completed:

**La Plata River (San Juan River to CO border)**

Middle San Juan

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2402.A_00	25.33	20.6.4.402	1	6	31-Dec-04	No

**Impaired Designated Use (s):**

marginal coldwater fishery  
 limited warmwater fishery

**Attainment status:**

Partially supporting  
 Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
 Range grazing - Riparian and/or Upland  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

**TMDL (s) Completed:**

**San Juan River (Navajo bnd at Hogback to Animas River)**

Middle San Juan

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2401_10	32.27	20.6.4.401	6	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

marginal coldwater fishery  
warmwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Petroleum Activities  
Irrigated Crop Production  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture  
Abandoned mining

**Magnitude:**

Moderate  
Moderate

**TMDL (s) Completed:**

Quemado Lake

Carrizo Wash

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_096	111.89	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Siltation  
 Nutrients  
 Nuisance algae

**Magnitude:**

Moderate  
 Moderate  
 Moderate

**Probable Sources of Impairment:**

Silviculture  
 Removal of Riparian Vegetation  
 Recreation and Tourism Activities (other than Boating - see 7900)  
 Range grazing - Riparian and/or Upland  
 Natural Sources  
 Harvesting, Restoration, Residue Management  
 Habitat Modification (other than Hydromodification)  
 Grazing related Sources  
 Bank or Shoreline Modification/Destabilization  
 Agriculture

**Magnitude:**

Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate  
 Moderate

TMDL (s) Completed:

---

**HUC: 15020004****Zuni**

---

**McGaffey Lake**

Zuni

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_083	10.94	unclassified	0	8	31-Dec-17	No

**Impaired Designated Use (s):**warmwater fishery  
coldwater fishery**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**Siltation  
pH  
Nutrients  
Nuisance algae**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Road/ Parking lot runoff  
Removal of Riparian Vegetation  
Natural Sources  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

---

**Rio Nutria (Zuni Pueblo bnd to headwaters)**

Zuni

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_029	11.8	unclassified	0	5	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Magnitude:**

Moderate

TMDL (s) Completed:

HUC: 15040001

Upper Gila

**Black Canyon Creek (East Fork Gila River to headwaters)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_21	25.21	20.6.4.503	0	4	31-Dec-01	No

**Impaired Designated Use (s):**  
high quality coldwater fishery

**Attainment status:**  
Not supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Temperature

**Magnitude:**  
Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Off-road vehicles
- Natural Sources
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Forest Management (fire suppression)
- Agriculture

- Magnitude:**
- Moderate

**TMDL (s) Completed:** TMDL for temperature

**Canyon Creek (Middle Fork Gila River to headwaters)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_43	14.25	20.6.4.503	0	4	31-Dec-01	No

**Impaired Designated Use (s):**  
high quality coldwater fishery

**Attainment status:**  
Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**  
Turbidity  
Plant Nutrients

**Magnitude:**  
Moderate  
Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Range grazing - Riparian and/or Upland
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

- Magnitude:**
- Moderate
- Moderate
- Moderate
- Moderate
- Moderate

**TMDL (s) Completed:** TMDL turbidity and plant nutrients

**Gila River (East Fork)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_20	26.24	20.6.4.503	0	1	31-Dec-01	spikedace; loach minnow; Gila trout

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

**Magnitude:**

Moderate

Range grazing - Riparian and/or Upland

Moderate

Off-road vehicles

Moderate

Natural Sources

Moderate

Grazing related Sources

Moderate

Forest Management (fire suppression)

Moderate

Agriculture

Moderate

**TMDL (s) Completed:** TMDL AI chronic

**Gila River (Middle Fork)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_40	36.64	20.6.4.503	0	1	31-Dec-06 Proposed	spikedace

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

**Magnitude:**

Moderate

Natural Sources

Moderate

Forest Management (fire suppression)

Moderate

**TMDL (s) Completed:**

**Gila River (West Fork below Gila Cliff Dwellings)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_10	4.88	20.6.4.503	0	1	31-Dec-06 Proposed	spikedace; loach minnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Off-road vehicles

Natural Sources

Forest Management (fire suppression)

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Gilita Creek (Middle Fork to Willow Creek)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_45	6.28	20.6.4.503	0	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Off-road vehicles

Natural Sources

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

TMDL (s) Completed:

**Lake Roberts**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_20	68.37	20.6.4.504	0	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature  
pH  
Nutrients

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
Recreation and Tourism Activities (other than Boating - see 7900)  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate

**TMDL (s) Completed:**

**Mogollon Creek (Perennial reaches abv USGS gage)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_02	29.49	20.6.4.503	0	1	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Range grazing - Riparian and/or Upland  
Off-road vehicles  
Mill Tailings  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (fire suppression)  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate

**TMDL (s) Completed:** TMDL Al chronic

**Sapillo Creek (Gila River to Lake Roberts)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_04	11.88	20.6.4.503	0	4	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Upstream impoundments
- Removal of Riparian Vegetation
- Off-road vehicles
- Highway Maintenance and Runoff
- Habitat Modification (other than Hydromodification)
- Forest Management (fire suppression)
- Bank or Shoreline Modification/Destabilization

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL turbidity and TOC; de-list letter for biological impairment

**Taylor Creek (Beaver Creek to Wall Lake)**

Upper Gila

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_23	2.63	20.6.4.503	0	3	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

- Turbidity
- Temperature
- Aluminum - chronic

**Magnitude:**

- Moderate
- Moderate
- Moderate

**Probable Sources of Impairment:**

- Upstream impoundments
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Off-road vehicles
- Grazing related Sources
- Forest Management (fire suppression)
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL temperature and Al chronic

---

**Taylor Creek (Perennial reaches abv Wall Lake)**

Upper Gila

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_24	19.8	20.6.4.503	0	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Temperature  
Aluminum - chronic  
Aluminum - acute**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Range grazing - Riparian and/or Upland  
Natural Sources  
Grazing related Sources  
Forest Management (fire suppression)  
Agriculture**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate

TMDL (s) Completed:

---

**Turkey Creek (Gila River to headwaters)**

Upper Gila

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_03	16.94	20.6.4.503	0	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Dissolved oxygen**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Natural Sources  
Forest Management (fire suppression)**Magnitude:**Moderate  
Moderate

TMDL (s) Completed:

---

**Wall Lake**

Upper Gila

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_10	14.33	20.6.4.504	0	8	31-Dec-17	No

---

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Siltation  
Nutrients  
Nuisance algae  
Dissolved oxygen**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (fire suppression)  
Bank or Shoreline Modification/Destabilization  
Agriculture**Magnitude:**Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate  
Moderate**TMDL (s) Completed:**

**Mangas Creek (Gila River to Mangas Springs)**

Upper Gila-Mangas

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2502.A_21	6.17	20.6.4.502	0	8	31-Dec-01	No

**Impaired Designated Use (s):**

- warmwater fishery
- marginal coldwater fishery

**Attainment status:**

- Not supporting
- Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

- Removal of Riparian Vegetation
- Recreation and Tourism Activities (other than Boating - see 7900)
- Range grazing - Riparian and/or Upland
- Onsite Wastewater Systems (Septic Tanks)
- Off-road vehicles
- Natural Sources
- Land Disposal
- Habitat Modification (other than Hydromodification)
- Grazing related Sources
- Bank or Shoreline Modification/Destabilization
- Agriculture

**Magnitude:**

- Moderate

**TMDL (s) Completed:** TMDL for plant nutrients

**HUC: 15040004****San Francisco****Centerfire Creek (San Francisco R to headwaters)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_50	16.12	20.6.4.603	0	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Plant Nutrients

pH

Conductivity

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Off-road vehicles

Natural Sources

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for plant nutrients and conductivity**Negrito Creek (South Fork)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_43	14.46	20.6.4.603	0	4	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for temperature

**Negrito Creek (Tularosa River to confl of N and S forks)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_42	12.41	20.6.4.603	0	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

**Magnitude:**

Moderate

Pasture grazing - Riparian and/or Upland

Moderate

Highway Maintenance and Runoff

Moderate

Grazing related Sources

Moderate

Forest Management (fire suppression)

Moderate

Agriculture

Moderate

**TMDL (s) Completed:**

**San Francisco River (Centerfire Creek to AZ border)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2602_20	14.91	20.6.4.602	0	4	31-Dec-01	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

Plant Nutrients

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

**Magnitude:**

Moderate

Natural Sources

Moderate

Grazing related Sources

Moderate

Forest Management (fire suppression)

Moderate

Agriculture

Moderate

**TMDL (s) Completed:** TMDL for temperature and plant nutrients

**Tularosa River (San Francisco R to Apache Creek)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_40	21.99	20.6.4.603	0	1	31-Dec-01	loach minnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Conductivity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Natural Sources

Highway Maintenance and Runoff

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for conductivity

**Whitewater Creek (San Francisco R to Whitewater Campgrd)**

San Francisco

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_10	6.9	20.6.4.603	0	3	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Channelization

Bank or Shoreline Modification/Destabilization

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**TMDL (s) Completed:** TMDL for turbidity

---

**Whitewater Creek (Whitewater Campgrd to headwaters)**

San Francisco

---

Segment ID:	Size (mi or ac):	WQS reference:	NPDES:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_12	14.17	20.6.4.603	0	4	31-Dec-06 Proposed	No

---

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Natural Sources

Forest Management (fire suppression)

**Magnitude:**

Moderate

Moderate

Moderate

**TMDL (s) Completed:**