State of New Mexico

Water Quality Control Commission

2012 – 2014 State of New Mexico Clean Water Act §303(d)/§305(b) Integrated Report

– Appendix A –

List of Assessed Surface Waters

US EPA–Approved May 8, 2012

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PREFACE

I. What's New in 2012

A. Water Quality Standards (20.6.4 NMAC) update

During the most recent triennial review, the New Mexico WQCC adopted a hardness-dependent total aluminum criteria that replaced the aquatic life use dissolved aluminum criteria. EPA Region 6 has taken no action on this change as of this writing (2/28/12). Therefore, SWQB has taken the following approach to develop the draft 2012 Integrated List:

- The draft includes listing actions (and delisting actions if there is an existing dissolved aluminum impairment) based on the WQCC-approved total aluminum criteria when total aluminum data were available to assess, and
- The draft also includes an AU Comment where data assessed during this cycle indicates that an AU does not meet the old dissolved aluminum criteria.

Also, all Fish Culture, Public Water Supply, and Industrial Water Supply designated uses on the Integrated List were defaulted to "Not Assessed" because no numeric criteria apply uniquely to these uses per 20.6.4.900 Subsection A NMAC.

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).

In accordance with SWQB's Response to Comments on the 2010 Integrated, SWQB plans to re-assess impairment listings on the Pajarito Plateau List prior to draft TMDL development. As noted in the 2010 Response to Comments, SWQB also plans to be determine and utilize concurrent-hardness data when available to verify any cause(s) of impairment that are a result of applying hardness-dependent criteria. These results of the re-assessment will determine the final list of impairments. This is important in this study area because of the proposed changes to the aluminum criteria and the approved change to the zinc criteria during the last triennial review impacts many listings in this geographical area.

In addition, there are several existing pollution control requirements and regulatory mechanisms already in place on the Pajarito Plateau that may be sufficient to protect water quality so some of the impairments may qualify as Category 4B ("other pollution control requirements are reasonably expected to result in attainment of the water quality standard in the near future"). SWQB plans to explore the appropriateness of assigning Category 4B to certain waterbodies on the Pajarito Plateau with the assistance of stakeholders. SWQB and/or stakeholders need to submit additional information (six elements) to EPA for approval regarding Category 4B waters to clearly demonstrate how these other mechanisms are or are expected to address the noted pollutants within a reasonable time frame.

Given the large volume of available data for the Pajarito Plateau (some of which has not yet been entered into RACER) and potential impacts from the 2011 Las Conchas fire, SWQB believes it would be most efficient to complete this re-assessment and determine the final list of TMDL parameter-pairs vs. potential Category 4B listings immediately prior to draft TMDL development. Therefore, the 2010-2012 Integrated List impairment determinations for the Pajarito Plateau were carried over to the draft 2012-2014 Integrated List with no changes.

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. For additional details, see our Probable Source website (http://www.nmenv.state.nm.us/swqb/PS/) or our Probable Source standard operating procedure (ftp://ftp.nmenv.state.nm.us/www/swqb/MAS/SOP/4.1SOP-ProbableSourcesDetermination2011.pdf).

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:

- Upper Pecos River (upstream of Sumner Reservoir)
- Upper Rio Grande (upstream of Cochiti Reservoir)
- San Juan River, and
- Mimbres River

Available RACER and USGS data were also queried and assessed (see Section I B above regarding the Pajarito Plateau). The majority of impairment determinations outside of these watershed studies, with few individual exceptions, remain unchanged from the final 2010 - 2012 Integrated List.

If no new data were submitted by outside sources or collected by SWQB, then the listing were carried forward from the 2010 - 2012 list with a "**2012 ACTION:** None" notation in the ROD. All data collected during our 2011 intensive surveys were not available or reviewed for QA/QC purposes in time for development of this list. Conclusions from the 2011 intensive surveys and will be a focus of the 2014-2016 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
IR 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 Category5/5C	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
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 referred to as Sedimentation/Siltation impairment.
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 projected 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 most recent 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
hdwts	=	headwaters
HWY	=	Highway
Irr	=	irrigation
LANL	=	Los Alamos National Laboratory
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:

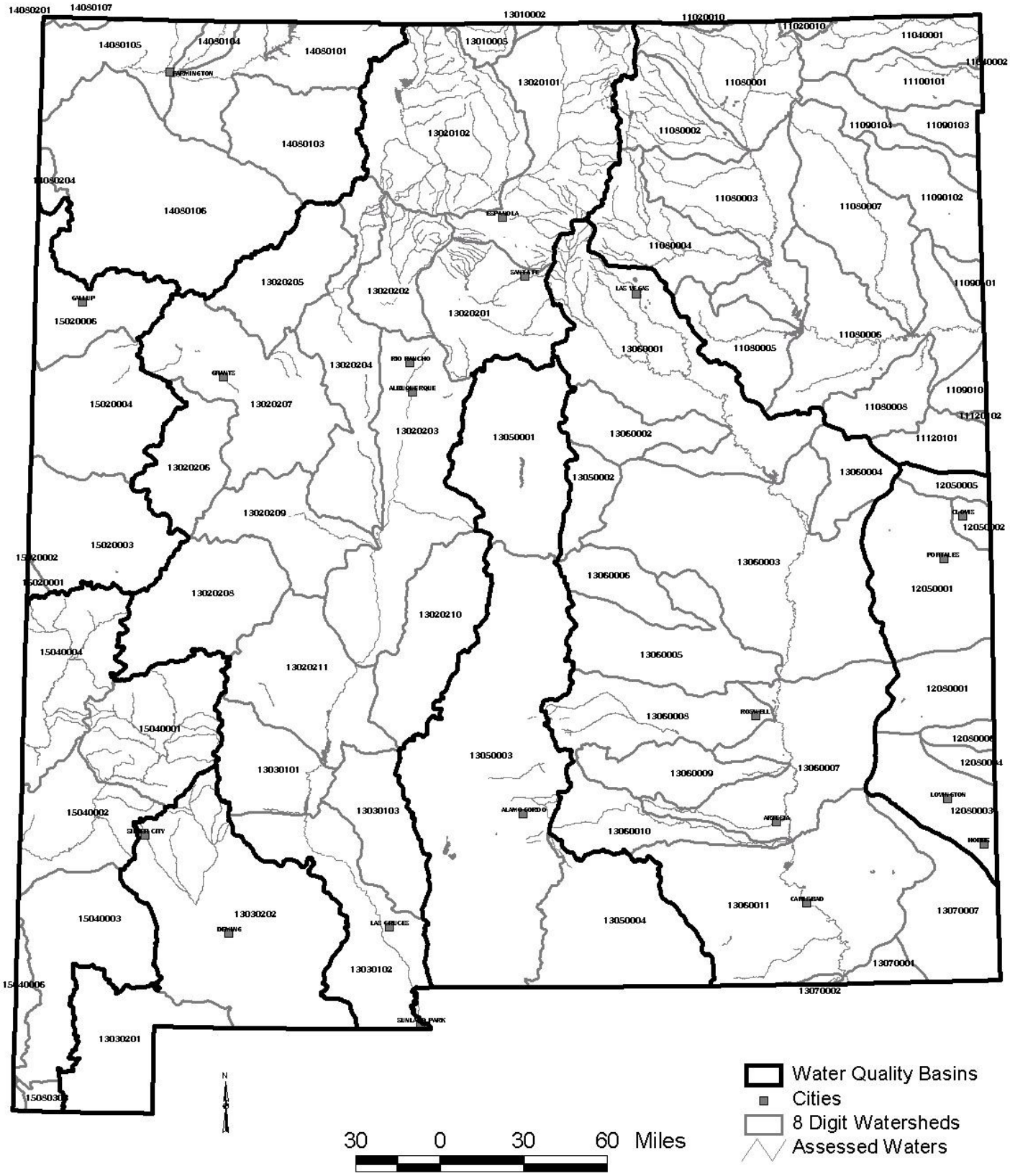
The federal Environmental Protection Agency has included the probable sources of “flow alterations from water diversions” and "drought-related impacts" in its 2004 database update.

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

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

Lake Maloya
Raton Creek (Chicorica Creek to headwaters)
Stubblefield Lake
VanBremmer Creek (HWY 64 to headwaters)
Vermejo River (York Canyon to headwaters)
York Canyon (Vermejo River to headwaters)

HUC: 11080002 Cimarron

Eagle Nest Lake
Greenwood Canyon (Middle Ponil to headwaters)
McCrystal Creek (North Ponil to headwaters)
Middle Ponil Creek (South Ponil to Greenwood Creek)
North Ponil Creek (Seally Canyon to headwaters)
North Ponil Creek (South Ponil Creek to Seally Canyon)
Ponil Creek (Cimarron River to US 64)
Springer Lake
Ute Creek (Cimarron River to headwaters)

HUC: 11080003 Upper Canadian

Charette Lake (Lower)

HUC: 11080004 Mora

Morphy (Murphy) Lake

HUC: 11080005 Conchas

Conchas Reservoir

HUC: 11080006 Upper Canadian-Ute Reserv

Ute Reservoir

HUC: 11100101 Upper Beaver

Clayton Lake

HUC: 12050002 Blackwater Draw

Green Acres Lake

HUC: 13010005 Conejos

Cañada Tío Grande (Río San Antonio to headwaters)
Rio San Antonio (CO border to Montoya Canyon)
Rio San Antonio (Montoya Canyon to headwaters)

HUC: 13020101 Upper Rio Grande

Acid Canyon (Pueblo to headwaters)
Apache Canyon (Rio Fernando de Taos to headwaters)
Arroyo del Palacio (Rio Grande to headwaters)
Bitter Creek (Red River to headwaters)
Cañada Aqua (Arroyo La Mina to headwaters)
DP Canyon (Los Alamos Canyon to LANL bnd)
Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)
Embudo Creek (Rio Grande to Canada de Ojo Sarco)
Gold Creek (Comanche Creek to headwaters)
Graduation Canyon (Pueblo Canyon to headwaters)
Grassy Creek (Comanche Creek to headwaters)
Guaje Canyon (San Ildefonso bnd to headwaters)
Los Alamos Canyon (DP Canyon to upper LANL bnd)
Los Alamos Canyon (NM-4 to DP Canyon)
Pioneer Creek (Red River to headwaters)
Pojoaque River (San Ildefonso bnd to Pojoaque bnd)
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 Fernando de Taos (R Pueblo d Taos to USFS bnd at canyon)
Rio Fernando de Taos (Tienditas Creek to headwaters)
Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)
Rio Grande (Embudo Creek to Rio Pueblo de Taos)
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 Grande del Rancho (Rio Pueblo de Taos to HWY 518)
Rio Pueblo (Picuris Pueblo bnd to headwaters)
Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)
Rio Pueblo de Taos (R Grande del Rancho to Taos Pueblo bnd)
Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)
Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)
Rio Santa Barbara (non-pueblo Embudo Ck to USFS bnd)
Santa Cruz Lake
Santa Cruz River (San Clara Pueblo bnd to Santa Cruz Dam)
Unnamed Arroyo (Rio Pueblo de Taos to Taos WWTP)
Walnut Canyon (Pueblo Canyon to headwaters)

HUC: 13020102 Rio Chama

Abiquiu Reservoir
Arroyo del Toro (Rio Chama to headwaters)
Cañada de Horno (Rio Chama to headwaters)
Canjilon Ck (Perennial portions Abiquiu Rsrv to headwaters)
El Vado Reservoir
Polvadera Creek (Cañones Creek 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 del Oso (Rio Chama to headwaters)
Rio Puerco de Chama (Abiquiu Reservoir to HWY 96)
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 (Cochiti Pueblo bnd to Paseo del Canon)
Santa Fe River (Paseo del Canon to Santa Fe WWTP)
Santa Fe River (Santa Fe WWTP to Nichols Rsvr)
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)
Tijeras Arroyo (Four Hills Bridge to headwaters)

HUC: 13020204 Rio Puerco

Rio Puerco (non-pueblo Rio Grande to Arroyo Chijuilla)
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
Cold Springs Creek (Hot Springs Creek to headwaters)
Gallinas Creek (Mimbres River to headwaters)
Mimbres R (Perennial reaches downstream of Willow Springs)
Mimbres R (Perennial reaches Willow Springs to Cooney Cny)
San Vicente Arroyo (Mimbres River to headwaters)

HUC: 13050003 Tularosa Valley

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

HUC: 13060001 Pecos Headwaters

Dalton Canyon Creek (Perennial prt Pecos R to headwaters)
El Porvenir Creek (Gallinas River to SFNF bnd)
El Rito (Pecos River to headwaters)
Falls Creek (Tecolote Creek to headwaters)
Gallinas River (Pecos River to Aguilar Creek)
Gallinas River (Perennial prt Aguilar Creek to Pecos Arroyo)
Glorieta Ck (Perennial prt Pecos R to Glorieta CC WWTP)
Macho Canyon Creek (Pecos River to headwaters)
McAllister Lake
Pecos Arroyo (Gallinas River to headwaters)
Pecos River (Santa Rosa Reservoir to Tecolote Creek)
Pecos River (Sumner Reservoir to Santa Rosa Reservoir)
Pecos River (Tecolote Creek to Villanueva State Park)
Santa Rosa Reservoir
Storrie Lake
Sumner Reservoir
Tecolote Creek (I-25 to Blue Creek)
Tres Lagunas (Northeast)
Willow Creek (Pecos River to headwaters)

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
Navajo River (Jicarilla Apache Nation to CO border)
San Juan River (Animas River to Cañon Largo)

HUC: 14080104 Animas

Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)
Animas River (San Juan River to Estes Arroyo)
Lake Farmington (Beeline Reservoir)

HUC: 14080105 Middle San Juan

La Plata R (McDermott Arroyo to So. Ute Indian Tribe bnd)
La Plata River (San Juan River to McDermott Arroyo)
San Juan River (Navajo bnd at Hogback to Animas River)

HUC: 15020004 Zuni

McGaffey Lake

HUC: 15040001 Upper Gila

East Fork Gila River (Gila River to headwaters)
Gila River (Mogollon Ck to East and West Forks of Gila R)
Gilita Creek (Middle Fork Gila R to Willow Creek)
Middle Fork Gila River (Gila River to headwaters)
Taylor Creek (Perennial reaches Beaver Creek to headwaters)
Turkey Creek (Gila River to headwaters)
West Fork Gila R (East Fork to Middle Fork)
West Fork Gila R (Middle Fork to headwaters)

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 (Centerfire Creek to AZ border)
San Francisco River (Dry Creek to Whitewater Creek)

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HUC: 11040001 Cimarron Headwaters

Carrizozo Creek (OK bnd 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	20.6.4.702	2016	2008	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: 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	20.6.4.702	2016	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:
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: TMDLs were prepared for sulfate and TDS (2009). A WQCC hearing in 2012 will consider a proposal to change the aquatic life use to coolwater.

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	20.6.4.702	2016	2008	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: 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	2016	2008	1

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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	20.6.4.702	2016	2008	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: TMDLs were prepared for E. coli and selenium (2009). A WQCC hearing in 2012 will consider a proposal to change the aquatic life use to coolwater.

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	2016	2008	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: 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	2016	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	Fully Supporting
Primary 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	4A

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:
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

Animal Feeding Operations (NPS)
Flow Alterations from Water Diversions
Rangeland Grazing

Assessment Unit Comments: A TMDL was prepared for nutrients (2011).

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
Primary 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
Primary 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	1998	2

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Marginal Warmwater Aquatic Life	Fully Supporting
Primary 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	20.6.4.311	2015	2008	2

Use Information:

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

Assessment Information:

Assessment Unit Comments:

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	20.6.4.312	2015	2008	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:
Temperature, water	2017

Assessment Unit Comments:

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	2016	1998	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
Primary 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:
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.

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
Primary 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: TMDLS were drafted for nutrients and e. coli (2011).

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). Application of the SWQB Hydrology Protocol (survey date 6/9/09) indicate this assessment unit is intermittent (Hydrology Protocol score of 14.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	4A

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:
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments: A TMDL was prepared for nutrients (2011).

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	4A

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:
Nutrient/Eutrophication Biological Indicators	2010

Probable Sources of Impairment:

Drought-related Impacts
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments: A TMDL was prepared for nutrients (2011).

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	2016	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	Not Assessed
Primary 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
Primary 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. Application of the SWQB Hydrology Protocol (survey date 6/9/2009) indicate this assessment unit should be perennial (Hydrology Protocol score of 30.0 but 0.3% no flow days at USGS gage 07203000 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2016	2000	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Public Water Supply	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	2016	2000	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary 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	2016	2008	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
Primary 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 Al 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 alumnium and fecal coliform, and re-listed for temperature in 2008. TMDLs were prepared for nutrients, e. coli, and temperature in 2010.

Cimarron River (Canadian River to Cimarron Village) 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	4A

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:
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). TMDLs were prepared for nutrients in 2010.

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	2016	2008	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Arsenic	2010
Temperature, water	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. TMDLs for temperature and arsenic (2010).

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	2016	2008	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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. TMDLs for nutrients and arsenic (2010).

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	2016	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
Primary 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	1332	20.6.4.309	2016	2008	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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) Minining
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	2016	2008	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
Primary 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	2016	2012	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
Primary 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. 2009 USFS thermograph data submitted for the 2012 listing cycle confirm the temperature 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	2016	2008	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
Primary 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
Watershed Runoff following Forest Fire
Wildlife Other than Waterfowl

Assessment Unit Comments: ONRW status for surface waters in the Valle Vidal as of February 2006. TMDL for nutrients (2011).

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	2016	2008	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Benthic-Macroinvertebrate Bioassessments (Streams)	
Temperature, water	2010

Probable Sources of Impairment:
Loss of Riparian Habitat

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	2016	2008	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
Primary 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-listed for fecal coliform 2008 because 2006 E. coli data indicate full support. TMDLs for temperature and plant nutrients (2010).

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	2016	2008	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
High Quality 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	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
Low Water Crossing
Natural Sources
Rangeland Grazing
Source Unknown
Watershed Runoff following Forest Fire
Wildlife Other than Waterfowl

Assessment Unit Comments: ONRW status for surface waters in the Valle Vidal as of February 2006. Tubidity listing confirmed during 2012 cycle. TMDL for temperature (2011).

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	2016	2008	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
Primary 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
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. TMDLs for e. coli (2010).

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	2016	2010	5/5C

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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 Al chronic; de-list letter for total phosphorus. TMDL for e. coli (2010).

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	2016	2010	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
Primary 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 Al chronic; de-list letter for total phosphorus. De-listed for Al chronic in 2008. TMDLs for e. coli and plant nutrients (2010).

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	4A

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:
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). TMDLs for nutrients (2010).

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	2016	2008	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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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: TMDLs for temperature and e. coli (2010).

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	2016	2008	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
Primary 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	2.5	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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	0.3	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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2016	2008	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
Primary 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. TMDLs for temperature, e. coli, and nutrients (2010).

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	2016	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
Primary 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	2016	2008	4A

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
Primary 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: TMDL for temperature (2010).

Springer Lake — Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.1.B_10	459	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: Coolwater and Irr are being proposed as designated 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	2016	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
Primary 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	2016	2008	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: TMDLs for arsenic, e. coli, and temperature (2010).

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	2016	2000	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Not Assessed
High Quality Coldwater Aquatic Life	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	4A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2010

Probable Sources of Impairment:

Avian Sources (waterfowl and/or other)
Drought-related Impacts
Rangeland Grazing
Wildlife Other than Waterfowl

Assessment Unit Comments: A TMDL was prepared for e. coli (2011).

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
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	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:

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	2004	4C

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
Primary 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	1998	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	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
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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:
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: HQCWAL, Irr, and DWS are being proposed as designated uses.

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
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Maestas (Lost) Lake Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2305.3.B_20	2.9	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
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: HQCWAL and DWS are being proposed as designated uses.

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
Primary 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
Primary 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	4.5	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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary 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
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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 (2007). Mineral spring in the area and inflow from wetlands may be contributing to exceedences of specific conductance. TMDLs were updated in 2011 due to new NPDES discharge.

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
Primary 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	4.5	20.6.4.99	2015	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: HQCWAL, Irr, and DWS are being proposed as designated uses.

Pacheco Lake Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_093	1.6	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
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: HQCWAL and DWS are being proposed as designated uses.

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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Primary 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
Primary 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
Primary 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
Primary 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
Primary 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
Primary 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
Primary 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
Primary 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
Public Water Supply	Not Assessed
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
Primary 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
Primary 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	4A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2010

Probable Sources of Impairment:

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

Assessment Unit Comments: Thermograph data and field notes suggest that the channel went dry in mid-June 2006. Application of the SWQB Hydrology Protocol (survey date 7/1/09) indicate this assessment unit is perennial (Hydrology Protocol score of 20.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). A TMDL was prepared for e. coli (2011).

Pajarito Creek (Canadian River 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	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary 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)
Municipal Point Source Discharges
Rangeland Grazing

Assessment Unit Comments: TMDLs were prepared for e. coli and nutrients (2011).

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:

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	Not Assessed
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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.

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
Primary 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	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Not Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary 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. Application of the SWQB Hydrology Protocol (survey date 7/1/09) indicate this assessment unit is perennial (Hydrology Protocol score of 20.8 but 11.5% no flow days at USGS gage 07227100 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). A TMDL was prepared for boron (2011).

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	148.6	20.6.4.99	2015	1998	5/5C

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:
Mercury in Fish Tissue	

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments: Coolwater is being proposed as a designated 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.

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	20.6.4.310	2016	2008	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:

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: Application of the SWQB Hydrology Protocol (6/30/09 survey date) indicate this assessment unit is perennial (Hydrology Protocol score of 23.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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:

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.

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	1998	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	2002	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	1998	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.

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:

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: 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.

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:

HUC: 12080004 Mustang Draw

Lane Salt Lake — Mustang 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.

Middle Lake — Mustang 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:

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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: n=1 (limited parameters) during the URG 2009 survey.

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	
Temperature, water	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L). Further evaluation is needed to determine if excessive nutrients is the cause of the DO impairment.

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	2017	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.

Lagunitas Lake #1 — Conejos

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
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:

Lagunitas Lake #2 — Conejos

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
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:

Lagunitas Lake #3 — Conejos

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
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:

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2004

Probable Sources of Impairment:
Rangeland Grazing
Source Unknown

Assessment Unit Comments: TMDL for temperature. There were 2 of 5 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	2012	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	
Temperature, water	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Further evaluation is needed to determine if excessive nutrients is the cause of the DO impairment.

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	2017	2012	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
Primary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Oxygen, Dissolved	
Temperature, water	2004

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: TMDL for temperature. Further evaluation is needed to determine if excessive nutrients is the cause of the DO impairment.

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: 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	2017	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
Primary 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	2017	2012	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
Primary 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). Thermograph data from three sites indicate full support for temperature.

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	20.6.4.123	2017	2012	5/5A

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
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: NMED's Hydrology Protocol (http://www.nmenv.state.nm.us/swqb/Hydrology/) was performed at this AU on 5/23/11. According to the protocol and supporting information, this AU falls under the "perennial" definition in 20.6.4.7 NMAC.

Arroyo del Palacio (Rio Grande to headwaters) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_004	9.82	20.6.4.98	2017	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: DOE-OB submitted PCB data for the 2012 listing cycle.

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: 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	2017		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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2004
Turbidity	2012

Probable Sources of Impairment:

Acid Mine Drainage
Highway/Road/Bridge Runoff (Non-construction Related)
Natural Sources
Source Unknown
Surface Mining

Assessment Unit Comments: TMDL for SBD (sedimentation/siltation) and Al acute. There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

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	0.8	20.6.4.99	2017		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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	2017		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This water body was sampled twice in 1991. No impairments were identified. Data are old -- changed to Not Assessed (2012).

Cañada Aqua (Arroyo La Mina to headwaters) Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_003	1.15	20.6.4.98	2017	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: DOE-OB submitted PCB data for the 2012 listing cycle.

Capulin Creek (R 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-2120.A_514	4.1	20.6.4.98	2017	2012	2

Use Information:

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

Assessment Information:

Assessment Unit Comments: NMED's Hydrology Protocol (http://www.nmenv.state.nm.us/swqb/Hydrology/) was performed at this AU on 5/23/11. According to the protocol and supporting information, this AU falls under the "intermittent" definition in 20.6.4.7 NMAC.

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	2017	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
Primary 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	2017	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
Primary 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	2017		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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
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	2012	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
Primary 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. Rio Grande Cufthroat trout re-introduction area. 2009 USFS thermograph data submitted for the 2012 listing cycle confirm the temperature listing.

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	2017	2012	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
Primary Contact	Fully Supporting
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.

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	2017	2004	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
Primary 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	2012	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
Primary 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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

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	2017	2004	4C

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
Primary 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	0.6	20.6.4.99	2017		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2017	2004	3

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	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: This water body was sampled once in 1991. There was one exceedence of the applicable dissolved zinc criterion at the time. Data are old -- changed to Not Assessed (2012).

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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: ONRW status was adopted for the Rio Santa Barbara, including the west, middle and east forks from their headwaters downstream to the boundary of the Pecos Wilderness.

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	2017	1998	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
Primary 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	0.7	20.6.4.99	2017		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2017	2012	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:
Nutrient/Eutrophication Biological Indicators	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: CWAL may be an existing use in this reach. This nutrient listing is marginal.

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	2017	2012	5/5A

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:
Sedimentation/Siltation	2005
Temperature, water	2012
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)
Source Unknown
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	1.3	20.6.4.123	2017	2012	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
Primary 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	0.8	20.6.4.123	2017	2012	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
Primary 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
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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
High Quality 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	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. TMDL for temperature (2011).

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	2017		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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

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:

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
High Quality 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:
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:

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. Application of the SWQB Hydrology Protocol (survey date 7/22/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 8.25 with 93.3% days with no flow at LANL gage E089 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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	2017		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
Primary 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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

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	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
Primary 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. TMDL for temperature (2011).

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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

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	2017	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
Primary 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	2017		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	1.8	20.6.4.121	2017	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
Primary 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." 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
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2017	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	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
Primary 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. TMDL for temperature (2011).

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	2017	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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Public Water Supply	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. There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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.

Los Alamos Canyon (NM-4 to DP Canyon) Upper Rio Grande

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	2012
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: 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:

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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

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	8.4	20.6.4.99	2017	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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2017	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
Primary 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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: ONRW status was adopted for the Rio Santa Barbara, including the west, middle and east forks from their headwaters downstream to the boundary of the Pecos Wilderness.

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	2017	1998	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
Primary 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	2017	2004	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
Primary Contact	Fully Supporting
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	1.6	20.6.4.121	2017	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
Primary 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 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	0.7	20.6.4.99	2017		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	0.6	20.6.4.99	2017		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2017		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
Primary 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	2017	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
Primary 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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2012
Turbidity	2004

Probable Sources of Impairment:
Off-road Vehicles
Source Unknown

Assessment Unit Comments: TMDL for turbidity.

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	1	20.6.4.123	2017		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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

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	2017	1998	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
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: This AU was not surveyed during the 2009 URG study. DOE-OB submitted PCB data for the 2012 listing cycle.

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
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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 (Permittted)
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. Application of the SWQB Hydrology Protocol (survey date 6/4/09) indicate this assessment unit is intermittent (Hydrology Protocol score of 16.5 with 4.1% days with no flow at LANL gage E060- see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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: 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. Application of the SWQB Hydrology Protocol (survey date 7/21/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 3.75 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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: 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

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	2017	2012	2

Use Information:

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

Assessment Information:

Assessment Unit Comments: There were 22 of 30 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L). During the most recent triennial review, the New Mexico WQCC adopted a hardness-dependent total aluminum criteria that replaced the aquatic life use dissolved aluminum criteria . EPA Region 6 has taken no action on this change as of this writing (12/15/11). SWQB assessed available total aluminum data against the WQCC-approved total aluminum criteria to determine impairment status for this AU.

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. 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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

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	2017	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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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	2017	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
Primary 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	2017	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
Primary Contact	Not Assessed
Public Water Supply	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Accessible only by lengthy hike.

Rio en Medio (non-pueblo lands Pojoaque R to Aspen Ranch) Upper Rio Grande

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	2017	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
Primary Contact	Not Assessed
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at canyo Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2120.A_512	5.1	20.6.4.123	2017	2012	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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2012
Nutrient/Eutrophication Biological Indicators	2012
Sedimentation/Siltation	2012
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	20.6.4.123	2017	2012	5/5A

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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2012

Probable Sources of Impairment:
Rangeland Grazing
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 E. coli data in 2007 (combined with 2006 data and assessed for 2008 cycle).

NMED's Hydrology Protocol (http://www.nmenv.state.nm.us/swqb/Hydrology/) was performed at this AU on 5/23/11. According to the protocol and supporting information, this AU falls under the "perennial" definition in 20.6.4.7 NMAC.

Rio Fernando de Taos (UFSF bnd at canyon 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_513	10.8	20.6.4.123	2017	2012	5/5A

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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: NMED's Hydrology Protocol (http://www.nmenv.state.nm.us/swqb/Hydrology/) was performed at this AU on 5/23/11. According to the protocol, this AU falls under the "perennial" definition in 20.6.4.7 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	2012	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
Public Water Supply	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Turbidity	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

Rio Grande (Klauer) spring — Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-132.S_01	0	20.6.4.132	2017	2012	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Assessed
Domestic Water Supply	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Limted data collection during 2009 URG survey (e. coli, gross alpha, and cyanide only).

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	2012	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
Public Water Supply	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
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	2017	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
pH	2012
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
Source Unknown
Watershed Runoff following Forest Fire

Assessment Unit Comments: TMDL for temperature.

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	2017	2012	2

Use Information:

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

Assessment Information:

Assessment Unit Comments:

Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd) Upper Rio Grande

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	2012	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
Public Water Supply	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
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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2012
Specific Conductance	2004
Temperature, water	2012

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Habitat Modification - other than Hydromodification
Highways, Roads, Bridges, Infrasturcture (New Construction)
Natural Sources
Source Unknown
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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: n=1 for metals, nutrients, e. coli, and field parameters during 2009 URG study (no exceedences).

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	2017	2012	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
Primary 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	2017	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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	2004	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Reach is difficult to access. Watershed impacted by 2012 Santa Fe National Forest Pacheco Fire.

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	2017	2012	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
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2012

Probable Sources of Impairment:
Source Unknown

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	2017	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2012
Temperature, water	2004

Probable Sources of Impairment:
Source Unknown

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	2012	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
Primary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2012
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	2017	2012	5/5C

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	
Temperature, water	2004

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Habitat Modification - other than Hydromodification
Other Recreational Pollution Sources
Rangeland Grazing
Source Unknown

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	2017	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
Primary 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	2017	2012	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
Primary Contact	Not 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: There were 2 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Benthic-Macroinvertebrate Bioassessments (Streams)	
Temperature, water	2012

Probable Sources of Impairment:
Source Unknown

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 holdrings.

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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: ONRW status was adopted for the Rio Santa Barbara, including the west, middle and east forks from their headwaters downstream to the boundary of the Pecos Wilderness.

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	2017	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	2017	2012	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:

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	2017	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
Primary 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	2017		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
Primary 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	2017	2012	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: 2009 USFS thermograph data submitted for the 2012 listing cycle indicate full support for temperature.

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	2017	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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
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	2017	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
Primary 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	2017	2012	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
Primary Contact	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:

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	2017	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Not 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
Temperature, water	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: There were 3 of 4 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2017	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
Primary 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	0.5	20.6.4.99	2017	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: HQCWAL, Irr, and DWS are being proposed as designated 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 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	0.6	20.6.4.123	2017	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
Primary 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	2017		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
Primary 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	2017	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
Primary 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	2017	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Application of the SWQB Hydrology Protocol (survey date 6/4/2009) indicate this assessment unit is perennial (Hydrology Protocol score of 31.3 but 0.6% no flow days at USGS gage 08302500 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

Tienditas Creek (R 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-2120.A_515	4.8	20.6.4.98	2017	2012	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: No data available. This AU was defaulted to 20.6.4.98. It may be perennial, Hydro Protocol needed to determine.

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	2017	2004	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary 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	2.6	20.6.4.123	2017		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
Primary 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	2.7	20.6.4.123	2017		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Unnamed Arroyo (Rio Pueblo de Taos to Taos WWTP) — Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-99.A_005	0.62	20.6.4.99	2017	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Ammonia (Total)	2012
Nutrient/Eutrophication Biological Indicators	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: This channel is effluent-dominated. Non support for both chronic and acture total ammonia.

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	2017	2012	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
Primary Contact	Fully Supporting
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	2012	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
Primary 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. 2009 USFS thermograph data submitted for the 2012 listing cycle indicate full support for temperature.

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. 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	2017	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: ONRW status was adopted for the Rio Santa Barbara, including the west, middle and east forks from their headwaters downstream to the boundary of the Pecos Wilderness.

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	2017	2000	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
Primary 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	2017	1998	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
Primary 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 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.

Arroyo del Toro (Rio Chama to headwaters) — Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_006	6.81	20.6.4.98	2012	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: DOE-OB submitted PCB data for the 2012 listing cycle.

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.

Cañada de Horno (Rio Chama to headwaters) — Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_005	2.82	20.6.4.98	2012	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2014

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: DOE-OB submitted PCB data for the 2012 listing cycle.

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	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not 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	2011
Specific Conductance	2011
Temperature, water	2011
Turbidity	2011

Probable Sources of Impairment:

Agriculture
Drought-related Impacts
Flow Alterations from Water Diversions
Highway/Road/Bridge Runoff (Non-construction Related)
Livestock (Grazing or Feeding Operations)
Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Source Unknown
Streambank Modifications/destablization
Wildlife Other than Waterfowl

Assessment Unit Comments: Sonde data needed to verify nutrient and turbidity listings prior to TMDL development. TMDLs prepared for temperature and SC in 2011.

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	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
Primary 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. 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	1.6	20.6.4.119	2012		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
Primary 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
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:

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
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:

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	4.1	20.6.4.119	2012		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
Primary 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	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This water body was sampled twice in 1991. No impairments were identified. Data are old -- changed to Not Assessed (2012).

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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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 Al 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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)

Chihuahuenos 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Primary 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
Primary Contact	Not Assessed
Public Water Supply	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
Public Water Supply	Not Assessed
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	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: The 1982 data are old, and it is unclear how they were used to determine the original impairment listings. The results of the 1999 survey (n=1) do not indicate potential nutrient, pH, DO, or turbidity impairment. An n=1 is insufficient to determine use support. This lake will be prioritized for study during the next Rio Chama watershed survey (2012).

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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

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

Assessment Information:

Assessment Unit Comments:

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
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: TMDL prepared for e. coli (2011).

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
Primary 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
Primary 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	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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:
Flow Alterations from Water Diversions
Highway/Road/Bridge Runoff (Non-construction Related)
Municipal Point Source Discharges
Other Recreational Pollution Sources
Rangeland Grazing

Assessment Unit Comments: TMDLs were prepared for e. coli , nutrients, and temperature in 2011.

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	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2011
E. coli	2011
Temperature, water	2011

Probable Sources of Impairment:

Highway/Road/Bridge Runoff (Non-construction Related)
Impervious Surface/Parking Lot Runoff
Other Recreational Pollution Sources
Rangeland Grazing
Rural (Residential Areas)
Source Unknown

Assessment Unit Comments: TMDLs were prepared for e. coli and temperature in 2011.

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 Al 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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

Probable Sources of Impairment:
Flow Alterations from Water Diversions
Highway/Road/Bridge Runoff (Non-construction Related)
Highways, Roads, Bridges, Infrasturcture (New Construction)
Inappropriate Waste Disposal
Loss of Riparian Habitat
Other Recreational Pollution Sources
Rangeland Grazing
Rural (Residential Areas)
Streambank Modifications/destablization
Wastes from Pets
Wildlife Other than Waterfowl

Assessment Unit Comments: TMDLs were prepared for temperature (2004), and e. coli and nutrients (2011).

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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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:
Aquaculture (Permitted)
Flow Alterations from Water Diversions
Highway/Road/Bridge Runoff (Non-construction Related)
Loss of Riparian Habitat
Municipal Point Source Discharges
Natural Sources
Other Recreational Pollution Sources
Rangeland Grazing
Streambank Modifications/destablization
Urban Runoff/Storm Sewers
Wastes from Pets
Wildlife Other than Waterfowl

Assessment Unit Comments: TMDL for ammonia, total phosphorus, fecal coliform, temp (1999), and aluminum (2004); de-list for total phosphorus because of WQS change. TMDLs were prepared for e. coli and nutrients (2011).

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	2012	2000	5/5A

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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
PCBs	2014

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: This AU is likely not perennial. It went dry during the last intensive survey (2000). DOE-OB submitted PCB data for the 2012 listing cycle.

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	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2010	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
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 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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 Al 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
Primary 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:

Channelization
Highway/Road/Bridge Runoff (Non-construction Related)
Impervious Surface/Parking Lot Runoff
Loss of Riparian Habitat
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing

Assessment Unit Comments: Sonde data needed to verify nutrient listing prior to TMDL development. TMDLs prepared for temperature and e. coli in 2011.

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	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	4A

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	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2011

Probable Sources of Impairment:

Crop Production (Crop Land or Dry Land)
Highways, Roads, Bridges, Infrasturcture (New Construction)
Impervious Surface/Parking Lot Runoff
Livestock (Grazing or Feeding Operations)
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Wastes from Pets
Wildlife Other than Waterfowl

Assessment Unit Comments: TMDL was prepared for nutrients in 2011.

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
Primary Contact	Not Assessed
Public Water Supply	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 Al 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	Not Assessed
High Quality 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:
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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	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
Primary 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
Primary 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
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary 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: 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 (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_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.

Cañon de Valle (below LANL gage E256) Rio Grande-Santa Fe

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.

Cañon de Valle (LANL gage E256 to Burning Ground Spr) Rio Grande-Santa Fe

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: 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. Application of the SWQB Hydrology Protocol (survey date 7/22/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 5.5 with 97.0% days with no flow at LANL gage E253 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	2014	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
Primary 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. Application of the SWQB Hydrology Protocol at various locations in this AU (survey dates include 9/9/2008, 6/24/2009, 5/26/2009) indicate this assessment unit has perennial portions - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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
Primary 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
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
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. 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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
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.

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
Secondary 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: 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:

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.

Pajarito Canyon (within LANL above Starmers Gulch) Rio Grande-Santa Fe

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
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.

Pajarito Canyon (within LANL below Arroyo de La Delfe) Rio Grande-Santa Fe

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:

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	2012	5/5C

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2016
Gross Alpha - Adjusted	2016
PCBs	2016
PCBs in Fish Tissue	
Turbidity	2016

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. RACER data were used to determine the PCB and adjusted gross alpha 2012 listings. Additional data would helpful prior to TMDL development.

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
Primary 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	2

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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 trienniel.

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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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
Irrigation	Fully 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:

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:

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
Primary 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:

Sandia Canyon (Sigma Canyon to NPDES outfall 001) Rio Grande-Santa Fe

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	4.9	20.6.4.121	2017	1998	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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

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 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 assess for impairments.

Santa Fe River (Cochiti Pueblo bnd to Paseo del Canon) Rio Grande-Santa Fe

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	2012	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	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2010
Sedimentation/Siltation	

Probable Sources of Impairment:

Municipal Point Source Discharges
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Source Unknown

Assessment Unit Comments: TMDL for SBD (sedimentation/siltation), DO, pH, chlorine, and nutrients. De-listed for pH, chlorine, and DO.

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	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
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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).

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	2012	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

Probable Sources of Impairment:

Municipal Point Source Discharges
Source Unknown
Urban Runoff/Storm Sewers
Wastes from Pets

Assessment Unit Comments: TMDL for SBD (sedimentation/siltation), DO, pH, chlorine, and nutrients. De-listed for pH, chlorine, sedimentation, and DO. Santa Fe River below the WWTP is effluent-dominated.

Santa Fe River (Santa Fe WWTP to Nichols Rsvr) Rio Grande-Santa Fe

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
Source Unknown
Urban Runoff/Storm Sewers

Assessment Unit Comments: Application of the SWQB Hydrology Protocol (survey date 6/28/08) indicate this assessment unit is intermittent (Hydrology Protocol score of 9.0) at the station below Frenchie's Field, and perennial near the top of the AU (score of 21.0) at the station below Cerro Gordo Road - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). McClure and Nichols Reservoirs impound water on the Santa Fe River for municipal water supply purposes.

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
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: 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: 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: 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. Application of the SWQB Hydrology Protocol (survey date 7/21/08) indicate this assessment unit is intermittent (Hydrology Protocol score of 9.8 with 24.1% days with no flow at LANL gage E252 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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.

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	Not Assessed
High Quality 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: 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	Not Assessed
High Quality 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:
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	Not Assessed
High Quality 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
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	Not Assessed
High Quality 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	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., Pl-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
Primary 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	Not Assessed
High Quality 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	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 Al 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	Not Assessed
High Quality 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	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 Al (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
Primary 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	Not Assessed
High Quality 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	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
Primary 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	Not Assessed
High Quality 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	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	Not Assessed
High Quality 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
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-occuring 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	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	Not Assessed
High Quality 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

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	Not Assessed
High Quality 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:
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 confl 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	Not Assessed
High Quality 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	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/siltaiton 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	Not Assessed
High Quality 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:
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	Not Assessed
High Quality Coldwater Aquatic Life	Not 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	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	Not Assessed
High Quality 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:
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	Not Assessed
High Quality 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
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	Not Assessed
High Quality 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:
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
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: 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	Not Assessed
High Quality 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
Turbidity	2015

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: 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	2015

Probable Sources of Impairment:
Natural Sources
Source Unknown

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:

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
Public Water Supply	Not Assessed
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. Application of the SWQB Hydrology Protocol (9/10/2008 survey date) indicate there are perennial portions in this AU (Hydrology Protocol score of 29.5 at Paliza Campground - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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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:
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 ephermeral 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.

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
Primary Contact	Not Assessed
Public Water Supply	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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2009
Oxygen, Dissolved	2016
PCBs in Fish Tissue	
Temperature, water	2016

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 trienniel. 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. TMDL for e. coli (2010).

Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge) Rio Grande-Albuquerque

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	5/5C

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Ambient Bioassays -- Acute Aquatic Toxicity	
E. coli	2009
Gross Alpha - Adjusted	2016
Oxygen, Dissolved	2016
PCBs	2016
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 trienniel. 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. MDL for e. coli (2010). DOE OB submitted PCB and gross alpha data for the 2012 listing cycle. Additional data would helpful prior to TMDL development.

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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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: TMDL for e. coli (2010).

Rio Grande (San Marcial at USGS gage to Rio Puerco) Rio Grande-Albuquerque

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	4A

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Warmwater Aquatic Life	Not Supporting
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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: TMDLs for e. coli and aluminum (2010).

Tijeras Arroyo (Four Hills Bridge 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	15	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
Discharges from Municipal Separate Storm Sewer Systems (MS4)
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. This upper AU is often referred to as Tijeras Creek or Tijeras Canyon.

Tijeras Arroyo (Rio Grande to Four Hills Bridge) Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_070	0.76	20.6.4.98	2014	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: Application of the SWQB Hydrology Protocol (survey date 6/24/09) indicate this assessment unit is ephemeral (Hydrology Protocol score of 3.0 with 89.1% days with no flow at USGS gage 08330600 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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: Application of the SWQB Hydrology Protocol (survey date 9/16/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 6.5- see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Public Water Supply	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 occuring in this watershed. Application of the SWQB Hydrology Protocol (9/16/2008 survey date) indicate there are perennial portions in this AU (Hydrology Protocol score of 32.0 above the irrigation ditch - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Application of the SWQB Hydrology Protocol (9/16/08 survey date) indicate this AU is perennial (Hydrology Protocol score of 21.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	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:

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	20.6.4.131	2011	2006	4A

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:
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	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2014
Mercury	2014

Probable Sources of Impairment:
Source Unknown

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 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: Application of the SWQB Hydrology Protocol (survey date 9/16/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 0.0 and 3.5 at two stations - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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. Application of the SWQB Hydrology Protocol (survey date 6/16/09) indicate this assessment unit is intermittent at Cubita Rd (Hydrology Protocol score of 15.3 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). Appropriate WQS citation should be determined while assessing data for the 2014 listing cycle.

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:

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: Application of the SWQB Hydrology Protocol (survey date 6/16/09) indicate this assessment unit is intermittent (Hydrology Protocol score of 17.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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. Application of the SWQB Hydrology Protocol on 9/18/08 at the station immediately above the Rio Puerco indicate this AU is ephemeral (Hydrology Protocol of 5.5), while surveys on 9/19/11 and 10/27/11 at FR 20/533 indicate intermittent (Hydrology Protocol scores of 19 and 16.5, respectively). See http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol. An AU split should be considered while assessing data for the 2014 listing cycle.

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	Not Assessed
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: Application of the SWQB Hydrology Protocol (survey date 9/18/08) indicate this assessment unit is intermittent (Hydrology Protocol score of 9.5 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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.

Laguna Seco — North Plains

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:

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	2011	2006	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
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:

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). Application of the SWQB Hydrology Protocol (survey date 10/31/11) indicate this assessment unit may be intermittent at FR 178 (Hydrology Protocol score of 11.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). Appropriate WQS citation should be determined while assessing data for the 2014 listing cycle.

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	Not Assessed
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	608.6	20.6.4.109	2011	2006	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Domestic Water Supply	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	Not Assessed
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.

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	1998	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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: Application of the SWQB Hydrology Protocol (survey date 9/10/2008) indicate this assessment unit is intermittent (Hydrology Protocol score of 11.25 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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:
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:
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:

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
Primary Contact	Not Assessed
Public Water Supply	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 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.

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:
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:
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:
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:
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.

Rio Grande (Anthony Bridge to Picacho Bridge) El Paso-Las Cruces

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
Primary 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.

Rio Grande (International Mexico bnd to Anthony Bridge) El Paso-Las Cruces

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
Primary 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.

Rio Grande (Leasburg Dam to one mile below Percha Dam) El Paso-Las Cruces

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
Primary 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
Primary 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.

Tierra Blanca Creek (Rio Grande to headwaters) El Paso-Las Cruces

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2103.A_70	33.6	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:

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	2015	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
Primary 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	2015	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
Primary 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	2015	2012	5/5A

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:
Mercury in Fish Tissue	
Nutrient/Eutrophication Biological Indicators	2017
Temperature, water	2013

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Loss of Riparian Habitat
Rangeland Grazing
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.

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	2015	2012	5/5A

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:
Cadmium	2013
Lead	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Application of the SWQB Hydrology Protocol (survey date 5/26/09) indicate this assessment unit is perennial (Hydrology Protocol score of 20.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	20.6.4.803	2015	2012	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:
Nutrient/Eutrophication Biological Indicators	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Sonde data and/or chlorophyll collection recommended prior to TMDL development. Application of the SWQB Hydrology Protocol (5/26/09 survey date) indicate this assessment unit is perennial (Hydrology Protocol score of 18.5 to 22.5 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	2015	2012	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:

Hot Springs Ck (Perennial prt of Mimbres R 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	2015	2012	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: The perennial portion is privately owned -- SWQB was denied access during during both watershed surveys (2002 and 2009).

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	2015	2012	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
Primary 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	2015	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: HQCWAL with WQ criterion 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	2015	2012	5/5B

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2013
Temperature, water	2013

Probable Sources of Impairment:
Irrigated Crop Production
Rangeland Grazing
Source Unknown

Assessment Unit Comments: CWAL with WQ criterion of 20 degrees C may not be appropriate. WQS under review. This AU near the ecoregion boundary and is more closely associated with ecoregion 24b (Chihuahuan Desert).

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	2015	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2011

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: HQCWAL with WQ criterion 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	2015	2012	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:
Nutrient/Eutrophication Biological Indicators	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Hydrology Protocol needed to determine nature of AU.

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	2015	2004	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:

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.

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
Primary 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.

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

Assessment Information:

Assessment Unit Comments:

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	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 playa was only sampled once in 1995, so Not Assessed.

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	5/5B

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2008

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: CWAL with WQ criterion of 20 degrees C may not be appropriate. WQS is under review.

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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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. 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 playa was only sampled once in 1993, so Not Assessed.

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 playa was only sampled once in 1993, so Not Assessed.

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	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 playa was only sampled once in 1993, so Not Assessed.

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	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: Habitat for White Sands pup fish. This playa was only sampled once in 1995, so Not Assessed.

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	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: Habitat for White Sands pup fish. This playa was only sampled once in 1995, so Not Assessed.

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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Public Water Supply	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
Primary 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
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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
Primary 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
Primary 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	2

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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
Primary 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
Primary 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	2018	2012	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
Primary Contact	Fully Supporting
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	2018	2012	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
Primary Contact	Fully Supporting
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	2018	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	2018	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:

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

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	2018	2012	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
Primary Contact	Fully Supporting
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	2018	2012	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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	2004

Probable Sources of Impairment:

Loss of Riparian Habitat
Rangeland Grazing
Watershed Runoff following Forest Fire

Assessment Unit Comments: TMDLs 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	2018	2012	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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	2004

Probable Sources of Impairment:
Loss of Riparian Habitat
Rangeland Grazing
Streambank Modifications/destablization
Watershed Runoff following Forest Fire

Assessment Unit Comments: TMDLs for temperature and turbidity. HQCWAL may not be attainable. There were 2 of 8 exceedences (302 and 307) of the 300 us/cm segment-specific specific conductance criterion, but sonde data (n=171 hours, 9/27/10 - 10/4/10) did not document any exceedences. Therefore, specific conductance is noted as a parameter of concern given conflicting grab vs. sonde data.

Dalton Canyon Creek (Perennial prt Pecos R 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	2018	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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:
Specific Conductance	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Portions went dry during both the 2001 and 2010 surveys.

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

El 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	2018	2012	5/5C

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
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	2012

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: There were 2 of 3 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2018	2012	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
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: There were 2 of 3 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2018	2012	5/5C

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Ammonia (Total)	
E. coli	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Additional ammonia sampling and full Level 2 nutrient assessment recommended prior to TMDL development.

Falls 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_12	6.15	20.6.4.215	2018	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Specific Conductance	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments:

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	2018	2012	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	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. There were 2 of 3 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

Gallinas River (Pecos Arroyo to Las Vegas Diversion) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_23	4.44	20.6.4.220	2018	2012	1

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: No sonde, thermograph, or habitat data were collected in this AU during the 2010 survey.

Gallinas River (Pecos River to Aguilar Creek) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_20	20.3	20.6.4.98	2018	2012	5/5C

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:
Oxygen, Dissolved	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: This assessment unit is not perennial. USGS 08382500 gage data from 1/1/1951 to 9/7/2011 documents 8848 days (40%) with zero daily flow. Sonde was in isolated pool - redeployment recommended.

Gallinas River (Perennial prt Aguilar Creek to Pecos Arroyo) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_21	41.6	20.6.4.220	2018	2012	5/5A

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:
Nutrient/Eutrophication Biological Indicators	2013
Temperature, water	2013
Turbidity	2013

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	2018	2010	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
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

Glorieta Ck (Perennial prt Glorieta CC WWTP to headwaters) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_082	6	20.6.4.217	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Very limited data.

Glorieta Ck (Perennial prt Pecos R to Glorieta CC WWTP) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.A_081	8.1	20.6.4.217	2018	2012	5/5B

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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:
Nutrient/Eutrophication Biological Indicators	
Specific Conductance	2005

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Flow in this AU is 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	2018	2012	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
Primary Contact	Fully Supporting
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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
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	2.5	20.6.4.217	2018		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

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	2018	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:

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	2018		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Access is difficult -- high elevation 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	0.5	20.6.4.99	2018	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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2018	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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:
Specific Conductance	2013

Probable Sources of Impairment:
Source Unknown

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	2018	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	5.8	20.6.4.99	2018	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: HQCWAL, Irr, and DWS are being proposed as designated uses. This water body was sampled once in 2001. An n=1 is insufficient to determine use support.

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	2018	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	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
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	2018		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:

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	2018	2012	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	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: There were 5 of 5 exceedences of the 2007 NMAC dissolved aluminum chronic criterion (87 ug/L).

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	2018		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

Pecos River (Alamitos Canyon 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_002	21.1	20.6.4.217	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: A TMDL was prepared for turbidity.

Pecos River (Canon de Manzanita to Alamitos 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	2018	2012	4A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	2004

Probable Sources of Impairment:

Flow Alterations from Water Diversions
Loss of Riparian Habitat
Rangeland Grazing
Source Unknown

Assessment Unit Comments: TMDLs were written for temperature and turbidity. De-list for turbidity.

Pecos River (Cow 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_02	21.8	20.6.4.216	2018	2012	1

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F above Pecos Falls.

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	2018	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: This entire assessment unit is not perennial. USGS 08382600 gage data from 1/1/1976 to 9/7/2011 documents 3596 days (28%) with zero daily flow.

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	2018	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Fish Culture	Not Assessed
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:
Nutrient/Eutrophication Biological Indicators	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: The nutrient listing is marginal.

Pecos River (Tecolote Creek to Villanueva State Park) Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_00	18.6	20.6.4.216	2018	2012	5/5A

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:
Temperature, water	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: The AU boundary is the downstream end of the state park.

Pecos River (Villanueva State Park to Cow Creek) — Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2213_01	19.4	20.6.4.216	2018	2012	1

Use Information:

Designated Use (s):	Attainment:
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Marginal Coldwater Aquatic Life	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments: The AU boundary is the downstream end of the state park.

Perch Lake — Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2211.B_40	3.6	20.6.4.99	2018	2010	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: Coolwater is being proposed as a designated use.

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	2018	2004	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:

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
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	2018	2004	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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	1752	20.6.4.211	2018	2012	5/5C

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:
Mercury in Fish Tissue	

Probable Sources of Impairment:

Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments: Coolwater is being proposed as a designated 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.

Spirit Lake — Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2214.B_80	2.9	20.6.4.99	2018		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2018		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: Access is difficult -- high elevation 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	2018	2004	5/5C

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Assessed
Public Water Supply	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	2018	2012	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	2018	2012	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
Primary Contact	Fully Supporting
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	2018	2012	5/5B

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
High Quality Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	
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)
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: HQCWAL may not be an attainable use. Sonde or second chlorophyll sample needed to confirm nutrient impairment.

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	2018	2012	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. n = 1 at two stations during 2010 survey, so not assessed.

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	2018	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 origionally 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	2018		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	2018		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	0.7	20.6.4.99	2018		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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2.6	20.6.4.99	2018	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: HQCWAL, Irr, and DWS are being proposed as designated uses.

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	2018	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:

Willow 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_030	5.26	20.6.4.217	2018	2012	5/5A

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality 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:
Sedimentation/Siltation	2013
Specific Conductance	2013

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Continuing monitoring data following Terrrero Mine reclaimation indicate improved water quality with respect to metals (previous listed for cadmium and zinc). A sediment survey at the station near the bottom of the AU may be warranted prior to TMDL development.

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
Domestic Water Supply	Fully Supporting
Fish Culture	Not Assessed
High Quality Coldwater Aquatic Life	Fully Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Wildlife Habitat	Fully Supporting

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	2018	2012	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
Primary Contact	Fully Supporting
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	2015

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 (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 NWR - 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 NWR - 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 NWR - 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 NWR - 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 NWR - 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 NWR - 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 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	0.3	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. Coolwater is being proposed as a designated use.

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: Application of the SWQB Hydrology Protocol (survey date 10/28/08) indicate this assessment unit is ephemeral (Hydrology Protocol score of 5.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). NMED must complete the process detailed in 20.6.4.15 NMAC Subsection C in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

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	2.8	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. 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	0.4	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. Coolwater is being proposed as a designated 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. 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	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: This is within Bottomless Lakes State Park. Livestock watering is not allowed.

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.

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	2012	2002	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 algalcide in the past to protect this drinking water supply.

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	2012	2006	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
Primary Contact	Not Assessed
Public Water Supply	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This water body was sampled once in 2003. An n=1 is insufficient to determine use support.

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	2012	2006	5/5C

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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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.

Eagle Creek (Rio Ruidoso to Alto Lake) Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_007	18.83	20.6.4.98	2012		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:

Grindstone Canyon (Carrizo Creek to Gindstone Rsvr) Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_008	0.9	20.6.4.98	2012		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:

Grindstone Canyon (Grindstone Rsvr to headwaters) Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-98.A_009	1.1	20.6.4.98	2012		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:

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	2012	2006	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
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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. Copper sulfate is added 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 exdeedences of both the chronic and acute WQS for dissolved copper during SWQB's 2003 survey. The Village has reduced the amount and frequency of copper sulfate application in the reservoir for algae control.

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	2012		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	2012	2006	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
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
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	2012	2006	4C

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2012	2006	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Fully Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2012	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 (20.6.498) 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	2012	2006	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
Primary Contact	Not Assessed
Public Water Supply	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	2012	2006	4A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2012	2006	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
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
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	2012	2006	4C

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
Primary Contact	Not Assessed
Public Water Supply	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	2012	2006	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
Primary Contact	Not Assessed
Public Water Supply	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	1998	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	2012	2006	5/5C

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2012	2006	5/5A

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Fish Culture	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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: Application of the SWQB Hydrology Protocol (survey date 10/28/08) indicate this assessment unit is perennial (Hydrology Protocol score of 30.0 but 2.0% no flow days of available gage data - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	2012	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	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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
Primary 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.

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: Hypersaline due to potash mining activities, so livestock watering likely not attainable or existing.

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:

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:

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:

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	Not Assessed
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	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	Not Assessed
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:
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	Not Assessed
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
Primary Contact	Not Assessed
Warmwater Aquatic Life	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Boron	2015
Oxygen, Dissolved	2015
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
Primary 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.

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	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	2018	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.

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	2018	2004	3

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Assessed
Irrigation	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Public Water Supply	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	2018	2012	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation Storage	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Warmwater Aquatic Life	Fully Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Mercury in Fish Tissue	
Temperature, water	

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.

Navajo River (Jicarilla Apache Nation 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_00	6.6	20.6.4.407	2018	2012	5/5B

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Temperature, water	

Probable Sources of Impairment:
Source Unknown

Assessment Unit Comments: Fisheries data indicate coolwater may be a more appropriate ALU -- WQS review needed.

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	2018	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Sedimentation/Siltation	2004
Turbidity	2013

Probable Sources of Impairment:

Drought-related Impacts
Loss of Riparian Habitat
Petroleum/natural Gas Activities
Petroleum/natural Gas Production Activities (Permitted)
Source Unknown

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	2018	2012	2

Use Information:

Designated Use (s):	Attainment:
High Quality Coldwater Aquatic Life	Fully Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Fully Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

HUC: 14080104 Animas

Animas River (Estes Arroyo to So. Ute Indian Tribe bnd) 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	2018	2012	5/5B

Use Information:

Designated Use (s):	Attainment:
Coldwater Aquatic Life	Not Supporting
Industrial Water Supply	Not Assessed
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary Contact	Not Supporting
Public Water Supply	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Phosphorus (Total)	
Sedimentation/Siltation	
Temperature, water	2004
Turbidity	

Probable Sources of Impairment:
Channelization
Drought-related Impacts
Irrigated Crop Production
Loss of Riparian Habitat
Municipal (Urbanized High Density Area)
Rangeland Grazing
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: Coldwater aquatic life use may not be existing or attainable -- WQS review needed (IR Category 5B). Additional % sand and fines data warranted to confirm 2012 sedimentation listing (IR Category 5C).

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	2018	2012	5/5A

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Nutrient/Eutrophication Biological Indicators	2004
Temperature, water	2013
Turbidity	2013

Probable Sources of Impairment:
Drought-related Impacts
Flow Alterations from Water Diversions
Municipal (Urbanized High Density Area)
Municipal Point Source Discharges
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: TMDL for nutrients.

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	20.6.4.409	2018	2012	5/5B

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Mercury in Fish Tissue	
Temperature, water	

Probable Sources of Impairment:
Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments: This is the City of Farmington's drinking water supply reservoir. 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	66.7	20.6.4.99	2018	2008	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: Coolwater and Irr are being proposed as designated uses. This water body was sampled once in 2002. Although there were no exceedences, an n=1 is insufficient to determine use support.

La Plata R (McDermott Arroyo to So. Ute Indian Tribe bnd) 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	2018	2012	5/5A

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
Primary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	2004
Nutrient/Eutrophication Biological Indicators	2013

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
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: TMDLs for DO and e. coli. The response variable DO was replaced with causal variable of nutrients based on 2010 survey data.

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	2018	2012	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	Fully Supporting
Primary Contact	Not Supporting
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Oxygen, Dissolved	2004
Sedimentation/Siltation	2004
Turbidity	

Probable Sources of Impairment:

Animal Feeding Operations (NPS)
Drought-related Impacts
Flow Alterations from Water Diversions
Loss of Riparian Habitat
Rangeland Grazing
Source Unknown
Streambank Modifications/destablization

Assessment Unit Comments: There were conflicting results between the 2002 dissolved oxygen sonde data (using percentage) and grab data. 2010 sonde equipment failure -- redeployment needed. Coolwater aquatic life use may be a more appropriate ALU based on available fisheries data. Application of the SWQB Hydrology Protocol (survey date 6/17/09) indicate this assessment unit is perennial (Hydrology Protocol score of 28.3 but 14.2% no flow days at USGS gage 09367500 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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

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	2018	2012	5/5C

Use Information:

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
E. coli	
Sedimentation/Siltation	
Turbidity	

Probable Sources of Impairment:
Drought-related Impacts
Municipal Point Source Discharges
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rangeland Grazing
Source Unknown

Assessment Unit Comments: TMDLs were prepared for fecal coliform and E. coli. Additional % sand and fines data warranted to confirm 2012 sedimentation listing.

Shumway Arroyo (San Juan River to Ute Mtn Ute bnd) Middle San Juan

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	2018	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: Application of the SWQB Hydrology Protocol (survey date 6/17/09) indicate this assessment unit is intermittent (Hydrology Protocol score of 18.8 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

Stevens Arroyo (Perennial prts San Juan R to headwaters) Middle San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2401_11	1.5	20.6.4.99	2018	2012	2

Use Information:

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

Assessment Information:

Assessment Unit Comments: The arroyo generally starts flowing near the Farmers Mutual Ditch. E. coli was the only parameter sampled during the 2010 survey.

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	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:

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	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:

Gabaldon Lake — Carrizo Wash

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.

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:

Pine Lake — Carrizo Wash

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:

Quemado Lake — Carrizo Wash

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_096	111.4	20.6.4.99	2011	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 water body was sampled once in 2004. Although there were no exceedences, an n=1 is insufficient to determine use support.

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: Application of the SWQB Hydrology Protocol on 5/19/2009 indicate this assessment unit is intermittent (Hydrology Protocol score of 10.5), while survey data from 10/12/11 indicate ephemeral at the station above the falls (score of 0.0). See http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol. Appropriate WQS citation should be determined while assessing data for the 2014 listing cycle.

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

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Nutrient/Eutrophication Biological Indicators	2017
pH	2017

Probable Sources of Impairment:
Source Unknown

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 Lake — Zuni

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.B_110	250	20.6.4.452	2012	2006	2

Use Information:

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

Assessment Information:

Assessment Unit Comments:

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	20.6.4.451	2012	2006	3

Use Information:

Designated Use (s):	Attainment:
Coolwater Aquatic Life	Not Assessed
Livestock Watering	Not Assessed
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments: This AU was only sampled in May 2004 because that the only time the station contained water during the 2004 survey. There were no exceedences during this one sampling event. Application of the SWQB Hydrology Protocol (survey date 5/20/09) indicate this assessment unit is perennial (Hydrology Protocol score of 20.0, perennial pools upstream of Tampico Draw - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	20.6.4.451	2011	2006	2

Use Information:

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

Assessment Information:

Assessment Unit Comments: Application of the SWQB Hydrology Protocol (survey date 5/20/09) indicate this assessment unit is perennial (Hydrology Protocol score of 32.0 but 7.1% no flow days at USGS gage 09386900 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	20.6.4.451	2012	2006	2

Use Information:

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

Assessment Information:

Assessment Unit Comments:

HUC: 15020006 Upper Puerco

Puerco River (non-tribal AZ border to Gallup WWTP) Upper Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-9000.A_200	1	20.6.4.99	2011		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:

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
Primary 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
Primary 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
Primary 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.

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
Primary 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 Al chronic.

Gila River (Mogollon Ck to East and West Forks of Gila R) 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	Not Assessed
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: Marginal CWAL may not be attainable. WQS under review.

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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2014
Temperature, water	2014

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
Primary 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:

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
Primary 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	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:

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
Primary 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
Primary 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
Primary 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 Al 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
Primary 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:

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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Assessment Unit Comments:

Taylor Creek (Perennial reaches Beaver Creek to headwaters) Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_23	22.4	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
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Aluminum	2002
Temperature, water	2002
Turbidity	2014

Probable Sources of Impairment:
Natural Sources
Off-road Vehicles
Other Recreational Pollution Sources
Rangeland Grazing
Silviculture, Fire Suppression

Assessment Unit Comments: TMDL temperature and Al chronic

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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

Probable Causes of Impairment:	TMDL Schedule:
Oxygen, Dissolved	2014
Temperature, water	2014

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 (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
Primary 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 headwaters) Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2503_30	32.43	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
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: HQCW use and associated criteria may not be attainable. WQS under review.

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
Primary 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
Primary 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	2011	2008	2

Use Information:

Designated Use (s):	Attainment:
Industrial Water Supply	Not Assessed
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	69.9	20.6.4.99	2011	2010	5/5B

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:
Mercury in Fish Tissue	
Temperature, water	2017

Probable Sources of Impairment:
Atmospheric Deposition - Toxics
Source Unknown

Assessment Unit Comments:

A WQCC hearing in 2012 will consider a proposal to change the aquatic life use to coolwater. 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. 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.

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

Assessment Information:

Assessment Unit Comments:

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	2014

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	Not Assessed
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: Marginal CWAL may not be attainable. WQS under review.

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	Not Assessed
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	Not Assessed
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	2014

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	Not Assessed
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:

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:

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:

HUC: 15040004 San Francisco

Apache Creek (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. Application of the SWQB Hydrology Protocol (survey date 10/9/2008) indicate this assessment unit is intermittent (Hydrology Protocol score of 11.8 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).

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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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
Primary 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.

Leyba Lake — San Francisco

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.

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:

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
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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:

North Fork Negrito Creek (Negrito Creek to headwaters) San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Monitoring Schedule:	Cycle Last Assessed:	IR Category:
NM-2603.A_45	8.3		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
Primary Contact	Not Assessed
Wildlife Habitat	Not Assessed

Assessment Information:

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	3

Use Information:

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

Assessment Information:

Assessment Unit Comments: SWQB does not have any sampling stations on the lower AU due to limited physical access.

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	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:
Benthic-Macroinvertebrate Bioassessments (Streams)	
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	24.36	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
Primary 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
Primary 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:

South Fork Negrito Creek (Negrito 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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Not Assessed
Primary 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 (Perennial prt 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	20.6.4603	2011	2002	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	Fully Supporting
Primary Contact	Not Assessed
Wildlife Habitat	Fully Supporting

Assessment Information:

Assessment Unit Comments:

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	Not Assessed
High Quality 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:

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	Not Assessed
High Quality Coldwater Aquatic Life	Not Supporting
Irrigation	Fully Supporting
Livestock Watering	Fully Supporting
Primary 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	Not Assessed
High Quality Coldwater Aquatic Life	Not 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	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	Not Assessed
High Quality Coldwater Aquatic Life	Not 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	2002

Probable Sources of Impairment:
Natural Sources
Other Recreational Pollution Sources
Silviculture, Fire Suppression

Assessment Unit Comments: TMDL for aluminum. Application of the SWQB Hydrology Protocol (10/8/2008 survey date) indicate this assessment unit is perennial (Hydrology Protocol score of 26.0 - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol).