



State of New Mexico
Water Quality Control Commission



**2010 – 2012
State of New Mexico
Clean Water Act
§303(d)/§305(b)
Integrated Report**

– Appendix A –

**List of Assessed
Surface Waters**



Prepared by:

New Mexico Environment Department
Surface Water Quality Bureau
1190 St. Francis Dr.
Santa Fe, NM 87505

www.nmenv.state.nm.us/swqb

Explanatory Notes for 2010-2012 Clean Water Act Integrated §303(d)/ §305(b) List of Assessed Surface Waters

I. What's New in 2010

A. Water Quality Standards (20.6.4 NMAC) update

This 2010-2012 Integrated List assessed attainment of the water quality standards (WQS) as amended by the New Mexico Water Quality Control Commission through August 1, 2007 (available at: <http://www.nmcpr.state.nm.us/nmac/parts/title20/20.006.0004.pdf>). Only EPA-approved standards are applicable for Clean Water Act (CWA) purposes such as the Integrated List. New Mexico's WQS have been approved by EPA with only a few exceptions. The table below lists the WQS sections that have not received EPA approval, the reasons EPA cited for non-approval, and the CWA applicable uses that were assessed to develop this list.

The Commission is considering proposals to remedy the problems identified by EPA during the pending triennial review of water quality standards to occur in December of 2009. EPA is not anticipated to approve changes to 20.6.4 NMAC as a result of the triennial review by April 1, 2010, therefore the WQS reference above are applicable to develop the 2010-2012 Integrated List.

WQS Segment Not Approved by EPA	EPA's Reason for Non-Approval	Impact on 2010 Integrated List ¹
20.6.4.97 Unclassified ² ephemeral waters	The limited aquatic life and secondary contact uses do not meet the CWA goal of water quality that "provides for the support and propagation of fish, shellfish and wildlife and recreation in and on the water." A use attainability analysis (UAA) must demonstrate that this goal cannot be attained before the assigned uses can be applied.	The Integrated List does not contain any "WQS Reference" of 20.6.4.97. Instead, the assigned "WQS Reference" for all unclassified nonperennial waters is noted as 20.6.4.98 . See 20.6.4.98 discussion below for additional details regarding applicable uses.
20.6.4.98 Unclassified intermittent waters	The general "aquatic life" use does not provide sufficient protection, and the secondary contact use cannot be assigned without a UAA.	Applicable Uses noted on the Integrated List for all waters with a "WQS Reference" of 20.6.4.98 include at a minimum livestock watering, wildlife habitat, aquatic life, marginal warmwater aquatic life, and primary contact.

¹ Except as noted, see 20.6.4.900 NMAC for applicable criteria.

² Unclassified waters are not included in a classified WQS segment, 20.6.4.101-899 NMAC.

WQS Segment Not Approved by EPA	EPA's Reason for Non-Approval	Impact on 2010 Integrated List ¹
<p>20.6.4.99 Unclassified perennial waters</p>	<p>The general "aquatic life" use does not provide sufficient protection, and the "secondary contact" use cannot be assigned without a UAA.</p>	<p>Applicable Uses noted on the Integrated List for all waters with a "WQS Reference" of 20.6.4.99 include at a minimum livestock watering, wildlife habitat, aquatic life, warmwater aquatic life, and primary contact.</p>
<p>20.6.4.221 Pecos Arroyo</p>	<p>The secondary contact use cannot be assigned to this previously unclassified water without a UAA.</p>	<p>The associated contact use on the Integrated List for "WQS Reference" 20.6.4.221 is noted as primary contact.</p>
<p>20.6.4.310 Perennial reaches of Corrupa Creek</p>	<p>Corrupa Creek was moved from 20.6.4.701 which included the irrigation and coldwater aquatic life uses and assigned primary contact criteria. The less protective uses of warmwater aquatic life and secondary contact cannot be assigned nor can the irrigation use be removed without a UAA.</p>	<p>The noted "WQS Reference" on the Integrated List is 20.6.4.701. See 20.6.4.701 discussion below for additional details regarding applicable uses.</p>
<p>20.6.4.310 Perennial reaches of tributaries of the Canadian river north of U.S. highway 54/66 and east and northeast of the Ute creek drainage.</p>	<p>The secondary contact use cannot be assigned to these previously unclassified waters without a UAA.</p>	<p>The noted "WQS Reference" on the Integrated List for this group of unclassified waterbodies is 20.6.4.99. See 20.6.4.99 discussion above for additional details regarding applicable uses.</p>
<p>20.6.4.701 Perennial portions of the Dry Cimarron river above Oak creek and perennial reaches of Oak creek.</p>	<p>The coldwater aquatic life use previously applicable to this segment cannot be changed to the marginal coldwater aquatic life use without a UAA.</p>	<p>Applicable Uses noted on the Integrated List for all waters with a "WQS Reference" of 20.6.4.20.6.4.701 include at a minimum livestock watering, wildlife habitat, irrigation, coldwater aquatic life (with a temperature of 25° or less) and secondary contact (with primary contact criteria of monthly geometric mean of E. coli bacteria 126 cfu/100 mL or less; single sample 235 cfu/100 mL or less).</p>
<p>20.6.4.702 Perennial portions of the Dry Cimarron river below Oak creek, and perennial portions of Long canyon and Carrizozo creeks.</p>	<p>This segment was previously included in 20.6.4.701. The less protective uses of warmwater aquatic life cannot be assigned without a UAA.</p>	<p>The noted "WQS Reference" on the Integrated List is 20.6.4.701. See 20.6.4.701 discussion below for additional details regarding applicable uses.</p>

B. Pajarito Plateau special study / assessment notes

The NMED Surface Water Quality Bureau (SWQB) conducted a special study of the Pajarito Plateau in 2006 and 2007. This was primarily a stormwater study performed with assistance and cooperation from the NMED Department of Energy Oversight Bureau (DOE OB) and Los Alamos National Laboratory (LANL).

As discussed in detail in Section A above, streams on the Pajarito Plateau which are likely ephemeral and fall outside of the LANL boundary -- previously noted as 20.6.4.97 on the 2006 Integrated List-- were listed and assessed under 20.6.4.98 for the 2010 Integrated List. As with the rest of the 2010 Integrated List, marginal WWAL will be a presumed use for these waters noted as 20.6.4.98. In practical terms, this means:

- a. Both chronic and acute AL criteria were assessed (see Section 3.1.2.1 of the 2010 Assessment Protocols for additional information regarding the assessment of chronic AL)
- b. pH, temp, and DO data were assessed when available

To prepare the Pajarito Plateau assessment dataset, all available 2004 – 2008 surface water quality data from “watershed” stations were collated. This dataset includes data collected by SWQB during the special study mentioned above, NMED DOE OB, and LANL. Data were labeled as “watershed” based on the characteristics of the station location. For the purposes of assessment for the 2010 integrated list, watershed stations are those sites located on a natural watercourse. This was determined based the sampling location having a clearly defined upstream surface water course drainage pattern when land surface topography is viewed on USGS 24K quad maps. All data labeled “watershed” were used for assessment purposes as these stations are in receiving waters. It is important to note sampling locations determined to be in “unassessed drainage” and therefore not used for assessment is not a determination that these waters are not surface waters of the state of New Mexico and/or the United States.

Available data from site monitoring area (SMA) sampling locations that are not directly on receiving waters were not used for assessment purposes. Available data from SMA sampling locations where the mainstem assessment unit and the SMA sampling location are one-in-the-same (ex: Acid Canyon E055.5 watershed gage) were used for assessment. This approach is reasonable because:

- If data from SMA sampling locations exceed target action levels stated in the applicable NPDES permit(s) for a particular parameter (which is the WQ criterion because there is no dilution factor), technology-based best management practices (BMPs) necessary to reduce pollutants will be enhanced as needed through the NPDES process.
- If data from the receiving mainstem assessment unit indicates impairment for a particular parameter, the potential contributions from any SMA, unassessed drainage, or other potential source will be discussed in the TMDL and allotted some form of WLA when possible.

The assessed data including data flags and other information can be accessed at <http://www.nmenv.state.nm.us/swqb/303d-305b/2010-2012/index.html>. Although the next survey date is noted as 2017 for these waters on the Integrated List, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected by LANL and NMED DOE OB.

Several of NMED's water quality monitoring stations were co-located at LANL gaging stations and set to automatically sample during storm events. Therefore, there are some instances when storm water from the same storm event were collected and analyzed by both NMED and LANL, albeit from different points on the storm hydrograph. Examples include data from LANL ISCOs and NMED ISCOs, or LANL ISCOs and NMED Environmental Liquid Sampler (ELS) single stage sampling devices. Data were considered to be collected from the same storm event when the recorded sample time is generally within sixty minutes. LANL does not correct for daylight savings time, whereas NMED does. LANL and NMED also may be using different analytical methods. In these cases, the following assessment rules were used for the development of the 2010-2012 Integrated List:

1. Adjusted gross alpha

- Gross alpha data from all sources was used for assessment and when possible was corrected for special nuclear and by-product material as defined by the Atomic Energy Act of 1954. If there was no data on special nuclear materials for a given sample there was no gross alpha adjustment.
- If both alpha and gamma spectroscopy data was available for special nuclear materials, alpha spectroscopy data, due to greater precision/lower detection limits, was used for gross alpha adjustments.
- Adjusted gross alpha was noted as a non-detect if gross alpha minus available special nuclear materials data resulted in a negative value
- SWQB gross alpha values were not corrected with LANL's data for special nuclear materials since the data were likely collected at different times on the storm hydrograph
- When using LANL data with corresponding uranium data vs. U-mass, the uranium value was simply subtracted out vs. performing the U-mass/pCi correction in the Assessment Protocol which was written to handle SLD data.

2. PCBs

- NMED uses the congener method (EPA 1668A) to determine Total PCB concentration because this method has a detection limit that is below New Mexico's associated water quality criteria for Total PCBs. In contrast, LANL generally uses the Arochlor method (EPA 608) which has a detection limit above the PCB water quality criteria. Consequently, LANL's Arochlor results that were above detection were used for assessment purposes, where as results reported as "below detection" contain no information about the concentration relative to the applicable water quality criterion and were therefore not used for assessment purposes. See section 2.1.8 of the 2010 Assessment Protocols for additional details.

3. Other parameters

- If the same or comparable analytical methods were used to analyze both LANL and NMED samples from the same storm event, the result with the higher concentration was used for assessment purposes to be conservative in protecting water quality.

4. Hardness dependent metals criteria

- To determine the applicable hardness-dependent metals criteria for acute aquatic life assessments, a hardness value of 30 mg/L as CaCO₃ was used (see table below). This value was based on the geometric mean of nearly 455 stormwater hardness values collected during 2004-2007 from receiving waters (i.e. streams). This dataset is available upon request. This value has also been used by EPA to set concentration limits for the stormwater LANL permit.

Calculation Based on Reported Hardness Value		
Reported Hardness as CaCO ₃ , mg/L		30
Acute Criteria, Dissolved, ug/L	Silver	0.4
	Cadmium	0.6
	Chromium	210
	Copper	4.3
	Lead	17.0
	Nickel	170
	Zinc	42

- To determine the applicable hardness-dependent metals criteria for chronic aquatic life assessments, a hardness value of 62 mg/L as CaCO₃ was used (see table below). This value was based on the geometric mean of nearly 245 hardness values collected during baseflow, ambient, or snowmelt conditions during 2004-2007 from receiving waters (i.e. streams).

Calculation Based on Reported Hardness Value		
Reported Hardness as CaCO ₃ , mg/L		62
Chronic Criteria, Dissolved, ug/L	Cadmium	0.18
	Chromium	50
	Copper	6.0
	Lead	1.5
	Nickel	35.0
	Zinc	79

C. New approach to Probable Sources

The approach for identifying “Probable Sources of Impairment” on the Integrated List has been modified. During development of draft Integrated List, any new “Probable Cause of

Impairment” will be assigned a Probable Source of “Source Unknown.” Site Condition/Probable Source Sheets will continue to be filled out during rotational watershed surveys and watershed restoration activities by SWQB staff. Probable Sources noted on most recent Site Condition/Probable Source Sheets, as well as common sources for the particular impaired parameter, will now be used to generate draft Probable Source list in subsequent TMDL planning documents. These draft Probable Source lists will be finalized with watershed group/stakeholder input during the draft TMDL meeting and public comment period. The final Probable Source list in the approved TMDL will be used to update the subsequent draft Integrated List. See also below “Note to the reviewer regarding water quantity related probable sources.”

II. List Integration and Format (starting with 2004 cycle)

Starting with the 2004 listing cycle, the State of New Mexico has prepared an Integrated §303(d)/ §305(b) list which includes designated use attainment status for all assessed surface waters in the state in accordance with USEPA Guidance (<http://www.epa.gov/owow/tmdl/2006IRG/>). Previous lists (2002 and earlier) only included the “303(d)” or impaired portion of the list. The new Integrated Listing methodology was built into the Assessment Protocols (<http://www.nmenv.state.nm.us/swqb/protocols/index.html>), which the SWQB utilizes to determine whether or not water quality standards are attained based on recent data.

An important concept in the Integrated List format is the “Integrated Report Category” or “IR Category.” The determination of individual designated use support is combined to determine the overall water quality standard attainment category for each assessment unit (AU) (i.e., stream/river reach, lake, or reservoir). The specific IR Categories for New Mexico are described in the below Useful Definitions section. They are also discussed in detail in the Assessment Protocols referenced above.

The list of assessments units that are labeled as Category 5A, 5B, or 5C on the draft list is equivalent to the State of New Mexico §303(d) list and are individually detailed in the Record of Decision (ROD). A list of these Category 5 waters is included at the beginning of the draft Integrated List to assist with review. The ROD is a voluntary document used to track designated use attainment decisions. The ROD is not an official requirement of the Clean Water Act and is provided as supporting documentation for listing and de-listing rationale. Although waters in Category 4A, 4B, and 4C waters are also impaired, the EPA interprets Category 5 waters as meeting the requirements on regulation 130.7(a): “...water quality limited segments still requiring wasteload allocations, load allocations and total maximum daily loads...,” which is why only Category 5 waters constitute the §303(d) list from EPA’s perspective.

Also, the exact wording of “Probable Causes of Impairment” and “Probable Sources of Impairment” has changed a bit from previous years because EPA developed a standardized list for the nation that New Mexico is utilizing for the most part.

III. Organization of List and ROD

Similar to the previous list, the list and Record of Decision (ROD) are organized by watershed (8-digit HUC code). The following watersheds were studied and are reported on in this biennial listing cycle:

- Middle Rio Grande (new data review and comparison to previous assessment determinations)
- Gallinas River special study
- Chama River watershed partial study
- Gila and San Francisco Rivers (mainstem only)
- Pajarito Plateau special study
- Turbidity only assessments (all data collected from 2003-2008 not assessed during previous listing cycles)

The majority of impairment determinations outside of these watershed studies, with few individual exceptions, remain unchanged from the final 2008-2010 Integrated List.

If no new data were submitted by outside sources or collected by SWQB, then the listing were carried forward from the 2008-2010 list with a “**2010 ACTION: None**” notation in the ROD. All data collected during our 2009 intensive surveys were not available or reviewed for QA/QC purposes in time for development of this list. Conclusions from the 2009 intensive surveys and will be a focus of the 2012 listing cycle.

IV. Useful Definitions

INTEGRATED LIST FIELD HEADINGS AND CODES --

Assessment unit ID	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	The use attainment status for the given designated use
Cycle Last Assessed	This field generally notes the last Integrated Report Cycle when data for this particular watershed were assessed and reported.
Designated use(s)	Any designated uses specified 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 any documented existing uses that apply to the given assessment unit. Uses that are existing but not officially designated in NMAC are also listed here with a note in “Assessment Unit Comments.”

DO	The amount of dissolved oxygen in the water; usually reported in mg/L.
E. coli	Escherichia coli
FS	Full Support or Fully Supporting
HUC	8-digit Hydrologic Unit Codes (HUC) that identify various watersheds. The US Geologic Survey defines these codes and associated watershed names.
IR (Integrated Report) Category	Overall water quality standards attainment category for each assessment unit as determined by combining individual designated use support decisions. The unique assessment categories for New Mexico are described as follows as follows:
IR Category 1	Attaining the water quality standards for all designated and existing uses. AUs are listed in this category if there are data and information that meet all requirements of the assessment and listing methodology and support a determination that the water quality criteria are attained.
IR Category 2	Attaining some of the designated or existing uses based on numeric and narrative parameters that were tested, and no reliable monitored data is available to determine if the remaining uses are attained or threatened. AUs are listed in this category if there are data and information that meet requirements of the assessment and listing methodology to support a determination that some, but not all, uses are attained based on numeric and narrative water quality criteria that were tested. Attainment status of the remaining uses is unknown because there is no reliable monitored data with which to make a determination.
IR Category 3	No reliable monitored data and/or information to determine if any designated or existing use is attained. AUs are listed in this category where data to support an attainment determination for any use are not available, consistent with requirements of the assessment and listing methodology.
IR Category 4A	Impaired for one or more designated uses, but does not require development of a TMDL because TMDL has been completed. AUs are listed in this subcategory once all TMDL(s) have been developed and approved by USEPA that, when implemented, are expected to result in full attainment of the standard. Where more than one pollutant is associated with the impairment of an AU, the AU remains in Category 5A (see below) until all TMDLs for each pollutant have been completed and approved by USEPA.
IR Category 4B	Impaired for one or more designated uses, but does not require development of a TMDL because other pollution control requirements are reasonably expected to result in attainment of the water quality standard in the near future. Consistent with the regulation under 40 CFR 130.7(b)(i),(ii), and (iii), AUs are listed in this subcategory where other

pollution control requirements required by local, state, or federal authority are stringent enough to implement any water quality standard (WQS) applicable to such waters.

IR Category 4C

Impaired for one or more designated uses, but does not require development of a TMDL because impairment is not caused by a pollutant. AUs are listed in this subcategory if a pollutant does not cause the impairment. For example, USEPA considers flow alteration to be “pollution” vs. a “pollutant.”

IR Category 5/5A

Impaired for one or more designated or existing uses and a TMDL is underway or scheduled. AUs are listed in this category if the AU is impaired for one or more designated uses by a pollutant. Where more than one pollutant is associated with the impairment of a single AU, the AU remains in Category 5A until TMDLs for all pollutants have been completed and approved by USEPA.

IR Category 5/5B

Impaired for one or more designated or existing uses and a review of the water quality standard will be conducted. AUs are listed in this category when it is possible that water quality standards are not being met because one or more current designated use is inappropriate. After a review of the water quality standard is conducted, a Use Attainability Analysis (UAA) will be developed and submitted to USEPA for consideration, or the AU will be moved to Category 5A and a TMDL will be scheduled.

IR Category 5/5C

Impaired for one or more designated or existing uses and Additional data will be collected before a TMDL is scheduled. AUs are listed in this category if there is not enough data to determine the pollutant of concern or there is not adequate data to develop a TMDL. For example, AUs with biological impairment will be listed in this category until further research can determine the particular pollutant(s) of concern. When the pollutant(s) are determined, the AU will be moved to Category 5A and a TMDL will be scheduled. If it is determined that the current designated uses are inappropriate, it will be moved to Category 5B and a UAA will be developed. If it is determined that “pollution” is causing the impairment (vs. a “pollutant”), the AU will be moved to Category 4C.

Monitoring Schedule

These proposed dates are primarily based on a revised 8-year SWQB rotational watershed monitoring schedule that is still under development. This date, as well as the “TMDL Schedule” date, is dependent upon personnel, financial, and laboratory resources which change on an annual basis.

NPDES

National Pollutant Discharge Elimination System. “Individual Active NPDES Permit” information towards the bottom of each entry is provided to alert users of the 303(d) list that there are active NPDES discharge permits in the watershed of the given assessment unit. The expanded information includes Permit Number and Permit Facility Name. This information is queried from the SWQB database that currently tracks Individual NPDES permits only (i.e., it does not include

General NPDES permits such as storm water permits). The NPDES query was restricted to include only Active permits. Some NPDES permittees discharge directly into the given assessment unit, while others discharge into tributaries of the given assessment unit.

NS	Non Support or Not Supporting
PCBs	Polychlorinated biphenyls; highly-persistent compounds that are fat soluble and accumulate in the food chain
Probable Cause(s)	Parameters and/or constituents that are causing non-attainment of the noted uses
Probable Source(s)	Probable sources that may be leading to non-attainment of the noted uses
SBD	Stream bottom deposits; water contaminants that settle and damage or impair the normal growth, function, or reproduction of aquatic life or significantly alter the physical or chemical properties of the bottom (NMAC 20.6.4.13). These listings are also referred to as Sedimentation/Siltation
Size	Streams and/or rivers = Miles, Lakes and/or playas = Acres
TDS	Total dissolved solids, also referred to as “total filterable residue”
TOC	Total organic carbon
TMDL	Total Maximum Daily Load
TMDL(s) schedule	These proposed dates are primarily based on a revised 8-year rotational monitoring schedule that is still under development, consent decree deadlines, date since last intensively surveyed, etc. If listed as Category 5A, this is the proposed year of TMDL completion. If 5B or 5C, new data should be collected by this date. At that point, either a TMDL should be developed, or the category changed accordingly. This date, as well as the “Monitoring Schedule” date, is dependent upon personnel and financial resources which change on an annual basis.
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

V. Abbreviations in Assessment Unit Names

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

abv	=	above
AZ	=	Arizona
blw	=	below
bnd	=	boundary
Campgrd	=	Campground
Ck	=	Creek
CO	=	Colorado
confl	=	confluence
Div	=	Diversion
E	=	East
Fk	=	Fork
HWY	=	Highway
LANL	=	Los Alamos National Laboratory
mgd	=	million gallons per day
M	=	Middle
NM	=	New Mexico
N	=	North
nr	=	near
OK	=	Oklahoma
Prt	=	Portion
R	=	River or Rio
Rsvr	=	Reservoir
S	=	South
Spr	=	Spring
TX	=	Texas
VCNP	=	Valles Caldera National Preserve
USFS	=	United States Forest Service
W	=	West

Note to the reviewer regarding water quantity related probable sources:

The federal Environmental Protection Agency has included the probable sources of “flow alterations from water diversions” and “drought-related impacts” in its 2004 database update.

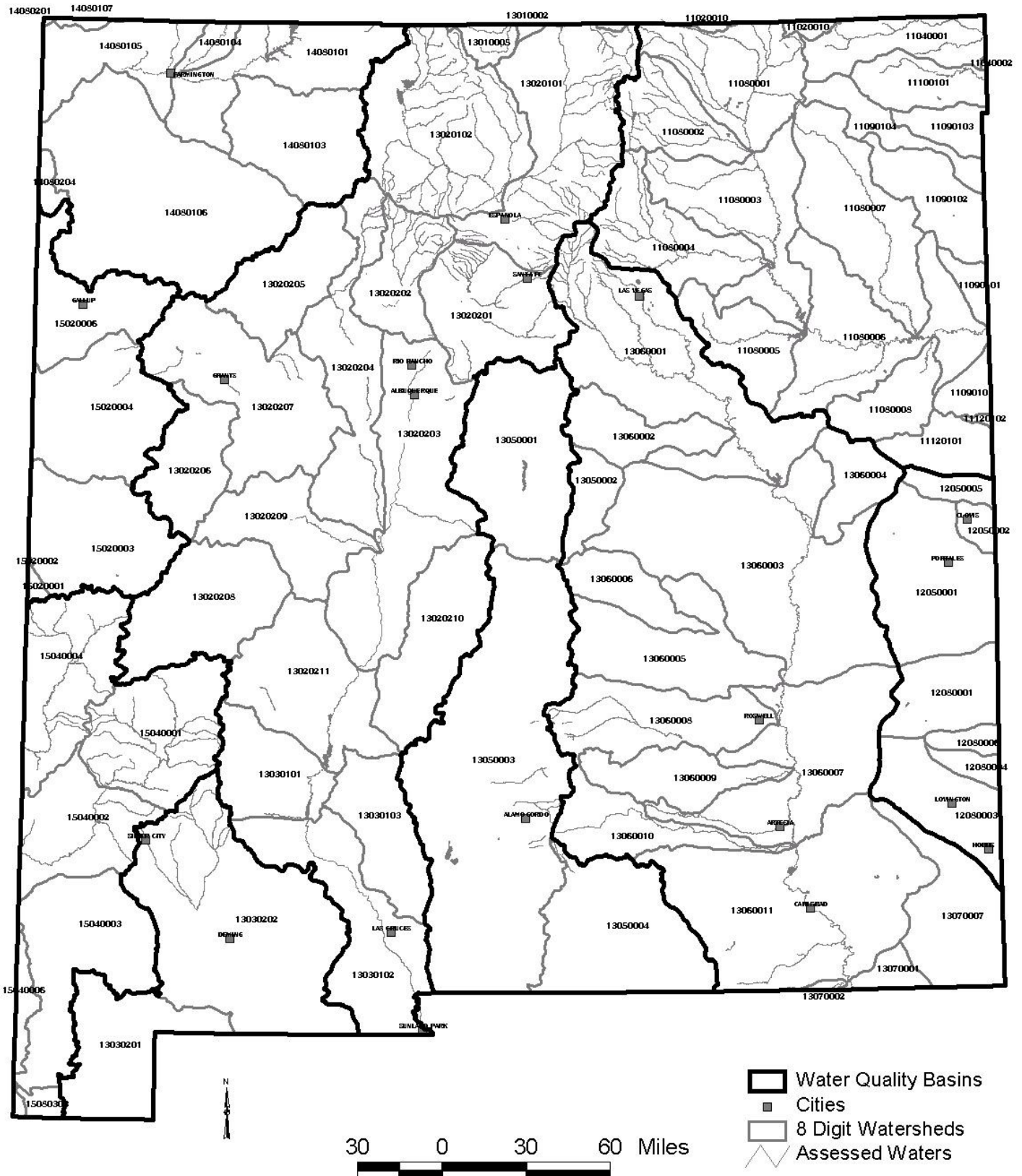
The probable source of “flow alterations from water diversions” is applicable to any assessment unit for which water diversion has altered flow volume in a manner that could contribute to water quality impairment. This probable source is intended to acknowledge the link between water quality and water quantity. However, it should not be construed to impact water rights in New Mexico. The Clean Water Act and the New Mexico Water Quality Act contain limitations regarding the impact of water quality decisions on water rights as follows:

CWA 33 U.S.C. §1251 (g): “It is the policy of Congress that the authority of each State to allocate quantities of water within its jurisdiction shall not be superseded, abrogated or otherwise impaired by this chapter. It is further the policy of Congress that nothing in this chapter shall be construed to supersede or abrogate rights to quantities of water which have been established by any State. Federal agencies shall co-operate with State and local agencies to develop comprehensive solutions to prevent, reduce and eliminate pollution in concert with programs for managing water resources.”

NMSA 1978 §74-6-12.A (1999): “The Water Quality Act does not grant to the commission or to any other entity the power to take away or modify the property rights in water, nor is it the intention of the Water Quality Act to take away or modify such rights.”

The probable source of “drought-related impacts” is applicable to any assessment unit for which drought has altered flow volume in a manner that could contribute to water quality impairment. This probable cause is intended to acknowledge that long term, relatively dry weather patterns may reduce the quantity of water and contribute to water quality impairment.

USGS 8 Digit Hydrologic Unit Codes (HUCs)



USGS 8-digit Hydrologic Unit Codes (HUCs) in New Mexico

Hydrologic Unit Codes	Watershed Name
11020010	Purgatoire
11040001	Cimarron Headwaters
11040002	Upper Cimarron
11080001	Canadian Headwaters
11080002	Cimarron
11080003	Upper Canadian
11080004	Mora
11080005	Conchas
11080006	Upper Canadian-Ute Reservoir
11080007	Ute
11080008	Revuelto
11090101	Middle Canadian-Trujillo
11090102	Punta de Agua
11090103	Rita Blanca
11090104	Carrizo
11100101	Upper Beaver
11120101	Tierra Blanca
11120102	Palo Duro
12050001	Yellow House Draw
12050002	Blackwater Draw
12050005	Running Water Draw
12080001	Lost Draw
12080003	Monument-Seminole Draws
12080004	Mustang Draw
12080006	Sulphur Springs Draw
13010002	Alamosa-Trinchera
13010005	Conejos
13020101	Upper Rio Grande
13020102	Rio Chama
13020201	Rio Grande-Santa Fe
13020202	Jemez
13020203	Rio Grande-Albuquerque
13020204	Rio Puerco
13020205	Arroyo Chico
13020206	North Plains
13020207	Rio San Jose
13020208	Plains of San Agustin
13020209	Rio Salado
13020210	Jornada del Muerto
13020211	Elephant Butte Reservoir
13030101	Caballo
13030102	El Paso-Las Cruces
13030103	Jornada Draw

USGS 8-digit Hydrologic Unit Codes (HUCs) in New Mexico (cont.)

Hydrologic Unit Codes	Watershed Name
13030201	Playas Lake
13030202	Mimbres
13050001	Western Estancia
13050002	Eastern Estancia
13050003	Tularosa Valley
13050004	Salt Basin
13060001	Pecos Headwaters
13060002	Pintada Arroyo
13060003	Upper Pecos
13060004	Taiban
13060005	Arroyo Del Macho
13060006	Gallo Arroyo
13060007	Upper Pecos-Long Arroyo
13060008	Rio Hondo
13060009	Rio Felix
13060010	Rio Penasco
13060011	Upper Pecos-Black
13070001	Lower Pecos-Red Bluff Reserv
13070002	Delaware
13070007	Landreth-Monument Draws
14080101	Upper San Juan
14080103	Blanco Canyon
14080104	Animas
14080105	Middle San Juan
14080106	Chaco
14080107	Mancos
14080201	Lower San Juan-Four Corners
14080204	Chinle
15020001	Little Colorado Headwaters
15020002	Upper Little Colorado
15020003	Carrizo Wash
15020004	Zuni
15020006	Upper Puerco
15040001	Upper Gila
15040002	Upper Gila-Mangas
15040003	Animas Valley
15040004	San Francisco
15040006	San Simon
15080302	San Bernardino Valley
15080303	Cloverdale

This page left intentionally blank.

303(d) List of Impaired Surface Waters

(Table of Contents of "Category 5" waters on the following Integrated 303(d)/305(b) List)

HUC: 11040001 **Cimarron Headwaters**
Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)
Long Canyon (Perennial reaches abv Dry Cimarron)

HUC: 11080001 **Canadian Headwaters**
Canadian River (Cimarron River to CO border)
Lake Maloya
Raton Creek (Chicorica Creek to headwaters)
Stubblefield Lake
Uña de Gato Creek (Chicorica Creek to HWY 64)
Uña de Gato Creek (HWY 64 to headwaters)
VanBremmer Creek (HWY 64 to headwaters)
Vermejo River (York Canyon to headwaters)
York Canyon (Vermejo River to headwaters)

HUC: 11080002 **Cimarron**
Cieneguilla Creek (Eagle Nest Lake to headwaters)
Cimarron River (Canadian River to Cimarron)
Cimarron River (Cimarron Village to Turkey Creek)
Cimarron River (Turkey Creek to Eagle Nest Lake)
Eagle Nest Lake
Greenwood Canyon (Middle Ponil to headwaters)
McCrystal Creek (North Ponil to headwaters)
Middle Ponil Creek (Greenwood Creek to headwaters)
Middle Ponil Creek (South Ponil to Greenwood Creek)
Moreno Creek (Eagle Nest Lake to headwaters)
North Ponil Creek (Seally Canyon to headwaters)
North Ponil Creek (South Ponil Creek to Seally Canyon)
Ponil Creek (Cimarron River to US 64)
Ponil Creek (US 64 to confl of North & South Ponil)
Rayado Creek (Cimarron River to Miami Lake Diversion)
Rayado Creek (Miami Lake Diversion to headwaters)
Sixmile Creek (Eagle Nest Lake to headwaters)
South Ponil Creek (Ponil Creek to Middle Ponil Creek)
Springer Lake
Ute Creek (Cimarron River to headwaters)

HUC: 11080003 **Upper Canadian**
Canadian River (Conchas River to Mora River)
Charette Lake (Lower)

HUC: 11080004 **Mora**
Morphy (Murphy) Lake

HUC: 11080005 **Conchas**
Conchas Reservoir

HUC: 11080006 **Upper Canadian-Ute Reserv**

Canadian River (Ute Reservoir to Conchas Reservoir)
Pajarito Creek (Ute Reservoir to headwaters)
Ute Reservoir

HUC: 11080008 **Revuelto**

Revuelto Creek (Canadian River to headwaters)

HUC: 11100101 **Upper Beaver**

Clayton Lake

HUC: 12050002 **Blackwater Draw**

Green Acres Lake

HUC: 13020101 **Upper Rio Grande**

Acid Canyon (Pueblo to headwaters)
Apache Canyon (Rio Fernando de Taos to headwaters)
DP Canyon (Los Alamos Canyon to LANL bnd)
Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)
Gold Creek (Comanche Creek to headwaters)
Goose Lake
Graduation Canyon (Pueblo Canyon to headwaters)
Grassy Creek (Comanche Creek to headwaters)
Guaje Canyon (San Ildefonso bnd to headwaters)
Holman Creek (Comanche Creek to headwaters)
LaBelle Creek (Comanche Creek to headwaters)
Los Alamos Canyon (DP Canyon to upper LANL bnd)
Los Alamos Canyon (NM-4 to DP Canyon)
Pueblo Canyon (Acid Canyon to headwaters)
Pueblo Canyon (Bayo WWTP to Acid Canyon)
Pueblo Canyon (Los Alamos Canyon to Bayo WWTP)
Red River (Placer Creek to headwaters)
Rio Chiquito (Picuris Pueblo bnd to headwaters)
Rio Chupadero (USFS bnd to headwaters)
Rio Fernando de Taos (Tienditas Creek to headwaters)
Rio Grande (Ohkay Owingeh bnd to Embudo Creek)
Rio Grande (Red River to CO border)
Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)
Rio Pueblo (Picuris Pueblo bnd to headwaters)
Rio Pueblo de Taos (R Grande del Rancho to Taos Pueblo bnd)
Rio Santa Barbara (non-pueblo Embudo Ck to USFS bnd)
Santa Cruz River (San Clara Pueblo bnd to Santa Cruz Dam)
Walnut Canyon (Pueblo Canyon to headwaters)

HUC: 13020102 Rio Chama

Abiquiu Reservoir
Cajilon Ck (Perennial portions Abiquiu Rsrv to headwaters)
El Vado Reservoir
Hopewell Lake
Polvadera Creek (Cañones Creek to headwaters)
Rio Capulin (Rio Gallina to headwaters)
Rio Chama (El Vado Reservoir to Rio Brazos)
Rio Chama (Little Willow Creek to CO border)
Rio Chama (Rio Brazos to Little Willow Creek)
Rio Chamita (Rio Chama to CO border)
Rio Puerco de Chama (Abiquiu Reservoir to HWY 96)
Rio Tusas (Rio Vallecitos to headwaters)
Rito Resumidero (Rio Puerco de Chama to headwaters)

HUC: 13020201 Rio Grande-Santa Fe

Ancho Canyon (North Fork to headwaters)
Ancho Canyon (Rio Grande to North Fork Ancho)
Arroyo de la Delfe (Pajarito Canyon to headwaters)
Cañada del Buey (within LANL)
Cañon de Valle (below LANL gage E256)
Cañon de Valle (LANL gage E256 to Burning Ground Spr)
Cañon de Valle (upper LANL bnd to headwaters)
Galisteo Ck (Perennial reaches abv Kewa Pueblo bnd)
Las Huertas Ck (perennial prt Santa Ana Pueblo bnd to hdwts)
Mortandad Canyon (within LANL)
North Fork Ancho Canyon (Ancho Canyon to headwaters)
Pajarito Canyon (Arroyo de La Delfe to Starmers Spring)
Pajarito Canyon (upper LANL bnd to headwaters)
Pajarito Canyon (within LANL above Starmers Gulch)
Pajarito Canyon (within LANL below Arroyo de La Delfe)
Potrillo Canyon (above Water Canyon)
Rio Grande (Cochiti Reservoir to San Ildefonso bnd)
Rito de los Frijoles (Rio Grande to Upper Crossing)
Rito de los Frijoles (Upper Crossing to headwaters)
San Pedro Creek (San Felipe bnd to headwaters)
Sandia Canyon (Sigma Canyon to NPDES outfall 001)
Sandia Canyon (within LANL below Sigma Canyon)
Santa Fe River (non-pueblo Cochiti Rsrv to Paseo del Canon)
Santa Fe River (Paseo del Canon to Santa Fe WWTP)
Santa Fe River (Santa Fe WWTP to Nichols Rsrv)
Ten Site Canyon (Mortandad Canyon to headwaters)
Three Mile Canyon (Pajarito Canyon to headwaters)
Two Mile Canyon (Pajarito to headwaters)
Water Canyon (Area-A Canyon to NM 501)
Water Canyon (upper LANL bnd to headwaters)
Water Canyon (within LANL below Area-A Cyn)

HUC: 13020202**Jemez**

Clear Creek (Rio de las Vacas to San Gregorio Lake)
East Fork Jemez (San Antonio Creek to VCNP bnd)
East Fork Jemez (VCNP to headwaters)
Fenton Lake
Jaramillo Creek (East Fork Jemez to headwaters)
Jemez River (Jemez Pueblo bnd to Rio Guadalupe)
Jemez River (Soda Dam nr Jemez Springs to East Fork)
La Jara Creek (East Fork Jemez to headwaters)
Redondo Creek (VCNP bnd to headwaters)
Rio Cebolla (Fenton Lake to headwaters)
Rio de las Vacas (Clear Creek to headwaters)
Rito de las Palomas (Rio de las Vacas to headwaters)
Rito de los Indios (San Antonio Creek to headwaters)
Rito Peñas Negras (Rio de las Vacas to headwaters)
San Antonio Creek (East Fork Jemez to VCNP bnd)
San Antonio Creek (VCNP bnd to headwaters)
Sulphur Creek (San Antonio Creek to Redondo Creek)
Sulphur Creek (VCNP to headwaters)
Vallecito Ck (Perennial Prt Div abv Ponderosa to headwaters)

HUC: 13020203**Rio Grande-Albuquerque**

Rio Grande (Isleta Pueblo bnd to Alameda Bridge)
Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)
Rio Grande (Rio Puerco to Isleta Pueblo bnd)
Rio Grande (San Marcial at USGS gage to Rio Puerco)
Tijeras Arroyo (Rio Grande to headwaters)

HUC: 13020204**Rio Puerco**

Rito Leche (Perennial reaches above HWY 126)
Señorito Creek (Nacimiento Mine to headwaters)

HUC: 13020207**Rio San Jose**

Rio Moquino (Laguna Pueblo to Seboyettia Creek)

HUC: 13020211**Elephant Butte Reservoir**

Elephant Butte Reservoir

HUC: 13030101**Caballo**

Caballo Reservoir
Las Animas Creek (perennial portion R Grande to headwaters)
Rio Grande (Caballo Reservoir to Elephant Butte Reservoir)

HUC: 13030102**El Paso-Las Cruces**

Burn Lake (Doña Ana)

HUC: 13030202**Mimbres**

Bear Canyon Reservoir
Mimbres R (Perennial reaches downstream of Willow Springs)
Mimbres R (Perennial reaches Willow Springs to Cooney Cny)

HUC: 13050003**Tularosa Valley**

Dog Canyon Creek (perennial portions)
Lake Holloman
Three Rivers (USFS bnd to headwaters)

HUC: 13060001 Pecos Headwaters

El Porvenir Creek (Gallinas River to SFNF bnd)
Gallinas River (San Augustin to Las Vegas Diversion)
Glorieta Creek (Pecos River to headwaters)
McAllister Lake
Pecos Arroyo (Gallinas River to headwaters)
Pecos River (Alamitos Canyon to Willow Creek)
Pecos River (Canon de Manzanita to Alamitos Canyon)
Pecos River (Jack's Creek to headwaters)
Pecos River (Santa Rosa Reservoir to Tecolote Creek)
Pecos River (Sumner Reservoir to Santa Rosa Reservoir)
Pecos River (Tecolote Creek to Canon de Manzanita)
Pecos River (Willow Creek to Jack's Creek)
Santa Rosa Reservoir
Storrie Lake
Sumner Reservoir
Tecolote Creek (I-25 to Blue Creek)
Tres Lagunas (Northeast)
Willow Creek (Pecos River to fish barrier above reclamation)

HUC: 13060003 Upper Pecos

Pecos River (Salt Creek to Sumner Reservoir)

HUC: 13060007 Upper Pecos-Long Arroyo

Pecos River (Rio Peñasco to Salt Creek)

HUC: 13060008 Rio Hondo

Alto Lake
Carrizo Creek (Rio Ruidoso to Mescalero Apache bnd)
Rio Bonito (NM 48 near Angus to headwaters)

HUC: 13060010 Rio Penasco

Agua Chiquita (perennial portions Rio Peñasco to headwaters)
Rio Peñasco (HWY 24 to headwaters)
Rio Peñasco (Pecos River to HWY 24)

HUC: 13060011 Upper Pecos-Black

Avalon Reservoir
Brantley Reservoir
Lower Tansil Lake/Lake Carlsbad (Carlsbad Municipal Lake)
Pecos River (Black River to Lower Tansil Lake)
Pecos River (Brantley Reservoir to Rio Peñasco)
Pecos River (TX border to Black River)

HUC: 14080101 Upper San Juan

Navajo Reservoir

HUC: 14080104 Animas

Animas River (Estes Arroyo to CO border)
Lake Farmington (Beeline Reservoir)

HUC: 14080105 Middle San Juan

La Plata River (McDermott Arroyo to CO border)
La Plata River (San Juan River to McDermott Arroyo)

HUC: 15020004**Zuni**McGaffey Lake

HUC: 15040001**Upper Gila**

East Fork Gila River (Gila River to headwaters)

Gila River (Mogollon Creek to Gila Hot Springs)

Gilita Creek (Middle Fork Gila R to Willow Creek)

Lake Roberts

Middle Fork Gila River (Gila River to headwaters)

Taylor Creek (Beaver Creek to Wall Lake)

Taylor Creek (Perennial reaches abv Wall Lake)

Turkey Creek (Gila River to headwaters)

West Fork Gila R (Cliff Dweller Cyn to headwaters)

West Fork Gila R (East Fork to Middle Fork)

HUC: 15040002**Upper Gila-Mangas**

Bill Evans Lake

Gila River (AZ border to Red Rock)

Gila River (Mangas Creek to Mogollon Creek)

Gila River (Red Rock to Mangas Creek)

Mangas Creek (Gila River to Mangas Springs)

HUC: 15040004**San Francisco**

Centerfire Creek (San Francisco R to headwaters)

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

San Francisco River (Dry Creek to Whitewater Creek)

FINAL 2010 – 2012

State of New Mexico CWA 303(d)/305(b) Integrated List of Assessed Surface Waters

HUC: 11040001 Cimarron Headwaters

Carrizozo Creek (Dry Cimarron to headwaters) Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_40	44.79	20.6.4.701	2015	2008	3

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.702 under which this AU would fall. Therefore, the EPA-approved pre-2005 designated uses associated with 20.6.4.701 were used to make 2008 impairment determinations. This AU may not be perennial.

Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)

Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_00	56	20.6.4.701	2015	2008	5/5A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	2008
Sulfates	2008
Temperature, water	2008
Total Dissolved Solids	2008

Probable Sources of Impairment:

- Drought-related Impacts
- Flow Alterations from Water Diversions
- Highway/Road/Bridge Runoff (Non-construction Related)
- Irrigated Crop Production
- Natural Sources

Assessment Unit Comments:

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.702 under which this AU would fall. Therefore, the EPA-approved pre-2005 designated uses associated with 20.6.4.701 were used to make 2008 impairment determinations. Both the temperature and dissolved oxygen impairments were measured at station DCR at Wiggins Road which has wetland characteristics and may not be representative of the rest of the AU. TMDLs were prepared for sulfate and TDS (2009).

Dry Cimarron River (Long Canyon to Oak Ck)

Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_02	21.65	20.6.4.701	2015	2008	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2008
Total Dissolved Solids	2008

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Drought-related Impacts
- Flow Alterations from Water Diversions
- Irrigated Crop Production
- Natural Sources
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Rangeland Grazing
- Wildlife Other than Waterfowl

Assessment Unit Comments:

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.702 under which this AU would fall. Therefore, the EPA-approved pre-2005 designated uses associated with 20.6.4.701 were used to make 2008 impairment determinations. TMDLs were prepared for E. coli and TDS (2009).

Dry Cimarron River (Oak Creek to headwaters)**Cimarron Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_01	15.16	20.6.4.701	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life

Fully Supporting

Irrigation

Fully Supporting

Livestock Watering

Fully Supporting

Secondary Contact

Fully Supporting

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial proposal to change the aquatic life use from CWAL to MCWAL and WWAL. Therefore, CWAL is still in effect and was the ALU used for the 2008 impairment determinations.

Long Canyon (Perennial reaches abv Dry Cimarron)

Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_20	8.21	20.6.4.701	2015	2008	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2008
Selenium	2008
Temperature, water	

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Drought-related Impacts
- Highway/Road/Bridge Runoff (Non-construction Related)
- Natural Sources
- Rangeland Grazing
- Streambank Modifications/destablization
- Wildlife Other than Waterfowl

Assessment Unit Comments:

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.702 under which this AU would fall. Therefore, the EPA-approved pre-2005 designated uses associated with 20.6.4.701 were used to make 2008 impairment determinations. CWAL use and associated criteria may not be attainable. WQS under review. TMDLs were prepared for E. coli and selenium (2009).

Oak Creek (Dry Cimarron to headwaters)**Cimarron Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_10	11.72	20.6.4.701	2015	2008	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2008
Nutrient/Eutrophication Biological Indicators	2008

Probable Sources of Impairment:

Avian Sources (waterfowl and/or other)
Crop Production (Crop Land or Dry Land)
Drought-related Impacts
Flow Alterations from Water Diversions
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

As of the date of this review (4/4/08), EPA Region 6 has not approved the 2005 triennial proposal to change the aquatic life use from CWAL to MCWAL and WWAL. Therefore, CWAL is still in effect and was the ALU used for the 2008 impairment determinations. TMDLs were prepared for E. coli and nutrients (2009).

HUC: 11080001**Canadian Headwaters**

Caliente Canyon (Vermejo River to headwaters)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_151	17.42	20.6.4.309	2015	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Specific Conductance	2008
----------------------	------

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

HQCWAL is probably not attainable due to low flows and high background temperatures. TMDL for specific conductance.

Canadian River (Cimarron River to CO border)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_200	99.31	20.6.4.305	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators

2010

Probable Sources of Impairment:

Animal Feeding Operations (NPS)
Flow Alterations from Water Diversions
Municipal Point Source Discharges
Rangeland Grazing

Assessment Unit Comments:

A sonde should be deployed to verify %DO saturation exceedences.

Chicorica Creek (Canadian River to East Fork Chicorica)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_250	20.23	20.6.4.305	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Chicorica Creek (East Fork Chicorica to headwaters)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_251	5.35	20.6.4.305	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Hunter Creek (Throttle Reservoir to headwaters)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_040	3.23	20.6.4.305	2015		2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Laguna Madre**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_058	302.4	20.6.4.99	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Lake Alice (Sugarite Canyon)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.B_10	6.05	20.6.4.305	2015	2008	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Lake Maloya**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.B_20	117.57	20.6.4.305	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2017
--------------------	------

Assessment Unit Comments:

Coldwater Aquatic Life is an existing use. Applying a CWAL temperature criterion of 20 degrees C, there were 2 of 6 exceedences leading to a listing for temperature. This waterbody is stocked with rainbow trout.

Leandro Creek (Vermejo River to headwaters)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_161	11.23	20.6.4.309	2015	1998	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rio Grande Cutthroat Trout restoration in 1998 by NMG&F.

Maxwell Lake 12**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_080	226.86	20.6.4.99	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Marginal Coldwater, Warmwater Aquatic Life and Irrigation are existing uses.

Maxwell Lake 13**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_081	301.62	20.6.4.99	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Maxwell Lake 14**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_082	80.52	20.6.4.99	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_253	17.66	20.6.4.305	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2008

Probable Sources of Impairment:

Municipal (Urbanized High Density Area)
Municipal Point Source Discharges
Rangeland Grazing

Assessment Unit Comments:

Stubblefield Lake**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_101	907.96	20.6.4.99	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Warmwater Aquatic Life is an existing use. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Tinaja Creek (Canadian River to headwaters)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_018	25.36	20.6.4.98	2015	2008	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This AU is Not Assessed because there was only water present during one event (n=1 in not enough to determine impairment). This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Uña de Gato Creek (Chicorica Creek to HWY 64)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_254	10.59	20.6.4.305	2015	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators

2010

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing

Assessment Unit Comments:

Uña de Gato Creek (HWY 64 to headwaters)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_030	21.01	20.6.4.305	2015	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators

2010

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing

Assessment Unit Comments:

VanBremmer Creek (HWY 64 to headwaters)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_140	40.79	20.6.4.309	2015	2004	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Specific Conductance	2008
Temperature, water	2008
Turbidity	2008

Probable Sources of Impairment:

- Natural Sources
- Rangeland Grazing

Assessment Unit Comments:

HQCW use and associated criteria may not be attainable. WQS under review. It was not possible to apply the interim turbidity assessment protocol because there was only one data point.

Vermejo River (Canadian River to Rail Canyon)**Canadian Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_210	25.37	20.6.4.305	2015	2006	4C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations

Assessment Unit Comments:

Often no flow due to diversion.

Vermejo River (Rail Canyon to York Canyon)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_220	23.55	20.6.4.309	2015	2006	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Specific Conductance	2010
Temperature, water	2010

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
 Rangeland Grazing
 Source Unknown

Assessment Unit Comments:

Vermejo River (York Canyon to headwaters)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_230	25.05	20.6.4.309	2015	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)	
Temperature, water	2010

Probable Sources of Impairment:

Rangeland Grazing
 Streambank Modifications/destablization

Assessment Unit Comments:

York Canyon (Vermejo River to headwaters)

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_153	11.14	20.6.4.309	2015	2000	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Specific Conductance	2008
Turbidity	2008

Probable Sources of Impairment:

Impacts from Abandoned Mine Lands (Inactive)

Assessment Unit Comments:

There is an inactive coal mine with processing and rail facilities in the watershed. Reclamation is in progress and may allow this reach to be moved into Category 4B.

HUC: 11080002**Cimarron**

American Creek (Cieneguilla Creek to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_066	4.54	20.6.4.309	2015	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Bonito Creek (Rayado Creek to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.1.A_20	5.67	20.6.4.309	2015	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Cieneguilla Creek (Eagle Nest Lake to headwaters)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_065	12.63	20.6.4.309	2015	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2010
Sedimentation/Siltation	1999
Temperature, water	2010
Turbidity	1999

Probable Sources of Impairment:

Loss of Riparian Habitat
Municipal Point Source Discharges
Other Recreational Pollution Sources
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity, SBD (sedimentation/siltation), fecal coliform, and AI chronic (all but SBD TMDL revised in 2004 due to need to develop WLAs for Angel Fire WWTP); de-list letter for temperature and total phosphorus.

De-listed for aluminium and fecal coliform, and re-listed for temperature in 2008.

Cimarron River (Canadian River to Cimarron)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.1.A_10	37.79	20.6.4.306	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2010
---	------

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Impervious Surface/Parking Lot Runoff
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing

Assessment Unit Comments:

TMDL for chronic aluminum (assessed incorrectly -- aluminum was de-listed).

Cimarron River (Cimarron Village to Turkey Creek)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_040	4.25	20.6.4.309	2015	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Arsenic	2010
Temperature, water	2010
Turbidity	2010

Probable Sources of Impairment:

Baseflow Depletion from Groundwater Withdrawals
 Loss of Riparian Habitat
 Rangeland Grazing
 Source Unknown

Assessment Unit Comments:

TMDL for chronic aluminum (**assessed incorrectly - should be FS); de-list letter for plant nutrients Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Cimarron River (Turkey Creek to Eagle Nest Lake)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_130	18.19	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Arsenic	2010
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

Dam or Impoundment
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Other Recreational Pollution Sources
Source Unknown
Wildlife Other than Waterfowl

Assessment Unit Comments:

De-list letter for total phosphorus.

Clear Creek (Cimarron River to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_131	3.58	20.6.4.309	2015	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Eagle Nest Lake**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.B_00	1333.81	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Arsenic	2017
Oxygen, Dissolved	2017

Probable Sources of Impairment:

Natural Sources
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Subsurface (Hardrock) Mining
Wildlife Other than Waterfowl

Assessment Unit Comments:

There are small legacy hardrock mining operations in the upper watershed that may be contributing to the elevated arsenic levels.

Greenwood Canyon (Middle Ponil to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_122	5.24	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2010
----------	------

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_112	6.81	20.6.4.309	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2008
Turbidity	2017

Probable Sources of Impairment:

Loss of Riparian Habitat
Source Unknown

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006. Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Middle Ponil Creek (Greenwood Creek to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_124	11	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators

2010

Probable Sources of Impairment:

On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Source Unknown
Wildlife Other than Waterfowl

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006.

Middle Ponil Creek (South Ponil to Greenwood Creek)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_121	10	20.6.4.309	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)	
Temperature, water	2010

Assessment Unit Comments:

TMDL for temperature, turbidity; de-list letter for total phosphorus.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_060	9	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2010
Temperature, water	2010

Probable Sources of Impairment:

On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Wastes from Pets

Assessment Unit Comments:

TMDL for turbidity and fecal coliform; de-list letter for plant nutrients. De-listed for fecal coliform 2008 because 2006 E. coli data indicate full support.

North Ponil Creek (Seally Canyon to headwaters)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_162	7.03	20.6.4.309	2015	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2010
Gross Alpha - Adjusted	2010
Radium 226	2010
Radium 228	2010
Temperature, water	2010
Turbidity	2017

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
 Natural Sources
 Rangeland Grazing
 Source Unknown
 Wildlife Other than Waterfowl

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006. Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

North Ponil Creek (South Ponil Creek to Seally Canyon)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_110	14.78	20.6.4.309	2015	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2010
Temperature, water	1999
Turbidity	1999

Probable Sources of Impairment:

Forest Roads (Road Construction and Use)
 Habitat Modification - other than Hydromodification
 Loss of Riparian Habitat
 Low Water Crossing
 Rangeland Grazing
 Silviculture Harvesting

Assessment Unit Comments:

TMDL for temp, turbidity, SBD (sedimentation/siltation), and total phosphorus; de-list letter for total phosphorus.

Ponil Creek (Cimarron River to US 64)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_100	9.9	20.6.4.306	2015	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)
E. coli

2010

Probable Sources of Impairment:

Avian Sources (waterfowl and/or other)
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Source Unknown
Wastes from Pets

Assessment Unit Comments:

TMDL for turbidity, temp, and AI chronic; de-list letter for total phosphorus.

Ponil Creek (US 64 to confl of North & South Ponil)

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_101	7	20.6.4.309	2015	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2010
Temperature, water	2001
Turbidity	2001

Probable Sources of Impairment:

Livestock (Grazing or Feeding Operations)
 Loss of Riparian Habitat
 On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
 Rangeland Grazing
 Streambank Modifications/destablization
 Wastes from Pets

Assessment Unit Comments:

TMDL for turbidity, temp, and AI chronic; de-list letter for total phosphorus. De-listed for AI chronic in 2008.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_80	14.24	20.6.4.307	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2010
Sedimentation/Siltation	2010

Probable Sources of Impairment:

Dam or Impoundment
Habitat Modification - other than Hydromodification
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Rangeland Grazing

Assessment Unit Comments:

TMDL for SBD (sedimentation/siltation). A sonde should be deployed at the station to confirm the nutrient impairment.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_051	24.26	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
Temperature, water	2010

Probable Sources of Impairment:

Baseflow Depletion from Groundwater Withdrawals
On-site Treatment Systems (Septic Systems and
Similar Decentralized Systems)
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

Seally Canyon (North Ponil to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_111	4.71	20.6.4.309	2015	2008	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** ONRW status for surface waters in the Valle Vidal as of February 2006.

Shuree Pond (North)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.B_30	1.5	20.6.4.309	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Shuree Pond (South)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.B_31	1.5	20.6.4.309	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_064	4.6	20.6.4.309	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2010
Temperature, water	2010
Turbidity	1999

Probable Sources of Impairment:

Animal Feeding Operations (NPS)
Habitat Modification - other than Hydromodification
Livestock (Grazing or Feeding Operations)
Natural Sources
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

TMDL for turbidity and fecal coliform; de-list for plant nutrients.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_123	10.1	20.6.4.309	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Grande Cutthroat Trout restoration in 2000 by NMG&F.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_120	5.3	20.6.4.309	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2010
--------------------	------

Probable Sources of Impairment:

Rangeland Grazing

Assessment Unit Comments:

Springer Lake**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.1.B_10	458.85	20.6.4.99	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Warmwater Aquatic Life and Irrigation are existing uses. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Tolby Creek (Cimarron River to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_132	5.9	20.6.4.309	2015	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Ute Creek (Cimarron River to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_068	8.04	20.6.4.309	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Arsenic	2010
E. coli	2010
Temperature, water	2010
Turbidity	2017

Probable Sources of Impairment:

Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Source Unknown

Assessment Unit Comments:

Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

West Aqua Fria Creek (Cieneguilla Creek to headwaters)**Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_067	4.64	20.6.4.309	2015	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 11080003**Upper Canadian**

Canadian River (Conchas River to Mora River)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_000	36.56	20.6.4.305	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
---------	------

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing

Assessment Unit Comments:

Canadian River (Mora River to Cimarron River)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_100	74.31	20.6.4.305	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Charette Lake (Lower)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.5_10	300	20.6.4.308	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Charette Lake (Upper)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.5_20	110	20.6.4.308	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_090	8.91	20.6.4.309	2015	2004	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Ocate Creek (Canadian River to Ocate)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_70	36.08	20.6.4.307	2015		2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Ocate Creek (Ocate to Wheaton Creek)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_070	14.49	20.6.4.309	2015		4C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations**Assessment Unit Comments:**

Diversions (and drought) are de-watering this AU in early fall and summer.

Wagon Mound Salt Lake**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_106	240	20.6.4.99	2015		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Warmwater Aquatic Life is an existing use.

Wheaton Creek (Manuelas Creek to headwaters)**Upper Canadian**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_091	9.76	20.6.4.309	2015		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 11080004**Mora**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_021	5.7	20.6.4.309	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_020	37.5	20.6.4.309	2015	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Specific Conductance	2008
Temperature, water	2008

Probable Sources of Impairment:

Natural Sources
Rangeland Grazing

Assessment Unit Comments:

There is a healthy trout fishery in this reach. Conductivity std may not be appropriate.

Encantada (Enchanted) Lake**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.B_10	2.4	20.6.4.99	2015	2004	3

Use Information:**Designated Use (s):****Attainment:**

High Quality Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

High quality coldwater aquatic life is an existing use.

La Jara Creek (Coyote Creek to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_54	24.38	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Little Coyote Creek (Black Lake to headwaters)

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_024	2.2	20.6.4.309	2015	2004	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2008
pH	2008

Probable Sources of Impairment:

- Natural Sources
- Rangeland Grazing
- Source Unknown

Assessment Unit Comments:

Draft sonde data indicating full support for pH while grab data indicates non support.

Luna Creek (Mora River to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_001	4.1	20.6.4.309	2015	2010	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Maestas Creek (Manuelitas Creek to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_81	4.24	20.6.4.307	2015	2004	3

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_21	17.11	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Middle Fork Lake of Rio de la Casa**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.B_10	1.5	20.6.4.309	2015	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Mora River (Canadian River to USGS gage east of Shoemaker) Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_020	50.14	20.6.4.305	2015	2004	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Mora River (HWY 434 to Luna Creek)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_000	16.7	20.6.4.309	2015	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	2008
Specific Conductance	2008

Probable Sources of Impairment:

Natural Sources
Rangeland Grazing
Silviculture Harvesting

Assessment Unit Comments:

TMDL for specific conductance and sedimentation/siltation. Mineral spring in the area and inflow from wetlands may be contributing to exceedences of specific conductance.

Mora River (USGS gage east of Shoemaker to HWY 434)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_00	52.4	20.6.4.307	2015	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2005
Oxygen, Dissolved	2010

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Municipal Point Source Discharges
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Assessment Unit Comments:

TMDL for plant nutrients.

Morphy (Murphy) Lake**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.B_30	50	20.6.4.99	2015	2004	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
Oxygen, Dissolved	2017
pH	2017

Probable Sources of Impairment:

Other Recreational Pollution Sources
Rangeland Grazing
Silviculture Harvesting

Assessment Unit Comments:

Marginal Coldwater, Warmwater Aquatic Life, and Irrigation are existing uses.

North Fork Lake of Rio de las Casa**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.B_20	2	20.6.4.99	2015	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use.

Pacheco Lake**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_093	5	20.6.4.307	2015	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2306.A_030	6.08	20.6.4.309	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rito Cebolla (Mora River to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_40	9.95	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rito de Gascon (Rito San Jose to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_24	3.39	20.6.4.307	2015		3

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rito Morphy (Rito Cebolla to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_42	7.5	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Dry during spring and summer 2002 sampling.

Rito San Jose (Manuelitas Creek to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_22	4.83	20.6.4.307	2015	2004	4C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations

Assessment Unit Comments: Sampled only 4 times during the 2002 survey because it went dry due to drought and diversion.

Santiago Creek (Rito Cebolla to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_41	9.61	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Dry during spring and summer 2002 sampling.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_30	14.5	20.6.4.307	2015	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_20	27.39	20.6.4.307	2015	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	2010
-------------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Wolf Creek (Mora River to headwaters)**Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.A_10	24.52	20.6.4.307	2015	2004	4C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations

Probable Sources of Impairment:

Baseflow Depletion from Groundwater Withdrawals

Assessment Unit Comments:

According to the manager of the Black Willow Ranch, Wolf Cr. used to be perennial, but then the well serving the facility at Valmora was deepened or otherwise improved and pumping has increased. Now Wolf Cr. goes dry.

HUC: 11080005**Conchas**

Conchas Reservoir**Conchas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2304_00	4218.17	20.6.4.304	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue	
Nutrient/Eutrophication Biological Indicators	2017
PCBs in Fish Tissue	

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Loss of Riparian Habitat
Rangeland Grazing
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments:

The "mercury in fish tissue" and "PCBs in fish tissue" listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Conchas River (Conchas Lake to headwaters)**Conchas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.A_010	64.33	20.6.4.305	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This AU went dry in 2002 due to drought conditions. This did not flow during 2002 survey due in part to drought conditions, and was flowing during the 2006 survey in only 3 of 8 monthly visits. This AU may not be perennial.

HUC: 11080006**Upper Canadian-Ute Reserv**

Canadian River (TX border to Ute Reservoir)**Upper Canadian-Ute Reserv**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2301_00	40.45	20.6.4.301	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Canadian River (Ute Reservoir to Conchas Reservoir)**Upper Canadian-Ute Reserv**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2303_00	63.34	20.6.4.303	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
---------	------

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

Thermograph data and field notes suggest that the channel went dry in mid-June 2006. This AU may not be perennial.

Pajarito Creek (Ute Reservoir to headwaters)**Upper Canadian-Ute Reserv**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2303_10	55.88	20.6.4.303	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

Avian Sources (waterfowl and/or other)
Drought-related Impacts
Livestock (Grazing or Feeding Operations)
Rangeland Grazing

Assessment Unit Comments:

Tucumcari Lake**Upper Canadian-Ute Reserv**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_103	349.43	20.6.4.99	2015		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Ute Reservoir**Upper Canadian-Ute Reserv**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2302_00	3760.75	20.6.4.302	2015	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2017
Mercury in Fish Tissue	

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Impervious Surface/Parking Lot Runoff
Natural Sources
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

HUC: 11080007**Ute**

Chicosa Lake**Ute**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_029	40	20.6.4.98	2015	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Ute Creek (Ute Reservoir to headwaters)**Ute**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2303_20	148.01	20.6.4.303	2015	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation

Fully Supporting

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Fully Supporting

Secondary Contact

Fully Supporting

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This is a reference AU.

HUC: 11080008**Revuelto**

Revuelto Creek (Canadian River to headwaters)**Revuelto**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2301_10	20.8	20.6.4.301	2015	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Boron	2010
-------	------

Probable Sources of Impairment:

Drought-related Impacts
Irrigated Crop Production
Natural Sources

Assessment Unit Comments:

Usually dry except for irrigation return flows and stormwater runoff. Below Ute Reservoir, shown as intermittent on USGS topo quad.

HUC: 11090102**Punta de Agua**

Maestas (Lost) Lake**Punta de Agua**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.B_20	3	20.6.4.307	2015		2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Coldwater Aquatic Life is an existing use.

HUC: 11100101**Upper Beaver**

Clayton Lake**Upper Beaver**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_030	147.76	20.6.4.99	2015	1998	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:Atmospheric Deposition - Toxics
Source Unknown**Assessment Unit Comments:**

Marginal Coldwater, Warmwater Aquatic Life and Irrigation are existing uses. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Corrumpa Creek (OK border to headwaters)**Upper Beaver**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2701_30	73.78	20.6.4.701	2015	2008	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

As of the date of this review (11/10/09), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.310 under which this AU would fall. Therefore, the EPA-approved pre-2005 designated uses associated with 20.6.4.701 are noted as the designated uses.

Seneca Creek (Perennial reaches abv Clayton Lake)**Upper Beaver**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_904	12.52	20.6.4.99	2015	2010	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

As of the date of this review (11/10/09), EPA Region 6 has not approved the 2005 triennial review proposal to create WQ standard segment 20.6.4.310 under which this AU would fall. Therefore, the designated and assumed uses associated with 20.6.4.99 are noted for this previously unclassified water.

HUC: 12050001**Yellow House Draw**

Little Tule Lake**Yellow House Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_076	7.62	20.6.4.98	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Tule Lake**Yellow House Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_104	45.65	20.6.4.98	2013	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 12050002**Blackwater Draw**

Dennis Chavez Lake (Curry)**Blackwater Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_036	4	20.6.4.99	2013		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Warmwater Aquatic Life is an existing use.

Green Acres Lake**Blackwater Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_046	10.94	20.6.4.99	2013		5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators 2017

Probable Sources of Impairment:Impervious Surface/Parking Lot Runoff
Natural Sources**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Ingram Lake**Blackwater Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_050	11.59	20.6.4.99	2013		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Oasis Park Lake**Blackwater Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_092	2	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Williams Playa (Curry)**Blackwater Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_108	15	20.6.4.98	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 12050005**Running Water Draw**

Ned Houk Park Lakes**Running Water Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_089	4	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater and Warmwater Aquatic Life are existing uses. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. Applicable criteria for E. coli, aluminum, and temperature were exceeded.

HUC: 12080001**Lost Draw**

Lane Salt Lake**Lost Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_072	400	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Middle Lake**Lost Draw**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_084	40	20.6.4.98	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 12080003**Monument-Seminole Draws**

Chaparral (Park) Lake**Monument-Seminole Draws**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_028	10	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Green Meadows Lake**Monument-Seminole Draws**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_047	14	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

HUC: 13010005**Conejos**

Beaver Creek (Rio de los Pinos to headwaters)**Conejos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_904	6.57	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Cañada Tío Grande (Río San Antonio to headwaters)**Conejos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_903	9.39	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Laguna Larga**Conejos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_057	34.23	20.6.4.99	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Rio de los Pinos (New Mexico reaches)**Conejos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_900	20.9	20.6.4.123	2009	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Rangeland Grazing

Assessment Unit Comments: TMDL for temperature.

Rio San Antonio (CO border to Montoya Canyon)

Conejos

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_902	11.5	20.6.4.123	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Rio San Antonio (Montoya Canyon to headwaters)

Conejos

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_901	12.9	20.6.4.123	2009	2004	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2004
--------------------	------

Assessment Unit Comments: TMDL for temperature.

HUC: 13020101**Upper Rio Grande**

Acid Canyon (Pueblo to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_002	0.36	20.6.4.98	2017	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
Mercury	2012
PCBs	2012
Zinc	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Agua Caliente (Rio Grande to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_430	5.14	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Alamitos Creek (Rio Pueblo to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_411	5.58	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

There are threatened Rio Grande cutthroat trout in this reach. A project to protect the remaining population is being spearheaded by the Truchas Chapter of Trout Unlimited (2008).

Apache Canyon (Rio Fernando de Taos to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_002	1.5	20.6.4.98	2017	2006	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Supporting
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2012
---------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

The SWQB Watershed Protection Section completed a special study of E. coli levels with associated flow observations in the upper 3 miles of Rio Fernando de Taos and the Apache Canyon tributary to assess potential impacts from livestock grazing in 2006. The study demonstrated instances when grazing on the Flechado Allotment probably increased E. coli levels in Apache Canyon and this portion of Rio Fernando de Taos in 2006. The USFS Carson National Forest in cooperation with SWQB collected additional data in 2007 (assessed for 2008 cycle). This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Bayo Canyon (San Ildefonso bnd to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_007	5.73	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Bernardin Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_013	2	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use.

Bitter Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_705	8.32	20.6.4.123	2009		4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2004
Sedimentation/Siltation	2004

Probable Sources of Impairment:

Acid Mine Drainage
Highway/Road/Bridge Runoff (Non-construction Related)
Natural Sources
Other Recreational Pollution Sources
Surface Mining

Assessment Unit Comments:

TMDL for SBD (sedimentation/siltation) and AI acute.

Bobcat Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_716	5.29	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Bull Creek Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_023	2	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Cabresto Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_701	17.28	20.6.4.123	2009		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Prior listing was based on spring 1999 data. Re-assessment of this consecutive day data combined with more recent multi-season data submitted by Molycorp indicates no aluminum impairment.

Cabresto Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_20	15.66	20.6.4.123	2009		1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Casias Creek (Costilla Reservoir to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_831	7.37	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Chamisal Creek (abv Embudo Creek except Picuris Pueblo)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_402	8.5	20.6.4.123	2008	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Chuckwagon Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_833	2.3	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Columbine Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_702	4.69	20.6.4.123	2009		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Comanche Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_827	10.3	20.6.4.123	2017	2008	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Rangeland Grazing

Assessment Unit Comments:

TMDL for temperature. ONRW status for surface waters in the Valle Vidal as of February 2006.

Cordova Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_823	5.61	20.6.4.123	2009	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	1999
-------------------------	------

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Other Recreational Pollution Sources
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for total phosphorus, SBD (sedimentation/siltation), and turbidity; de-list letter for total phosphorus

Costilla Creek (CO border to Diversion abv Costilla)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_810	3.52	20.6.4.123	2009	2004	4C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations

Assessment Unit Comments:

This AU is de-watered by diversion; thermograph and gage data confirm that channel goes dry.

Costilla Creek (Comanche Creek to Costilla Dam)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_830	4.36	20.6.4.123	2017	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

ONRW status for surface waters in the Valle Vidal as of February 2006.

Costilla Creek (Diversion abv Costilla to Comanche Creek)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_820	17.59	20.6.4.123	2009	2004	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Rangeland Grazing

Assessment Unit Comments:

TMDL for temperature.

Costilla Creek (Rio Grande to CO border)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_800	2.61	20.6.4.123	2009	2004	4C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations**Assessment Unit Comments:**

This reach reportedly goes dry due to irrigation diversion in all but the wettest years.

Cow Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_40	2	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use.

DP Canyon (Los Alamos Canyon to LANL bnd)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_10	0.73	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Eagle Rock Lake

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_10	3	20.6.4.122	2009	2004	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Coldwater Aquatic Life is an existing use. This is stocked for fishing.

East Fk Rio Santa Barbara (R Santa Barbara to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_424	5.5	20.6.4.123	2008	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

East Fork Red River (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_715	5.98	20.6.4.123	2009		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Elk Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_039	2	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_40	5	20.6.4.114	2009	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments: Additional monitoring needed to determine cause of bio impairment. CWAL may be an existing use in this reach.

Embudo Creek (Rio Grande to Canada de Ojo Sarco)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_41	6.2	20.6.4.114	2009	2004	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2005
Turbidity	2005

Probable Sources of Impairment:
Channelization
Dredging (E.g., for Navigation Channels)
Loss of Riparian Habitat
Natural Sources
Off-road Vehicles
Rangeland Grazing
Site Clearance (Land Development or Redevelopment)
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity and sedimenation/siltation (SBD).

Fawn Lake (East)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_60	1	20.6.4.123	2009		1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Fawn Lake (West)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_61	1	20.6.4.123	2009		1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Fernandez Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_834	2.48	20.6.4.123	2017	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

ONRW status for surface waters in the Valle Vidal as of February 2006.

Gold Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_835	2.87	20.6.4.123	2017	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2010
Temperature, water	2010

Probable Sources of Impairment:

Channelization
Drought-related Impacts
Forest Roads (Road Construction and Use)
Low Water Crossing
Natural Sources
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006.

Goose Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_711	5.11	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Goose Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_12	5.95	20.6.4.123	2009	2004	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
Sedimentation/Siltation	2017

Probable Sources of Impairment:

Loss of Riparian Habitat
Other Recreational Pollution Sources
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

Graduation Canyon (Pueblo Canyon to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_005	0.71	20.6.4.98	2017	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Copper	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Grassy Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_836	3.11	20.6.4.123	2017	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2017
-----------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006. Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Guaje Canyon (San Ildefonso bnd to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_005	12.33	20.6.4.98	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Heart Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_70	4.34	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Hidden Lake (Lake Hazel)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_80	3.58	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Holman Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_837	2.86	20.6.4.123	2017	2008	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2010
--------------------	------

Probable Sources of Impairment:

Channelization
Drought-related Impacts
Forest Roads (Road Construction and Use)
Low Water Crossing
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006.

Horseshoe Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_90	6.92	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: High elevation cirque lake (difficult access).

Horseshoe Lake (Alamitos)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_25	7.89	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Indian Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_35	3	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Jose Vigil Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.B_20	3	20.6.4.121	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Kwage Canyon (Pueblo Canyon to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_003	1.27	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

There are only data from one sampling event available, so this AU is considered "not assessed." This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

La Cueva Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_838	2.95	20.6.4.123	2014	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

ONRW status for surface waters in the Valle Vidal as of February 2006.

La Cueva Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_45	2	20.6.4.99	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life

Not Assessed

Livestock Watering

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use.

LaBelle Creek (Comanche Creek to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_839	2.57	20.6.4.123	2017	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2010
--------------------	------

Probable Sources of Impairment:

Channelization
 Drought-related Impacts
 Forest Roads (Road Construction and Use)
 Low Water Crossing
 Rangeland Grazing
 Wildlife Other than Waterfowl

Assessment Unit Comments:

ONRW status for surface waters in the Valle Vidal as of February 2006.

Lake Fork Creek (Rio Hondo to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_606	2.15	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Latir Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_824	5.57	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Little Costilla Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_840	4.65	20.6.4.123	2017	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

ONRW status for surface waters in the Valle Vidal as of February 2006.

Little Tesuque Creek (Rio Tesuque to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_34	8.26	20.6.4.121	2009	2004	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2005

Probable Sources of Impairment:
Natural Sources

Assessment Unit Comments:

TMDL for aluminum. WQS 20.6.4.114 should include a statement regarding tributaries of the Rio Teseque below the USFS bnd so that the AU Little Tesuque Creek (Rio Tesuque to USFS boundary) would fall clearly under this WQS instead of 20.6.4.121.

Los Alamos Canyon (DP Canyon to upper LANL bnd)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_06B	4.52	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
Mercury	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Los Alamos Canyon (Los Alamos Rsvr to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-127.A_00	2.9	20.6.4.127	2017	2010	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_006	2.49	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
Mercury	2008
PCBs	2012
Zinc	2012

Probable Sources of Impairment:
 Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Los Alamos Canyon (San Ildefonso bnd to NM-4)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_000	1.16	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Los Alamos Canyon (upper LANL bnd to Los Alamos Rsvr)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_049	0.96	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Los Alamos Reservoir**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_077	2	20.6.4.127	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

The Cerro Grande fire (2000) within the contributing watershed resulted in debris flows, erosion, and sedimentation that filled Los Alamos reservoir with organic debris. Sedimentation rates for the contributing watershed have since recovered to pre-fire rates (USFS presentation March 2008). Sediments have been dredged, and inflow into the reservoir has been piped around the reservoir (as of Oct 2007). There are current plans (as of March 2008) to re-engineer the dam to comply with new OSE Dam Safety requirements, and to re-vitalize the dam for recreational and water supply (Pajarito Ski Area snow making) uses. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Lost Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_13	6	20.6.4.99	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

High elevation cirque lake (difficult access).

Mallette Creek (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_704	4.25	20.6.4.123	2009		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Middle Fk Rio Santa Barbara (R Santa Barbara to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_423	4.07	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Middle Fork Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_55	8.3	20.6.4.123	2009	1998	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to assess for impairments.

Middle Fork Red River (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_714	2.84	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Nambe Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.B_10	3	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to re-assess for impairments.

Nat Lake II**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_087	2	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Nat Lake IV**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_088	1.5	20.6.4.99	2009		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

No Fish Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_65	1	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

North Fork Tesuque Creek (Tesuque Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_32	7.5	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Industrial water supply and municipal water supply may not be appropriate for this stream reach.

Pioneer Creek (Red River to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_703	4.89	20.6.4.123	2009	2000	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Turbidity	2004
-----------	------

Probable Sources of Impairment:

Off-road Vehicles

Assessment Unit Comments:

TMDL for turbidity (drafted DBStevens).

Pioneer Lake

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_97	2	20.6.4.123	2009		3

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_706	2.75	20.6.4.123	2009	2000	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2004
----------	------

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
Loss of Riparian Habitat
Natural Sources
Off-road Vehicles
Placer Mining

Assessment Unit Comments:

TMDL for Al acute.

Pojoaque River (San Ildefonso bnd to Pojoaque bnd)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_20	0.6	20.6.4.114	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Powderhouse Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_832	4.41	20.6.4.123	2017	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

ONRW status for surface waters in the Valle Vidal as of February 2006.

Pueblo Canyon (Acid Canyon to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_043	3.58	20.6.4.98	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Inappropriate Waste Disposal
Industrial/Commercial Site Stormwater Discharge (Permitted)
Post-development Erosion and Sedimentation
Source Unknown
Watershed Runoff following Forest Fire

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Pueblo Canyon (Bayo WWTP to Acid Canyon)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_006	3.26	20.6.4.98	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Pueblo Canyon (Los Alamos Canyon to Bayo WWTP)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-99.A_001	2.33	20.6.4.98	2017	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012
Zinc	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_710	5.63	20.6.4.123	2009	2000	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2004
----------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Impacts from Abandoned Mine Lands (Inactive)
Mill Tailings
Mine Tailings
Natural Sources

Assessment Unit Comments:

SWQB looking into watershed specific chronic aluminum criteria to account for natural contributions.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2119_10	20.59	20.6.4.122	2009	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2004
----------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Impacts from Abandoned Mine Lands (Inactive)
Mill Tailings
Mine Tailings
Natural Sources

Assessment Unit Comments:

Original listing based on 1999 SWQB survey. Molycorp submitted data used to verify the aluminum listing. Segment specific aluminum criteria are needed for this reach.

Rendija Canyon (Guaje Canyon to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_045	8.13	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

There are no data available in the assessed 2004-2008 dataset. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Rio Chiquito (Picuris Pueblo bnd to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_421	9.7	20.6.4.123	2009	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2012
-----------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Natural Sources
Source Unknown

Assessment Unit Comments:

Rio Chiquito (Rio Grande del Rancho to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_502	17.3	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Chupadero (USFS bnd to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_40	4.28	20.6.4.121	2009	2004	5/5B

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2011

Probable Sources of Impairment:
Natural Sources

Assessment Unit Comments:

Natural conditions contribute to high aluminum concentrations in this watershed and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Rio de Truchas (Perennial portions Rio Grande to headwaters) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_300	22.4	20.6.4.123	2009	2004	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio en Medio (Aspen Ranch to headwaters) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_42	0.92	20.6.4.121	2009	2004	3

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Accessible only by lengthy hike.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_41	6.1	20.6.4.121	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Fernando de Taos (Rio Pueblo de Taos to Tienditas Creek) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_512	15.9	20.6.4.123	2017	2004	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Specific Conductance	2004
Temperature, water	2004

Probable Sources of Impairment:
Highway/Road/Bridge Runoff (Non-construction Related)
Irrigated Crop Production
Natural Sources
Other Recreational Pollution Sources
Rangeland Grazing
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: TMDLs for temperature and specific conductance.

Rio Fernando de Taos (Tienditas Creek to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_001	3	20.6.4.98	2009	2006	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Supporting
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2011
---------	------

Probable Sources of Impairment:

Rangeland Grazing

Assessment Unit Comments:

The SWQB Watershed Protection Section completed a special study of E. coli levels with associated flow observations in the upper 3 miles of Rio Fernando de Taos and the Apache Canyon tributary to assess potential impacts from livestock grazing in 2006. The study demonstrated instances when grazing on the Flechado Allotment probably increased E. coli levels in Apache Canyon and this portion of Rio Fernando de Taos in 2006. The USFS Carson National Forest in cooperation with SWQB collected E. coli data in 2007 (combined with 2006 data and assessed for 2008 cycle). This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.

Following the 2005 triennial, EPA took no action regarding the applicability of secondary contact uses in proposed WQS segment 20.6.4.98. EPA's Record of Decision for the approval of the 2008 Integrated List notes that "...criteria found in § 20.6.4.900 NMAC are the applicable water quality standards since the intermittent water in question is expressly exempted from § 20.6.4.123 NMAC." Accordingly, EPA's Record of Decision states "Data are sufficient to support a conclusion that the Primary Body Contact Use standard is exceeded for the Fernando de Taos, Unclassified Intermittent Waters within the Classified Perennial Waters of the § 20.6.4.123 NMAC."

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_60	3.2	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Grande (Embudo Creek to Rio Pueblo de Taos)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_12	15	20.6.4.114	2009	2004	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Grande (Ohkay Owingeh bnd to Embudo Creek)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_10	14.7	20.6.4.114	2017	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs in Fish Tissue	
Turbidity	2007

- Probable Sources of Impairment:**
- Atmospheric Deposition - Toxics
 - Highway/Road/Bridge Runoff (Non-construction Related)
 - Irrigated Crop Production
 - Loss of Riparian Habitat
 - Natural Sources
 - Rangeland Grazing
 - Source Unknown

Assessment Unit Comments:

TMDL for turbidity. The "PCB in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande (Red River to CO border)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2119_05	27.75	20.6.4.122	2009	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
pH	2010
Temperature, water	2004

Probable Sources of Impairment:

- Flow Alterations from Water Diversions
- Habitat Modification - other than Hydromodification
- Loss of Riparian Habitat
- Other Recreational Pollution Sources
- Watershed Runoff following Forest Fire

Assessment Unit Comments:

TMDL for temperature. Nutrient Assessment needs to be completed in the AU to determine potential cause of elevated pH.

Rio Grande (Rio Pueblo de Taos to Red River)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2119_00	23.35	20.6.4.122	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_11	0.68	20.6.4.114	2017	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs in Fish Tissue	
Turbidity	2007

- Probable Sources of Impairment:**
- Atmospheric Deposition - Toxics
 - Highway/Road/Bridge Runoff (Non-construction Related)
 - Irrigated Crop Production
 - Loss of Riparian Habitat
 - Natural Sources
 - Rangeland Grazing
 - Source Unknown

Assessment Unit Comments:

TMDL for turbidity. The "PCB in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande del Rancho (HWY 518 to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_500	13.5	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_501	11.5	20.6.4.123	2009	2004	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Specific Conductance	2004

Probable Sources of Impairment:
Flow Alterations from Water Diversions
Habitat Modification - other than Hydromodification
Highways, Roads, Bridges, Infrastructure (New Construction)
Natural Sources
Streambank Modifications/destablization

Assessment Unit Comments: TMDL for specific conductance.

Rio Hondo (Lake Fork Creek to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_607	1.7	20.6.4.129	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Hondo (Rio Grande to USFS bnd)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_600	8.5	20.6.4.129	2009	2004	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Rangeland Grazing
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for temperature.

Rio Hondo (South Fork Rio Hondo to Lake Fork Creek)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_602	3.88	20.6.4.129	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

A waste load allocation for nutrients was previously completed for the Rio Hondo in 1981. Recent stream surveys (2000-2004) have found that the Rio Hondo near the Village of Taos Ski Valley fully supports its designated uses. The Village of Taos Ski Valley has plans to increase their capacity and effluent discharge into the river so the SWQ developed a revised nutrient TMDL for this reach that defines a waste load allocation for the Village of Taos Ski Valley such that increased discharge from the waste water treatment plant will not cause violations of the water quality standards protecting the Rio Hondo.

Rio Hondo (USFS bnd to South Fork Rio Hondo)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_601	4.43	20.6.4.129	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Medio (Rio Frijoles to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_53	16.83	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Nambe (Nambe Pueblo bnd to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_43	8.46	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Reach is difficult to access.

Rio Pueblo (Picuris Pueblo bnd to headwaters)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_410	18.5	20.6.4.123	2009	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Loss of Riparian Habitat
 Other Recreational Pollution Sources
 Rangeland Grazing
 Streambank Modifications/destablization

Assessment Unit Comments:

Additional data is needed to determine cause of bio impairment (flow and temperature possible)

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2119_30	5.51	20.6.4.122	2009	2004	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2004
Temperature, water	2004

Probable Sources of Impairment:
Crop Production (Crop Land or Dry Land)
Highway/Road/Bridge Runoff (Non-construction Related)
Highways, Roads, Bridges, Infrastructure (New Construction)
Rangeland Grazing

Assessment Unit Comments:

TMDL for temperature and sedimentation/siltation (SBD).

Rio Pueblo de Taos (R Grande del Rancho to Taos Pueblo bnd) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_511	2.79	20.6.4.123	2017	2004	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Specific Conductance	2004
Temperature, water	2004

Probable Sources of Impairment:
Habitat Modification - other than Hydromodification
Loss of Riparian Habitat
Rangeland Grazing
Source Unknown

Assessment Unit Comments: TMDL for temperature.

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

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2119_20	2.38	20.6.4.122	2009	2004	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2004

Probable Sources of Impairment:
Flow Alterations from Water Diversions
Habitat Modification - other than Hydromodification
Other Recreational Pollution Sources
Rangeland Grazing

Assessment Unit Comments:

TMDL for temperature.

Rio Quemado (Rio Arriba Cnty bnd to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_120	11.1	20.6.4.123	2009	2002	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_52	3.8	20.6.4.121	2009	2008	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Santa Barbara (non-pueblo Embudo Ck to USFS bnd)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_419	4.22	20.6.4.123	2009	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)	
Turbidity	2004

Probable Sources of Impairment:

Loss of Riparian Habitat
 Rangeland Grazing
 Site Clearance (Land Development or Redevelopment)
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity. The mileage is an over estimate because it includes the non-pueblo portions through the checkerboard area of private in holdings.

Rio Santa Barbara (USFS bnd to confl of E and W forks)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_420	4	20.6.4.123	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Tesuque (Pojoaque Pueblo to Tesuque Pueblo bnd)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_30	1.2	20.6.4.114	2009	2004	2

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Marginal CWAL and WWAL may not be attainable -- reach may not be perennial.

Rio Tesuque (Tesuque Pueblo to Tesuque Creek)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_31	1.99	20.6.4.114	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rito de la Olla (Rio Grande del Rancho to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_503	13.59	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Romero Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_05	2	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

San Cristobal Creek (Rio Grande to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_680	9.64	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

San Leonardo Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_14	3.49	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Sanchez Canyon (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_822	5.98	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Santa Clara Creek (Santa Clara Pueblo bnd to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_110	3.5	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Santa Cruz Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.B_00	100.81	20.6.4.121	2009	2004	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Santa Cruz River (San Clara Pueblo bnd to Santa Cruz Dam)

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_50	8.1	20.6.4.114	2009	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Sedimentation/Siltation	2005
-------------------------	------

Probable Sources of Impairment:

Dam Construction (Other than Upstream Flood Control Projects)
 Flow Alterations from Water Diversions
 Irrigated Crop Production

Assessment Unit Comments:

Insufficient data collected during 2001 survey to determine if sedimentation listing is correct

Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_51	0.96	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Serpent Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_95	3	20.6.4.99	2009	1998	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to assess for impairments.

South Fork Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_58	2	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

South Fork Rio Hondo (Rio Hondo to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_608	4.2	20.6.4.129	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

South Fork Tesuque Creek (Tesuque Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_33	2.03	20.6.4.121	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Tesuque Creek (Rio Tesuque to confl of forks)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_31	1.44	20.6.4.121	2009	2008	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Industrial water supply and municipal water supply may not be appropriate for this stream reach. Previously named Tesuque Creek (Little Tesuque to confl of forks).

Trampas Creek (Rio Embudo to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_401	16.8	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Trampas Lake (East)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_86	6	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Trampas Lake (West)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_85	4	20.6.4.123	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Ute Creek (Costilla Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_821	7.01	20.6.4.123	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Vidal Creek (Comanche Creek to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_841	4.86	20.6.4.123	2017	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: ONRW status for surface waters in the Valle Vidal as of February 2006.

Walnut Canyon (Pueblo Canyon to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_004	0.83	20.6.4.98	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

PCBs	2012
------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Very limited data exist. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

West Fk Rio Santa Barbara (R Santa Barbara to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_422	5.58	20.6.4.123	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

West Fork Red River (Red River to headwaters)**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_713	1.4	20.6.4.123	2009	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Williams Lake**Upper Rio Grande**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.B_75	7.88	20.6.4.123	2009	1998	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to re-assess for impairments.

HUC: 13020102**Rio Chama**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2113_50	12.93	20.6.4.116	2014	2000	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life

Not Supporting

Irrigation

Fully Supporting

Livestock Watering

Not Assessed

Secondary Contact

Fully Supporting

Warmwater Aquatic Life

Not Supporting

Wildlife Habitat

Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Oxygen, Dissolved

2004

Probable Sources of Impairment:On-site Treatment Systems (Septic Systems and
Similar Decentralized Systems)
Rangeland Grazing**Assessment Unit Comments:**

TMDL for dissolved oxygen

Abiquiu Reservoir**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2114_00	6809.6	20.6.4.117	2012	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue	
Oxygen, Dissolved	2017
PCBs in Fish Tissue	

Probable Sources of Impairment:

Contaminated Sediments
Inappropriate Waste Disposal
Source Unknown

Assessment Unit Comments:

The Mercury and PCB in fish tissue listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Beaver Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_012	3	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Burns Lake (Rio Arriba)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_025	2.5	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Canjilon Ck (Perennial portions Abiquiu Rsrv to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_030	30.63	20.6.4.119	2012	2010	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2011
Specific Conductance	2011
Temperature, water	2011
Turbidity	2011

Probable Sources of Impairment:

Agriculture
 Flow Alterations from Water Diversions
 Loss of Riparian Habitat
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

Benthic macroinvertebrate data are needed to confirm the turbidity listing. Periphyton and sonde deployment should occur to confirm the nutrient listing. The 2007 thermograph may have been in a non-perennial reach. HQCW use may not be attainable on this stream reach and will be reviewed.

Canjilon Lake (a)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_10	5.85	20.6.4.119	2012	1998	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Data are old. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. The applicable criterion for E. coli was exceeded.

Canjilon Lake (b)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_11	1.7	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Canjilon Lake (c)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_12	3	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Canjilon Lake (d)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_13	1.3	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Canjilon Lake (e)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_14	6.45	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Canjilon Lake (f)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_15	2.3	20.6.4.119	2012	1998	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Data are old.

Cañones Creek (Abiquiu Reservoir to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_010	17.44	20.6.4.119	2012	2000	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2004
Fecal Coliform	2004
Turbidity	2004

Probable Sources of Impairment:

- Loss of Riparian Habitat
- Natural Sources
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Rangeland Grazing
- Silviculture Harvesting
- Streambank Modifications/destablization

Assessment Unit Comments: TMDLs for AI chronic, turbidity, and fecal coliform.

Cañones Creek (Rio Chama to Jicarilla Apache bnd)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_100	8.35	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_042	5.05	20.6.4.119	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_081	12.59	20.6.4.119	2012	2000	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Channelization
Habitat Modification - other than Hydromodification
Loss of Riparian Habitat

Assessment Unit Comments:

TMDL for temperature (approved by EPA March 2004)

Chihuahueros Creek (Cañones Creek to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_016	9.34	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Delist for SBD (sedimentation/siltation) (sedimentation/siltation) (draft Tt March 2004)

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_043	3.55	20.6.4.119	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Cold Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_031	1.5	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_022	13.7	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Delist for SBD (sedimentation/siltation) (draft Tt March 2004)

Deep Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_035	4	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

East Fork Rio Brazos (Jicarilla Apache bnd to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_088	6.74	20.6.4.119	2012	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

El Rito Creek (HWY 554 to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_20	13.17	20.6.4.115	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: De-list for plant nutrients, turbidity, and aluminum (draft Tt March 2004)

El Rito Creek (Perennial reaches below HWY 554)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2113_40	21.04	20.6.4.116	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: This AU is likely not perennial. It went dry during the last intensive survey.

El Vado Reservoir**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2117_00	3222.27	20.6.4.120	2012	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Oxygen, Dissolved	2017
-------------------	------

Assessment Unit Comments:

Ensenada Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_040	2.8	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Heron Reservoir**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2117_10	4741.88	20.6.4.120	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Hopewell Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.B_00	16.13	20.6.4.115	2012	2000	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
---	------

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
Other Recreational Pollution Sources
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

Jarosa Creek (Rio Vallecitos to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_01	6.64	20.6.4.115	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Lagunitas Lake #1**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_063	7.9	20.6.4.123	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Lagunitas Lake #2**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_064	3.62	20.6.4.123	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Lagunitas Lake #3**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_065	12.22	20.6.4.123	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Little Willow Creek (Rio Chama to to Jicarilla Apache bnd)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_120	0.4	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_111	2.88	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Rio Grande Cutthroat Trout restoration in 1982 by NMG&F.

Nabor Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_20	4	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Nutrias Lake A (Trout Lake A)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_30	0.9	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Nutrias Lake B (Trout Lake B)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_31	1	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Nutrias Lake C (Trout Lake C)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_32	4.06	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Nutrias Lake D (Trout Lake D)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_33	0.8	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Nutrias Lake E (Trout Lake E)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_34	3.07	20.6.4.119	2012		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Placer Creek (Hopewell Lake to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_03	2.39	20.6.4.115	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: TMDL was developed for AI acute.

Placer Creek (Rio Vallecitos to Hopewell Lake)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_02	2.42	20.6.4.115	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_023	12.16	20.6.4.119	2012	2000	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2004
-----------	------

Probable Sources of Impairment:

Forest Roads (Road Construction and Use)
Loss of Riparian Habitat
Natural Sources
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_011	13.94	20.6.4.119	2012	2000	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	2009
Temperature, water	2004

Probable Sources of Impairment:

Loss of Riparian Habitat
Natural Sources
Off-road Vehicles
Rangeland Grazing

Assessment Unit Comments:

TMDL for temperature.

Rio Brazos (Chavez Creek to Jicarilla Apache bnd)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_084	22.97	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_080	3.52	20.6.4.119	2012	2000	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Channelization
Dredging (E.g., for Navigation Channels)
Loss of Riparian Habitat

Assessment Unit Comments:

TMDL for temperature (approved by EPA March 2004)

Rio Capulin (Rio Gallina to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_041	12.1	20.6.4.119	2012	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2010
---------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Rio Cebolla (Rio Chama to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_050	19.2	20.6.4.119	2012	2000	2

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

This AU is likely not perennial. It went dry during the last intensive survey.

Rio Chama (Abiquiu Reservoir to El Vado Reservoir)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2115_00	39.23	20.6.4.118	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life

Fully Supporting

Irrigation

Fully Supporting

Livestock Watering

Fully Supporting

Secondary Contact

Not Assessed

Warmwater Aquatic Life

Fully Supporting

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Chama (El Vado Reservoir to Rio Brazos)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_000	14.95	20.6.4.119	2012	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2011
E. coli	2011
Nutrient/Eutrophication Biological Indicators	2011
Temperature, water	2011
Turbidity	2014

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

A sonde should be deployed to confirm the nutrient impairment.

Rio Chama (Little Willow Creek to CO border)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_002	9.92	20.6.4.119	2012	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2011
E. coli	2011
Temperature, water	2011

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Rio Chama (Ohkay Owingeh to Abiquiu Dam)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2113_00	28.3	20.6.4.116	2014	2000	1

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

De-list for AI chronic (draft Tt March 2004)

Rio Chama (Rio Brazos to Little Willow Creek)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_001	11.72	20.6.4.119	2014	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2011
E. coli	2011
Nutrient/Eutrophication Biological Indicators	2011
Temperature, water	2004
Turbidity	2014

Probable Sources of Impairment:

Flow Alterations from Water Diversions
 Loss of Riparian Habitat
 Rangeland Grazing
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for temperature. Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Rio Chamita (Rio Chama to CO border)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_110	13.68	20.6.4.119	2012	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2011
Ammonia (Un-ionized)	2011
E. coli	2011
Nutrient/Eutrophication Biological Indicators	2011
Temperature, water	2004
Turbidity	2011

Probable Sources of Impairment:

- Flow Alterations from Water Diversions
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Natural Sources
- Rangeland Grazing
- Source Unknown
- Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for ammonia, total phosphorus, fecal coliform, temp (1999), and aluminum (2004); de-list for total phosphorus because of WQS change.

Rio del Oso (Rio Chama to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_10	17.36	20.6.4.115	2014	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: This AU is likely not perennial. It went dry during the last intensive survey.

Rio Gallina (HWY 96 to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_040	8.77	20.6.4.119	2012	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Gallina (Rio Chama to HWY 96)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2115_10	24.38	20.6.4.118	2012		2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Nutrias (Rio Chama to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_060	34.63	20.6.4.119	2012	2000	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Turbidity	2004

Probable Sources of Impairment:
Crop Production (Crop Land or Dry Land)
Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments: TMDL for turbidity.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2113_10	22.33	20.6.4.116	2012	2000	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

De-list for AI chronic and SBD (draft Tt March 2004)

Rio Puerco de Chama (Abiquiu Reservoir to HWY 96)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2115_20	8.81	20.6.4.118	2012	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2011
E. coli	2011
Nutrient/Eutrophication Biological Indicators	2011
Temperature, water	2011

Probable Sources of Impairment:

Loss of Riparian Habitat
 Rangeland Grazing
 Source Unknown

Assessment Unit Comments:

Sonde and chlorophyll data are needed to confirm the nutrient listing.

Rio Puerco de Chama (HWY 96 to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_020	12.2	20.6.4.119	2012	2010	1

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Tusas (Rio Vallecitos to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2113_30	42.9	20.6.4.116	2012	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2011
---	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Rio Vallecitos (Rio Tusas to headwaters)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2112.A_00	36.31	20.6.4.115	2012	2000	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2004
Temperature, water	2004
Turbidity	2004

Probable Sources of Impairment:

- Channelization
- Highway/Road/Bridge Runoff (Non-construction Related)
- Irrigated Crop Production
- Loss of Riparian Habitat
- Natural Sources
- Other Recreational Pollution Sources
- Rangeland Grazing
- Streambank Modifications/destablization
- Surface Mining

Assessment Unit Comments: TMDL for AI chronic, temperature, and turbidity

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_072	6.46	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rito de Tierra Amarilla (Rio Chama to HWY 64)

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_070	15.8	20.6.4.119	2012	2000	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2004
Temperature, water	2004
Turbidity	2004

Probable Sources of Impairment:
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

TMDLs for temperature, turbidity, and SBD (sedimentation/siltation)

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_021	9.97	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rito Redondo (Rito Resumidero to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_026	2.24	20.6.4.119	2014	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_025	2.75	20.6.4.119	2012	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_112	1.19	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Tonita Lake**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.B_40	1	20.6.4.119	2009		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

West Fork Rio Brazos (Jicarilla Apache bnd to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_087	5.94	20.6.4.119	2012	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Willow Creek (Jicarilla Apache bnd to headwaters)**Rio Chama**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_140	13.91	20.6.4.119	2012	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2116.A_130	0.8	20.6.4.119	2012	2000	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13020201**Rio Grande-Santa Fe**

Alamo Canyon (Rio Grande to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_71	14.65	20.6.4.121	2014	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Alamo Creek (Cienega Creek to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2110_20	6.45	20.6.4.113	2014	2004	3

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Ancho Canyon (North Fork to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_046	4.46	20.6.4.128	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

PCBs	2012
------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Ancho Canyon (Rio Grande to North Fork Ancho)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_054	2.39	20.6.4.128	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Arroyo de la Delfe (Pajarito Canyon to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_16	0.61	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012
Mercury	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Cañada del Buey (San Ildefonso Pueblo to LANL bnd)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_053	1.61	20.6.4.98	2017	2010	3

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_00	5.17	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

- Industrial Point Source Discharge
- Natural Sources
- Post-development Erosion and Sedimentation
- Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_01	2.41	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

- Contaminated Sediments
- Natural Sources
- Source Unknown
- Watershed Runoff following Forest Fire

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-126.A_00	0.29	20.6.4.126	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:
 Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Cañon de Valle (upper LANL bnd to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_051	3.56	20.6.4.98	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Cañon de Valle (within LANL above Burning Ground Spr)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_02	1.02	20.6.4.128	2017	2010	3

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Capulin Creek (Rio Grande to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_72	13.14	20.6.4.121	2014	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

The 1996 Dome Fire extensively burned this watershed, leading to increased erosion of the already erosive natural geology in the area (Bandelier Tuff).

Chaquehui Canyon (within LANL)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_03	2.52	20.6.4.128	2017	2010	2

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Very limited data available. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Cienega Creek (Santa Fe River to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2110_10	4.4	20.6.4.113	2014	2008	1

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Fence Canyon (above Potrillo Canyon)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_04	2.92	20.6.4.128	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Galisteo Ck (Perennial reaches abv Kewa Pueblo bnd)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_10	43.5	20.6.4.121	2010	2004	5/5B

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Specific Conductance	2010
Temperature, water	2010

Probable Sources of Impairment:

Loss of Riparian Habitat
 Natural Sources
 Rangeland Grazing
 Streambank Modifications/destablization

Assessment Unit Comments:

HQCW use and associated criteria may not be attainable. WQS under review.

Indio Canyon (above Water Canyon)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_05	1.17	20.6.4.128	2017	2010	3

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Las Huertas Ck (perennial prt Santa Ana Pueblo bnd to hdwts)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2108.5_00	15.5	20.6.4.111	2014	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2010
Turbidity	2010

Probable Sources of Impairment:

Flow Alterations from Water Diversions
 Source Unknown
 Streambank Modifications/destablization
 Wastes from Pets

Assessment Unit Comments:

Lummis Canyon (Upper Trail to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-97.A_001	1	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This AU is considered "not assessed" because there were only data from one sampling event. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Medio Creek (Rio Grande to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_73	6.27	20.6.4.121	2014	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Mortandad Canyon (within LANL)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_042	4.27	20.6.4.128	2017	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

Impervious Surface/Parking Lot Runoff
Inappropriate Waste Disposal
Industrial Point Source Discharge
Natural Sources
Post-development Erosion and Sedimentation
Watershed Runoff following Forest Fire

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

North Fork Ancho Canyon (Ancho Canyon to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_055	3.73	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Very limited data exist. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Pajarito Canyon (Arroyo de La Delfe to Starmers Spring)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-126.A_01	0.33	20.6.4.126	2017	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

Spring fed. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Pajarito Canyon (Rio Grande to LANL bnd)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_040	2.84	20.6.4.98	2017	2010	2

Use Information:

Designated Use (s):	Attainment:
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Pajarito Canyon (upper LANL bnd to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_048	2.54	20.6.4.98	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Livestock Watering	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:
 Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_07	1.12	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

- Inappropriate Waste Disposal
- Natural Sources
- Post-development Erosion and Sedimentation
- Watershed Runoff following Forest Fire

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_08	6.88	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

- Inappropriate Waste Disposal
- Natural Sources
- Post-development Erosion and Sedimentation
- Source Unknown
- Watershed Runoff following Forest Fire

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Potrillo Canyon (above Water Canyon)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_09	6.24	20.6.4.128	2017	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Rio Chiquito (Cochiti Pueblo bnd to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_041	3.3	20.6.4.98	2014	2004	3

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Rio Grande (Cochiti Reservoir to San Ildefonso bnd)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2111_00	18	20.6.4.114	2014	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs in Fish Tissue	
Turbidity	2007

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Contaminated Sediments
- Inappropriate Waste Disposal
- Natural Sources
- Source Unknown

Assessment Unit Comments:

The "PCB in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande (non-pueblo Angostura Div to Cochiti Rsrv)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2108_00	0.6	20.6.4.110	2014	2004	2

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105.1_02	1.57	20.6.4.106	2014	2010	1

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

TMDL for fecal coliform. De-listed for fecal coliform because this criteria was replaced with E. coli during the 2005 triennial.

Rito de los Frijoles (Rio Grande to Upper Crossing)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_70	9	20.6.4.121	2014	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
DDT in Fish Tissue	

Probable Sources of Impairment:
Inappropriate Waste Disposal
Natural Sources
Other Spill Related Impacts

Assessment Unit Comments:

Domestic water supply, industrial water supply, and municipal water supply may not be existing uses for this stream reach. DDT levels were measured in fish tissue in 2001. The levels warrant a state fish tissue advisory. The National Park Service continues to have a fishing ban in effect.

Rito de los Frijoles (Upper Crossing to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_74	2	20.6.4.121	2014	2004	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
----------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

San Cristobal Creek (Galisteo Creek to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_11	24.5	20.6.4.98	2014	2004	3

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

San Pedro Creek (San Felipe bnd to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_004	24.1	20.6.4.125	2014	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Site Clearance (Land Development or Redevelopment)
Source Unknown

Assessment Unit Comments:

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_047	2.21	20.6.4.126	2017	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
Mercury	2012
PCBs	2012

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Inappropriate Waste Disposal
- Landfills
- Post-development Erosion and Sedimentation
- Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Sandia Canyon (within LANL below Sigma Canyon)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_11	3.43	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012
Mercury	2012
PCBs	2012

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Inappropriate Waste Disposal
- Natural Sources
- Post-development Erosion and Sedimentation
- Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Santa Fe Lake**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.B_30	6	20.6.4.121	2009	1998	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This lake is in the upper portion of the Santa Fe Municipal Watershed. Access is restricted to protect the water supply reservoirs, so primary contact and secondary contact uses should not be existing uses. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to re-assess for impairments.

Santa Fe River (Nichols Reservoir to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2118.A_21	8.2	20.6.4.121	2014	2004	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Several exceedences of the acute and chronic criteria for dissolved aluminum were measured between 2000-2003. The complete assessment of this data is not yet complete at the time of this writing (04/08/04).

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2110_02	7.7	20.6.4.113	2014	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2010
Oxygen, Dissolved	2001
Sedimentation/Siltation	2000
Turbidity	2010

Probable Sources of Impairment:

Impacts from Abandoned Mine Lands (Inactive)
 Municipal (Urbanized High Density Area)
 Municipal Point Source Discharges
 Rangeland Grazing
 Source Unknown

Assessment Unit Comments:

TMDL for SBD (sedimentation/siltation), DO, pH, and chlorine. De-list for pH and chlorine. Identified nutrient impairment may be the cause of low DO.

Santa Fe River (Paseo del Canon to Santa Fe WWTP)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2110_00	4.64	20.6.4.113	2014	2008	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2010
Oxygen, Dissolved	2001

Assessment Unit Comments:

TMDL for SBD (sedimentation/siltation), DO, pH, and chlorine. De-list for pH, chlorine, and sedimentation. Identified nutrient impairment may be the cause of low DO. Sonde data needed. Santa Fe River below the WWTP is effluent-dominated.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_061	14.2	20.6.4.98	2014	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Supporting
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2010
E. coli	2010
PCBs	2010

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Contaminated Sediments
- Inappropriate Waste Disposal
- Municipal (Urbanized High Density Area)
- Source Unknown
- Urban Runoff/Storm Sewers

Assessment Unit Comments:

McClure and Nichols Reservoirs impound water on the Santa Fe River for municipal water supply purposes. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Ten Site Canyon (Mortandad Canyon to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_17	1.51	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Arsenic	2012
Copper	2012
Gross Alpha - Adjusted	2012
PCBs	2012
Silver	2012
Zinc	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Three Mile Canyon (Pajarito Canyon to headwaters)

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_091	2.19	20.6.4.128	2017	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2012
Copper	2012
Gross Alpha - Adjusted	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB. This AU is noted as category 5C because the availability of concurrent-hardness data needs to be determined and utilized when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria.

Two Mile Canyon (Pajarito to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_15	4.88	20.6.4.128	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Water Canyon (Area-A Canyon to NM 501)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-126.A_03	1.26	20.6.4.126	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
----------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Water Canyon (Rio Grande to lower LANL bnd)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_044	0.54	20.6.4.98	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Water Canyon (upper LANL bnd to headwaters)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_052	2.84	20.6.4.98	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
----------	------

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98. Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Water Canyon (within LANL above NM 501)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_12	0.5	20.6.4.128	2017	2010	3

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

Water Canyon (within LANL below Area-A Cyn)**Rio Grande-Santa Fe**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-128.A_13	8.58	20.6.4.128	2017	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2012
Gross Alpha - Adjusted	2012
PCBs	2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the next survey date is noted as 2017, SWQB does not plan monitoring of these watersheds in the next ten years. However, ongoing water quality data will continue to be collected on the Pajarito Plateau by LANL and NMED DOE-OB.

HUC: 13020202**Jemez**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_44	4.81	20.6.4.98	2012	2000	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

De-list for SBD (sedimentation/siltation) (sedimentation/siltation), temperature, and turbidity. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_53	9.2	20.6.4.108	2013	2008	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

De-listed for SBD in 2008.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_54	8.92	20.6.4.108	2013	2008	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Highway/Road/Bridge Runoff (Non-construction Related)
Rangeland Grazing
Site Clearance (Land Development or Redevelopment)
Source Unknown

Assessment Unit Comments:

TMDL for turbidity and TOC (2003).

East Fork Jemez (San Antonio Creek to VCNP bnd)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_13	10.39	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
Arsenic	2009
Temperature, water	2009

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Natural Sources
 Other Recreational Pollution Sources

Assessment Unit Comments:

TMDLs for turbidity (2003). TMDLs for temperature and arsenic (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

East Fork Jemez (VCNP to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_10	8.66	20.6.4.108	2013	2004	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2006
Oxygen, Dissolved	2006
pH	2006
Temperature, water	2006
Turbidity	2003

Probable Sources of Impairment:

Natural Sources
 Other Recreational Pollution Sources
 Rangeland Grazing
 Silviculture Harvesting
 Streambank Modifications/destablization
 Upstream Impoundments (e.g., PI-566 NRCS Structures)
 Wildlife Other than Waterfowl

Assessment Unit Comments:

TMDLs for turbidity (2003) and temperature (2006). Assessment based on DO sonde and grab data have conflicting results. These impairments may be due to excessive nutrients. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Fenton Lake**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.B_00	23.81	20.6.4.108	2013	2000	5/5C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
---	------

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing

Assessment Unit Comments:

Jaramillo Creek (East Fork Jemez to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_12	10.01	20.6.4.108	2013	2004	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2006
Temperature, water	2006
Turbidity	2006

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Natural Sources
 Rangeland Grazing
 Streambank Modifications/destablization
 Wildlife Other than Waterfowl

Assessment Unit Comments:

TMDLs were prepared for temperature and turbidity (2006). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Jemez River (Jemez Pueblo bnd to Rio Guadalupe)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_71	1.9	20.6.4.107	2013	2000	5/5B

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2009
Arsenic	2009
Boron	2009
Oxygen, Dissolved	2015
Turbidity	2015

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

TMDLs for arsenic and boron (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels. Coldwater aquatic life use and associated criteria may not be attainable on this reach of the Jemez River and are under review.

Jemez River (Rio Guadalupe to Soda Dam nr Jemez Springs) Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105.5_10	9.67	20.6.4.107	2013	2008	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2003
Arsenic	2009
Boron	2009
Nutrient/Eutrophication Biological Indicators	2009
Temperature, water	2009
Turbidity	

Probable Sources of Impairment:

- Highway/Road/Bridge Runoff (Non-construction Related)
- Loss of Riparian Habitat
- Natural Sources
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Other Recreational Pollution Sources
- Rangeland Grazing
- Site Clearance (Land Development or Redevelopment)
- Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for AI acute (2003), turbidity, and SBD (1999) (sedimentation/siltation). De-listed for SBD in 2008. TMDLs for arsenic, boron, plant nutrients, and temperature (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Jemez River (Soda Dam nr Jemez Springs to East Fork)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_00	3.4	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2003
Arsenic	2009
pH	2009
Temperature, water	2009
Turbidity	2009

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Natural Sources
 Other Recreational Pollution Sources
 Rangeland Grazing
 Site Clearance (Land Development or Redevelopment)
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for AI (2003), turbidity, and SBD (1999) (sedimentation/siltation); de-list letter for plant nutrients. De-listed for SBD in 2008. TMDL for arsenic (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels. Temperature and pH may be influenced by geothermal groundwater inputs.

Jemez River (Zia Pueblo bnd to Jemez Pueblos bnd)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_75	3.69	20.6.4.106	2013	2008	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Arsenic	2009
Boron	2009

Probable Sources of Impairment:
Natural Sources
Source Unknown

Assessment Unit Comments:

TMDLs for arsenic and boron (2009).

La Jara Creek (East Fork Jemez to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_11	5.31	20.6.4.108	2013	2004	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2006
----------	------

Probable Sources of Impairment:

Natural Sources

Assessment Unit Comments:

Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Redondo Creek (Sulphur Creek to VCNP bnd)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_21	0.73	20.6.4.108	2013	2008	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2003
-----------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Rangeland Grazing

Assessment Unit Comments:

TMDL for turbidity, total phosphorus, and temperature; de-list letter for total phosphorus. De-listed for temperature in 2008.

Redondo Creek (VCNP bnd to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_25	5.32	20.6.4.108	2013	2004	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2006
Temperature, water	2003
Turbidity	2003

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Natural Sources
 Rangeland Grazing

Assessment Unit Comments:

TMDL for turbidity, total phosphorus, and temperature. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Rio Cebolla (Fenton Lake to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_52	14.63	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
Sedimentation/Siltation	2003
Turbidity	

Probable Sources of Impairment:

Aquaculture (Permitted)
 Highway/Road/Bridge Runoff (Non-construction Related)
 Natural Sources
 Other Recreational Pollution Sources
 Rangeland Grazing
 Source Unknown

Assessment Unit Comments:

TMDL for temperature and SBD (sedimentation/siltation). Rio Grande Cutthroat restoration in 1994 by NMG&F. De-listed for temperature 2008. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels. Naturally-occurring fine gravel tuff substrate may be contributing to a low benthic macroinvertebrate score.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_50	6.07	20.6.4.108	2013	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

TMDL for SBD (sedimentation/siltation). De-list for sedimentation/siltation in 2008.

Rio de las Vacas (Clear Creek to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_46	10.52	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
----------	------

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Rio de las Vacas (Rio Cebolla to Clear Creek)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_40	13.42	20.6.4.108	2012	2008	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2009
Temperature, water	2003

Probable Sources of Impairment:

Loss of Riparian Habitat
 Rangeland Grazing
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for temperature and TOC (2003). A TMDL was prepared for plant nutrients (2009).

Rio Guadalupe (Jemez River to conflu with Rio Cebolla)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_30	12.65	20.6.4.108	2013	2008	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2003
Temperature, water	2009

Probable Sources of Impairment:

Loss of Riparian Habitat
Natural Sources

Assessment Unit Comments:

TMDL for Al chronic (2003), turbidity, and SBD (1999) (sedimentation/siltation); de-list letter for total phosphorus. De-listed for sedimentation/siltation in 2008. A TMDL was prepared for temperature (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Rito de las Palomas (Rio de las Vacas to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_43	5.61	20.6.4.108	2012	2008	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Sedimentation/Siltation	2003
Temperature, water	2003
Turbidity	2015

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Rangeland Grazing
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDLs were prepared for temperature and sedimentation/siltation (2009).

Rito de los Indios (San Antonio Creek to headwaters)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_24	4.47	20.6.4.108	2013	2004	5/5B

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2006
----------	------

Probable Sources of Impairment:

Natural Sources

Assessment Unit Comments:

Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

Rito Peñas Negras (Rio de las Vacas to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_42	11.78	20.6.4.108	2013	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2009
Sedimentation/Siltation	2003
Temperature, water	2003
Turbidity	2015

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Rangeland Grazing
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for temperature, TOC, and SBD (sedimentation/siltation) (2003). A TMDL was prepared for plant nutrients (2009). Benthic macroinvertebrate data are needed to confirm the turbidity listing.

San Antonio Creek (East Fork Jemez to VCNP bnd)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_20	11.28	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Not Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
Arsenic	2009
Temperature, water	2009
Turbidity	2015

Probable Sources of Impairment:

Forest Roads (Road Construction and Use)
 Loss of Riparian Habitat
 Natural Sources
 Other Recreational Pollution Sources
 Rangeland Grazing
 Site Clearance (Land Development or Redevelopment)
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity and temperature (2003). TMDL for arsenic (2009). Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

San Antonio Creek (VCNP bnd to headwaters)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_26	15.63	20.6.4.108	2013	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Oxygen, Dissolved	2009
pH	2009
Temperature, water	2003

Probable Sources of Impairment:

Forest Roads (Road Construction and Use)
 Loss of Riparian Habitat
 Other Recreational Pollution Sources
 Rangeland Grazing
 Site Clearance (Land Development or Redevelopment)
 Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for temperature (2003). Assessment based on DO sonde data and grab data do not agree. DO and pH impairment may be due to excess nutrients.

San Gregorio Lake**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.B_10	35.73	20.6.4.108	2013	2000	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This reservoir has a headgate on one end of the dam that is the beginning of Nacimiento Creek (Rio Puerco Watershed). The dam also has a spillway that empties into Clear Creek, which is in the Jemez watershed. The water level currently (June 2004) does not reach this spillway. This lake was sampled as part of the 2004 Rio Puerco study.

Sulphur Creek (Redondo Creek to VCNP bnd)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_22	4	20.6.4.124	2013	2004	3

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

TMDL were previously prepared for pH and conductivity. Sulphur Creek was broken out as a separate water quality standard segment (NMAC 20.6.4.124) as a result of unique, naturally low pH conditions, with a segment specific pH range of 2.0 to 9.0. The aquatic life use was also changed from high quality coldwater to limited aquatic life, thus removing the specific conductance criterion. Therefore, pH and specific conductivity were removed as causes on non support.

Sulphur Creek (San Antonio Creek to Redondo Creek)

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_27	11.3	20.6.4.108	2013	2008	5/5B

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
pH	2009
Specific Conductance	2009
Turbidity	2015

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

Revised pH and specific conductance are proposed for this AU in the 2009 triennial review, so TMDLs are not warranted at this time. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; WQS criteria are under review to identify appropriate/attainable levels. In addition, the low pH in this AU is likely contributing to increased metals concentrations.

Sulphur Creek (VCNP to headwaters)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2106.A_23	4	20.6.4.124	2013	2004	5/5B

Use Information:**Designated Use (s):****Attainment:**

Limited Aquatic Life	Not Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2006
----------	------

Assessment Unit Comments:

TMDL were previously prepared for pH and conductivity. Sulphur Creek was broken out as a separate water quality standard segment (NMAC 20.6.4.124) as a result of unique, naturally low pH conditions, with a segment specific pH range of 2.0 to 9.0. The aquatic life use was also changed from high quality coldwater to limited aquatic life, thus removing the specific conductance criterion. Therefore, pH and specific conductivity were removed as causes on non support. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels. The low pH in this assessment unit is likely contributing to increased metals concentrations.

Vallecito Ck (Jemez Pueblo bnd to Div abv Ponderosa)**Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105.5_20	3	20.6.4.98	2013	2000	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Vallecito Ck (Perennial Prt Div abv Ponderosa to headwaters) Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105.5_21	11.7	20.6.4.107	2013	2008	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2009
Turbidity	2015

Probable Sources of Impairment:
Natural Sources
Source Unknown

Assessment Unit Comments:

This portion of Vallecito Creek that flows through Paliza Canyon is sometimes referred to as Paliza Creek. According to the US Geological Survey, the official name is Vallecito Creek above the diversion. Natural conditions contribute to high aluminum concentrations throughout the Jemez and impacts to aquatic life are unclear; aluminum criteria are under review to identify appropriate/attainable levels.

HUC: 13020203**Rio Grande-Albuquerque**

Abo Arroyo (Rio Grande to headwaters)**Rio Grande-Albuquerque**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_40	37.43	20.6.4.103	2014	2008	2

Use Information:**Designated Use (s):****Attainment:**

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This AU is likely not perennial (sampling station dry during 2 of 6 visits). A standing pool was the only observation of water during 1 of the remaining 4 visits. There is a distinct slope break in the AU. Water pools at the bottom up the upper reach that has the more gentle slope. The bottom reach has a steeper slope and appears to clearly be ephemeral per staff that repeatedly visited the site. The AU may need to be split.

Conservancy Park Lake**Rio Grande-Albuquerque**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_032	15	20.6.4.99	2014		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater and Warmwater Aquatic Life are existing uses.

La Joya Lakes**Rio Grande-Albuquerque**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.B_10	166.48	20.6.4.105	2014		3

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rio Grande (Isleta Pueblo bnd to Alameda Bridge)

Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_50	20.4	20.6.4.105	2014	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2009
Oxygen, Dissolved	2013
PCBs in Fish Tissue	
Temperature, water	2013

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Avian Sources (waterfowl and/or other)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Source Unknown
- Wastes from Pets

Assessment Unit Comments:

TMDL for fecal coliform. De-listed for fecal coliform because this criteria was replaced with E. coli during the 2005 triennial. The dissolved oxygen impairment may indicate excessive nutrients. Protocols for nutrients in large rivers are under development. The "PCB in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105.1_00	11.91	20.6.4.106	2014	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Ambient Bioassays -- Acute Aquatic Toxicity	
E. coli	2009
Oxygen, Dissolved	2013
PCBs in Fish Tissue	

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Avian Sources (waterfowl and/or other)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Source Unknown
- Wastes from Pets

Assessment Unit Comments:

TMDL for fecal coliform. De-listed for fecal coliform because this criteria was replaced with E. coli during the 2005 triennial. The dissolved oxygen impairment may indicate excessive nutrients. Protocols for nutrients in large rivers are under development. The "PCB in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande (Rio Puerco to Isleta Pueblo bnd)

Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_40	35.4	20.6.4.105	2014	2010	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2009
Temperature, water	2013

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Source Unknown
- Wastes from Pets

Assessment Unit Comments:

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_10	59.39	20.6.4.105	2014	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2009
E. coli	

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- Natural Sources
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Source Unknown
- Wastes from Pets

Assessment Unit Comments:

Tijeras Arroyo (Rio Grande to headwaters)

Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_001	4.76	20.6.4.99	2014	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)	
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

- Channelization
- Drought-related Impacts
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Rangeland Grazing
- Source Unknown
- Wastes from Pets

Assessment Unit Comments:

This entire AU may not be perennial. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

HUC: 13020204**Rio Puerco**

Arroyo San Jose (Rio Puerco to La Jara Creek)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_39	6.16	20.6.4.98	2011	2006	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

La Jara Creek (Perennial reaches abv Arroyo San Jose)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_46	8.28	20.6.4.109	2011	2006	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum

2007

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments: TMDL for aluminum (2007). The high aluminum values may be naturally occurring in this watershed.

Nacimiento Creek (HWY 126 to San Gregorio Reservoir)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_42	7.75	20.6.4.109	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Nacimiento Creek (Rio Puerco to HWY 126)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_47	8	20.6.4.98	2012		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rio Puerco (Arroyo Chijuilla to northern bnd Cuba)

Rio Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_40	8.2	20.6.4.99	2011	2006	4A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2007
Ammonia (Un-ionized)	2007
Nutrient/Eutrophication Biological Indicators	2007
Sedimentation/Siltation	2007

Probable Sources of Impairment:

Channelization
 Drought-related Impacts
 Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Natural Sources
 Rangeland Grazing
 Streambank Modifications/destablization
 Wildlife Other than Waterfowl

Assessment Unit Comments:

Per an agreement with EPA Region 6, all waters noted as falling under 20.6.4.99 are to be assessed against Warmwater Aquatic Life when data are available even though the above notes as Existing Use of Marginal Warmwater Aquatic Life. There is no difference in applicable criteria between these two uses. TMDLs were prepared for sedimentation, chronic AL, and nutrients (2007).

Rio Puerco (non-pueblo Rio Grande to Arroyo Chijuilla)

Rio Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_20	147	20.6.4.105	2011	2006	2

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Puerco (northern bnd Cuba to headwaters)

Rio Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_44	14	20.6.4.98	2011	2006	2

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Marginal Warmwater Aquatic Life is an existing use. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

This AU is Category 3 (no reliable monitored data and/or information available) with respect to Sedimentation/Siltation. This impairment was de-listed in 2006 based on the following arguments: (1) The original listing was based on best professional judgment, i.e., there were no actual data and thus flaws in the original analysis that led to the AU being listed; and (2) there are currently no data or information available to evaluate the general criteria for Sedimentation/Siltation in this AU.

Rito de los Pinos (Arroyo San Jose to headwaters)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_45	8.77	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Rito Leche (Perennial reaches above HWY 126)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_43	2.9	20.6.4.109	2011	2006	5/5B

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations	
Turbidity	2016

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

There is intermittent flow in reach due to irrigation diversion. This reach may not be perennial.

Rito Leche (Rio Puerco to Hwy 126)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_53	4	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_51	9.7	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_41	11.5	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Intermittent flow below diversions. Flow only in April and May during 2004 survey year. Warmwater Aquatic Life is an existing use. Also, This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

This AU is Category 3 (no reliable monitored data and/or information available) with respect to Sedimentation/Siltation and Nutrient/Eutrophication Biological Indicators. These impairments were de-listed in 2006 based on the following arguments: (1) The original listing was based on best professional judgment, i.e., there were no actual data and thus flaws in the original analysis that led to the AU being listed; and (2) there are currently no data or information available to evaluate the general criteria for Sedimentation/Siltation and Nutrient/Eutrophication Biological Indicators in this AU.

Señorito Creek (Nacimiento Mine to headwaters)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_54	2.9	20.6.4.109	2011	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2016
-----------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Señorito Creek (San Pablo Canyon to Nacimiento Mine)**Rio Puerco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_52	5.2	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 13020206**North Plains**

Laguna Americana**North Plains**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_053	10	20.6.4.98	2011	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Unnamed playa, Cibola County**North Plains**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_105	4	20.6.4.98	2011	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 13020207**Rio San Jose**

Bluewater Creek (Bluewater Rsvr to headwaters)**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_01	17.1	20.6.4.109	2012	2006	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators
Temperature, water

2007
2007

Probable Sources of Impairment:

Forest Roads (Road Construction and Use)
Loss of Riparian Habitat
Rangeland Grazing
Silviculture Harvesting
Streambank Modifications/destablization

Assessment Unit Comments:

TMDLs were prepared for temperature and plant nutrients (2007).

Bluewater Creek (non-tribal Rio San Jose to Bluewater Rsvr)**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_00	2.4	20.6.4.109	2011	2006	4A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2007
Temperature, water	2007

Probable Sources of Impairment:

Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

TMDLS were completed for temperature and nutrients (2007).

Bluewater Lake**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.B_00	610.11	20.6.4.109	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Moquino (Laguna Pueblo to Seboyettia Creek)

Rio San Jose

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_10	3	20.6.4.109	2011	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2007
Sedimentation/Siltation	2006
Temperature, water	2007
Turbidity	2016

Probable Sources of Impairment:

Loss of Riparian Habitat
 Mine Tailings
 Rangeland Grazing
 Source Unknown
 Surface Mining

Assessment Unit Comments:

TMDLs were completed for temperature and nutrients (2007). There may not be adequate flow in the lower portions of this reach to sustain a CWAL.

Rio Paguate (Laguna Pueblo bnd to headwaters)**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_30	10.7	20.6.4.109	2011	2006	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: The USGS gage used to make the original impairment determinations is downstream of Jackpile Mine, which is on pueblo land and not in the AU.

Rio San Jose (Horrace Springs to Grants WWTP)**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_003	8.6	20.6.4.98	2011	2006	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Grants WWTP went to land application so channel now dry.

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Seboyeta Creek (Rio Moquino to headwaters)**Rio San Jose**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2107.A_20	17.08	20.6.4.109	2011		2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13020208**Plains of San Agustin**

Gabaldon Lake**Plains of San Agustin**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_045	5	20.6.4.98	2011	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Leyba Lake**Plains of San Agustin**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_074	7	20.6.4.98	2011	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Part of playa lake study. Data are old. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_095	80	20.6.4.98	2011		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 13020209**Rio Salado**

Rio Salado (non-pueblo lands)**Rio Salado**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_002	6.41	20.6.4.98	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Rio Salado (Rio Grande to Alamo Navajo bnd)**Rio Salado**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_10	44.2	20.6.4.103	2011	2008	1

Use Information:**Designated Use (s):****Attainment:**

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13020211**Elephant Butte Reservoir**

Alamosa Creek (Perennial reaches abv Monticello diversion)**Elephant Butte Reservoir**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_30	13.4	20.6.4.103	2014	2010	2

Use Information:**Designated Use (s):****Attainment:**

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Elephant Butte Reservoir

Elephant Butte Reservoir

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2104_00	6516.56	20.6.4.104	2014	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Mercury in Fish Tissue
PCBs in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Elephant Butte was studied by SWQB in 2003 and 2004 as part of a Clean Water Act 104b3 grant. The results of the study indicate that the reservoir may be subject to eutrophication from nutrient input and as a result of periodic reservoir draw down. Nutrient assessment protocols for lakes and reservoirs to determine impairment of narrative NM's narrative plant nutrient water quality standard are under development. The mercury and PCBs in fish tissue listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern. Land management agencies have posted contact recreation warnings due to toxic blue green algae. SWQB does not have water quality standards or assessment procedures related to blue green algae at this time.

Rio Grande (Elephant Butte Rsvr to San Marcial at USGS)**Elephant Butte Reservoir**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2105_00	23.26	20.6.4.105	2014	2006	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13030101**Caballo**

Caballo Reservoir**Caballo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2102.B_00	8230	20.6.4.104	2012	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Las Animas Creek (perennial portion R Grande to headwaters) Caballo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_50	39.5	20.6.4.103	2012	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Low M-SCI score that lead to biological impairment listing is likely due to inadequate time for recovery following scouring flow prior to sampling.

Palomas Creek (perennial portion R Grande to headwaters) Caballo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_60	23.8	20.6.4.103	2012	2006	2

Use Information:

Designated Use (s):

Attainment:

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Percha Creek (Perennial reaches Caballo R to M Fork)

Caballo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_20	18.41	20.6.4.103	2012	2010	2

Use Information:

Designated Use (s):

Attainment:

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Grande (Caballo Reservoir to Elephant Butte Reservoir)

Caballo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_00	20.91	20.6.4.103	2012	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Oxygen, Dissolved	2011
-------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

The dissolved oxygen impairment may indicate excessive nutrients. Protocols for nutrients in large rivers are under development.

HUC: 13030102**El Paso-Las Cruces**

Burn Lake (Doña Ana)**El Paso-Las Cruces**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_024	7	20.6.4.99	2012	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2017
----------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Marginal Coldwater and Warmwater Aquatic Life are existing uses. There were 1 of 2 E. coli exceedences during the 2008 survey -- additional data will be collected as resources allow.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2101_01	26.7	20.6.4.101	2012	2006	4A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2007
---------	------

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Concentrated Animal Feeding Operations (CAFOs)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Rangeland Grazing
- Wastes from Pets
- Wildlife Other than Waterfowl

Assessment Unit Comments:

TMDL for E. coli.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2101_00	8.7	20.6.4.101	2012	2006	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2007

Probable Sources of Impairment:

- Avian Sources (waterfowl and/or other)
- Concentrated Animal Feeding Operations (CAFOs)
- Impervious Surface/Parking Lot Runoff
- Municipal (Urbanized High Density Area)
- Municipal Point Source Discharges
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Rangeland Grazing
- Wastes from Pets
- Wildlife Other than Waterfowl

Assessment Unit Comments: TMDL for E. coli.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2101_10	44.35	20.6.4.101	2012	2006	4A

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli	2007
---------	------

Probable Sources of Impairment:

Avian Sources (waterfowl and/or other)
 Concentrated Animal Feeding Operations (CAFOs)
 Impervious Surface/Parking Lot Runoff
 Municipal Point Source Discharges
 On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
 Rangeland Grazing
 Wastes from Pets
 Wildlife Other than Waterfowl

Assessment Unit Comments:

Rio Grande (one mile below Percha Dam to Caballo Reservoir) El Paso-Las Cruces

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2102.A_00	1.05	20.6.4.102	2012	2006	2

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Grande (Picacho Bridge to Leasburg Dam)

El Paso-Las Cruces

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2101_02	16.3	20.6.4.101	2012	2006	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2007

- Probable Sources of Impairment:**
- Avian Sources (waterfowl and/or other)
 - Concentrated Animal Feeding Operations (CAFOs)
 - Impervious Surface/Parking Lot Runoff
 - Municipal Point Source Discharges
 - On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
 - Rangeland Grazing
 - Wastes from Pets
 - Wildlife Other than Waterfowl

Assessment Unit Comments: TMDL for E. coli.

HUC: 13030202**Mimbres**

Allie Canyon (Mimbres River to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2804_20	8.82	20.6.4.804	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Bear Canyon (Mimbres River to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2804_10	9.95	20.6.4.804	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Bear Canyon Reservoir**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2504_30	8.63	20.6.4.806	2009	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue	
Nutrient/Eutrophication Biological Indicators	2017
Oxygen, Dissolved	2017

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Loss of Riparian Habitat
Rangeland Grazing
Source Unknown

Assessment Unit Comments:

Data used for original listing are old. This reservoir was dry during the 2003 survey and likely years previous. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_11	9.71	20.6.4.803	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: No flow during 2002 survey. There are no diversions. This AU is likely not perennial.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_20	20.27	20.6.4.98	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: This AU is likely not perennial. During 2002 survey, there was no flow observed at the upper station, and discernable flow observed only 2 of 8 visits at the lower station, in part due to diversions. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Hanover Creek (Whitewater Creek to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_31	4.31	20.6.4.98	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_10	10.52	20.6.4.803	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

No flow during 2002 survey. There are no diversions. This AU is likely not perennial.

McKnight Canyon (Mimbres River to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2804_30	14.91	20.6.4.804	2009	2008	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Gila Trout restoration in 1972 by NMG&F.

Mimbres R (Perennial reaches Cooney Cyn to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2804_40	12.1	20.6.4.804	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: CWAL with WQS of 20 degrees C may not be appropriate.

Mimbres R (Perennial reaches downstream of Willow Springs) Mimbres

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_00	11	20.6.4.803	2009	2004	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Fecal Coliform	
Nutrient/Eutrophication Biological Indicators	2011
Temperature, water	2011

Probable Sources of Impairment:
Flow Alterations from Water Diversions
Irrigated Crop Production
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing

Assessment Unit Comments:

CWAL with WQS of 20 degrees C may not be appropriate. Also, the most downstream station was dry during the last two weeks of sonde deployment (late September 2003).

Mimbres R (Perennial reaches Willow Springs to Cooney Cny) Mimbres

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2804_00	15.8	20.6.4.804	2009	2004	5/5B

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2011
Oxygen, Dissolved	2011
Temperature, water	2011

Probable Sources of Impairment:
Dredging (E.g., for Navigation Channels)
Flow Alterations from Water Diversions
Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing

Assessment Unit Comments:

CWAL with WQS of 20 degrees C may not be appropriate.

San Vicente Arroyo (Mimbres River to headwaters)**Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_025	41.79	20.6.4.99	2009	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2803_30	26.11	20.6.4.803	2009	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

HUC: 13050001**Western Estancia**

Estancia Park Lake**Western Estancia**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_042	1	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Laguna del Pero**Western Estancia**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_054	4500.26	20.6.4.98	2012	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Water is too saline for cattle, so livestock watering may not be an existing or attainable use. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Manzano Lake**Western Estancia**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_114	3.2	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Marginal Coldwater is an existing uses.

Mike's Playa**Western Estancia**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_085	30	20.6.4.98	2012	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Water is too saline for cattle, so livestock watering may not be an existing or attainable use. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 13050003**Tularosa Valley**

Carrizozo Lake**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_027	2	20.6.4.99	2012	2006	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Davies Tank**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_034	1280	20.6.4.99	2012		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Dog Canyon Creek (perennial portions)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_20	5.85	20.6.4.801	2012	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2008
--------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Thermograph needed to confirm listing and for any necessary TMDL development.

Fresnal Canyon (La Luz Creek to headwaters)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_41	12.91	20.6.4.801	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Karr Canyon (Fresnal Canyon to headwaters)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_42	6.59	20.6.4.801	2012	2006	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

La Luz Creek (perennial portions)

Tularosa Valley

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_40	17.97	20.6.4.801	2012	2006	2

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Lake Holloman

Tularosa Valley

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_113	151	20.6.4.99	2012	2010	5/5A

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Arsenic	2017
---------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Although the reservoir is associated with Holloman Air Force Base, the public does have access and the AFB is considering adding a park. This lake has very high salinity, and is thus not suitable for livestock watering or supporting a viable fishery. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99. Limited aquatic life might be a more realistic use based on salinity.

Lake Lucero (North)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_068	3420.7	20.6.4.98	2012	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Water is generally too saline for cattle, so livestock watering may not be an existing or attainable use. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Lake Lucero (South)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_069	1988.27	20.6.4.98	2012	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Water is generally too saline for cattle, so livestock watering may not be an existing or attainable use. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Lake Stinky**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_070	75.28	20.6.4.99	2012		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Malpais Springs**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_079	2.2	20.6.4.99	2012		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Habitat for White Sands pup fish. Warmwater Aquatic Life is an existing use.

Mound Springs**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_086	1	20.6.4.99	2012		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Habitat for White Sands pup fish. Warmwater Aquatic Life is an existing use.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_10	4.2	20.6.4.801	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Salado Canyon (Fresnal Canyon to headwaters)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_43	2	20.6.4.801	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Salt Creek (Tularosa Valley)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_50	44.24	20.6.4.99	2012		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

San Andres Canyon (perennial portions)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_30	7.8	20.6.4.801	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Three Rivers (Perennial prt HWY 54 to USFS exc Mescalero)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2802_00	14.68	20.6.4.802	2012	2006	4C

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Low flow alterations**Assessment Unit Comments:**

There is extensive irrigation in the reach from surface water diversion as well as ground water pumping in the lower portion of the assessment unit. Therefore, this AU is listed under Category 4C with an impairment of Low Flow Alteration diversion (flow modification) "pollution" is de-watering this reach.

Three Rivers (USFS bnd to headwaters)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2802_01	4.16	20.6.4.802	2012	2006	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2010
---------	------

Probable Sources of Impairment:

Other Recreational Pollution Sources

Assessment Unit Comments:

Per USFS personnel (2/4/09), livestock grazing is not allowed along this stream reach. It is a popular horseback riding trail with several crossings.

Tularosa Creek (Old US 70 crossing to Mescalero Apache bnd)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_01	13.1	20.6.4.801	2012	2006	1

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Tularosa Creek (perennial reaches blw old US 70 crossing)**Tularosa Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2801_00	11.34	20.6.4.801	2012	2006	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Fish Culture	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

HUC: 13050004**Salt Basin**

Sacramento River (Perennial reaches)**Salt Basin**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2805_00	15.5	20.6.4.805	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Scott Able Creek (Sacramento River to headwaters)**Salt Basin**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2805_01	1.43	20.6.4.805	2012	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13060001**Pecos Headwaters**

Beaver Creek (El Porvenir Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_04	5.86	20.6.4.215	2010	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Blue Creek (Tecolote Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_15	4.2	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Blue Hole**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_10	0.2	20.6.4.212	2010	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life and Primary Contact are existing uses. Dissolved oxygen is naturally low due to groundwater influx. This unique water warrants its own WQ standard segment.

Brown's Marsh**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_022	5	20.6.4.99	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Bull Creek (Cow Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_091	15.28	20.6.4.217	2010	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Loss of Riparian Habitat
Rangeland Grazing
Watershed Runoff following Forest Fire

Assessment Unit Comments:

A TMDL was written for temperature.

Burro Canyon (Gallinas River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_06	4.49	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Cow Creek (Bull Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_102	22.3	20.6.4.217	2010	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
Turbidity	2004

Probable Sources of Impairment:

Loss of Riparian Habitat
Rangeland Grazing
Watershed Runoff following Forest Fire

Assessment Unit Comments:

TMDLs were written for temperature and turbidity.

Cow Creek (Pecos River to Bull Creek)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_090	15.6	20.6.4.217	2010	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
Turbidity	2004

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization
Watershed Runoff following Forest Fire

Assessment Unit Comments:

TMDLs were prepared for temperature and turbidity.

Dalton Canyon Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_070	8	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Lower reaches went dry during 2001 survey.

Doctor Creek (Holy Ghost Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_021	3.42	20.6.4.217	2010		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

EI Porvenir Creek (Gallinas River to SFNF bnd)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_01	2.63	20.6.4.215	2010	2002	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2012
--------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

El Porvenir Creek (SFNF bnd to Hollinger Canyon)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_05	4.69	20.6.4.215	2010	2002	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

El Rito (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_050	3.19	20.6.4.212	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Falls Creek (Ticolote Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_12	6.15	20.6.4.215	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This AU is likely intermittent -- it was dry during the 2001 July sampling run.

Gallinas River (Las Vegas Diversion to USFS bnd)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_00	7.91	20.6.4.215	2010	2004	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

- Livestock (Grazing or Feeding Operations)
- Loss of Riparian Habitat
- Rangeland Grazing

Assessment Unit Comments:

A TMDL was prepared for temperature.

Gallinas River (Pecos River to San Augustin)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_20	48.34	20.6.4.220	2010	2004	4C

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Low flow alterations

Assessment Unit Comments:

This reach is often dry. CWAL is probably not an existing use.

Gallinas River (San Augustin to Las Vegas Diversion)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_21	16.44	20.6.4.216	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)
Nutrient/Eutrophication Biological Indicators

2012

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Gallinas River (USFS bnd to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_02	8.51	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Glorieta Creek (Pecos River to headwaters)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_081	14.35	20.6.4.217	2010	2004	5/5B

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Ammonia (Un-ionized)	2005
Nitrogen, Nitrate	2005
Oxygen, Dissolved	2005
Specific Conductance	2005
Temperature, water	2005
Turbidity	2005

Probable Sources of Impairment:
 Municipal Point Source Discharges

Assessment Unit Comments:

Results from the station immediately below the Glorieta Conference Center WWTP led to the above impairment listings. Flow at this station is 100% effluent dominated. HQCW use and associated criteria may not be attainable. WQS under review.

Hollinger Creek (El Porvenir Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_03	5.65	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_020	6.92	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Indian Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_072	6.46	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Jack's Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_045	6.5	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:** Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F.

Johnson Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_10	25.63	20.6.4.217	2013		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Lake Bentley**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_067	45.69	20.6.4.99	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Lake Katherine**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_20	11.79	20.6.4.217	2010		2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Access is difficult -- high elevation cirque lake.

Lost Bear Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_30	2	20.6.4.99	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Macho Canyon Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_071	7.82	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:****McAllister Lake****Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.3_00	183.76	20.6.4.213	2010	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Arsenic	2017
---------	------

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

This is a nutrient rich fishing lake. The human health criterion for arsenic (9.0 ug/L) was exceeded during 4 of 6 sampling events in 2001. NMED has collected fish tissue to be analyzed for arsenic to determine if a fish consumption advisory is warranted.

Monastery Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_40	6	20.6.4.99	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

North Fork Blue Creek (Blue Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_17	2.11	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Panchuela Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_060	6.92	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Park Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_20	2	20.6.4.99	2010		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Pecos Arroyo (Gallinas River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_22	4.53	20.6.4.221	2010	2004	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

E. coli	2012
---------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Secondary Contact was proposed contact use for 20.6.4.211 during the 2005 triennial review.

Pecos Baldy Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_50	5.6	20.6.4.99	2010		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Access is difficult -- high elevation cirque lake. Coldwater Aquatic Life is an existing use.

Pecos River (Alamitos Canyon to Willow Creek)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_002	25.5	20.6.4.217	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Mercury in Fish Tissue	
Turbidity	2004

Probable Sources of Impairment:

Aquaculture (Permitted)
 Atmospheric Deposition - Toxics
 Highway/Road/Bridge Runoff (Non-construction Related)
 Natural Sources
 Other Recreational Pollution Sources
 Reclamation of Inactive Mining
 Source Unknown

Assessment Unit Comments:

A TMDL was prepared for turbidity. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Canon de Manzanita to Alamos Canyon)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_003	5.7	20.6.4.217	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Mercury in Fish Tissue	
Temperature, water	2004
Turbidity	2004

Probable Sources of Impairment:

- Atmospheric Deposition - Toxics
- Flow Alterations from Water Diversions
- Loss of Riparian Habitat
- Natural Sources
- Rangeland Grazing
- Source Unknown

Assessment Unit Comments:

TMDLs were written for temperature and turbidity. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Jack's Creek to headwaters)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_000	13.93	20.6.4.217	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F above Pecos Falls. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Santa Rosa Reservoir to Tecolote Creek)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.A_10	51.7	20.6.4.211	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Sedimentation/Siltation	2004
-------------------------	------

Probable Sources of Impairment:

- Flow Alterations from Water Diversions
- Natural Sources
- Rangeland Grazing

Assessment Unit Comments:

Complete SBD assessment with appropriate reference site for 5th order stream was not available at time of this writing (5/21/04).

Pecos River (Sumner Reservoir to Santa Rosa Reservoir)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.A_00	42.5	20.6.4.211	2010	2004	5/5A

Use Information:**Designated Use (s):****Attainment:**

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	2004
-------------------------	------

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Rangeland Grazing

Assessment Unit Comments:

Pecos River (Tecolote Creek to Canon de Manzanita)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_00	59.8	20.6.4.216	2010	2004	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Sedimentation/Siltation	2004
-------------------------	------

Probable Sources of Impairment:

Loss of Riparian Habitat
Other Recreational Pollution Sources
Rangeland Grazing

Assessment Unit Comments:

Pecos River (Willow Creek to Jack's Creek)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_001	5.24	20.6.4.217	2010	2004	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Perch Lake

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_40	5.7	20.6.4.99	2010	2010	1

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Marginal Coldwater Aquatic life is an existing use -- NM G&F stocks with trout.

Power Dam Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.B_10	13.17	20.6.4.212	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_040	17.95	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rito del Oso (Rio Mora to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_044	2.03	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Santa Rosa Reservoir**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_00	1500	20.6.4.211	2010	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Spirit Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_80	7	20.6.4.99	2010		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Access is difficult -- high elevation cirque lake. Cold water Aquatic Life is an existing use.

Stewart Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_70	4.2	20.6.4.217	2010		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Access is difficult -- high elevation cirque lake.

Storrie Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.5_00	1081.06	20.6.4.214	2010	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Natural Sources
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Sumner Reservoir**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2210_00	4277.79	20.6.4.210	2010	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Tecolote Creek (Blue Creek to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_09	5.1	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Tecolote Creek (I-25 to Blue Creek)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_10	21.3	20.6.4.215	2010	2004	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Specific Conductance	2012
Temperature, water	2012

Probable Sources of Impairment:

Flow Alterations from Water Diversions
 Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Rangeland Grazing
 Site Clearance (Land Development or Redevelopment)
 Streambank Modifications/destablization

Assessment Unit Comments:

Tecolote Creek (Pecos River to I-25)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_08	20	20.6.4.98	2010	2004	3

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

This AU often goes dry. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Tres Lagunas (Northeast)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_30	30	20.6.4.212	2010	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

pH	2017
----	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Tres Lagunas NE is one of three small on-line impoundments on a perennial tributary to the Pecos River originally constructed by the railroad for flood control and eventual irrigation storage. In the years since the construction, the lake has filled with sediment, now averaging one meter in depth. As a result, WQS segment 20.6.4.212 is likely not appropriate for this waterbody.

Tres Lagunas (Southeast)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_31	25	20.6.4.212	2010		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Tres Lagunas (West)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_32	15	20.6.4.212	2010		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Truchas Lake (North)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_60	4	20.6.4.99	2010		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Access is difficult -- high elevation cirque lake. Coldwater Aquatic Lake is an existing use.

Truchas Lake (South)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_61	2	20.6.4.99	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Access is difficult -- high elevation cirque lake. Coldwater Aquatic Lake is an existing use.

Wallace Lake**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_107	17.5	20.6.4.99	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Willow Creek (Fish barrier above reclamation to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_031	0.5	20.6.4.217	2010	2008	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Willow Creek (Pecos River to fish barrier above reclamation)

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_030	5.26	20.6.4.217	2010	2008	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Cadmium	2012
Sedimentation/Siltation	2012
Specific Conductance	2012
Zinc	2012

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
 Highway/Road/Bridge Runoff (Non-construction Related)
 Mine Tailings
 Source Unknown
 Streambank Modifications/destablization

Assessment Unit Comments:

Additional data is needed to verify specific conductance and sedimentation /siltation impairment. This reach continues to be monitored quarterly as part of the on-gonig mine reclamation. Both cadmium and zinc concentrations and exceedences are trending downward from 2005 to 2007.

Winsor Creek (Pecos River to headwaters)**Pecos Headwaters**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_061	3.67	20.6.4.217	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2212_18	2.05	20.6.4.215	2010	2004	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13060003**Upper Pecos**

Bosque Redondo Lake**Upper Pecos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_021	32.65	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater and Warmwater Aquatic Life are existing uses. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. The applicable criterion for temperature was exceeded.

Pecos River (Salt Creek to Sumner Reservoir)**Upper Pecos**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2207_00	127.93	20.6.4.207	2013	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Oxygen, Dissolved	2010
-------------------	------

Probable Sources of Impairment:

Municipal Point Source Discharges
Natural Sources
Rangeland Grazing

Assessment Unit Comments:

The dissolved oxygen impairment may indicate excessive nutrients. Protocols for nutrients in large rivers are under development.

HUC: 13060007**Upper Pecos-Long Arroyo**

Bitter Lake - Unit 15**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_019	97.5	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Primary Contact

Not Assessed

Warmwater Aquatic Life

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Warmwater Aquatic Life is an existing use.

Bitter Lake - Unit 16**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_017	82.93	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Primary Contact

Not Assessed

Warmwater Aquatic Life

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Warmwater Aquatic Life is an existing use.

Bitter Lake - Unit 3**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_016	54.2	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Bitter Lake - Unit 5**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_015	52.28	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Bitter Lake - Unit 6**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_020	15.85	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Bitter Lake - Unit 7**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_018	123.5	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Warmwater Aquatic Life is an existing use.

Bitter Lake (Bitter Lake NWR)**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_014	149.4	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Warmwater Aquatic Life is an existing use. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to assess for impairments.

Bitter Lake Sink Hole 19**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_112	0.1	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. The applicable criterion for E. coli was exceeded.

Cottonwood Lake**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_004	0.52	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This is within Bottomless Lakes State Park. Livestock watering is not allowed. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Eagle Creek (Pecos River nr Artesia to headwaters)**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_008	67.97	20.6.4.98	2013	2004	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Figure Eight Lake (within Bottomless Lakes)**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_044	2.2	20.6.4.99	2013	1998	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Livestock use is not allowed at this lake. Marginal Coldwater and Warmwater Aquatic Life are existing uses. Marginal Coldwater and Warmwater Aquatic Life are existing uses. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. Applicable criteria for E. coli, boron, and temperature were exceeded.

Inkwell Lake**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_002	0.36	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This is within Bottomless Lakes State Park. Livestock watering is not allowed. Marginal Coldwater Aquatic Life is an existing use.

Lake Van**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_071	25	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater and Warmwater Aquatic Life are an existing uses. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. An n=1 is insufficient to assess for impairments. Applicable criteria for selenium were exceeded.

Lea Lake**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_001	17.47	20.6.4.99	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Livestock use is not allowed at this lake. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99. This water body was sampled once in 2007 as part of a data gathering effort related to nutrients. Although there were no exceedences, an n=1 is insufficient to assess for impairments.

Mirror Lake**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_003	3.44	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This is within Bottomless Lakes State Park. Livestock watering is not allowed. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Pasture Lake**Upper Pecos-Long Arroyo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_094	0.76	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Livestock use is not allowed at this lake. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Pecos River (Rio Peñasco to Salt Creek)

Upper Pecos-Long Arroyo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2206.A_00	109.67	20.6.4.206	2013	2006	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
DDT in Fish Tissue	
PCBs in Fish Tissue	

Probable Sources of Impairment:
Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The DDT and PCBs in fish tissue listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

HUC: 13060008**Rio Hondo**

Alto Lake**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.B_30	11.16	20.6.4.98	2013		5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Copper	2017
--------	------

Probable Sources of Impairment:

Pesticide Application

Assessment Unit Comments:

Water in this reservoir is used by the city of Ruidoso when available -- it is often dry. Copper sulfate has been used as an algaecide in the past to protect this drinking water supply. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Bonito Lake**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.B_10	39.07	20.6.4.209	2013	2006	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Carrizo Creek (Rio Ruidoso to Mescalero Apache bnd)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_22	3	20.6.4.209	2013	2006	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Fecal Coliform	
Turbidity	2015

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

A TMDL was developed for fecal coliform. The associated water quality criteria for contact use support was changed from fecal coliform to E. coli during the 2005 triennial review. E. coli data must be collected to determine if contact use is still impaired. Benthic macroinvertebrate data are needed to confirm the interim turbidity listing.

Grindstone Canyon Reservoir**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.B_20	40	20.6.4.209	2013	2006	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This reservoir was constructed to contain water supply for the town of Ruidoso. When there is adequate flow in the Rio Ruidoso to protect instream uses, flow is diverted from the Rio Ruidoso into this reservoir. This reservoir also captures runoff from Grindstone Canyon. This reservoir should be reclassified into its own WQS segment because fish culture and HQCWAL are not existing uses. Cooper sulphate is added in large quantities to this reservoir by the village. Per NM Game and Fish, this practice has caused fish kills (Nov 2005 latest). There were 1 of 1 excedences of both the chronic and acute WQS for dissolved copper during SWQB's 2003 survey.

North Spring R (Rio Hondo to headwaters)**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2206.A_40	6.28	20.6.4.206	2013		3

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Rio Bonito (NM 48 near Angus to headwaters)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_10	10.16	20.6.4.209	2013	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)
 Fecal Coliform
 Low flow alterations

Probable Sources of Impairment:

Flow Alterations from Water Diversions
 Source Unknown

Assessment Unit Comments:

This reach is dewatered due to dam, so limited data set. A TMDL was developed for fecal coliform. The associated water quality criteria for contact use support was changed from fecal coliform to E. coli during the 2005 triennial review. These historic fecal coliform listings will be retained until E. coli data is collected to determine whether there is any impairment of contact uses.

Rio Bonito (Rio Ruidoso to NM 48 near Angus)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_10	33.63	20.6.4.208	2013	2006	4C

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Low flow alterations

Probable Sources of Impairment:

Flow Alterations from Water Diversions

Assessment Unit Comments:

Stream reach has very low flow during certain times of the year due to irrigation diversion.

Rio Hondo (Perennial reaches Bonney Canyon to Rio Ruidoso) Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_30	8	20.6.4.208	2013	2006	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Fecal Coliform	
Probable Sources of Impairment:	
Source Unknown	

Assessment Unit Comments:

A TMDL was developed for fecal coliform. The associated water quality criteria for contact use support was changed from fecal coliform to E. coli during the 2005 triennial review. These historic fecal coliform listings will be retained until E. coli data is collected to determine whether there is any impairment of contact uses.

Rio Hondo (Perennial reaches Pecos River to Bonney Canyon) Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_25	54.88	20.6.4.206	2013	2006	3

Use Information:

Designated Use (s):	Attainment:
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Most recent NMED water quality survey indicated that the Rio Hondo may not be perennial below Bonney Canyon; a hydrologic analysis and UAA is needed to determine if WQS for ephemeral (20.6.4.97) or intermittent (20.6.4.98) waters may be appropriate.

Rio Ruidoso (North Fork abv Mescalero Apache bnd)**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_24	2.2	20.6.4.209	2013	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Rio Ruidoso (Rio Bonito to US Hwy 70 Bridge)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_20	19.63	20.6.4.208	2013	2006	4A

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators

2005

Probable Sources of Impairment:

Flow Alterations from Water Diversions
 Municipal Point Source Discharges
 On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
 Rangeland Grazing

Assessment Unit Comments:

A TMDL was prepared for plant nutrients (TN and TP).

Rio Ruidoso (US Hwy 70 Bridge to Mescalero Apache bnd)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_20	12.4	20.6.4.209	2013	2006	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2005
Turbidity	2005

Probable Sources of Impairment:
Loss of Riparian Habitat
Other Recreational Pollution Sources
Rangeland Grazing
Site Clearance (Land Development or Redevelopment)
Streambank Modifications/destablization

Assessment Unit Comments:

TMDLs for temperature and turbidity.

S. Fork Eagle Creek (Eagle Creek to Mescalero Apache bnd)

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_00	3.5	20.6.4.209	2013	2006	4C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Low flow alterations

Assessment Unit Comments:

This reach often dries up from April on. Wells in the vicinity contribute to the drying of the stream according to USFS personnel (2/4/09).

South Fork Rio Bonito (Rio Bonito to headwaters)**Rio Hondo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2209.A_11	5.3	20.6.4.209	2013	2006	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 13060009**Rio Felix**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2206.A_30	22.3	20.6.4.206	2013		2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This reach is usually dry. Some fish observed in pools spring of 2003.

HUC: 13060010**Rio Penasco**

Agua Chiquita (perennial portions Rio Peñasco to headwaters)**Rio Penasco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_01	13	20.6.4.208	2013		5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

The cause of impairment to the benthic macroinvertebrate community could not be identified with existing data.

Bear Canyon Reservoir (Otero)**Rio Penasco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_010	2	20.6.4.99	2013	2006	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater Aquatic Life is an existing use.

Rio Peñasco (HWY 24 to headwaters)

Rio Penasco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2208_00	45.7	20.6.4.208	2013	2006	5/5A

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Fish Culture	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Sedimentation/Siltation	2006
-------------------------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Loss of Riparian Habitat
 Rangeland Grazing
 Streambank Modifications/destablization
 Watershed Runoff following Forest Fire

Assessment Unit Comments:

Rio Peñasco (Pecos River to HWY 24)

Rio Penasco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2206.A_10	63.7	20.6.4.206	2013	2006	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2006

Probable Sources of Impairment:
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

This reach may be ephemeral, so WWAL may not be existing or attainable.

HUC: 13060011**Upper Pecos-Black**

Avalon Reservoir**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2204.B_00	497.7	20.6.4.219	2013	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation Storage	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Black River (Perennial reaches of Pecos River to headwaters)**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.A_10	16.9	20.6.4.202	2013	2010	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

SWQB sampled four stations four times on the Black River in 2007 and 2008 to gather information for the NM Department of Game and Fish related to a potential ONRW nomination. There were 0 of 16 exceedences of any parameter sampled (ions, nutrients, semi-volatile and volatile organics). An EMAP bio/hab survey was also conducted. It was not possible to determine any potential sedimentation impairment because a suitable reference site could not be identified.

Blue Spring (Black River to headwaters)**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.A_11	3.57	20.6.4.202	2013	2006	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Brantley Reservoir**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2205_00	3058.67	20.6.4.205	2013	2006	5/5C

Use Information:**Designated Use (s):****Attainment:**

Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

DDT in Fish Tissue

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

The "DDT in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Harroun Dam (Ten Mile) Lake**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_048	64.78	20.6.4.202	2013		3

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Laguna Gatuna**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_055	294.76	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Naturally saline lake, so livestock watering not attainable or existing. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Laguna Quatro**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_059	150	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Hyper saline due to potash mining activities, so livestock watering likely not attainable or existing. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Laguna Seco**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_060	20	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Laguna Tres**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_061	430	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Laguna Uno**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_066	600	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Laguna Walden**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_062	50	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Lower Tansil Lake/Lake Carlsbad (Carlsbad Municipal Lake)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2203.B_00	136	20.6.4.218	2013	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Industrial Water Supply	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

PCBs in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The PCB in fish tissue listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Avalon Reservoir to Brantley Reservoir)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2204.A_00	12.32	20.6.4.204	2013	2006	2

Use Information:

Designated Use (s):

Attainment:

Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Pecos River (Black River to Lower Tansil Lake)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.A_00	19.18	20.6.4.202	2013	2006	5/5C

Use Information:

Designated Use (s):	Attainment:
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs in Fish Tissue	
Probable Sources of Impairment:	
Atmospheric Deposition - Toxics	
Source Unknown	

Assessment Unit Comments:

The PCBs in fish tissue listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Brantley Reservoir to Rio Peñasco)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2206.A_01	13.56	20.6.4.206	2013	2006	5/5C

Use Information:

Designated Use (s):

Attainment:

Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

DDT in Fish Tissue
PCBs in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The DDT and PCBs in fish tissue listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Pecos River (Lake Carlsbad to Avalon Reservoir)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2203.A_00	5.86	20.6.4.203	2013	2006	4C

Use Information:

Designated Use (s):

Attainment:

Industrial Water Supply	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Low flow alterations

Assessment Unit Comments:

Usually dry - water diverted to Carlsbad main canal.

Pecos River (TX border to Black River)

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2201_00	30.18	20.6.4.201	2013	2006	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Boron	2010
Oxygen, Dissolved	2010
PCBs in Fish Tissue	

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Low dissolved oxygen may be attributable to anoxic groundwater input. The dissolved oxygen impairment may also indicate excessive nutrients. Protocols for nutrients in large rivers are under development. All exceedences of boron occurred at stations below the brine springs at Malaga Bend. The PCBs in fish tissue listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Sitting Bull Creek (Last Chance Canyon to Sitting Bull Spr)**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_007	3	20.6.4.99	2013	2006	1

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Primary Contact was added as an Existing Use.

Six Mile Dam Lake**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.B_20	93.86	20.6.4.202	2013		3

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Williams Sink (Eddy)**Upper Pecos-Black**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_109	210.21	20.6.4.98	2013	1998	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Potash activities have lead to hypersaline conditions which likely make livestock watering not attainable or existing. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 13070001**Lower Pecos-Red Bluff Res**

Lea County Lake**Lower Pecos-Red Bluff Res**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_073	2	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Primary Contact

Not Assessed

Warmwater Aquatic Life

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

HUC: 13070002**Delaware**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2202.A_20	6.5	20.6.4.202	2013	2006	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply

Fully Supporting

Irrigation

Fully Supporting

Livestock Watering

Fully Supporting

Secondary Contact

Not Assessed

Warmwater Aquatic Life

Fully Supporting

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Usually dry at US285 bridge.

HUC: 13070007**Landreth-Monument Draws**

Eunice Lake**Landreth-Monument Draws**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_043	4	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Jal Lake**Landreth-Monument Draws**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_052	10	20.6.4.99	2013		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Marginal Coldwater and Warmwater Aquatic Life are existing uses.

HUC: 14080101**Upper San Juan**

Gallegos Canyon (San Juan River to Navajo bnd)**Upper San Juan**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_060	0.45	20.6.4.99	2010	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Not Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Selenium	2004
----------	------

Probable Sources of Impairment:

Irrigated Crop Production
Natural Sources

Assessment Unit Comments:

TMDL was prepared for selenium. Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Los Pinos River (Navajo Reservoir to CO border)**Upper San Juan**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2407.A_10	1.46	20.6.4.407	2010	2004	3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Navajo Reservoir**Upper San Juan**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2406_00	13151.19	20.6.4.406	2010	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Industrial Water Storage	Fully Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Storage	Fully Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2407.A_00	6.6	20.6.4.407	2010	2004	3

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

San Juan River (Animas River to Cañon Largo)

Upper San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2401_00	21.44	20.6.4.408	2010	2004	4A

Use Information:

Designated Use (s):	Attainment:
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Sedimentation/Siltation	2004

Probable Sources of Impairment:

- Drought-related Impacts
- Flow Alterations from Water Diversions
- Loss of Riparian Habitat
- On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
- Petroleum/natural Gas Activities
- Petroleum/natural Gas Production Activities (Permitted)
- Rangeland Grazing

Assessment Unit Comments:

TMDLs were prepared for sedimentation, fecal coliform and E. coli.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2405_10	19.53	20.6.4.405	2010	2004	1

Use Information:**Designated Use (s):****Attainment:**

High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 14080104**Animas**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2404_00	19.6	20.6.4.404	2010	2004	5/5B

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2004
--------------------	------

Probable Sources of Impairment:

Channelization
Drought-related Impacts
Irrigated Crop Production
Loss of Riparian Habitat
Municipal (Urbanized High Density Area)
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

Coldwater aquatic life use may not be existing or attainable in this stream reach and is under review

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2403.A_00	16.92	20.6.4.403	2010	2004	4A

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators

2004

Probable Sources of Impairment:

Drought-related Impacts
Flow Alterations from Water Diversions
Municipal (Urbanized High Density Area)
Municipal Point Source Discharges
Streambank Modifications/destablization

Assessment Unit Comments:

Lake Farmington (Beeline Reservoir)**Animas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_006	198	20.6.4.99	2010	2004	5/5C

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Livestock Watering	Fully Supporting
Municipal Water Supply	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Mercury in Fish Tissue

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

Coldwater and Warmwater Aquatic Life, and Municipal Water Supply are existing uses. This is the City of Farmington's drinking water supply reservoir. Although currently designated by default for livestock watering and wildlife habitat, City of Farmington maintenance staff patrol the shores to discourage or prevent livestock use. This lake is also stocked for fishing. This reservoir needs its own Water Quality Standard segment. The "mercury in fish tissue" listing is based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

HUC: 14080105**Middle San Juan**

Jackson Lake**Middle San Juan**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_005	60	20.6.4.99	2010	2008	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Marginal Coldwater and Warmwater Aquatic Life are existing uses.

La Plata River (McDermott Arroyo to CO border)

Middle San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2402.A_01	7.07	20.6.4.402	2011	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Benthic-Macroinvertebrate Bioassessments (Streams)	
E. coli	2004
Oxygen, Dissolved	2004

Probable Sources of Impairment:
Animal Feeding Operations (NPS)
Drought-related Impacts
Flow Alterations from Water Diversions
Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments:

La Plata River (San Juan River to McDermott Arroyo)

Middle San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2402.A_00	16.77	20.6.4.402	2010	2004	5/5B

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	2004
Sedimentation/Siltation	2004

Probable Sources of Impairment:

- Animal Feeding Operations (NPS)
- Drought-related Impacts
- Flow Alterations from Water Diversions
- Loss of Riparian Habitat
- Rangeland Grazing
- Streambank Modifications/destablization

Assessment Unit Comments:

This AU is not perennial throughout. There were conflicting results between the sonde data (using percentage) and grab data. Marginal coldwater aquatic life use may not be attainable and is under review.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2401_10	32.27	20.6.4.401	2010	2004	4A

Use Information:

Designated Use (s):

Attainment:

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Municipal Water Supply	Fully Supporting
Secondary Contact	Not Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

E. coli

Probable Sources of Impairment:

Drought-related Impacts
 Municipal Point Source Discharges
 On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
 Rangeland Grazing

Assessment Unit Comments:

TMDLs were prepared for fecal coliform and E. coli.

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_021	13.2	20.6.4.98	2010	2004	2

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 15020003**Carrizo Wash**

Crater Lake**Carrizo Wash**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_033	5	20.6.4.98	2011		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

El Caso Lake**Carrizo Wash**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_038	80	20.6.4.98	2012		2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Little El Caso Lake**Carrizo Wash**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_075	10	20.6.4.98	2011		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Quemado Lake**Carrizo Wash**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_096	111.89	20.6.4.99	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Coldwater Aquatic Life is an existing use.

HUC: 15020004**Zuni**

Cebolla Creek (Rio Pescado to headwaters)**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_031	7.93	20.6.4.98	2011		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

McGaffey Lake**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_083	10.94	20.6.4.98	2011	2006	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
pH	2017

Probable Sources of Impairment:

Loss of Riparian Habitat
Natural Sources
Streambank Modifications/destablization

Assessment Unit Comments:

Lake often goes dry. Department of Game and Fish dredged the lake in 2003 to return it to its original design capacity. They no longer successfully stock trout (just catfish when there is adequate water).

Ramah Reservoir**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_110	250	20.6.4.99	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Coldwater Aquatic Life is an existing use.

Rio Nutria (Tampico Draw to headwaters)**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_033	11.5	20.6.4.98	2012	2006	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This AU was only sampled in May because that the only time the station contained water during the 2004 survey. There were no exceedences during this one sampling event.

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Rio Nutria (Zuni Pueblo bnd to Tampico Draw)**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_029	0.3	20.6.4.99	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Warmwater aquatic life is an existing use -- there are Zuni Bluehead Sucker in this reach. Also, Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

Tampico Draw (Rio Nutria to headwaters)**Zuni**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_080	2.13	20.6.4.99	2011	2006	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Warmwater aquatic life is an existing use. Also, Per EPA Region 6 instruction, warmwater aquatic life (WWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.99.

HUC: 15040001**Upper Gila**

Beaver Creek (Perennial reaches Taylor Ck to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_25	36.08	20.6.4.503	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply

Not Assessed

High Quality Coldwater Aquatic Life

Not Assessed

Irrigation

Not Assessed

Livestock Watering

Not Assessed

Secondary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_21	25.21	20.6.4.503	2011	2002	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2001
--------------------	------

Probable Sources of Impairment:

Habitat Modification - other than Hydromodification
Loss of Riparian Habitat
Off-road Vehicles
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for temperature

Canyon Creek (Middle Fork Gila River to headwaters)

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_43	14.25	20.6.4.503	2011	2002	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Nutrient/Eutrophication Biological Indicators	2002
Turbidity	2002

Probable Sources of Impairment:

Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization

Assessment Unit Comments: TMDL turbidity and plant nutrients

Diamond Creek (East Fork Gila River to headwaters)

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_22	25.61	20.6.4.98	2011	2002	2

Use Information:

Designated Use (s):

Attainment:

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: The USFS states that the reach is intermittent in the lower sections and contains a native warmwater fishery. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

East Fork Gila River (Gila River to headwaters)

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_20	26.24	20.6.4.503	2011	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2002
Benthic-Macroinvertebrate Bioassessments (Streams)	

Probable Sources of Impairment:

- Off-road Vehicles
- Other Recreational Pollution Sources
- Silviculture, Fire Suppression
- Source Unknown

Assessment Unit Comments:

TMDL for AI chronic.

Gila River (Mogollon Creek to Gila Hot Springs)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_30	43.48	20.6.4.502	2011	2010	5/5B

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water

2013

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Revision of WQ criterion for temperature to 29 degrees C (coolwater) may be warranted.

Gilita Creek (Middle Fork Gila R to Willow Creek)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_45	6.28	20.6.4.503	2011	2002	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2011
Temperature, water	2011

Probable Sources of Impairment:

Natural Sources
Off-road Vehicles
Other Recreational Pollution Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

Gilita Creek (Perennial reaches abv Willow Creek)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_48	6.55	20.6.4.503	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Hoyt Creek (Wall Lake to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_26	19.9	20.6.4.98	2011		3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Iron Creek (Middle Fork Gila R to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_44	12.73	20.6.4.503	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Lake Roberts**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2504_20	68.37	20.6.4.504	2011	2002	5/5A

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2017
pH	2017
Temperature, water	2017

Probable Sources of Impairment:

Agriculture
Impervious Surface/Parking Lot Runoff
Other Recreational Pollution Sources

Assessment Unit Comments:

Little Creek (West Fork Gila River to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_31	17.56	20.6.4.503	2011		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Middle Fork Gila River (Gila River to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_40	36.64	20.6.4.503	2011	2010	5/5B

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2013
Temperature, water	2011
Turbidity	2013

Probable Sources of Impairment:

Natural Sources
Other Recreational Pollution Sources
Silviculture, Fire Suppression
Source Unknown

Assessment Unit Comments:

Benthic macroinvertebrate data were not available to confirm the interim turbidity listing. HQCW use and associated criteria may not be attainable. WQS under review.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_02	29.49	20.6.4.503	2011	2002	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum

2002

Probable Sources of Impairment:

Mill Tailings
Off-road Vehicles
Silviculture, Fire Suppression
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL AI chronic; de-list letter for SBD (sedimentation/siltation), chronic lead. Gila Trout restoration in 1986 and 1996 by NMG&F.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_04	11.88	20.6.4.503	2011	2010	1

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

TMDL turbidity and TOC; de-list letter for biological impairment. De-listed for turbidity (2010 cycle).

Snow Canyon Creek (Gilita Creek to Snow Lake)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_46	3.08	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Snow Lake**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2504_40	100.1	20.6.4.504	2011		3

Use Information:**Designated Use (s):****Attainment:**

Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Taylor Creek (Beaver Creek to Wall Lake)

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_23	2.63	20.6.4.503	2011	2002	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2002
Temperature, water	2002
Turbidity	2011

Probable Sources of Impairment:

- Natural Sources
- Off-road Vehicles
- Other Recreational Pollution Sources
- Rangeland Grazing
- Silviculture, Fire Suppression
- Upstream Impoundments (e.g., PI-566 NRCS Structures)

Assessment Unit Comments:

TMDL temperature and AI chronic

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_24	19.8	20.6.4.503	2011	2002	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Aluminum	2011
Temperature, water	2011
Turbidity	2011

Probable Sources of Impairment:

Natural Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

Turkey Creek (Gila River to headwaters)

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_03	16.94	20.6.4.503	2011	2002	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	2011
Temperature, water	2011

Probable Sources of Impairment:
Natural Sources
Silviculture, Fire Suppression

Assessment Unit Comments:

This AU is geothermally influenced; the WQS may need to be reviewed before preceding with TMDLs.

West Fork Gila R (Cliff Dweller Cyn to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_30	31.43	20.6.4.503	2011	2010	5/5B

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water

2013

Probable Sources of Impairment:

Source Unknown**Assessment Unit Comments:**

Gila Trout stream restoration area. HQCW use and associated criteria may not be attainable. WQS under review.

West Fork Gila R (East Fork to Middle Fork)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_10	3.88	20.6.4.503	2011	2002	5/5B

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2011
--------------------	------

Probable Sources of Impairment:

Natural Sources
Off-road Vehicles
Other Recreational Pollution Sources
Silviculture, Fire Suppression

Assessment Unit Comments:

The 20 degree Celcius temperature criterion for this AU may be unrealistically low due to the influence of Gila Hot Springs and the Middle Fork Gila River. A WQS review is warranted before proceeding with a temperature TMDL.

West Fork Gila R (Middle Fork to Cliff Dweller Cyn)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_50	1	20.6.4.503	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

White Creek (West Fork Gila River to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_32	8.9	20.6.4.503	2011		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Willow Creek (Gilita Creek to headwaters)**Upper Gila**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_47	7.71	20.6.4.503	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

HUC: 15040002**Upper Gila-Mangas**

Bear Creek (Gila River nr Cliff to headwaters)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_01	31.65	20.6.4.502	2010	2008	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

According to SWQB Silver City staff, the Cypress Mine contributed to this stream reach previously going dry. This mine is now closed. SWQB intensively studied Bear Creek in 2006. No impairments were determined.

Bill Evans Lake**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.B_00	1.51	20.6.4.99	2011	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2017
--------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Marginal Coldwater and Warmwater Aquatic Life are existing uses. Land management agencies have posted contact recreation warnings due to toxic blue green algae. SWQB does not have water quality standards or assessment procedures related to blue green algae at this time.

Blue Creek (Gila River to headwaters)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2501_10	25.68	20.6.4.502	2011	2010	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Carlisle Creek (Gila River to headwaters)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_02	14.96	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Gila River (AZ border to Red Rock)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2501_00	24.64	20.6.4.501	2011	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2013
--------------------	------

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Gila River (Mangas Creek to Mogollon Creek)

Upper Gila-Mangas

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_10	14.04	20.6.4.502	2011	2010	5/5B

Use Information:

Designated Use (s):	Attainment:
Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

Revision of WQ criterion for temperature to 29 degrees C (coolwater) may be warranted.

Gila River (Red Rock to Mangas Creek)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_00	21.16	20.6.4.502	2011	2010	5/5C

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2013
Temperature, water	2013

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

Sonde data are needed to confirm the nutrient listing prior to TMDL development.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_21	6.17	20.6.4.502	2011	2010	5/5A

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Primary Contact	Fully Supporting
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2002
Temperature, water	2013

Probable Sources of Impairment:

Impacts from Abandoned Mine Lands (Inactive)
Loss of Riparian Habitat
Natural Sources
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Other Recreational Pollution Sources
Rangeland Grazing

Assessment Unit Comments:

TMDL for plant nutrients; de-list letter for SBD (sedimentation/siltation). The source spring for Mangas Creek produces unusually high concentrations of nitrates, the source(s) of which are unknown.

Mangas Creek (Mangas Springs to headwaters)**Upper Gila-Mangas**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2502.A_22	17.83	20.6.4.502	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Industrial Water Supply	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

HUC: 15040003**Animas Valley**

North Lordsburg Playa**Animas Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_091	2880	20.6.4.98	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Sacaton (No Name) Playa**Animas Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_097	600	20.6.4.98	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

South Lordsburg Playa**Animas Valley**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_099	7040	20.6.4.98	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Not Assessed

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Not Assessed

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

HUC: 15040004**San Francisco**

Apache Canyon (Tularosa River to Hardcastle Canyon)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_44	8.73	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering

Fully Supporting

Marginal Warmwater Aquatic Life

Not Assessed

Primary Contact

Not Assessed

Wildlife Habitat

Fully Supporting

Assessment Information:**Assessment Unit Comments:**

De-list letter for conductivity. This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Centerfire Creek (San Francisco R to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_50	16.12	20.6.4.603	2011	2002	5/5A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Nutrient/Eutrophication Biological Indicators	2002
pH	2009
Specific Conductance	2002
Temperature, water	2009

Probable Sources of Impairment:

Natural Sources
Off-road Vehicles
Other Recreational Pollution Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for plant nutrients and conductivity

Dry Blue Creek (AZ bnd to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_70	9.16	20.6.4.603	2011		3

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Not Assessed
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:**

Glenwood Pond**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.B_10	1.67	20.6.4.99	2011	2002	3

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Not Assessed
Marginal Coldwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:**Assessment Unit Comments:** Margainal Coldwater and Warmwater Aquatic Life are existing uses.

Mineral Creek (San Francisco R to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_20	19.56	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

Mule Creek (San Francisco R to Mule Springs)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2601_01	10.49	20.6.4.601	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

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

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_42	12.41	20.6.4.603	2011	2002	5/5A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2009
--------------------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
 Other Recreational Pollution Sources
 Rangeland Grazing
 Silviculture, Fire Suppression

Assessment Unit Comments:

San Francisco River (AZ border to Dry Creek)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2601_00	15.66	20.6.4.601	2011	2002	2

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

San Francisco River (Centerfire Creek to AZ border)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2602_20	14.91	20.6.4.602	2011	2010	4A

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Temperature, water	2002
--------------------	------

Probable Sources of Impairment:

Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for temperature and plant nutrients; de-list for turbidity. Delisted for nutrients during 2010 listing cycle.

San Francisco River (Dry Creek to Whitewater Creek)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2601_10	8.7	20.6.4.601	2011	2010	5/5C

Use Information:

Designated Use (s):

Attainment:

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Secondary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Benthic-Macroinvertebrate Bioassessments (Streams)

Probable Sources of Impairment:

Source Unknown

Assessment Unit Comments:

The M-SCI score of 55.5 leading to the 2010 biological impairment listing was very near the threshold value of 56.70.

San Francisco River (NM 12 at Reserve to Centerfire Creek)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2602_10	19.84	20.6.4.602	2011	2002	2

Use Information:

Designated Use (s):

Attainment:

Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

San Francisco River (Whitewater Creek to NM 12 at Reserve)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2601_20	43.49	20.6.4.601	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Silver Creek (Mineral Creek to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_21	9.57	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

South Fork Negrto Creek (Negrto Creek to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_43	14.46	20.6.4.603	2011	2002	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Temperature, water	2002
--------------------	------

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Other Recreational Pollution Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for temperature

Trout Creek (San Francisco R to headwaters)**San Francisco**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_60	15.3	20.6.4.98	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

This unclassified AU may be ephemeral or intermittent; however, per EPA Region 6 instruction, it is being noted under 20.6.4.98 at this time and marginal warmwater aquatic life (MWWAL) and primary contact (PC) are presumed uses for all waters noted as 20.6.4.98.

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_41	17.64	20.6.4.603	2011	2002	2

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Assessment Unit Comments:**

Tularosa River (San Francisco R to Apache Creek)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_40	21.99	20.6.4.603	2011	2002	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Specific Conductance	2002

Probable Sources of Impairment:
Highway/Road/Bridge Runoff (Non-construction Related)
Natural Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for conductivity

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

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_10	6.9	20.6.4.603	2011	2002	4A

Use Information:**Designated Use (s):****Attainment:**

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:**Probable Causes of Impairment:****TMDL Schedule:**

Turbidity	2002
-----------	------

Probable Sources of Impairment:

Channelization
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Natural Sources
Streambank Modifications/destablization

Assessment Unit Comments:

TMDL for turbidity

Whitewater Creek (Whitewater Campgrd to headwaters)

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_12	14.17	20.6.4.603	2011	2002	4A

Use Information:

Designated Use (s):

Attainment:

Domestic Water Supply	Fully Supporting
Fish Culture	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Secondary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:

TMDL Schedule:

Aluminum	2002
----------	------

Probable Sources of Impairment:

Natural Sources
 Other Recreational Pollution Sources
 Silviculture, Fire Suppression

Assessment Unit Comments:

TMDL for aluminum.