
FINAL DRAFT

2020-2022

State of New Mexico

Clean Water Act

§303(d)/§305(b)

Integrated Report

October 28, 2020

Prepared by:

New Mexico Environment Department

Surface Water Quality Bureau

1190 St. Francis Drive

Santa Fe, New Mexico 87505

<https://www.env.nm.gov/surface-water-quality/>



Prepared by

New Mexico Environment Department,
Surface Water Quality Bureau,
Monitoring, Assessment, and Standards Section,
TMDL and Assessment Team

Final Draft released: **October 28, 2020**
Water Quality Control Commission Approval date: [date]
Effective Date: [date]
Revision Dates: [date]

For additional information please visit:

<https://www.env.nm.gov/surface-water-quality/>

~ or ~

1190 St. Francis Drive
Santa Fe, NM 87505

COVER PHOTO: Rio Grande above Cochiti Reservoir, May 2019, NMED/SWQB

Table of Contents

Abbreviations and Acronyms.....	3
Executive Summary.....	5
I. Water Quality Identification and Control in New Mexico	10
A. Pollution Identification and Reporting.....	10
B. New Mexico’s Surface Water Synopsis.....	13
C. Conversion of Assessed Waters GIS to NHD Plus High Resolution	16
D. Other Considerations for NHD Plus High Resolution	18
E. New Mexico’s Surface Water Quality Framework.....	19
II. Identification of Surface Water Quality Issues	21
A. Develop Water Quality Standards	21
B. Monitor Water Quality	21
1. Monitoring design.....	22
2. Quality assurance.....	25
3. Data management and survey reporting.....	25
C. Determine and Report Attainment Status.....	26
1. River and Stream Assessment Results	30
2. Lake and Reservoir Assessment Results	32
III. Surface Water Quality Planning.....	34
A. Prioritize Impairments and Concerns	34
B. Develop Total Maximum Daily Loads.....	34
C. Develop Watershed-Based Plans	37
IV. Water Quality Protection and Restoration	39
A. NPS CWA §319 Watershed Restoration Grants.....	39
B. New Mexico’s River Stewardship Program.....	40
C. Point Source Regulation and Other State Certifications.....	42
D. Other NMED Water Pollution Control Programs.....	44
1. Drinking Water Bureau	44
2. Ground Water Quality Bureau	46
V. Measure Progress/ Update Surface Water Quality Goals	49
A. Effectiveness Monitoring Program	49
B. New Mexico’s Wetlands Program.....	50

C.	Special State Surface Water Concerns and Recommendations.....	55
1.	Wildfires	55
2.	Nutrient Reduction Strategy	55
3.	Adequate Funding of Water Quality Programs.....	56
VI.	Financial Resource Analysis	57
A.	Resources Applied to Surface Water Quality Management	57
B.	Capital Investments in Municipal Facilities.....	58
C.	Inadequate Funding of Water Quality Management.....	59
VII.	Public Participation and Agency Coordination	63
A.	CWA §303(d)/ §305(b) Integrated Report Public Participation	63
B.	Coordination with state and federal government agencies	63
C.	Fish Consumption Advisory Program.....	65
D.	Additional SWQB Outreach Efforts	66
VIII.	References	68
	Appendices.....	71

Abbreviations and Acronyms

ACWA	Association of Clean Water Administrators
ATTAINS	Assessment & Total Maximum Daily Load Tracking & Implementation System
AU	Assessment Unit
BLM	Bureau of Land Management
BMPs	Best Management Practices
CALM	Comprehensive Assessment and Listing Methodology
CFR	Code of Federal Regulations
CPB	Construction Programs Bureau (NMED)
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DDT	dichlorodiphenyltrichloroethane
DO	Dissolved Oxygen
DWB	Drinking Water Bureau (NMED)
DWSRLF	Drinking Water State Revolving Loan Fund
<i>E. coli</i>	<i>Escherichia coli</i>
EMNRD	Energy, Minerals, and Natural Resources Department (New Mexico)
EPA	United States Environmental Protection Agency
FY	Fiscal Year
GIS	Geographic Information System
GWQB	Ground Water Quality Bureau
HUC	Hydrologic Unit Code
IR	Integrated Report
MS4	Municipal Separate Storm Sewer Systems
NAIP	National Agriculture Imagery Program
NARS	National Aquatic Resources Surveys
NHD	National Hydrography Dataset
NMAC	New Mexico Administrative Code
NMDGF	New Mexico Department of Game and Fish
NMDOH	New Mexico Department of Health
NMED	New Mexico Environment Department
NMFA	New Mexico Finance Authority
NMISC	New Mexico Interstate Stream Commission
NMOSE	New Mexico Office of the State Engineer
NMRAM	New Mexico Rapid Assessment Method
NMSA	New Mexico Statutes Annotated
NMWQCC	New Mexico Water Quality Control Commission
N-STEPS	Nutrient Scientific Technical Exchange Partnership and Support
NPDES	National Pollutant Discharge Elimination System
NPS	Nonpoint Source
NRCS	Natural Resources Conservation Service
PCBs	Polychlorinated Biphenyls
PSRS	Point Source Regulation Section

QA/QC	Quality Assurance/ Quality Control
RSP	River Stewardship Program
SDWA	Safe Drinking Water Act
SLD	State Laboratory Division
SOPs	Standards Operating Procedures
SQUID	Surface Water Quality Information Database
SWCD	Soil and Water Conservation District
SWQB	Surface Water Quality Bureau
TMDL	Total Maximum Daily Load
UOCP	Utility Operator Certification Program
USACE	United States Army Corp of Engineers
USBLM	United States Bureau of Land Management
USBOR	United States Bureau of Reclamation
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
WBP	Watershed-Based Plan
WPP	Wetlands Program Plan
WPS	Watershed Protection Section
WQA	Water Quality Act (New Mexico)
WQMP/CP	Water Quality Management Plan / Continuing Planning Process
WQS	Water Quality Standards
WQX	Water Quality Exchange
WWTP	Wastewater Treatment Plant

Executive Summary

Purpose of the 2020-2022 CWA §303(d)/ §305(b) Integrated Report

The protection of water quality in New Mexico is vitally important to the health and well-being of all New Mexicans and the aquatic life and wildlife that inhabit its waters. New Mexico uses a variety of mechanisms, including state, federal, and local programs, to protect and restore the quality of its surface and ground waters. The basic underpinnings of surface water protection as provided in the federal Clean Water Act (CWA) and the New Mexico Water Quality Act (WQA) are found in the State of New Mexico Standards for Interstate and Intrastate Surface Waters [20.6.4 NMAC]. Water quality standards are comprised of designated uses for surface waters of the state, associated water quality criteria necessary to protect these uses, and an antidegradation policy. Designated uses in New Mexico include aquatic life, fish culture, primary and secondary contact (including cultural, religious or ceremonial purposes), public water supply, industrial water supply, domestic water supply, irrigation, livestock watering, and wildlife habitat. To protect these uses and fulfill the requirements set forth in the law, coordinated programs have been developed to monitor, assess, protect, and restore surface water quality throughout New Mexico.

The process of addressing impairments begins with the identification and reporting of impaired waterbodies (i.e., waterbodies not attaining their designated uses). This report, the State of New Mexico CWA §303(d)/ §305(b) Integrated Report (IR), is designed to fulfill this need as well as to satisfy the statutory requirements of §303(d), §305(b), and §314 of the CWA. The IR includes information on surface water quality and water pollution control programs in New Mexico and describes the relative condition of water quality in New Mexico to the United States Environmental Protection Agency (EPA), United States Congress, and stakeholders. The IR is prepared by the New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) with input from several other NMED bureaus and programs and is approved by the New Mexico Water Quality Control Commission (NMWQCC). Once approved, the IR becomes a component of a state's Water Quality Management Plan and Continuing Planning Process (WQMP/CPP, NMWQCC 2020).

Specific Focus of the 2020-2022 CWA §303(d)/ §305(b) Integrated Report

The Upper Rio Grande and San Juan River watersheds were surveyed by the SWQB in 2017-2018 and hence are the primary focus of revised or retained assessment conclusions this listing cycle. Additional focus areas based on submitted or acquired datasets include Sandia Canyon on the Pajarito Plateau, Upper Pecos River watershed streams sampled by citizen monitoring groups, the middle Rio Grande from Isleta Pueblo to Angostura, and the Rio Grande near the Buckman Direct Diversion near Santa Fe. The assessment conclusions based on data from previous rotational surveys and previously submitted outside data in non-focus areas are typically carried over to the next list until more current data are available to assess, unless, for example, a water quality standard change necessitates a re-assessment. For this assessment cycle, the top causes of impairment remained the same: temperature, nutrient/eutrophication, and *E. coli* are the three most common causes of river and stream water quality impairment in New Mexico and mercury in fish tissue, PCBs in fish tissue, and temperature are the three most common causes of water quality impairment in lakes and reservoirs.

During development of the IR, impaired waterbodies are further evaluated to determine if changes to the standard may be appropriate, whether more data collection is necessary to confirm the impairment, or whether a total maximum daily load (TMDL) or alternative water quality improvement plan should be

scheduled for development. TMDLs and other planning documents provide information on the probable source(s) of the water quality impairment which is used to determine the best approach to improve water quality. Field observations, available geographic information system (GIS) layers and land use imagery, and both stakeholder and staff watershed knowledge are combined to develop draft Probable Source lists which are finalized in TMDL documents and summarized in the IR. The vast majority of surface water quality impairments identified in New Mexico are due to nonpoint sources of water pollution. Agricultural practices (including rangeland grazing), increased runoff from roads and other impervious surfaces, and onsite treatment systems are the leading probable sources of impairment in New Mexico's rivers and streams where TMDLs or alternative planning documents have been prepared.

The EPA recommends and the SWQB has prepared the 2020-2022 IR consistent with previous guidance memorandums, including EPA's significant 2006 IR Guidance supplemented by subsequent memorandums typically released for each listing cycle (EPA 2005, 2017a). The 2018 IR cycle started a new approach to reporting that is intended to reduce reporting burden to states, tribes, and territories. Starting with EPA's process improvement event in 2015 (which the SWQB was invited to participate in as one of a handful of states), EPA has worked with states, tribes, and territories to streamline the IR reporting process through updating the system for recording IR data, namely the Assessment and Total Maximum Daily Load Tracking and Implementation System (ATTAINS). The new ATTAINS provided an opportunity for New Mexico to streamline the narrative portion of the IR. Accordingly, the main body of the IR has been significantly re-organized and shortened, as compared with pre-2018 IRs, to better describe New Mexico's current water quality framework and focus on required IR elements that are not reported electronically via ATTAINS. The re-design is also intended to make the IR a more user-friendly document by providing additional hyperlinks to additional information should the user want to learn more about specific programs or restoration activities.

Significant Challenges to Water Quality Management in New Mexico

There are many challenges in meeting the objectives of the CWA and the WQA. This section highlights some of the more significant surface water quality issues in New Mexico.

Climate Change

The impact of climate change on the state's water resources should be acknowledged because the science shows that these changes will lead to further problems and uncertainties. Droughts are predicted to increase in both frequency and severity in many regions of the world, including the southwestern U.S., due to climate change. In general, droughts and the immediate recovery period have substantial water quality effects on the waterbody and its watershed. For example, decreases in stream flow typically increase pollutant concentrations due to evaporation and less dilution. Other water quality impacts associated with climate change and drought include higher water temperatures, enhanced algal production, toxic algal blooms, and lower dissolved oxygen levels, all of which are stressors to aquatic life. As temperature and precipitation patterns undergo extreme cycles, more frequent and more powerful storms will increase pollutant runoff from the watershed, physically modify and erode riparian habitat, and disrupt biological communities that depend on these habitats. In addition, shifting temperature and precipitation patterns affect vegetation composition and density and increase the propensity for wildfire in non-fire adapted ecosystems.

As waters become stressed by climate change, drought, wildfires, overuse, and groundwater mining, many perennial and intermittent streams and springs will fade. Currently, many perennial "rivers" and "tributaries" in New Mexico contain non-perennial sections. As a result of climate change,

these “perennial” waters will likely diminish and the need for clean water will strain these systems even further.

To address some of these concerns, in 2019 Governor Lujan Grisham signed executive order 2019-003 on Addressing Climate Change and Energy Waste Prevention. Executive order 2019-003 directs all State agencies to evaluate the impacts of climate change on their programs and operations and integrate climate change mitigation and adaptation practices into their programs and operations. The IR ties in directly with various initiatives for resource management in the State of New Mexico, including executive order 2019-003. Water quality challenges identified in this report are important to address as improved watershed health is our most effective tool in increasing waterbody and watershed resilience to climate change.

Stormwater Management

Controlling stormwater runoff and its impact is a serious issue facing communities across New Mexico. Urban and highway stormwater runoff is rainfall or snowmelt that runs off the ground or impervious surfaces such as buildings, roads, and parking lots, and drains into natural or man-made drainage systems. In most cases, it drains directly into streams, river, lakes, or wetlands without receiving any treatment to remove pollutants. Because of this, stormwater is a leading cause of water pollution.

Changes in land use have a major effect on both the quantity and quality of stormwater runoff. Urbanization, if not properly planned and managed, can dramatically alter the natural hydrology of an area because it increases impervious cover, decreases the amount of rainwater that can naturally infiltrate into the soil, and consequently increases the volume and rate of stormwater runoff. Stormwater runoff also typically contains elevated concentrations of a variety of constituents that exceed water quality standards (e.g., copper, lead, and zinc; polyaromatic hydrocarbons (PAHs) and pesticides; oil and grease; nutrients (nitrogen and phosphorus); sediment; and E. coli bacteria). Untreated stormwater entering our waterways can kill aquatic life and result in the contamination of fish tissue and drinking water supplies; prohibit or limit swimming, fishing or boating; present dangers to public health and safety; and increase the frequency and magnitude of flooding.

Polluted stormwater runoff also is commonly transported through municipal separate storm sewer systems (MS4s) in urbanized areas to local waterbodies. To prevent harmful pollutants from being washed or dumped into MS4s, certain operators are required to obtain National Pollutant Discharge Elimination System (NPDES) permits and develop stormwater management programs (SWMPs). The SWMP describes the stormwater control practices that will be implemented consistent with permit requirements to minimize the discharge of pollutants from the urbanized area. Furthermore, effective water quality protection requires the “treatment” of stormwater through the use of various preventive and control measures (e.g., best management practices, low impact development, structural controls) to reduce the impact of impervious surfaces and minimize increases in stormwater runoff.

The EPA’s “Procedures for Implementing NPDES Permits in New Mexico – NMIP”¹ establishes procedures to effectively incorporate state water quality standards and TMDLs into NPDES permits.

¹ <https://www.epa.gov/tx/procedures-implementing-national-pollutant-discharge-elimination-system-permits-new-mexico-nmip>

EPA Region 6 is the NPDES permitting authority in New Mexico. As such, EPA Region 6 uses the NMIP to explain NPDES permitting decisions in New Mexico. The EPA developed the NMIP in coordination with the NMED SWQB. Specific measures to ensure permitting effectiveness and appropriate implementation of New Mexico's water quality standards and TMDLs are contained in the NMIP.

Navigable Waters Protection Rule and "Waters of the U.S."

In 2019, the EPA and the U.S. Army Corps of Engineers proposed the Navigable Waters Protection Rule² to define "waters of the U.S." and delineate which waters are protected under the federal CWA. The rule was finalized in April 2020 and went into effect on June 22, 2020. The new rule interprets the term "waters of the U.S." to encompass the following four categories of waters:

1. Territorial seas and traditional navigable waters;
2. Perennial and intermittent tributaries to territorial seas and navigable waters;
3. Certain lakes, ponds and impoundments of jurisdictional waters; and
4. Wetlands adjacent to other jurisdictional waters.

The new rule identifies twelve categories that are not "waters of the U.S." and therefore, not federally regulated or protected under the CWA, including ephemeral features that flow only in response to rainfall, groundwater, wetlands not adjacent to a jurisdictional water, many farm and roadside ditches, certain artificial lakes and ponds, and waste treatment systems.

Under the new rule, at least 89 percent of the state's rivers and streams and approximately 40 percent of the state's wetlands lose federal regulation and protection from pollution. New Mexico is one of three states in the U.S., and the only state in the arid southwest, that does not have authority (aka "delegation") from the EPA to administer and implement the NPDES program under Section 402 of the CWA. The NPDES program regulates facilities that discharge pollutants into "waters of the U.S." and includes permit issuance, compliance, and enforcement activities.

This federal rollback of environmental protections for streams and wetlands will put more burden on the State's water quality management agencies, especially the NMED, to ensure continued protection of surface waters of the state and adequate resources to maintain and improve water quality. Without a state permitting program to authorize discharges to surface waters of the state, including waters of the U.S., the NMED is unable to fill the regulatory gap created by the Navigable Waters Protection Rule.

Currently, the NMED is actively investigating available options. This includes conducting a NPDES gap analysis that (1) evaluates statutory, regulatory, and programmatic gaps associated with potential pursuit of NPDES program authorization for the State of New Mexico, and (2) identifies actions necessary to eliminate the gap and assume authority over the program.

² <https://www.epa.gov/nwpr>

Watershed Management and Water Quality

Interagency collaboration has always played a significant role in managing watersheds on public lands within New Mexico. There are many federal and state agencies with varying missions and priorities for utilizing and protecting New Mexico's natural resources. In part, these activities include habitat restoration, water quality management, water rights management, mining, grazing, silviculture, conservation management, wildlife management, outdoor recreation, hunting, and fishing. This IR, as well as the WQMP/PPP, identifies some of those entities the State engages with to ensure continued water quality protection for the State of New Mexico.

I. Water Quality Identification and Control in New Mexico

A. Pollution Identification and Reporting

The New Mexico Legislature adopted the Water Quality Act (WQA) in 1967 to protect water quality in New Mexico. Since then, the Legislature has revised the WQA [NMSA 1978, §§ 74-6-1 to -17] numerous times to improve the management and protection of New Mexico’s water resources. The WQA created the New Mexico Water Quality Control Commission (NMWQCC), and several of the revisions expanded the duties and powers of the NMWQCC. The NMWQCC is the State water pollution control agency for all purposes of the federal Clean Water Act (CWA), and may take all necessary actions under the WQA to secure the benefits of the WQA. [NMSA 1978, § 74-6-3(E)]. These duties include adoption of water quality standards and the adoption of regulations to prevent or abate water pollution in the State or in any specific geographic area or watershed of the State or for any class of waters. The WQA defines water as “all water, including water situated wholly or partly within or bordering upon the State, whether surface or subsurface, public or private, except private waters that do not combine with other surface or subsurface water.” [NMSA 1978, § 74-6-2(H)]. The NMWQCC assigns responsibilities for water quality management activities to constituent agencies, primarily the New Mexico Environment Department (NMED). [NMSA 1978, § 74-6-4(F)].



San Juan River near Lions Park

The *State of New Mexico CWA §303(d)/ §305(b) Integrated Report* (Integrated Report or IR) is designed to satisfy the statutory requirements of §303(d), §305(b), and §314 of the CWA. The IR includes information on water quality and water pollution control programs in New Mexico to the United States Environmental Protection Agency (EPA) and the United States Congress, as well as to the general public. The NMED SWQB prepares the IR with input from several other NMED bureaus and programs and presents the final draft IR to the NMWQCC for

approval. The primary focus of the IR is surface water quality, although groundwater is also briefly discussed according to reporting requirements.

The EPA recommends and the SWQB has prepared the 2020-2022 IR consistent with previous guidance memorandums, including EPA’s significant 2006 IR Guidance supplemented by subsequent memorandums typically released for each listing cycle (EPA 2005, 2017a). EPA did not provide an IR guidance document for the 2020 listing cycle. The most important component of the IR for surface water pollution identification is the CWA §303(d)/ §305(b) Integrated List, provided as Appendix A. This list details the extent to which surface water quality goals (i.e., designated uses) documented in New Mexico’s water quality standards (20.6.4 NMAC) are being met. Designated uses are the desirable, attainable, and existing uses of a surface water segment as specified in 20.6.4.97 through 20.6.4.899 NMAC. These surface water segments are further broken down into one or more “assessment units” (e.g., stream reaches or waterbodies) for IR categorization and reporting purposes. In accordance with current EPA integrated listing guidance, New

Mexico determines and assigns Fully Supporting, Not Supporting, and Not Assessed to each individual designated use to determine an IR category for every reported assessment unit (AU) on the Integrated List. New Mexico’s IR categories are defined in Table 1. A designated use assignment of “Not Assessed” means that a determination of Fully Supporting or Not Supporting could not be made based on available data and information. An AU is considered “impaired” when one or more pollutants prevent a waterbody from meeting its designated use(s). These pollutants are identified as “cause(s)” on the Integrated List.

Waterbodies classified as IR Category 5 (e.g., 5A, 5B, 5C, 5-ALT) officially constitute the *CWA §303(d) List of Impaired Waters*, however New Mexico and the EPA recognize waterbodies assigned IR Category 4 are also still impaired (Figure 1). In this case, a Total Maximum Daily Load (TMDL) planning document is either already in place (IR Category 4A), not required because the impairment is not caused by a “pollutant” (IR Category 4C), or other pollution control requirements are in place and expected to result in attainment of the water quality standard within a reasonable amount of time (IR Category 4B).

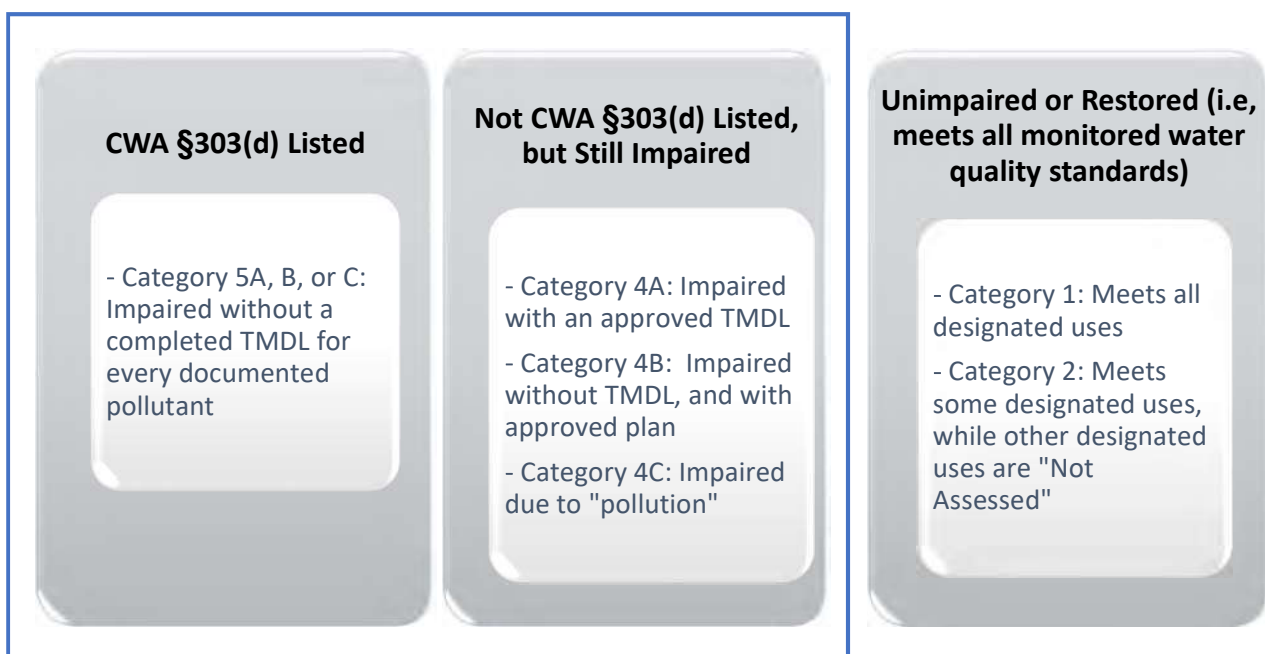


Figure 1. Relationship between CWA §303(d), Impairments, and IR Categories

For additional information on the Clean Water Act §303(d) Listing of Impaired Waters, visit:

<https://www.epa.gov/tmdl/program-overview-303d-listing-impaired-waters>.

To view this and any of New Mexico’s previous CWA §303(d)/§305(b) Integrated Reports, visit:

<https://www.env.nm.gov/surface-water-quality/303d-305b/>.

Table 1. New Mexico's Integrated Report Categories

Category	Description
1	All designated uses are supported.
2	Available data and/or information indicate that some designated or existing uses are supported based on numeric and narrative parameters that were tested.
3A	There are insufficient available data and/or information to make a support determination (no data available).
3B	There are insufficient available data and/or information to make a support determination (only 1-3 grab data points available). No data points exceed an applicable water quality criterion.
3C	There are insufficient available data and/or information to make a support determination (only 1-3 grab data points available). Data point(s) exceed an applicable water quality criterion.
4A	Available data and/or information indicate that at least one designated or existing use is not being supported, but a TMDL is not needed because TMDLs have been already been established.
4B	Available data and/or information indicate that at least one designated or existing use is not being supported, but a TMDL is not needed because other pollution control requirements are reasonably expected to result in attainment of the water quality standard in the near future.
4C	Available data and/or information indicate that at least one designated or existing use is not being supported, but a TMDL is not needed because impairment is not caused by a pollutant.
5A	Available data and/or information indicate that at least one designated or existing use is not being supported and necessary TMDLs are underway or scheduled.
5B	Available data and/or information indicate that at least one designated or existing use is not being supported. A review of the water quality standard is required to verify the appropriate designated or existing use and/or criterion.
5C	Available data and/or information indicate that at least one designated or existing use is not being supported but additional data are necessary to verify the listing before TMDLs are scheduled.
5-ALT	Available data and/or information indicate that at least one designated or existing use is not being supported and an alternative restoration approach is in progress or under development.

B. New Mexico’s Surface Water Synopsis

New Mexico is characterized by high mountains, expansive plains and plateaus, river gorges, and broad valleys. Land surface elevations in New Mexico vary from just under 3,000 feet above sea level at the Texas border in the southeastern portion of the state to just over 13,000 feet in the northern mountains. New Mexico is the fifth largest of the fifty states, with a total area of 121,607 square miles. Of this, approximately 34% is federal land, 12% is State land, 10% is Native American land, and 44% is privately owned (USBLM 2016). New Mexico is one of the driest states, averaging less than twenty inches annual precipitation which ranges from less than eight inches in desert valleys to over thirty inches in the mountains. Statewide, the annual average precipitation is much less than evaporation from open water surfaces (USBOR 1976). About half of annual precipitation is received during the summer period with brief but intense summer storms, commonly referred to as the “monsoon season.” Much of the winter precipitation falls as snow in the high mountains and as snow or rain at lower elevations. Like much of the western U.S., New Mexico continues to experience long-term drought.

Surface water basins include upper portions of several of the region’s principal drainage systems: the San Juan River, Little Colorado River and Gila River watersheds contribute to the Lower Colorado River Basin; the Canadian River and Dry Cimarron River watersheds contribute to the Arkansas-White-Red River Basin; and the Rio Grande and Pecos River watersheds contribute to the Rio Grande basin (Figure 2). Other waters of the State in New Mexico include streams that are in topographically closed basins and drain internally (20.6.4 NMAC).

The New Mexico Office of the State Engineer (NMOSE) is charged with administering the state’s water resources with respect to quantity. The State Engineer has authority over the supervision, measurement, appropriation, and distribution of all surface and groundwater in New Mexico, including streams and rivers that cross state boundaries. [NMSA 1978, § 72-2-9]. The related New Mexico Interstate Stream Commission (NMISC) has broad powers to investigate, protect, conserve, and develop New Mexico’s waters including both interstate and intrastate stream systems. The NMISC’s authority under state law includes negotiating with other states to settle interstate stream controversies. [NMSA 1978, § 72-14-3]. New Mexico is a party to eight interstate stream basins. To ensure basin compliance, NMISC staff analyze, review, and implement projects in New Mexico and analyze streamflow, reservoir, and other data on the stream systems. The NMISC is also authorized by statute to investigate and develop the water supplies of the state and institute legal proceedings in the name of the state for planning, conservation, protection and development of public waters. [NMSA 1978, § 72-14-3]. New Mexico has sixteen water planning regions, each with its own water plan. New Mexico’s State Water Plan was revised in 2018 (NMOSE/NMISC 2018). The regional and state water plans are vital tools intended to guide water management in the state to best meet all the state’s water users – now and into the future.

For additional information on New Mexico’s Office of the State Engineer or Interstate Stream Commission, visit: <http://www.ose.state.nm.us/>

New Mexico Surface Water Basins

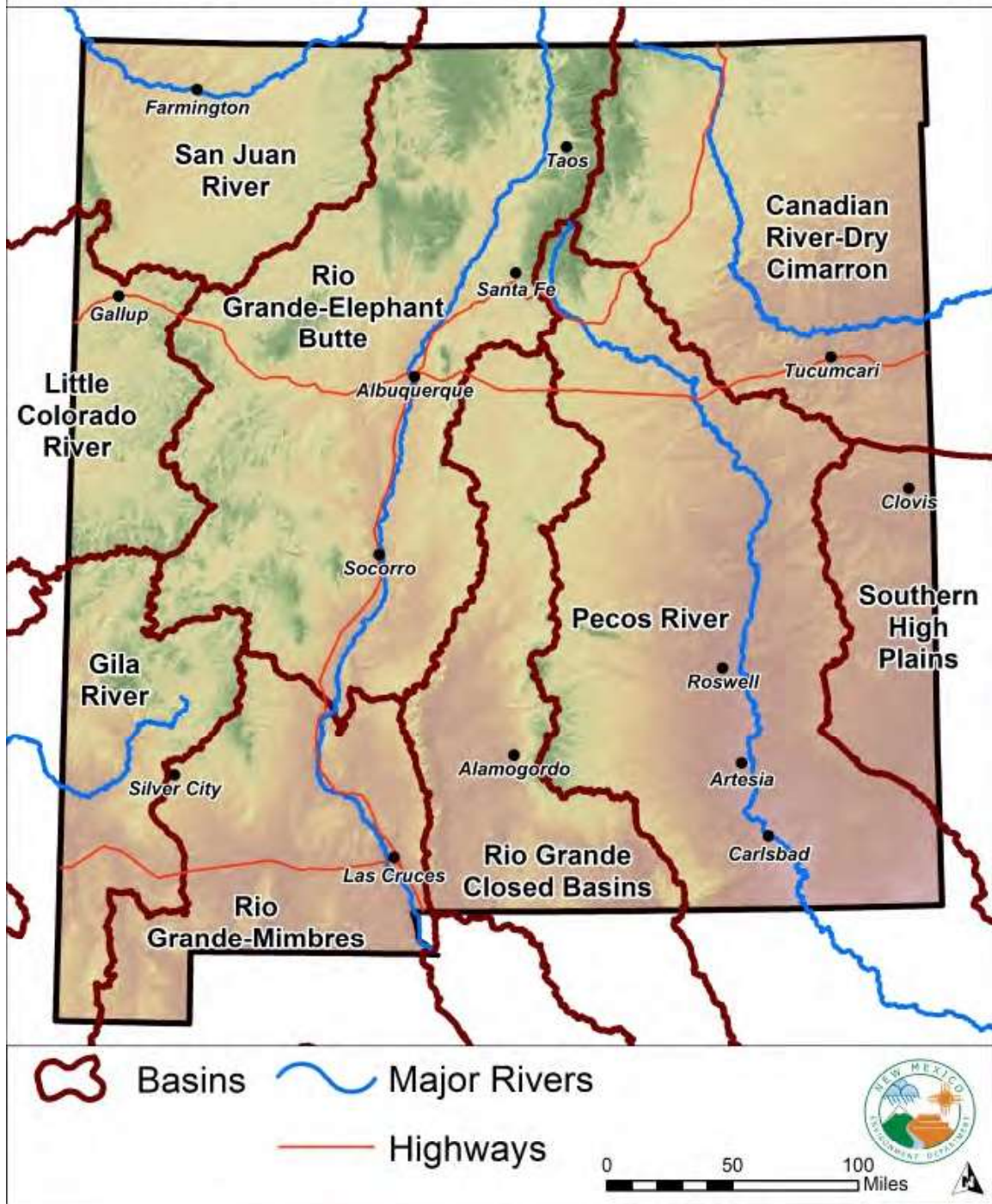


Figure 2. New Mexico Surface Water Basins

Table 2 provides a summary of New Mexico’s water resources. Some of the statistics in this table have changed significantly since the 2018-2020 IR because NMED’s Assessed Waters geospatial data have been completely updated for the 2020-2022 IR cycle. Previous versions of the Assessed Waters geographic information system (GIS) layers used to depict AUs in SWQB Mapper³ were based on the National Hydrography Dataset (NHD) Medium Resolution surface drainage network and waterbodies, but the 2020-2022 IR Assessed Waters GIS information is now based on NHD Plus High Resolution data.

Table 2. Summary of New Mexico's Surface Water Resources

Topic	Value
State population ¹	2,096,829
State Surface Area	121,607 mi ²
Total miles of perennial non-tribal rivers / streams ²	6,677 miles
Total miles of non-perennial non-tribal river / streams ^{2,3}	190,225 miles
Number of significant public lakes/reservoirs ⁴	170
Acres of significant public lakes/reservoirs ^{2,4}	85,455 acres
Acres of freshwater wetlands ⁵	845,213 acres

¹ United States Census Bureau July 1, 2019, estimate.

² Derived by NMED IT staff based on flowlines lengths and waterbody areas in the USGS National Hydrography Dataset (NHD) Plus High Resolution V2 (USGS 2018). Includes both public and private non-tribal stream miles under established Assessment Units in NM’s Integrated List (Appendix A) with a Water Type of “STREAM, PERENNIAL” or “RIVER.”

³ Flowline segments assigned FCode 46003 (intermittent) and 46007 (ephemeral) in NHD were tallied to determine total non-perennial mileage. Assessment Units in NM’s Integrated List (Appendix A) include a small subset (~1,970 miles) of the overall non-perennial stream mileage, typically waters with permits or other significant land use concerns.

⁴ Includes significant publicly-owned natural lakes, playa lakes, and reservoirs under established Assessment Units in NM’s Integrated List (Appendix A) in NHD Plus V2 (2018).

⁵ USFWS National Wetlands Inventory (<http://www.fws.gov/wetlands/Data/State-Downloads.html>), plus riparian wetland acres.

³ <https://gis.web.env.nm.gov/oem/?map=swqb>

C. Conversion of Assessed Waters GIS to NHD Plus High Resolution

The NHD Medium Resolution was a groundbreaking hydrologic dataset when it was first released, but recent advances in remote sensing, elevation data resolution, computational power and watershed mapping have allowed surface drainage networks and waterbodies to be represented with unprecedented fidelity. While the NHD Plus High Resolution dataset is technically still in “beta”, researchers and water management agencies have been using it, where available, since rollout began in 2017. Rigorous on-the-ground comparisons to the NHD Medium Resolution dataset have consistently affirmed that the NHD Plus High Resolution dataset offers major improvements to the spatial accuracy of surface drainage networks and waterbodies. The NMED completed the conversion of the Assessed Waters GIS from NHD Medium Resolution to NHD Plus High Resolution earlier this year.

The most significant change to the Assessed Waters GIS from the update is that stream AUs now capture much more of the actual stream channel sinuosity, resulting in longer AUs (Figure 3). This is especially true for lower-gradient streams in flatter regions of the state. Additionally, many AUs that extend to stream headwaters now reach higher in watersheds, increasing the length of many higher-gradient AUs in mountainous regions of the state (Figure 4). With the increased spatial resolution of existing AUs afforded by the update from NHD Medium Resolution to NHD Plus High Resolution data, as well as the creation of wholly new stream AUs since the last IR, the Assessed Waters streams have increased in total length from 7,832 miles in the 2018-2020 IR to 8,657 miles in 2020-2022 IR. Assessed Waters lakes, however, have decreased in total area from 89,030 acres in 2018 to 85,455 acres in 2020. This reduction in Assessed Waters lake area primarily stems from the fact that NHD Medium Resolution waterbody polygons generally tended to overestimate waterbody areas, likely due to higher lake and reservoir water levels during the creation of that dataset. The waterbody polygons in the NHD Plus High Resolution dataset offer greatly improved accuracy waterbody areas when compared to recent aerial imagery (Figure 5).

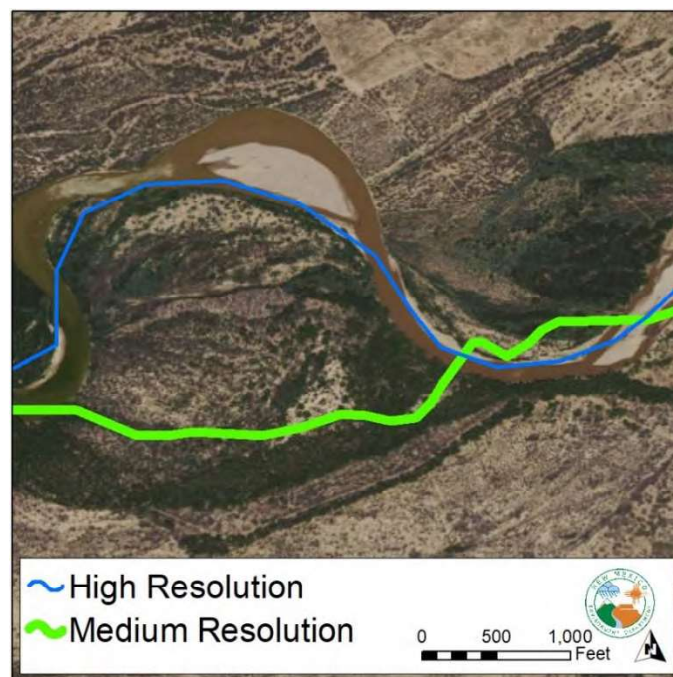


Figure 3. Example of improved channel sinuosity accuracy resulting in increased stream AU length (Rio Grande downstream of Rio Salado confluence)

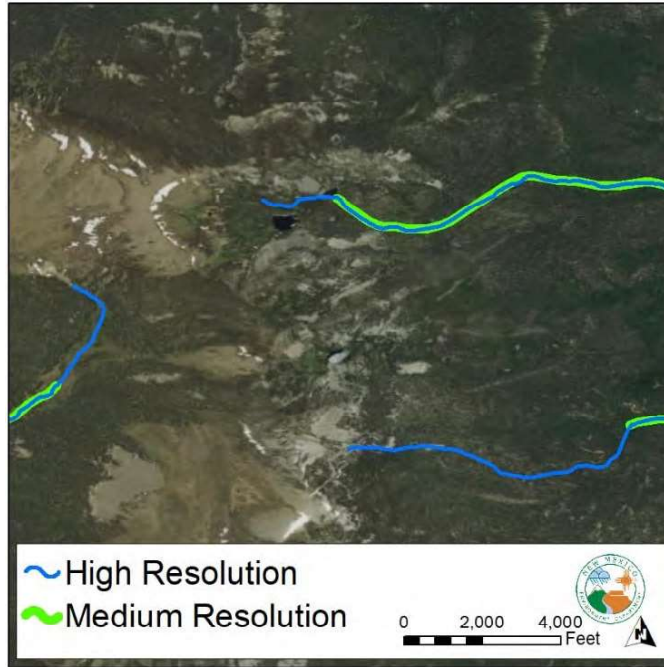


Figure 4. Example of improved headwaters accuracy resulting in increased stream AU length

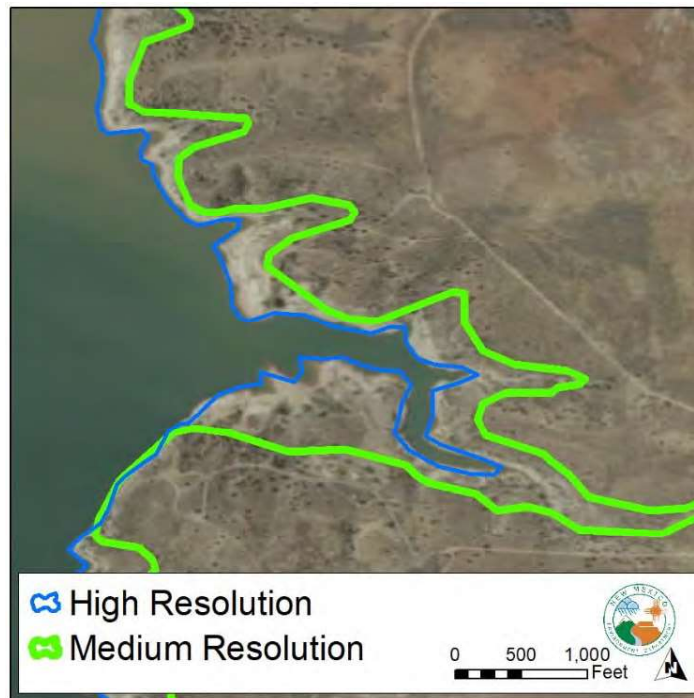


Figure 5. Example of improved waterbody polygon accuracy resulting in decreased lake AU area (Sumner Reservoir)

CWA §314 requires states to provide an assessment of “...significant publicly-owned lakes.” New Mexico generally interprets this as lakes, reservoirs, or playas that are (1) over 10 acres and with known public recreational use areas, (2) less than 10 acres with cultural or ecological significance, or (3) specifically included in 20.6.4.101-20.6.4.899 NMAC. The SWQB permanently removed twenty-six small lakes and reservoirs that do not meet this definition from New Mexico’s Integrated List this listing cycle.

D. Other Considerations for NHD Plus High Resolution

While this update from NHD Medium Resolution to NHD Plus High Resolution offers a major improvement in the spatial accuracy of NMED’s Assessed Waters GIS, several caveats exist with any GIS representation of surface hydrology. The NHD Plus High Resolution data is undoubtedly the best available representation of surface hydrology drainage networks, but it is an evolving project that will always have some degree of error and simplification. The entire NHD Plus High Resolution data set represents New Mexico’s potential surface drainage networks and waterbodies through 487,038 individual NHD stream segments totaling 242,637 miles, and 73,101 surface waterbody polygons totaling 258,259 acres. Fundamentally, surface drainage networks such as NHD Plus High resolution represent highly accurate estimates of *where* surface water may be found based on the physical principal that water always flows downhill but cannot always determine *when* or for *what duration* surface water may be found. To determine stream flow paths and waterbody pooling locations, a digital elevation model (DEM) is used to represent surface topography. In the case of NHD Plus High Resolution data a ≈10-meter (m) resolution DEM is used, meaning every 10 m X 10 m area is assigned an average elevation value. From the DEM, valleys and channels can be identified, slope is derived, and statistical equations are then applied to precipitation estimates to approximate the likelihood surface water may be present.

Given the arid climate of New Mexico, and the low frequency-high intensity monsoonal nature of precipitation across the state, two limitations of the NHD Plus High Resolution dataset for NMED’s purposes are readily apparent. The first limitation is that while the identification of surface drainage channels based on the ≈10 m resolution DEM is highly accurate, many of those channels identified may only occasionally convey surface runoff given the climatic conditions. The second limitation is that most lakes and reservoirs in New Mexico are small, shallow, and occupy basins with gentle slopes, meaning that even small reservoir drawdowns from evaporation or human use have a large effect on the surface area of the waterbody. Stream channel line features and waterbody polygon features in the NHD Plus High Resolution offer a much more accurate representation of surface hydrology than those in the NHD Medium Resolution data, but they are static and not dynamically updated with respect to seasonal or inter-annual changes. To overcome these data limitations, each and every AU was visually checked at very high resolution for accuracy using 2019 NAIP aerial imagery⁴ before being translated from NHD Medium Resolution to NHD Plus High Resolution. Visual analysis of NHD Plus High Resolution derived AUs consistently agreed with recent NAIP aerial imagery to a much higher degree than NHD Medium Resolution derived AUs, and the finished product is one that every citizen and stakeholder can be confident represents the most accurate spatial representation of New Mexico’s Assessed Waters.

⁴ <https://www.fsa.usda.gov/programs-and-services/aerial-photography/imagery-programs/naip-imagery/>

A wealth of detailed information on the creation and use of the NHD Plus High Resolution dataset can be found in the USGS user guide.⁵ Members of the public with detailed knowledge of specific waterbodies can suggest edits to the NHD Plus High Resolution dataset using the USGS NHD Markup Tool.⁶

E. New Mexico's Surface Water Quality Framework

Under the authority of the WQA and the CWA, the SWQB developed and the NMWQCC adopted the basic framework for water quality management in New Mexico as described in the *State of New Mexico Statewide Water Quality Management Plan/Continuing Planning Process (WQMP/CPP)* (NMWQCC 2020). The SWQB uses this integrated planning and management strategy to protect or attain the desired uses and levels of surface water quality within a waterbody. The iterative process implemented to identify water quality problems, develop solutions to address them, and assess the effectiveness of the implemented solutions is shown in Figure 6. Problem identification begins with establishing water quality standards and follows with collecting data to identify impaired waters. Problem solving involves the development of TMDLs and other planning documents which help guide National Pollutant Discharge Elimination System (NPDES) permit limits and CWA §319 restoration projects to help a waterbody achieve water quality standards. Progress is then measured, and water quality goals and approaches are updated accordingly. The sections below provide greater details on each component and associated programs and approaches.

⁵ <https://pubs.usgs.gov/of/2019/1096/ofr20191096.pdf>

⁶ <https://edits.nationalmap.gov/markup-app>

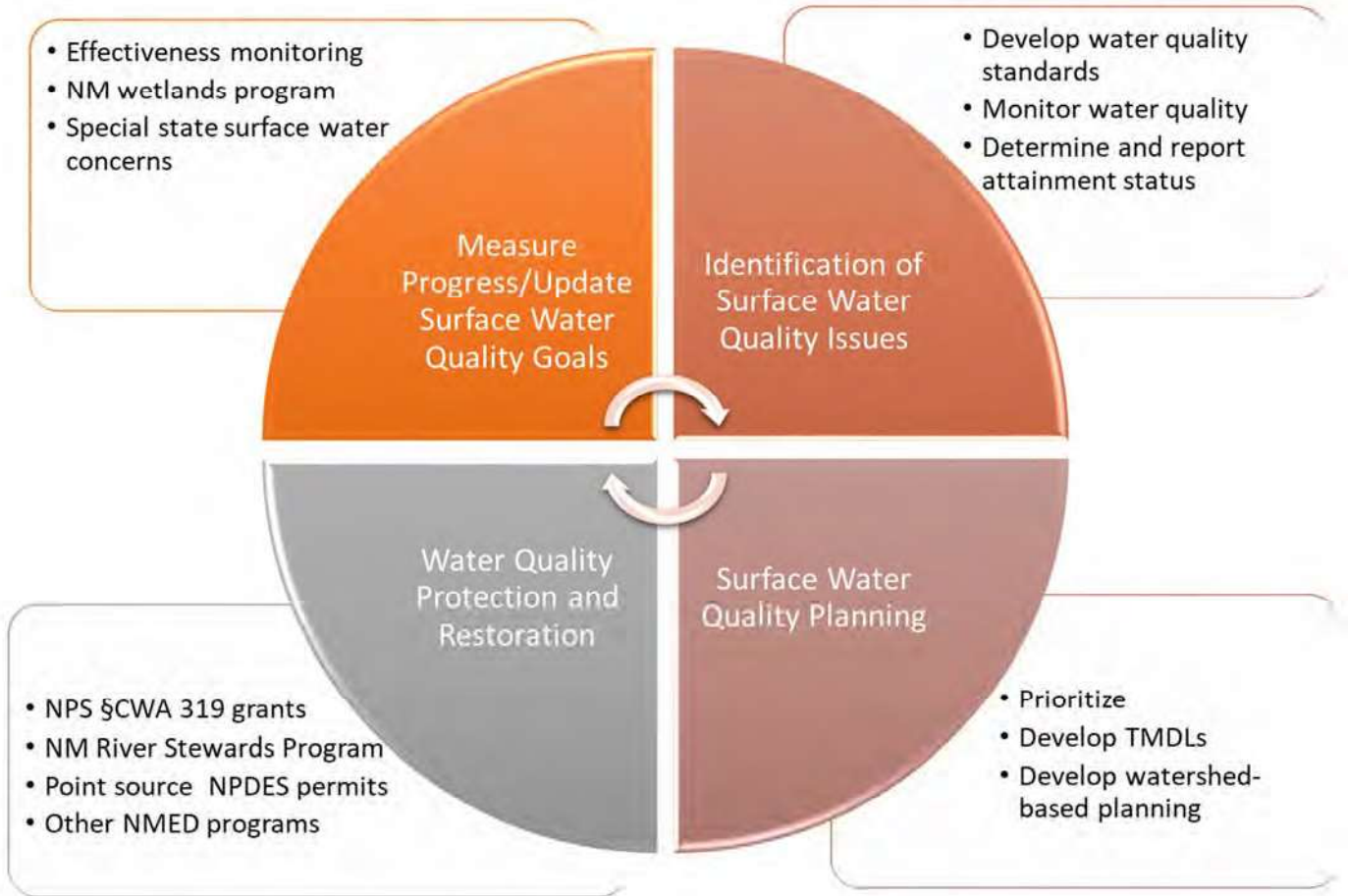


Figure 6. General Framework for Identifying and Restoring New Mexico's Surface Waters

For additional information on New Mexico's WQMP/CPP, visit:
<https://www.env.nm.gov/surface-water-quality/wqmp-cpp/>

II. Identification of Surface Water Quality Issues

A. Develop Water Quality Standards



Lake Farmington northern pike

The first step to identify surface water quality issues is to set surface water quality goals through the development and maintenance of New Mexico's surface water quality standards (20.6.4 NMAC). The SWQB's Surface Water Quality Standards (WQS) Program maintains and refines the State's surface WQS, proposing changes for approval by the NMWQCC as appropriate. The WQS define the water quality goals for a waterbody by designating uses, assigning criteria to protect those uses, and establishing provisions to apply and implement the WQS. New Mexico continually evaluates the WQS using applicable guidance documents, data, public input, and other sources of information to identify sections that may need to be changed or provisions to be added.

In accordance with CWA §303(c)(1), at least once every three years the State must hold a public hearing for the purpose of reviewing applicable water quality standards and proposing, as appropriate, necessary revisions to water quality standards. This process is known as the "triennial review" and is also governed by the WQA which provides authority for the adoption of WQS to the NMWQCC. The SWQB initiated the most recent triennial review with an informal scoping phase for public feedback in 2019 to identify state priorities and potential changes to the WQS. During public scoping, the SWQB received input from the EPA, watershed/river conservation groups, municipalities, water districts, industrial/trade groups, private organizations and citizens. In July 2020, the SWQB held three webinars as part of stakeholder outreach for the 2020 Triennial Review of Water Quality Standards. The SWQB presented an overview of the regulatory framework for the Triennial Review, an outline of the rule amendments being considered, and a summary of the Triennial Review process and timeline. The meetings also provided an opportunity for stakeholders to provide their input on amendments being considered and other areas in need of review in 20.6.4 NMAC. In August 2020, the SWQB petitioned the NMWQCC for a rulemaking hearing, and in October 2020 that petition was granted. The SWQB plans to release the draft proposed changes for public comment in November 2020. The SWQB also continues to meet and work with various groups whenever requested to address their concerns, which resulted in additional changes.

B. Monitor Water Quality

The second step to identify surface water quality issues is to collect water quality data and information through organized, quality-controlled monitoring. The purpose of the SWQB's Monitoring Program is to ensure relevant water quality data for all of New Mexico's surface waters are collected with the most robust scientific methods in a way that is transparent to water quality agencies and the public. The Monitoring Program serves all surface water quality monitoring needs to the extent possible given available resources, NMED priorities, and strategic goals. The waterbody types currently monitored by the program include streams, rivers, lakes, and reservoirs.

Clear goals and objectives are required to implement an effective monitoring program. To meet federal and state requirements and expectations, the SWQB has developed a monitoring strategy per EPA Guidance (EPA 2003b, NMED/SWQB 2016). The strategy provides a detailed description of the SWQB's monitoring objectives and designs, as well as approaches to data quality assurance and management. Key topics are briefly discussed below.

1. Monitoring design

Monitoring staff develop and implement field sampling plans to ensure all necessary chemical, biological, and physical data needed to determine attainment of New Mexico's water quality standards are collected during the survey. The SWQB strives to implement a ten-year rotational watershed monitoring approach. Monitoring occurs during the non-winter months from March through November over two years, resulting in approximately one-quarter of the State being monitored every two years. Monitoring focuses primarily on physical, chemical, and biological conditions in perennial waters; and includes sampling for most pollutants that have numeric or narrative water quality criteria in New Mexico.

In order to achieve the goals of New Mexico's surface water quality framework, the SWQB rotational surveys utilize a targeted monitoring design to address data needs identified for assessment, TMDLs, potential standards revisions, and point source monitoring. The SWQB selects monitoring sites that are intended to be representative of the AU based on the data needs for an AU and site accessibility. Each AU is typically represented by one monitoring station which receives four to eight site visits during the survey. Through public outreach, inter-agency coordination, and a scoring system which considers a variety of factors, the SWQB utilizes a two-tier monitoring system – primary and secondary – to prioritize AUs. High-ranking priority waters receive the greatest amount of monitoring, whereas low ranking waters (i.e., secondary) receive the least. The two-year monitoring strategy allows more data to be collected from the highest priority waters to better capture inter-annual variability due to hydrologic conditions during sampling events, and year-2 monitoring may be adjusted dependent on year-1 hydrologic and climatic conditions and/or analytical results. The current ten-year rotational monitoring schedule is shown in Figure 7.



Measuring flow at Rio de las Trampas

For survey years 2017-2018, the SWQB conducted a two-year survey of the San Juan River and Upper Rio Grande basins. Data and information gathered during this survey are the focus of the 2020-2022 IR attainment determinations in Appendix A.

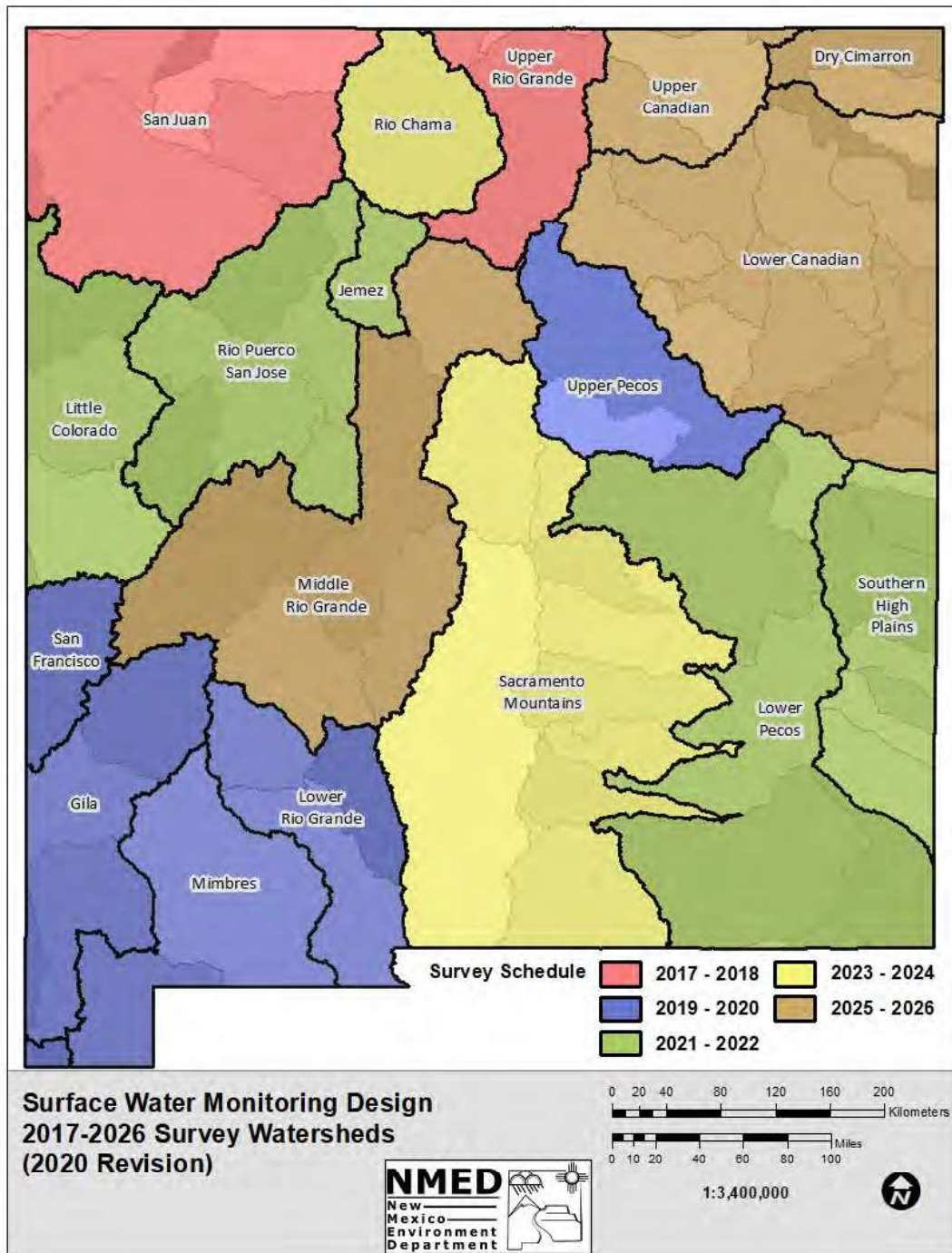


Figure 7. New Mexico's Surface Water Quality Monitoring Schedule (NMED/SWQB 2016, 2020 revision)

To review New Mexico's 10-Year Monitoring Strategy, visit:
<https://www.env.nm.gov/surface-water-quality/protocols-and-planning/>.

CWA §314 requires an assessment of “...significant publicly-owned lakes.” New Mexico has identified 170 significant publicly-owned lakes, reservoirs, and playas that cover approximately 85,451 acres on the Integrated List (Appendix A). Lake monitoring is incorporated into the rotational survey design. The SWQB determined the list of significant publicly-owned lakes, reservoirs, and playas using the following criteria:

- Lakes, reservoirs or playas over 10 acres because of their many and varied uses including public recreation areas;
- Lakes, reservoirs or playas smaller than 10 acres with cultural or ecological significance; or
- Lakes, reservoirs or playas specifically included in 20.6.4.101-20.6.4.899 NMAC.



Water quality sampling on Cabresto Lake

The EPA has encouraged states to incorporate probabilistic sampling designs into their monitoring programs to enable them to generate statistically-based conclusions regarding the overall state of water quality. Accordingly, the SWQB also incorporated a probabilistic monitoring component into the 2019-2020 watershed surveys to provide an unbiased evaluation of the condition of the state’s waters. For each year of the survey, 30 sites were randomly selected from a sampling frame of the state’s perennial, wadeable streams as defined in the SWQB’s listing methodology for sedimentation⁷. The sampling frame was developed using the NHD validated with the SWQB Assessed Streams information. The sampling frame consists of over 25,000 500-meter stream increments. The EPA National Health and Environmental Effects Research Laboratory in Corvallis, Oregon conducted the random site generation for New Mexico. Three hundred sites from the sampling frame were randomly selected for each year of the survey with the first 30 sites serving as the sample population and the remaining 270 sites as alternates. Year 1 of the survey focused on randomly selected sites located within the Upper Pecos River study area. Year 2 focused on randomly selected sites in the San Francisco River, Gila River, Mimbres River and Lower Rio Grande study areas. Sites may be excluded through office and field reconnaissance by the Monitoring Team that are of the incorrect resource (e.g., nonperennial streams or reservoirs), inaccessible (unsafe or landowner access denied), or located greater than an hour from the closest vehicular access. Excluded sites are replaced by alternate sites in successive order. A summary of watershed characteristics from 2019-2020 probabilistic monitoring will be provided in the next IR. Completion of statewide probabilistic monitoring is planned for 2026, at which point state water quality condition estimates may be calculated.

Although probabilistic-based monitoring can allow states to reach conclusions about surface water quality status as a whole, this type of monitoring cannot tell a state or tribe which specific waterbodies are impaired or where to target CWA §319 watershed restoration funds, and do not provide the targeted data necessary for TMDL development. To date, approximately 85% of all identified perennial stream miles have been assessed, and 98% of identified perennial public lake acres have been assessed, including all of New Mexico’s large mainstem reservoirs. The targeted approach has proven effective at fulfilling monitoring objectives and allowing for summary conclusions to be drawn about the status of the State’s waters. The EPA’s National Aquatic Resources Survey (NARS) 2013-2014 rivers and streams summary report and data

⁷ <https://www.env.nm.gov/surface-water-quality/calm/>

were still provisional at the time this IR was drafted (October 2020). See New Mexico’s 2014-2016 Integrated Report⁸, Section C.5, for a discussion of EPA’s 2008-2009 survey results.

2. *Quality assurance*

The SWQB is committed to maintaining a quality assurance program that ensures confidence in the environmental data produced by its various water quality programs. The SWQB implements water quality management programs in accordance with the current EPA-approved version of NMED’s Quality Management Plan⁹ (QMP), which documents the quality system for planning, implementing, documenting, and assessing the effectiveness of activities supporting water quality management programs.

All data collected by the SWQB for water quality attainment determinations are collected and analyzed following established standard operating procedures¹⁰ (SOPs). In addition, all data are handled in accordance with the most current version of the EPA-approved Quality Assurance Project Plan¹⁰ (QAPP). The QAPP describes the quality assurance procedures, quality control specifications, and other technical activities that must be implemented to ensure that the results of the project or tasks to be performed will meet project specifications. By establishing a quality system, New Mexico ensures that water quality management decisions are based on a systematic process and on data of known and acceptable quality. This also ensures that the public funds expended in these efforts are soundly invested. Further, in order for the SWQB to utilize data collected by outside agencies or stakeholder groups, a review of quality assurance procedures for submitted data is conducted to ensure that submitted data are of equal or greater quality to those collected by the SWQB under the QAPP.

To review New Mexico’s QMP, QAPP, and various SOPs, visit:
<https://www.env.nm.gov/surface-water-quality/protocols-and-planning/>

3. *Data management and survey reporting*

The SWQB’s in-house Surface Water Quality Information Database (SQUID) is an integral tool for coordinated storing, assessing, and reporting of water quality data and conclusions between the SWQB programs, to EPA, and to New Mexico’s stakeholders. This Oracle[®] database, developed and maintained by NMED’s Information Technology Bureau, allows for required electronic reporting of monitoring data to the EPA’s water quality exchange (WQX) database and WQS attainment conclusions to the EPA’s Assessment and Total Maximum Daily Load Tracking and Implementation System (ATTAINS) database¹⁰. SQUID also contains many survey planning and tracking tools and reports. SQUID has been updated to be compatible with the EPA’s ATTAINS database per EPA guidance (EPA 2017a). ATTAINS is a primary data source for How’s My Waterway¹¹, which was designed to provide the general public with information about the condition of their local waters based on data that states, federal, tribal,



⁸ <https://www.env.nm.gov/wp-content/uploads/sites/25/2019/10/2014-2016NMReport.pdf>

⁹ <https://www.env.nm.gov/surface-water-quality/protocols-and-planning/>

¹⁰ Assessment and Total Maximum Daily Load Tracking and Implementation System

¹¹ <https://www.epa.gov/waterdata/how-my-waterway>

local agencies and others have provided to the EPA.

Following the completion of each rotational watershed survey, the SWQB monitoring staff prepare water quality survey reports. These sampling summary reports are an update to the associated field sampling plan, detailing the monitoring goals that were accomplished during the survey as well as any deviations from the planned monitoring.

To access SWQB's field sampling plans and survey reports, visit:
<https://www.env.nm.gov/surface-water-quality/water-quality-monitoring/>

C. Determine and Report Attainment Status

The third step to identify surface water quality issues is to compare collated water quality data to current water quality standards using consistent, documented processes. New Mexico's listing methodology is described in the Comprehensive Assessment and Listing Methodology¹² (CALM). This document explains how the SWQB evaluates surface water quality data and other information to determine whether or not surface water quality standards are being met as documented in Appendix A. The listing methodologies described in the CALM are reviewed each odd-numbered year to ensure the methods are clearly defined and consistent with applicable water quality standards, and to incorporate relevant new EPA guidance.

To review New Mexico's listing methodologies (CALM), visit:
<https://www.env.nm.gov/surface-water-quality/calm/>

Outside sources of data are solicited and acquired via a public notice process prior to developing the draft IR and associated Integrated List (Appendix A). Simultaneously, the revised CALM is public noticed to solicit input into New Mexico's listing methodologies. In general, all readily-available data less than five years old that have been reviewed and accepted for consistency with the SWQB's data collection activities and quality assurance procedures are used to determine whether the applicable water quality standards are attained. Data older than five years old are given a lower priority in assessment than newer data, particularly if newer data indicate a change in water quality or the older data fail to meet data quality requirements. Provisional data are not used to make designated use support determinations.

Common surface water quality data sources collated to determine use impairment in New Mexico include, but are not limited to, the following:

- SWQB chemical/physical, biological, habitat, or bacteriological data collected during rotational watershed surveys;
- Chemical/physical, biological, habitat, or bacteriological data from SWQB studies or projects collected by SWQB staff or their cooperators;
- SWQB Effectiveness Monitoring data;
- USGS chemical/physical, biological, habitat, or bacteriological data;

¹² <https://www.env.nm.gov/surface-water-quality/calm/>

- Los Alamos area environmental data publicly-available for download from *Intellus New Mexico*¹³; and
- Citizen or volunteer monitoring data.

For additional information regarding the SWQB's data submittal process, visit:

<https://www.env.nm.gov/swqb/DataSubmittals/>

The Upper Rio Grande and San Juan River watersheds were surveyed by the SWQB in 2017-2018 and hence are the focus of revised or retained assessment conclusions in Appendix A and the associated assessment rationale of this IR. Other datasets that were either submitted or acquired this cycle and assessed as reported in Appendix A and the assessment rationale include:

- 2015-2019 EPA and USGS Animas and San Juan Rivers data download from the Water Quality Portal¹⁴;
- 2019 Chevron Questa Mine Superfund Site Red River data submitted by the NMED Ground Water Quality Bureau;
- 2017-2018 Ciudad Soil and Water Conservation District Rio Grande (Isleta Pueblo to Angostura Diversion) data;
- 2015-2019 Los Alamos National Laboratory Sandia Canyon (Sigma Canyon to NPDES outfall 001) data;
- 2015-2019 Los Alamos National Laboratory and NMED DOE Oversight Bureau Rio Grande (Cochiti Reservoir to San Ildefonso boundary) data download from *Intellus New Mexico*¹⁵;
- 2017-2018 data for various stream reaches in and around Taos and Red River collected by Sentinels-Rio de Taos and submitted by Amigos Bravos;
- 2017-2018 data collected and submitted by the Upper Pecos Watershed Association in conjunction with Pathfinder Environmental, LLC.; and
- 2016-2019 data submitted by the Middle Rio Grande Technical Advisory Committee (MRG TAG).

The assessment conclusions in non-focus areas based on data from previous rotational surveys and previously submitted outside data are typically carried over to the next list until more current data are available to assess unless, for example, a water quality standard change necessitates a re-assessment.

New Mexico maintains assessment information in SQUID and uploads this information to ATAINS per EPA guidance (EPA 2017a). Use of SQUID allows SWQB to automatically generate the entire Integrated List (Appendix A), the associated assessment rationale, the official CWA §303(d) List of Impaired Waters, as well as a variety of summary reports. The SWQB maintains an extensive web site that provides access to all past and current CWA §303(d)/ §305(b) reports and supporting information.

¹³ <http://www.intellusnmdata.com/>

¹⁴ <https://www.waterqualitydata.us/>

¹⁵ <https://www.intellusnm.com/>

To access past and current CWA §303(d)/ §305(b) reports and supporting information, visit:

<https://www.env.nm.gov/swqb/303d-305b/>

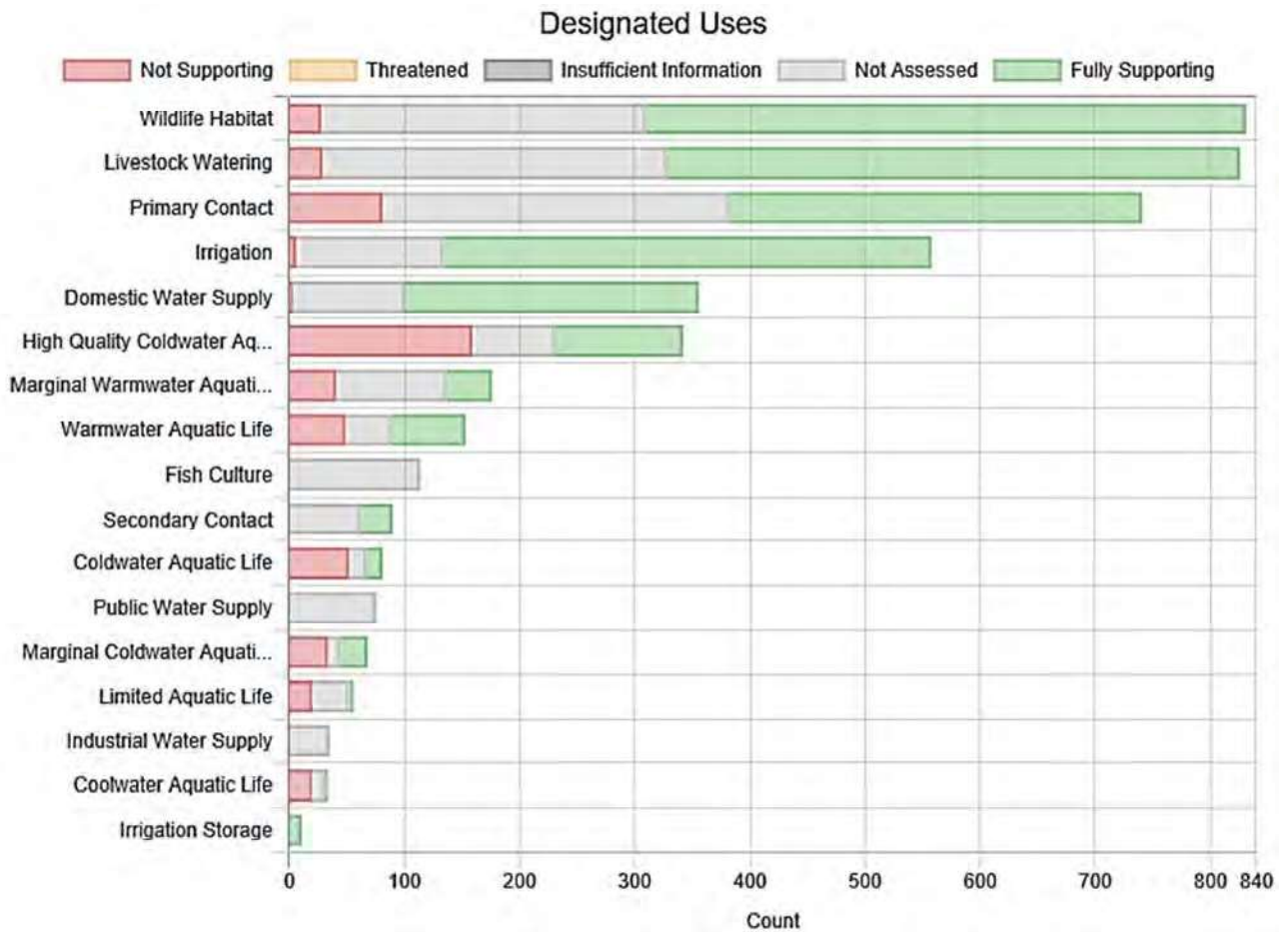
The assessment rationale document (formerly known as the “record of decision” or ROD) maintained by the SWQB is a historical record of impaired surface waters (i.e., Category 5 waters) provided to reviewers and users of the list -- including the EPA -- to help track listing and de-listing information used in the development of New Mexico’s Integrated List. The EPA does not require this specific document and does not take action to approve or disapprove its contents. The assessment rationale was originally created as a separate word processing document. All AUs do not have detailed assessment rationale entries because prior to the 2018-2020 IR, the assessment rationale generally did not contain entries on AUs that have not been assessed or have never been found to be impaired. The assessment rationale is now a database field in SQUID, making it easier to provide assessment notes by IR cycle on all AUs being assessed. Assessment rationale entries by IR cycle, starting with the 2018-2020 IR, are also uploaded to the EPA’s ATTAINS database.

All AUs are assigned IR categories as described in New Mexico’s CALM¹⁶. Assessment units noted with IR Category 5A, 5B, or 5C on the Integrated List in Appendix A comprise New Mexico’s official CWA §303(d) List of Impaired Waters. A listing of Category 5-only waters is included in the beginning of Appendix A. To see details on a specific AU, refer to the particular AU entry on the full Integrated List in Appendix A and associated assessment rationale entry. Starting with the 2018-2020 IR, each AU entry on the Integrated List now also contains a “PARAMETER IR CATEGORY.” This useful field provides additional planning information regarding each particular cause of impairment or AU-cause pair. For example, a parameter IR category of 5B lets the user know that a review of the applicable water quality standard is needed prior to scheduling TMDL development. New Mexico has several temperature listings that fall under the 5B parameter IR category.

New Mexico’s Integrated List also includes an estimated year in the “TMDL DATE” field for all parameter IR category 5A AU-cause pairs. The estimated year is generally based on the SWQB’s rotational monitoring schedule, prioritization strategy in the SWQB’s long-term vision document (NMED/SWQB 2015), and severity of the impairment. The “TMDL DATE”, as well as the projected “MONITORING SCHEDULE” year, is ultimately dependent upon personnel and financial resources which can change on an annual basis. If a TMDL has already been developed for the noted cause of impairment, the EPA TMDL approval date (MM/DD/YYYY) is reported in the TMDL date field.

A summary of the attainment status by AU count for each designated use, as found in New Mexico’s WQS (20.6.4 NMAC), is presented in Figure 8. A full summary with associated mileage and acreage is available in Appendix B. In New Mexico, the CWA goal of "fishable" is reported under the various aquatic life uses while the "swimmable" goal is reported under primary and secondary contact uses.

¹⁶ <https://www.env.nm.gov/surface-water-quality/calm/>



NOTE: All Fish Culture, Public Water Supply, and Industrial Water Supply designated uses are defaulted to “Not Assessed” because no numeric criteria apply uniquely to these uses per 20.6.4.900.A NMAC.

Figure 8. New Mexico's Designated Use Attainment Status by AU Count (generated from ATTAINS¹⁷)

The causes of impairments are summarized by major waterbody type (rivers/streams vs. lakes/reservoirs) in the section below.

¹⁷ <https://www.epa.gov/waterdata/attains>

1. River and Stream Assessment Results

New Mexico's surface waters are assigned to one of the IR categories defined in Table 1 and summarized in Table 3. Individual IR categories for every AU are provided in the Integrated List (Appendix A).

The largest grouping of assessed lotic (i.e., flowing) waters are IR Category 5. These AUs, along with the Category 5 lake/reservoir waterbodies, comprise New Mexico's official CWA §303(d) list of impaired waters.

Table 3. Integrated Report Categories for New Mexico's Rivers and Streams

IR Category	Total Size (miles)	Number of River/Stream Assessment Units
1	1,229	96
2	885	92
3A	1,991	136
3C	27	3
4A	1,326	86
4C	236	17
5A	1,445	106
5B	699	56
5C	819	69
TOTAL	8,657	661

NOTE: This information was generated from SQUID.

A list of Category 5-only waters was generated from SQUID and is included in the beginning of Appendix A.

IR Category 4A represents stream reaches where TMDL planning documents have been developed for all documented causes of impairment in a particular AU. These AUs are technically still impaired (see Figure 1) even though the EPA does not officially consider them to be part of the Clean Water Act §303(d) list. Several of these stream reaches also have TMDLs for more than one parameter.

AUs are listed in IR Category 1 and 2 if there are sufficient data and information meeting the requirements of the assessment and listing methodology that can be used to support a determination that some or all uses are attained based on numeric and narrative water quality criteria that were evaluated.

AUs are listed in IR Category 3 when sufficient data to support an attainment determination for any designated use are not available according to the requirements of the assessment and listing methodology¹⁸. Reasons include access, monitoring and/or analytical logistics (such as the need for automated sampling equipment), and staff and financial resource constraints. The SWQB prioritizes IR Category 3 AUs during rotational survey planning.

The leading impairment causes for New Mexico's rivers and streams are presented in Figure 9. The SQUID-generated summary report of all Cause and Source statistics is provided in Appendix B. Standard EPA impairment cause categories included in SQUID were used to label the graphic. See Appendix B for subcategory information.

¹⁸ <https://www.env.nm.gov/surface-water-quality/calm/>

Excessive temperature, nutrient/eutrophication, and *E. coli* are identified as the top three causes of impairment of designated uses in New Mexico's streams and rivers based on current WQS (20.6.4 NMAC), available data, and applicable listing methodologies. Dissolved oxygen (DO) and nutrient/eutrophication impairments may be redundant in some cases, as DO impairment is often a response resulting from excessive nutrients.

E. coli sampling during watershed surveys has been a SWQB priority since the 2006 listing cycle, using a mobile *E. coli* sampling unit that resolved a chronic issue with meeting the short holding time. Implementation of this sampling method continues to result in the identification of additional contact use impairments, due to exceedence of the *E. coli* criteria, each listing cycle.

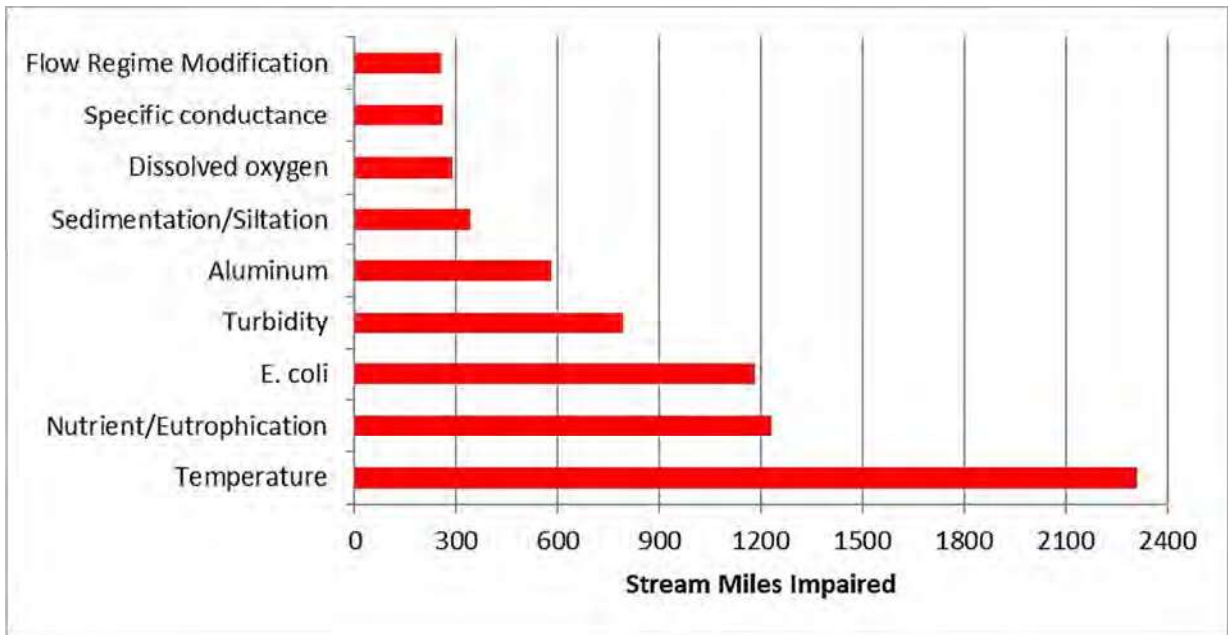


Figure 9. Top Causes of Surface Water Impairment for Rivers and Streams

2. Lake and Reservoir Assessment Results

One major challenge regarding both lake monitoring and lake TMDL development has been the loss of specific CWA §314 funds to address this need. In the past, states received this funding specifically targeted for lake monitoring. States must now carve out their own funding for lake monitoring from core CWA §106 funds. New revenue sources must be identified to increase lake and reservoir monitoring in order to support future TMDL development and provide water quality information to the public who utilize these

lakes and reservoirs. A more robust program could confirm the current cause and source impairment information regarding lakes and reservoirs with more scientifically rigorous data and information.

Table 4. Integrated Report Categories for New Mexico’s Lakes and Reservoirs

Category	Total Size (acres)	Number of Assessment Units
1	355	11
2	8,581	18
3A	21,281	98
5A	8,236	21
5B	308	4
5C	46,694	18
TOTAL	85,455	170

Table 4 shows the number of New Mexico’s lakes and reservoirs assigned to each IR category as defined in Table 1. Individual IR categories are presented for every AU on the Integrated List in Appendix A.

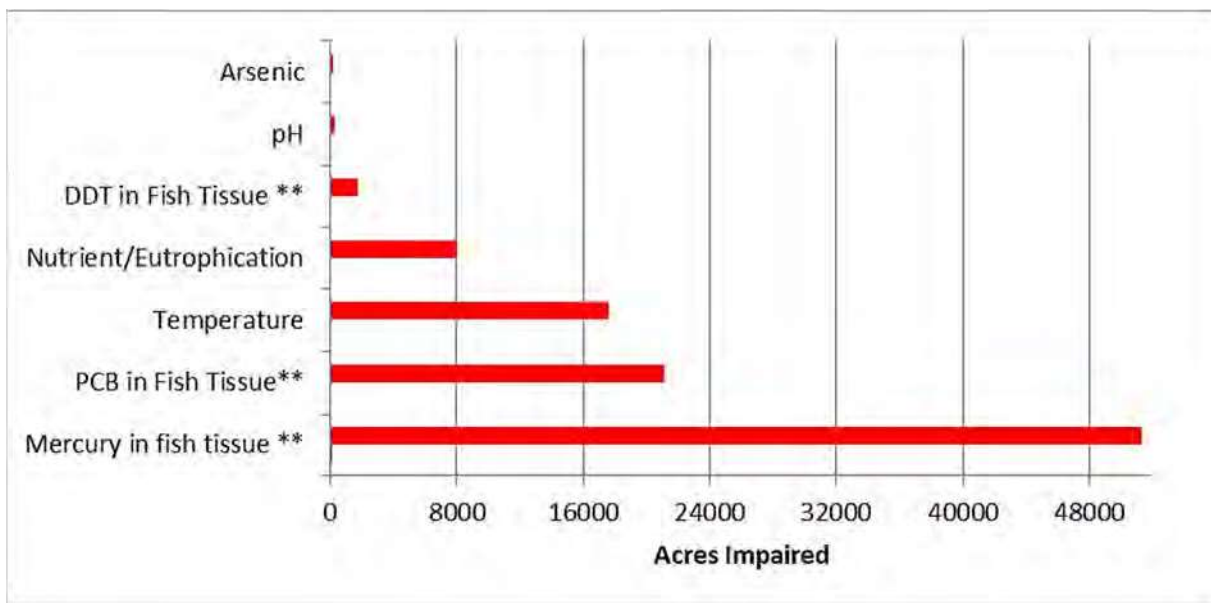
By acreage, the majority of assessed lentic (i.e., not flowing) AUs in New Mexico fall under Category 5. Over 90% of these acres are freshwater reservoirs (as opposed to natural lakes). New Mexico has very few natural lakes compared to the number of in-line and off-line reservoirs. These AUs, along with the IR Category 5 river/stream AUs, comprise New Mexico’s official CWA §303(d) list of impaired waters. A list of Category 5-only waters was generated from SQUID and is included in Appendix A. New Mexico has yet to develop lake TMDLs, as noted by the absence of lakes or reservoirs in Category 4A.

NOTE: This information was generated from SQUID.

AUs are listed in IR Category 3 when current data are not available to support an attainment determination. Reasons for this generally include access issues, monitoring and/or analytical logistics, and staff and financial resource constraints. Many of these lakes that are “Not Assessed” are very small in size, such as high elevation natural lakes. These lakes are logistically difficult to sample because they require long, steep hikes. The SWQB sampled a representative subset of these lakes during 2007 as part of a nutrient criteria development grant. Also included in this category are a large portion of the over 23,000 acres of playa lakes that were part of a SWQB special study in the late 1980s and early 1990s when the EPA provided specific CWA §314 monitoring funding. Attainment status for playas or lakes where adequate resources have not been available to re-monitor in more recent years were changed to “Not Assessed” during the 2008 listing cycle because these data were over 15 years old. Playas or lakes where data from only one sampling event were previously used to make Full Support determinations were changed to “Not Assessed” during the 2014

listing cycle because this is considered to be insufficient data to make attainment determinations under current assessment protocols¹⁹.

A summary of the impairment causes for New Mexico's lakes and reservoirs is presented in Figure 10. The SQUID-generated report that was used to generate the below figure is included in Appendix B. Standard EPA cause categories included in SQUID were used to label the graphic. See Appendix B for specific acreage and subcategory information.



NOTES: **Based on current fish consumption advisories and 0.3 mg/kg methylmercury in fish tissue criterion.

Figure 10. Top Causes of Surface Water Impairment for Lakes and Reservoirs

Mercury in fish tissue, PCBs in fish tissue, and temperature are the top three causes of impairment of designated uses in New Mexico's lakes and reservoirs based on current WQS, available data, and current listing methodologies²⁰. The EPA considers fish or shellfish consumption advisories and supporting fish tissue data to be existing and readily available data that demonstrate non-attainment of CWA goals stating that waters should be "fishable" (CWA §101(a), EPA 2005). New Mexico currently has fish consumption advisories based on mercury, dichlorodiphenyltrichloroethane (DDT), and PCB levels in fish tissue (NMDOH *et al.* 2020). All waterbodies listed in the advisory are listed as impaired except waterbodies where available mercury in fish tissue data are below the New Mexico water quality criterion of 0.3 mg/kg.

¹⁹ <https://www.env.nm.gov/surface-water-quality/calm/>

²⁰ <https://www.env.nm.gov/surface-water-quality/calm/>

III. Surface Water Quality Planning

A. Prioritize Impairments and Concerns

After water quality impairments and issues are identified, New Mexico engages in water quality planning to address the concern. The first surface water quality planning step is to prioritize impairment listings for subsequent TMDL development or alternative plans in order to implement restoration strategies with a more holistic approach. The SWQB continues to be involved in national conversations with the EPA and the Association of Clean Water Administrators (ACWA) regarding the Long-Term Vision for the CWA §303(d) Program (Vision). The goals of the Vision are prioritization of watersheds or waters for restoration and protection; assessment of priority waters; protection of unimpaired waters; alternative approaches to restoration and protection; engagement with the stakeholders; and integration with other CWA programs. As a result of the Vision and goals, the TMDL program in New Mexico is focusing on state water quality priorities, while continuing to evaluate TMDL alternatives and protection of waterbodies that are not impaired. This document, referred to as a Prioritization Framework, summarizes the prioritization of monitoring and TMDL activities in New Mexico. The Prioritization Framework was provided to EPA Region 6 staff for review in January 2015 and comments received from the EPA were addressed as appropriate and then incorporated in the SWQB's long-term prioritization document (NMED/SWQB 2015). This guidance document is used by the SWQB for monitoring and TMDL planning; it is not a static document and will be updated during the 2020-2022 timeframe, if necessary. The list of TMDL priorities through 2022 were determined using the process outlined in the Prioritization Framework and were provided to EPA Region 6 in July 2015. The portion of these TMDL priorities to be developed annually will be provided to EPA Region 6 at the beginning of each federal fiscal year.

To review the SWQB's prioritization framework, visit:
<https://www.env.nm.gov/surface-water-quality/tmdl/>

B. Develop Total Maximum Daily Loads

CWA §303(d)(1) requires that states develop a list of waters within the State that are not supporting their designated uses established in the WQS and to establish a TMDL for each pollutant for those "impaired waters." A TMDL is defined as the "calculation of the maximum amount of a pollutant allowed to enter a waterbody so that the waterbody will meet and continue to meet water quality standards for that particular pollutant. A TMDL determines a pollutant reduction target and allocates load reductions necessary to the source(s) of the pollutant."²¹

To accomplish this requirement, New Mexico develops a TMDL planning document -- a comprehensive plan for a given pollutant and waterbody starting from the relevant WQS, discussing existing water quality data and developing a plan to ensure that WQS are achieved and maintained for that waterbody. At the core of a TMDL is the allocation of pollutant loads to existing and reasonably foreseeable increases from point sources and nonpoint sources in the watershed. As such, TMDLs are an integral part of New Mexico's

²¹ <https://www.epa.gov/tmdl/program-overview-total-maximum-daily-loads-tmdl>

WQMP/CPP and incorporated by reference (NMWQCC 2020). TMDLs also inform the EPA in developing effluent limits for NPDES permits and help guide the SWQB in prioritizing watershed protection and restoration projects funded under the CWA §319 and other programs.

Since the previous listing cycle, the SWQB has completed and both the NMWQCC and EPA have approved TMDLs for the Canadian River Watershed (22), Tecolote Creek (1), and Jemez River Watershed (2). EPA approval is pending for updated aluminum TMDLs for the Middle Rio Grande (1) and Jemez River (2). The SWQB also received EPA approval to withdraw dissolved aluminum TMDLs for the Rio Chamita, Rio Puerco, and Whitewater Creek. The SWQB received NMWQCC approval of TMDLs for the Rio Chama watershed (8) in October 2020 and EPA approval is pending.

For more information on SWQB's TMDL program and to access individual approved TMDL planning documents, visit: <https://www.env.nm.gov/surface-water-quality/tmdl/>

TMDLs include a list of “probable sources” in the contributing watershed. These are defined as activities that may contribute pollutants or stressors to a waterbody. The probable source list included with any cause of impairment includes any and all activities occurring or likely to occur in the watershed that have the potential to contribute to the identified impairment. It is not intended to single out any particular landowner or single land management activity, and has therefore been labeled “probable,” and generally includes several possible items. Probable sources listed for any particular waterbody have not been proven to be a source or the only sources of the identified impairment. The list is based on qualitative field observations made by field staff for AUs sampled during rotational watershed surveys and watershed restoration projects. This is combined with knowledge of known land management activities that have the potential to contribute to the identified impairment. The SWQB updated its standard operating procedure for probable source determination in 2020²². Specifically, probable source observations are first recorded during rotational watershed surveys by SWQB staff. Information gathered from the surveys are used to generate a draft Probable Source list in consequent draft TMDL planning documents and shared with SWQB staff familiar with the waterbodies of concern based on their work with permits, watershed-based planning projects, or monitoring in the watershed for review and comment. These draft Probable Source lists are finalized with watershed group/stakeholder input received during any one of the following: pre-survey public meeting, TMDL public meeting, watershed-based planning activities, and various public comment periods.

As part of the ATTAINS re-design, there were several discussions between EPA and states regarding the reporting of probable sources since most states do not have dedicated funding for source identification. EPA Office of Water staff confirmed that probable sources for impaired AUs (i.e., IR Category 4 and 5) are an optional data element and not required in the new ATTAINS system. Therefore, New Mexico is no longer reporting “Source Unknown” for AU-cause pairs without approved TMDLs. As stated above, documenting probable sources is part of the TMDL process in New Mexico rather than part of the listing process. Accordingly, probable sources have also been removed from the Integrated List (Appendix A). However, the SWQB does maintain probable sources documented in approved TMDLs in SQUID in order to provide a summary discussion of the primary sources of impairment in New Mexico. This fulfills the CWA §305(b)(1)(E) requirement to provide “a description of the nature and extent of nonpoint sources of pollutants.”

²² <https://www.env.nm.gov/surface-water-quality/sop/>

A summary of the top impairment sources as documented in approved TMDLs for New Mexico’s rivers and streams is presented in Figure 11. The SQUID-generated report that was used to generate the below figure is included in Appendix B. Standard EPA source categories included in SQUID were used to label the graphic. See Appendix B for specific values and subcategory information. In most instances, more than a single probable source contributes to water quality impairment. The total mileage values reported are summations of AU mileages for all AU-impairment pairs assigned to each probable source. Since the State has not yet written any lake or reservoir TMDLs, a probable sources summary is not available for this waterbody type but it is assumed to be similar.

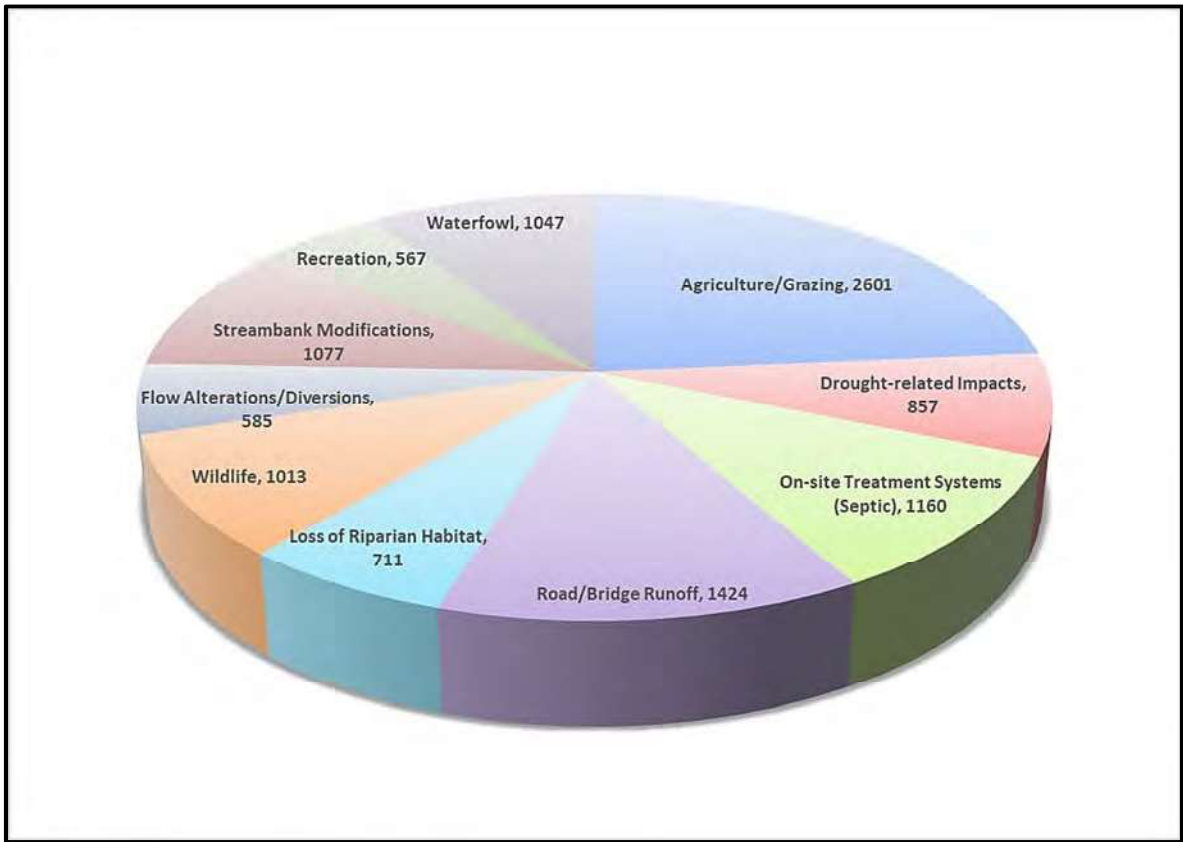
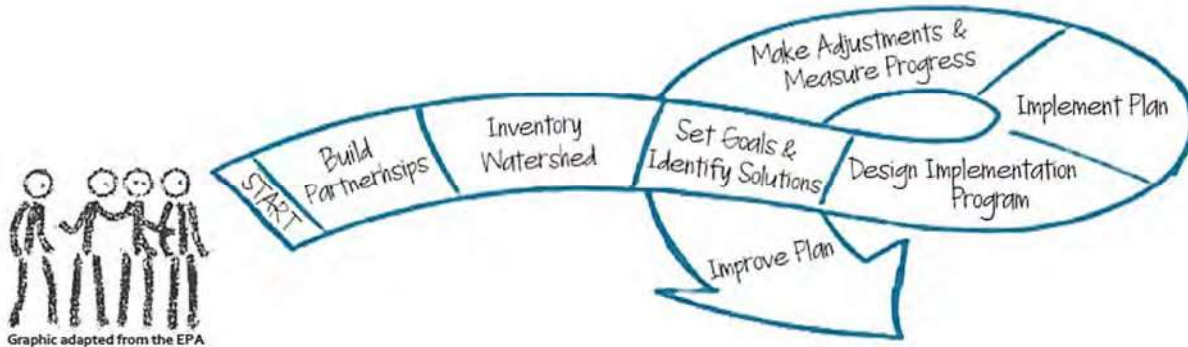


Figure 11. Top Probable Sources of Surface Water Impairment in Rivers/Streams as reported in approved TMDLs (total AU-impairment pair mileage shown)

As seen in the summary graphic, the majority of water quality impairments identified in New Mexico’s streams and rivers continues to be due to nonpoint sources (NPS) of water pollution. NPS pollution can be directly related to land use practices on a broad geographic scale and is generally caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up natural and human-caused pollutants, which are deposited into rivers/streams, lake/reservoirs, wetlands, and groundwater.

C. Develop Watershed-Based Plans

As mentioned previously, the Vision promoted by the EPA encourages states to consider alternatives to TMDLs when other planning approaches are more appropriate or can lead to quicker on-the-ground results. One viable method is an increased emphasis on watershed-based plans (WBPs).



New Mexico's NPS Management Program is designed as a cooperative effort among federal and state agencies, watershed stakeholders, and NMED's SWQB Watershed Protection Section (WPS). The current plan for the NPS Management Program was approved by the EPA in 2019 (NMED/SWQB 2019). The current plan states an overall goal of meeting and maintaining water quality standards and designated uses of surface water and to protect ground water resources. The plan's objectives are directed toward meeting this goal, and are related to watershed-based planning, restoring and protecting surface and ground water quality, education, and interagency cooperation. The NPS Management Program emphasizes watershed-based planning, as described in the EPA's *Nonpoint Source Program and Grants Guidelines for States and Territories* (EPA 2013).

A WBP is a comprehensive report written to address water quality problems for watersheds with impaired streams. It generally includes several elements to encourage effective implementation and adaptive evaluation. The SWQB encourages use of a WBP by any watershed restoration program to benefit water quality. WBPs are used by local watershed groups and other interested stakeholders to build on the TMDL process, if available, with more detailed characterization of pollutant sources, management measures, information and education programs, and monitoring. This approach facilitates coordinated watershed restoration efforts, the development of effective watershed associations, engaged stakeholders, and the implementation of effective best management practices (BMPs) to reduce NPS pollution. Table 5 provides some examples of BMPs encouraged by the Program. The NMED underscored its encouragement by making watershed-based planning a requirement for significant restoration activities to be funded with CWA §319(h) funds. New Mexico's current and recently completed watershed-based planning projects are displayed in Figure 11 and in Appendix D.

Information on watershed-based planning, as well as WBPs that have been reviewed and accepted by EPA, are available at: <https://www.env.nm.gov/surface-water-quality/wbp/>

Table 5. Common BMPs Implemented Throughout New Mexico to address Nonpoint Source Pollution

NPS Pollution Category	Examples of Best Management Practices (BMPs) utilized in New Mexico	
Agriculture	<ul style="list-style-type: none"> • Residue Management (contour strip cropping, stubble munching, conservation tillage) • Improved irrigation practices (low output sprinklers, vegetation control) • Nutrient Management (split fertilizer applications, nutrient balancing, crop rotation) 	
Construction	<ul style="list-style-type: none"> • Sediment Control Structures (silt fences, hay bales, sediment retention ponds) • Heavy equipment cleaning and spill kits • Conduct construction activities during no-flow or low-flow conditions 	
Fire Suppression/Fuels Management	<ul style="list-style-type: none"> • Forest thinning / fuels reduction • Post wildfire watershed rehabilitation 	
Grazing	<ul style="list-style-type: none"> • Alternate watering sources (trick tanks, upland dirt tanks, and upland wells) • Planned/rotational grazing • Cattle guards to control access 	<ul style="list-style-type: none"> • Fencing (pasture cross fencing, creation of additional pastures for improved stock rotation methods, and riparian enclosure fencing)
Loss of Riparian Habitat	<ul style="list-style-type: none"> • Habitat restoration and rehabilitation <ul style="list-style-type: none"> - Removal of non-native plant species - Planting native vegetation 	<ul style="list-style-type: none"> • Grazing enclosure(s) or planned grazing
Recreational Activities	<ul style="list-style-type: none"> • Revegetation of impacted areas • Trail maintenance/reconstruction • Provide and maintain waste and sanitation facilities • Limit off road vehicle use 	<ul style="list-style-type: none"> • Restrict vehicular access to riparian areas • Recreational area closure or relocation • Education/Outreach
Resource Extraction	<ul style="list-style-type: none"> • Sediment Control Structures (silt fences, hay bales, sediment retention ponds) • Stabilizing, relocating, and channeling runoff around mine and mill tailings 	
Septic Systems	<ul style="list-style-type: none"> • Identify and replace malfunctioning systems • Outreach to encourage preventative maintenance • Connect to centralized wastewater treatment system 	
Streambank Modification/ Hydromodification	<ul style="list-style-type: none"> • Streambank Stabilization via: <ul style="list-style-type: none"> - Revetment (e.g. vanes, j-hooks) - Grade control (e.g. cross vanes) - Grazing enclosures or rotation 	<ul style="list-style-type: none"> - Terracing / revegetation of slopes - Installing vortex weirs - Replacing undersized culverts - Brush control
Urban Stormwater	<ul style="list-style-type: none"> • Education/Outreach activities • Develop stormwater management plan • Propose new ordinance and/or development codes 	<ul style="list-style-type: none"> • Propose new construction standards • Install swales, French drains, detention ponds • Collect and treat runoff

IV. Water Quality Protection and Restoration

A. NPS CWA §319 Watershed Restoration Grants



Bluewater Creek before (2009) restoration...

Since 1998, the NPS Management Program has implemented over 100 watershed restoration projects. New Mexico's current and recently completed CWA §319 watershed restoration implementation projects are displayed on Figure 8 and in Appendix D. In addition, CWA §319(h)(11) requires New Mexico to report, on an annual basis, to EPA Region 6 progress in meeting milestones in the NPS Management Program plan, reductions in NPS pollutant loading, and improvements in streams that do not meet water quality standards. The SWQB maintains a website of all NPS Annual Reports from calendar year 2000 to present.

Once the water quality problem has been identified and planning strategies have been developed, a variety of programs are available to protect and restore water quality. One of the primary goals of New Mexico's NPS Management Program is to implement BMPs to reduce NPS pollutants entering surface and ground waters. To accomplish this goal, the Program administers CWA §319 watershed restoration grants. Funds for education and outreach are included in these grants as well. The focus of implementation projects in recent years has been on impaired waters funded under CWA §319 is on WBP implementation and implementation of Wetlands Action Plans. Through a combination of funding programs and partnerships, New Mexico encourages interested parties to implement BMPs to control or reduce the degree of water quality impairments due to non-point sources.



...and after (2016) restoration.

**Information on projects completed in specific years can be found in the SWQB's
NPS Management Program Annual Reports at:**

<https://www.env.nm.gov/surface-water-quality/nps-annual-reports/>

B. New Mexico's River Stewardship Program

A key part of the NPS Management Program is the state-funded River Stewardship Program (RSP). The goal of the RSP is to fund projects that enhance the health of rivers by addressing the root causes of poor water quality and stream habitat. The RSP builds on collaboration and restoration techniques developed and implemented during successful CWA §319 and state funded implementation projects around the state.



Restoring La Jara Creek after the Thompson Creek Fire, a River Stewardship Program project that improved surface water quality and river/wetland habitat in Valles Caldera National Preserve.

Specific RSP objectives include:

- Restoring or maintaining hydrology of streams and rivers to better handle overbank flows and thus reduce flooding downstream;
- Enhancing economic benefits of healthy river systems such as improved opportunities to hunt, fish, float or view wildlife; and
- Providing state matching funds required for federal CWA grants.

RSP projects, like CWA §319 projects described above, are selected through a competitive, statewide application or Request for Proposals process. RSP projects are distributed statewide. Priority areas have been selected, although projects that are not within the priority areas are also considered. Eligible applicants include: towns, cities, counties, soil and water conservation districts, irrigation districts, for-profit organizations; and Indian Nations, Pueblos and Tribes. Evaluation criteria favor projects that improve water quality, enhance fish and wildlife habitat, support local economies, and reduce downstream flood hazard.

Although RSP projects are not required to implement watershed-based plans, each RSP project proposal is evaluated relative to its alignment with local, state, tribal or federal planning documents, and watershed-based plans often provide the strong basis in planning for proposals to be competitive. New Mexico's current and recently completed RSP projects are displayed in Figure 12.

Current and recent Section 319 and River Stewardship Program projects lists are available at:
https://www.env.nm.gov/surface-water-quality/nmed_319_and_rsp_project_list/

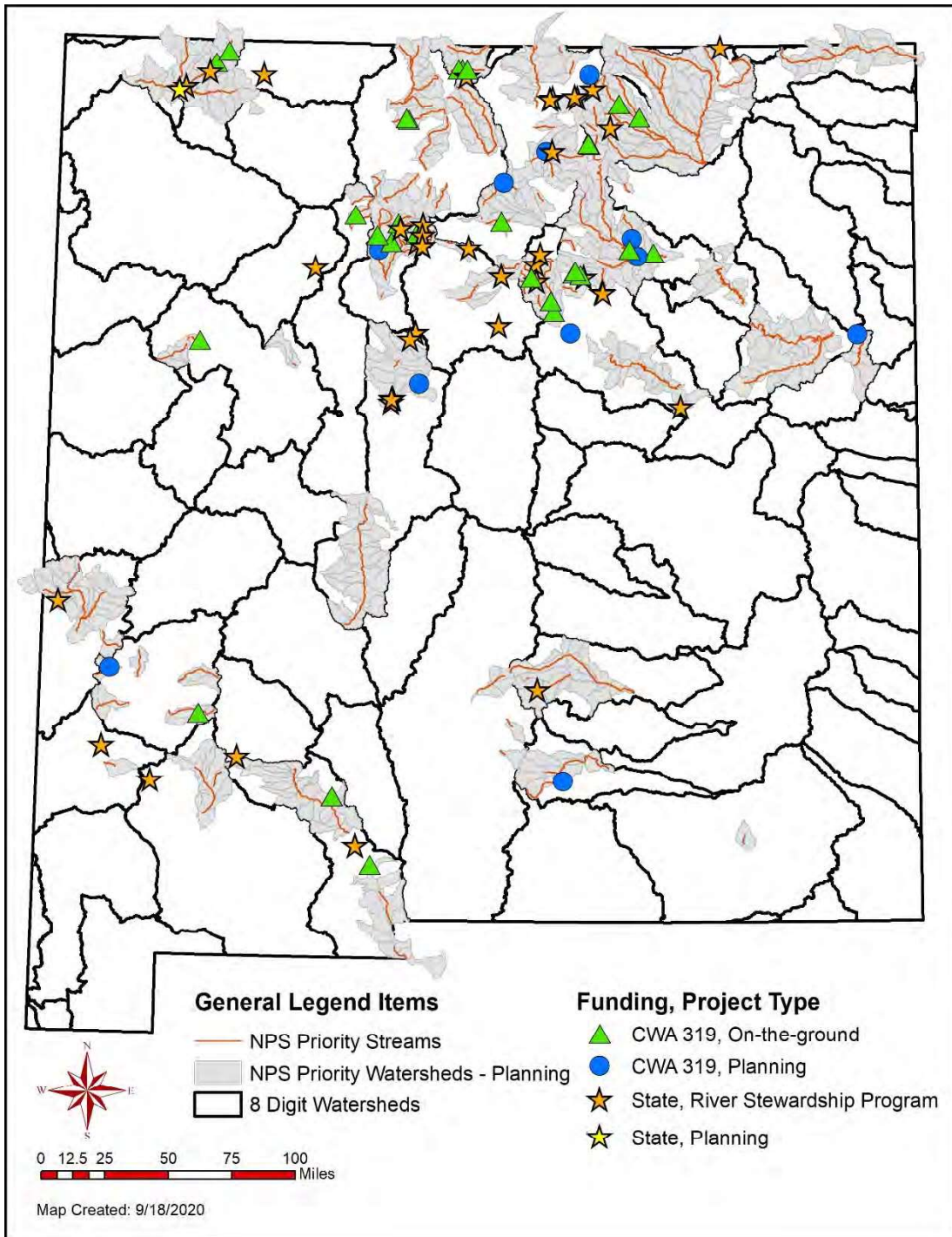


Figure 12. CWA §319 and RSP restoration and planning projects, 2014-2020

C. Point Source Regulation and Other State Certifications

Point source pollution results from discharge of contaminants through discrete conveyances such as pipes. In New Mexico, the EPA under CWA §402 administers the discharge of pollutants through the National Pollutant Discharge Elimination System (NPDES) program. State certification of federal permits is required under CWA §401 and ensures the permits are compatible with state laws, protect the state's water quality standards, and implement the state's WQMP/CPP (NMWQCC 2020). In New Mexico, the NMED is the CWA §401-certifying authority for such certifications. The SWQB Point Source Regulation Section (PSRS) fulfills this responsibility, certifying 17 NPDES permits in state fiscal year (FY) 2019 and 12 permits in state FY 2020. The primary goal of PSRS is to protect public health and the environment by assuring that regulated point source discharges to surface waters comply with appropriate state and federal statutes and regulations, including applicable water quality standards and applicable wasteload allocations developed through the TMDL process.

The PSRS is credentialed by the EPA to conduct compliance inspections on behalf of the EPA and to serve as a local point of contact for providing information to operators and other agencies regarding the federal regulatory program as well as offering compliance assistance to individual facilities. Inspections help to ensure compliance with applicable effluent limitations and permit conditions and are carried out in accordance with the EPA NPDES Compliance Inspection Manual (EPA 2017b) using current, EPA-approved forms and checklists. The data and information collected are used to evaluate compliance and to support state or federal enforcement and permitting activities. The PSRS conducted 52 NPDES compliance inspections in state FY 2019 and 18 inspections in state FY 2020²³. In addition, the EPA executed 30 NPDES enforcement actions in state FY 2019 and 17 actions in FY 2020, most of which were based on state inspection reports.



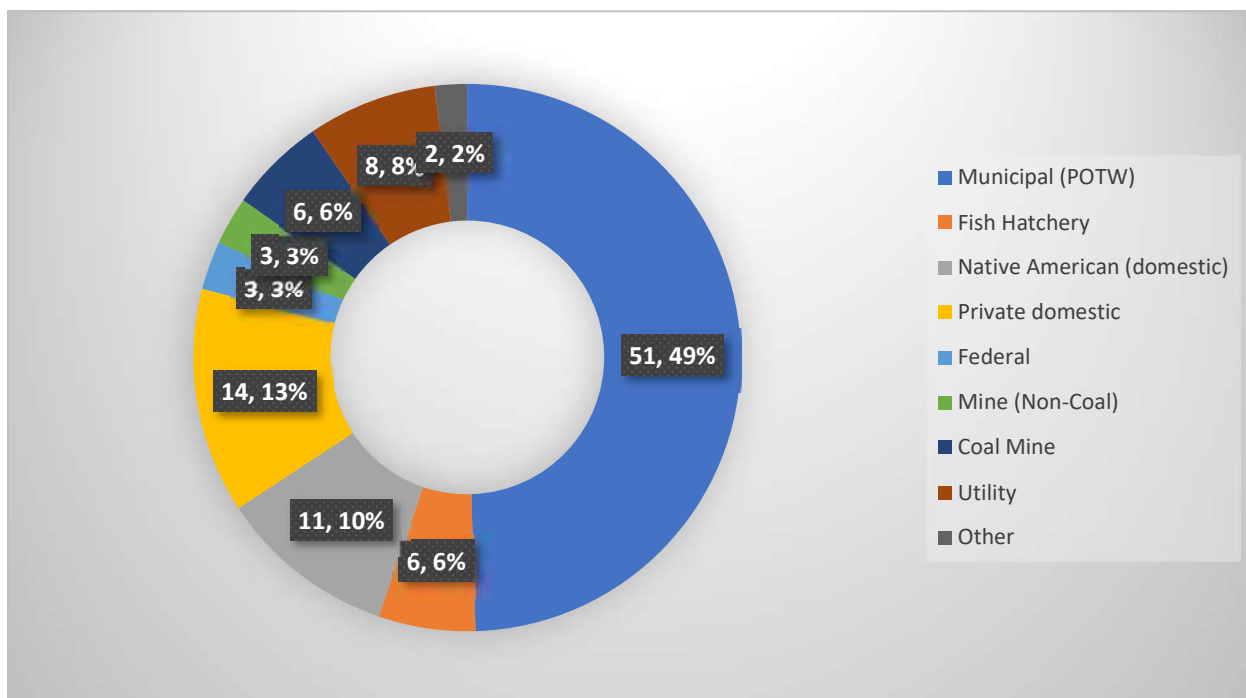
Rock Lake State Fish Hatchery

State enforcement of NPDES permitted discharges is possible but has not occurred. State enforcement would be based in large part upon meeting the applicability requirement of 20.6.2.2100 NMAC, which applies to any discharger who is given written notice of a NPDES permit violation from the EPA and who has not corrected the violation. The regulatory applicability clause is designed to prevent dual regulation by state and federal government, while still allowing the State to act in cases where the federal program has been unable to gain compliance within a prescribed time. Furthermore, the NMED has the authority under 20.6.2.1220 NMAC to issue compliance orders, including penalties, for a discharge that exceeds any water quality standard in state regulations, or is not complying with a condition or provision of an approved or modified discharge plan or permit. The state may also enforce provisions of 20.6.2.2201 NMAC prohibiting disposal of refuse in a watercourse.

²³ The COVID-19 pandemic, which began in March 2020, impacted NMED and EPA's ability to perform in-person inspections.

In addition to conducting individual permit inspections, the PSRS also conducts both construction site and industrial facility stormwater inspections in accordance with the provisions of the Construction General Permit or the Multi Sector General Permit. The PSRS conducts outreach to construction site and industrial facility owners and operators to inform them of requirements under the CWA. The PSRS also assists with implementation of the Phase I and II Municipal Separate Storm Sewer Systems (MS4) (i.e., urban stormwater) permitting program in New Mexico. PSRS anticipates working with EPA Region 6 on the reissuance of the Middle Rio Grande Watershed-Based MS4 permit, as well as the reissuance of the statewide small MS4 permit in the near future²⁴. Additionally, the Los Alamos area was recently designated as an MS4 under EPA’s residual designation authority, the EPA will begin development of a draft permit in 2020. PSRS will continue to provide assistance conducting audits of these programs as needed.

Figure 13 illustrates the distribution of individual NPDES permitted facilities by type and percentages. Because of the large percentage of wastewater treatment plants in the state, these facilities continue to cause adverse effects on water quality in local areas, in part due to poor operation and maintenance or limited funding to implement technological improvements or upgrades to treatment facilities.



NOTES: *SWQB does not certify permits on tribal lands (comment provided only)

Figure 13. Distribution of Individual NPDES permits in New Mexico (106 permits total)

The U.S. Army Corps of Engineers (USACE) administers Section 10 of the Rivers and Harbors Appropriation Act and CWA §404. The USACE Regulatory Division issues permits (Standard Individual Permits, Regional

²⁴ See <https://www3.epa.gov/npdes/pubs/fact2-1.pdf> and <https://www.epa.gov/npdes/stormwater-discharges-municipal-sources> for additional details on Phase I and II MS4s.

General Permits, and Nationwide Permits) which authorize certain activities to discharge dredged or fill material into a water of the U.S. Under CWA §401, States and Tribes are provided the opportunity to certify CWA §404 permits. NMED's Water Quality Certification ensures that the federal permit will comply with Surface Water Quality Standards (2.4.6 NMAC) and applicable state law. The NMED typically certifies CWA §404 permits with conditions that include BMPs for protecting water quality from adverse environmental impacts. In 2019, the NPS Management Program completed water quality confirmations, certifications, or other actions on 66 dredge or fill permits.

For more information on State Certifications, see:
<https://www.env.nm.gov/surface-water-quality/npdes-permits/>
<https://www.env.nm.gov/surface-water-quality/dredgeandfillactivities/>
<https://www.env.nm.gov/surface-water-quality/public-notices/>

D. Other NMED Water Pollution Control Programs

CWA §303(d) and §305(b) are primarily implemented by the SWQB. However, because surface water quality is utilized and affected in diverse ways by different activities and needs, the NMED has other bureaus and programs that also address water pollution control in New Mexico under the WQA. A few are highlighted below.

1. *Drinking Water Bureau*

a) Public Water System Supervision - Compliance

The NMED's Drinking Water Bureau (DWB) is responsible for regulating public water systems who are responsible for preserving, protecting, and improving New Mexico's drinking water quality for present and future generations. This is accomplished by implementing the requirements of New Mexico's Drinking Water Regulations (20.7.10 NMAC) and the federal Safe Drinking Water Act (SDWA) which establish the standards for drinking water throughout the State. These standards set limits for harmful contaminants such as pesticides, volatile organics, and radiochemical, chemical, and bacteriological contaminants. The SDWA originally focused on treatment as the means of providing safe drinking water at the tap. The 1996 amendments greatly enhanced the existing law by recognizing source water protection, operator training, funding for water system improvements, and public information as important components of safe drinking water. This approach, adopted by the DWB, ensures the quality of drinking water in New Mexico by protecting it from source to tap.

All public drinking water systems must monitor the water for regulated contaminants and ensure compliance with New Mexico's Drinking Water Regulations and the SDWA. Water samples are collected at each public water system's entry point into distribution, after treatment, and analyzed for contaminants according to an established schedule. The DWB provides oversight to all of New Mexico's public drinking water systems and reviews these data, periodically inspects the systems according to a rotating schedule depending on the type of system and takes action whenever a system is out of compliance. These actions typically include providing technical, managerial or financial assistance to help improve the overall capacity of a system and encouraging systems to regionalize and combine resources when possible; however, enforcement action may be taken to return the system to compliance.

b) *Source Water Protection - Assistance*

Systems utilizing surface water sources for drinking water require more sampling of treated water than systems using a groundwater source due to the potential for rapid changes in source water quality. While the quality of the source water does not impact the required quality of the produced drinking water, the quality of the source water will influence treatment considerations and associated costs to comply with all maximum contaminant levels. Just over 60 public drinking water systems use or purchase water obtained from either surface water or groundwater under the direct influence of surface water. When chlorine is used as part of drinking water treatment, disinfection byproducts can form when organic carbon reacts with the chlorine. Typically, systems can adjust treatment and operations as an effort to return to compliance relative quickly; however, additional infrastructure is sometimes required to remove organic carbon. A system is required to notify the public whenever violations of the SDWA occur.

In addition to providing oversight to systems, DWB's Source Water and Wellhead Protection Program works with systems to identify potential sources of contamination that might have adverse effects on the source waters and to develop a plan to protect those drinking water sources. The DWB assists systems with conducting assessments of potential sources of contamination for all surface water sources. The Source Water and Wellhead Protection Program recommends that systems evaluate surface water sources on the following criteria: 1) stream flow rate or reservoir size, 2) surface water intake construction and integrity, 3)



intake method (direct or indirect), and 4) average daily turbidity of the surface water source. Sources of contamination are also typically identified within a ten-mile segment upstream of and one-half mile on either side of each intake. Additional potential contamination sources posing high risk are identified for the entire watershed as delineated from 500 feet below a drinking water intake. The identified sources of contamination are evaluated based on the chemical properties of the associated contaminants, their likelihood of release, the number of contaminants, their proximities to the surface water source, and chemical monitoring history.

McClure Reservoir (City of Santa Fe)

In 2018 and 2019, DWB assisted with the completion of Source Water Protection Plans for the Buckman Direct Diversion and the Albuquerque Bernalillo County Water Utility Authority. DWB began working with the City of Santa Fe in early 2020 to revise their source water assessment for both groundwater and surface water supplies. A source water plan is expected to be completed sometime in 2021.

For additional information on NMED's Drinking Water Bureau, visit:

https://www.env.nm.gov/drinking_water/

c) *Utility Operator Certification Program*

The Utility Operator Certification Program (UOCP) administers the certification program for water and wastewater operators at all public water and wastewater utilities in New Mexico. This includes development, scheduling and administration of certification examinations, processing applications for certification and renewal, tracking all certified operators continuing education courses, evaluating training courses for relevance to program, tracking compliance with operator certification requirements, as well as working with the NMWQCC and the Utility Operator Certification Advisory Board. NMED administers the UOCP pursuant to the New Mexico Utility Operators Certification Act, NMSA 1978, §§ 61-33-1 to -10.

The UOCP ensures that the roughly 3,300 active operators of drinking water systems and wastewater treatment systems in New Mexico are appropriately trained and qualified through tracking required continuing education credit hours (10 hours/year/operator), increasing the number of certifications through examinations that ensure the necessary knowledge and ability of all operators, and tracking the number of certified operators who renew each certificate held (renewal required every three years).

UOCP updates:

- The UOCP revised and updated the Water certifications exam study guide and is in the process of updating the Wastewater certification exam study guide.
- The UOCP received an EPA Environmental Justice Cooperative Agreement grant in September 2020 to partner with San Juan College, the Navajo Tribal Utility Authority, and Ute Mountain Ute Tribe to develop a water utility recruitment, training, and placement program over the next two years.
- Due to COVID-19, the UOCP cancelled all in-person exam and training sessions for 2020. The DWB worked with contractors to provide online trainings. In summer 2020, the Program became a member of the Association of Boards of Certifications (ABC), a national non-profit administering water utility exams for over 40 other states. The UOCP is working with ABC to convert all paper exams to online exams which will be offered at Department of Workforce Solutions test centers around the state starting in October 2020.

For more information on the Utility Operators Certification Program, see:
https://www.env.nm.gov/drinking_water/utility-operator-certification-program/

2. *Ground Water Quality Bureau*

New Mexico's groundwater resources are of vital importance in sustaining life and must be preserved and protected for both present and future generations. Approximately 50% of New Mexicans depend solely on groundwater for drinking water. This is a decrease from 90% four years ago due to the recent addition of surface water to augment the public water supplies of Albuquerque and Santa Fe. Eighty percent of New Mexicans are served by public systems with water derived from groundwater sources and over 295,600 New Mexicans – 14.5% of the State's population - depend on private wells for drinking water (NMOSE 2010). Nearly half of the total water annually withdrawn for all uses in New Mexico, including agriculture and industry, is groundwater, the only practicable source of water in many areas of the State. Overall, the quality of these waters is assumed to be good, although there are significant pollution problems known to affect certain areas of New Mexico.

New Mexico relies on several programs to protect and maintain groundwater quality. The primary statute dealing with groundwater quality management is the WQA, which authorizes the NMWQCC to adopt groundwater quality protection regulations and standards (20.6.2 NMAC). Key features of the WQA and the NMWQCC regulations relating to groundwater include:

- A requirement for dischargers to obtain a groundwater discharge permit to prevent groundwater contamination from discharges that have the potential to impact groundwater quality, including discharges to underground injection control wells;
- Requirements for reporting and addressing spills and releases;
- Development of groundwater quality standards;
- Requirements to abate groundwater pollution; and
- Provisions for civil and criminal penalties for violation of the regulations and standards.

The role of the NMED Ground Water Quality Bureau (GWQB) is to protect the environmental quality of New Mexico's groundwater resources; and to identify, investigate and oversee clean-up contaminated sites which pose risks to human health and the environment. Specifically, the GWQB:

- Issues and oversees groundwater pollution prevention (i.e., discharge) permits;
- Implements, along with the SWQB, the NMED's responsibilities under the New Mexico Mining Act to ensure that environmental issues are addressed and standards are met;
- Oversees groundwater investigation and remediation activities;
- Identifies, investigates and remediates inactive hazardous waste sites through implementation of the federal Superfund program;
- Oversees agreements between the state and responsible parties; and
- Implements the Voluntary Remediation Program.

The GWQB strives to increase industry and public understanding and awareness of the importance of safe groundwater supplies in sustaining the quality of life in New Mexico for this and future generations, and the importance of protecting groundwater quality through pollution prevention initiatives. The GWQB also offers free water quality screening for domestic wells at water fairs routinely held around New Mexico.



Groundwater Sampling

Groundwater quality monitoring is typically required at permitted facilities to determine baseline groundwater quality, serve as a sentinel detection method, and as part of remediation efforts to determine whether or not remediation efforts are effective. While household septic tanks or unauthorized cesspools are the predominant source of nonpoint source contamination of groundwater in New Mexico, other diffuse sources may also cause groundwater quality degradation. These sources can include minerals from evapotranspiration, land disturbance by mineral exploration, urban runoff, or

application of agricultural chemicals. Point source categories include publicly and privately-owned sewage treatment plants with discharges of over 5,000 gallons per day, dairy operations, mines, food processing

operations, industrial discharges, landfills, leaking above and underground storage tanks, petroleum processing and storage, and accidental spills or leaks.

Programs established under the New Mexico Oil and Gas Act, Hazardous Waste Act, Ground Water Protection Act, Solid Waste Act, Emergency Management Act, Voluntary Remediation Act, and Environmental Improvement Act also contain provisions which are designed to protect groundwater quality and which implement the groundwater regulations and water quality standards directly or by reference. In addition, the State cooperates with local and federal governments on various programs relevant to groundwater pollution control.

For more information on NMED's Ground Water Quality Bureau (including updates to the petition to amend ground water regulations), visit: <https://www.env.nm.gov/gwqb/>

V. Measure Progress/ Update Surface Water Quality Goals

The fourth phase of New Mexico's implementation of the CWA framework for surface waters is to continually grow and improve water quality identification and control techniques through measuring progress towards and updating surface water quality goals. Identification goals are reviewed and updated through activities such as the triennial review of water quality standards; the biennial revisions and improvements to the IR listing methodologies, especially related to developing numeric thresholds for narrative water quality criteria; and development of tools to identify, measure condition, and restore additional waterbody types such as wetlands. Progress towards meeting these goals is continually evaluated through rotational surface water quality monitoring, wetlands mapping, site inspections, consideration of special needs and concerns that hamper the ability to identify and address water quality impairments, and effectiveness monitoring of restoration implementation activities. Two specific SWQB programs that focus on these areas are highlighted below, along with special water quality issues and concerns in New Mexico.

A. Effectiveness Monitoring Program

An important goal of the NPS Management Program is to monitor the effects of NPS pollution control projects on water quality. These projects are primarily stream restoration measures funded under CWA §319, but also include projects funded through the RSP and the Wetlands Program. Effectiveness monitoring has focused primarily on projects addressing stream temperature impairments in mountain streams in northern and central New Mexico. Temperature monitoring is ongoing on the following streams: Bluewater Creek, Rio de Los Pinos, Ponil Creek, Rito Peñas Negras, Rio de las Vacas, Redondo Creek, Jaramillo Creek, San Antonio Creek, and Cow Creek.

The stream temperature monitoring provides data for statistical analysis using the before/after upstream/downstream study design, in which the relationship between the upstream and downstream stations is tested for a significant difference before and after restoration. Initial results from the data analysis indicate that peak summer temperatures in many streams have improved, but still exceed the associated aquatic life water quality criteria in some streams.

A common restoration technique for temperature impairments is to exclude cattle and elk grazing by building fence enclosures (i.e., structures intended to exclude animals from these areas to remove grazing impacts) and planting native vegetation to bring back the riparian cover. Although this technique is expected to be effective, there is a significant lag time between planting and sufficient vegetation growth to effectively shade the stream. Data collection and analysis will be continued to account for this lag time. These projects are expected to have beneficial effects which will continue to increase as riparian vegetation continues to grow and provide shade to the adjacent stream.



Volunteers planting native riparian vegetation on Jaramillo Creek

Watershed-scale change to bring about water quality standards attainment is usually a long-term effort. Economic changes, societal values, climate cycles, and climate change each may exert as much influence on water quality as isolated projects or small shifts in land management practices. NMED’s Effectiveness Monitoring Program seeks to recognize water quality standards attainment attributable to projects or intentional land management improvements. A key NPS Management Program milestone is for the NMED to submit one or more nominations per year to the EPA for recognition as an NPS Success Story. New Mexico’s recognized NPS Success Stories are listed in Table 6.

Table 6. New Mexico NPS success stories

Waterbody	Year
Jaramillo Creek (East Fork Jemez to headwaters)	2018
Bluewater Creek (Perennial portions Bluewater Reservoir to headwaters)	2017
Polvadera Creek (Cañones Creek to headwaters)	2015
Willow Creek (Pecos River to headwaters)	2014
Sitting Bull Creek (Last Chance Canyon to Sitting Bull Springs)	2014
Comanche Creek (Costilla Creek to headwaters)	2013
Santa Fe River (Paseo del Cañon to Santa Fe WWTP)	2011
Rio Cebolla (Rio de las Vacas to Fenton Lake)	2010

For more information on New Mexico restoration success stories, visit:
<https://www.epa.gov/nps/nonpoint-source-success-stories-new-mexico>

B. New Mexico’s Wetlands Program

Approximately one million acres of wetlands exist in New Mexico, which represents only a portion of the wetlands thought to be in existence in the early 1800s. Historically, the value of wetlands and their functions or natural processes were not fully appreciated and wetlands were impacted by what was considered more productive uses: agricultural conversion; diversion of water for irrigation; residential and industrial development; logging; mining; and oil and gas production. The SWQB’s Wetlands Program administers CWA §104(b)(3) Wetland Program Development grants. The overall goals of the Wetlands Program are to protect and restore New Mexico’s remaining wetlands and riparian areas and to prevent additional wetland losses. The Wetlands Program works to increase self-sustaining and naturally functioning wetlands to their original extent especially targeting threatened, impacted and scarce wetlands types.

Wetlands are important features of the natural landscape because they function as filters that trap excess sediment, nutrient runoff and other pollutants, thereby improving water quality. They also mitigate extreme weather events common to New Mexico and becoming more common due to climate change, such as drought and flashfloods by allowing water to slow down and infiltrate, thus augmenting groundwater storage and aquifer recharge, and attenuating the power and intensity of flashfloods. Wetlands support vegetation that provides a moist green fire break in the event of wildfires. They serve as the headwater sources of perennial streams including some of our State’s outstanding streams and fisheries. Wildlife benefit greatly from wetlands, which support greater diversity of terrestrial and aquatic species. Their presence can also enhance property values in residential areas, as they provide a barrier to noise and urbanization.

Among the modern threats to New Mexico's wetlands are groundwater pumping that lowers already shallow water tables, invasive exotic plants and animals that are outcompeting natural species, and erosion and channelization of flow that dry out wetlands. This latter threat has severely impacted many of New Mexico's wetlands by limiting, and in many cases eliminating, the water/land relationship that would normally have allowed the establishment of wetland vegetation and ecosystems along river corridors. The results include the loss of natural flood attenuation, nutrient cycling, habitat connectivity, particulate retention, carbon sequestration, dynamic and long-term surface water storage, moderation of groundwater flow or discharge, and maintenance of vertebrate and invertebrate communities and habitat structure.



Starbuck Playa in 2015 in Curry County

In the southeastern part of New Mexico, there are many economically and ecologically valuable playas that serve as critical oasis-like over-wintering habitat for migratory birds within the North American Central Flyway. These waters provide habitat for the Northern Pintail which is a highest priority waterfowl species according to the North American Waterfowl Management Plan (USFWS 2004). They also provide habitat for 15 priority species of shorebirds listed in the U.S. Shorebird Conservation Plan for the Central Plains/Playa Lakes (Brown *et al.* 2001). These playas are used by other wildlife such as pronghorn antelope, and for irrigation

and livestock watering. They provide recreational opportunities such as hunting and bird watching. Recent research has also shown that these playas serve as groundwater recharge zones, and therefore serve to sustain local water sources.

The Wetlands Program emphasizes the role of wetlands in prevention and reduction of water quality impairments and providing habitat and life requirements for protected species and other wildlife. The primary objectives of the Wetlands Program include:

- Conducting identification of wetland types and baseline assessment throughout New Mexico;
- Implementing and administering wetlands restoration projects;
- Conducting an inventory of wetlands resources through landscape level mapping and classification, and working through a statewide mapping consortium;
- Promoting maintenance of instream flow to support streamside and floodplain wetlands and provide other water quality benefits;
- Promoting agricultural water use management and supporting wetlands as filtration systems for agricultural runoff;
- Promoting land management techniques to restore wetland-supporting beaver habitat;
- Increasing wetland acreage in New Mexico through the restoration and protection of wetland corridors;
- Determining the ecological condition of wetlands in New Mexico through the development and implementation of wetlands rapid assessment methods;
- Ensuring adequate protection of closed basin and isolated wetlands at the state level; and
- Participating in wetland/riparian education and outreach for schools and interest groups.

In 2019, the EPA accepted the updated Wetlands Program Plan for New Mexico²⁵ (WPP) as meeting the four required elements for such plans: monitoring and assessment; regulation; voluntary restoration and protection; and water quality standards for wetlands. Key activities to implement the WPP include:

- Developing and testing new methods that restore wetlands;
- Helping local watershed groups and communities develop Wetlands Action Plans throughout New Mexico to monitor, restore and protect wetlands, riparian and buffer areas at the local level;
- Implementing the State of New Mexico Assessment and Monitoring Program Strategy for Wetlands (NMED/SWQB 2013);
- Collecting and analyzing wetlands data using the New Mexico Rapid Assessment Method (NMRAM);
- Continuing to map and classify all wetlands in New Mexico including playas, isolated wetlands, and seeps and springs;
- Continuing to explore the relationship of groundwater and surface water flows that sustain wetlands; and
- Improving WQS that apply to wetlands.

The monitoring and assessment goals of the WPP include expanding our current inventory of wetlands resources across the state. Our landscape level wetlands assessment includes classifying wetlands using the National Wetlands Classification System (Cowardin et al. 1979) and the “Landscape Position, Landform, Waterbody Type, Water Flow Path (LLWW)” (Tiner 2011) classification for updating and inclusion in the National Wetlands Inventory. From these data and other natural resource data, wetland functions and ecosystem services are identified and mapped by wetland type, as well as the identification of subclasses of similar wetlands. Accurate and up-to date mapping of wetlands provides the basis for a greater understanding of wetland resources throughout the state to monitor changes and trends, identify rare wetland types, select mitigation sites and coordinate protection of wetlands by agencies and partners. In addition to inventory and classification of wetlands, the SWQB Wetlands Program is developing methods for wetlands assessment that lead to protection and provide a benchmark for restoration of the state’s wetlands resources. Assessment data from the NMRAM are providing the basis and justification for development of wetlands WQS and designated uses that will enable the state to more comprehensively protect wetlands. These data provide justification for preventing or eliminating stressors that will ultimately lead to increases in wetland quality. Training agency personnel, watershed group technicians, and other interested parties in NMRAM through our “All Hands” initiative will accelerate the collection of relevant data and expand the use of NMRAM to other wetlands in the same selected subclasses. The development of a New Mexico wetlands database integrated with other water quality data ensures that these data are available to stakeholders and the EPA. These assessment and monitoring initiatives include collaboration with agencies and stakeholders through advisory committees and the New



NMRAM data on the Rio Grande Floodplain, Valencia County

²⁵ https://www.env.nm.gov/wp-content/uploads/sites/25/2018/01/New_Mexico_Wetlands_Program_Plan_Update-Approved-4.9.2019.pdf

Mexico Wetlands Roundtables to ensure that the state’s overall wetland program develops comprehensively and in a coordinated manner.



Restored Wetlands in the Cebolla Canyon Closed Basin

Wetlands restoration is a crucial component of the WPP. Several restoration projects are occurring throughout New Mexico which include the assistance and collaboration of a variety of project partners and are funded by EPA Region 6 CWA §104(b)(3) Wetlands Program Development grants and the River Stewardship Program. Project activities include restoration of wet meadows and waterfowl habitat, restoration of wetlands on private land parcels, reestablishment of natural flooding, increasing wetland plant diversity and habitat diversity, removal of exotic vegetation, restoration of springs, planning for open-space and conservation

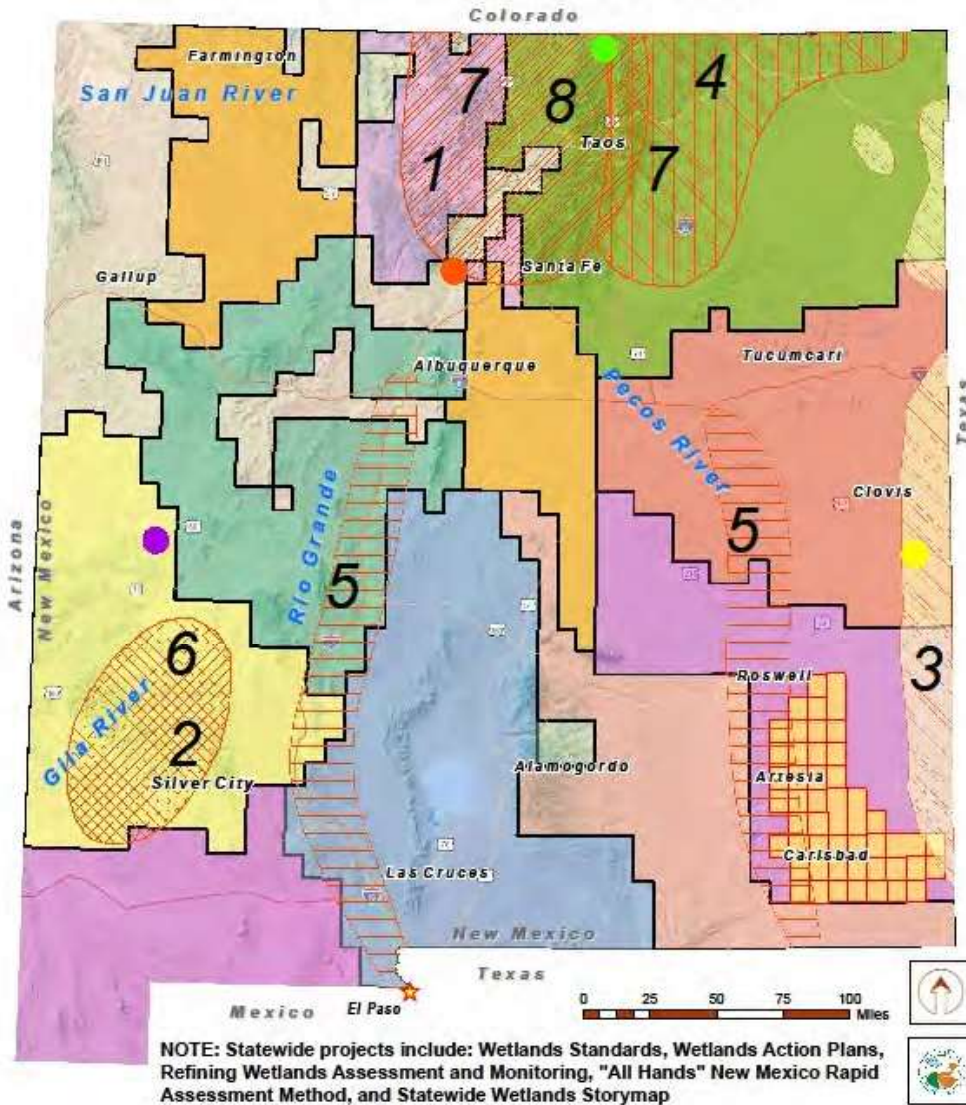
easements to protect wetland resources and buffer, restoring high mountain fen wetlands, development and demonstration of slope wetland restoration techniques, and conservation of playas and closed basin wetlands.

Figure 14 depicts active wetland projects conducted by the SWQB Wetlands Program in New Mexico. The programs, plans, projects and measures developed and implemented by the SWQB Wetlands Program and our statewide partners ensure that the biological, chemical, and physical integrity of New Mexico wetlands are adequately protected.

For more information on New Mexico Wetlands Program, visit:

<https://www.env.nm.gov/surface-water-quality/wetlands/>

New Mexico Wetlands Program



Mapping and Classification of Wetlands	New Mexico Rapid Assessment Method
<ul style="list-style-type: none"> Canadian (2016) Jemez Mountains (2016) Sacramento (2018) Gila (2020) BLM Mapping (2020) Middle Rio Grande (2020) San Juan and Estancia Basins (2021) Lower Rio Grande (2022) Boothel Permian (2024) Eastern Plains (2024) Federal Lands Tribal Lands 	<ol style="list-style-type: none"> 1. Montane Riverine Wetlands Upper Rio Grande 2. Montane and Lowland Riverine Wetlands Gila Watershed 3. Playas Wetlands – Eastern Plains 4. Montane Riverine Wetlands Canadian/Dry Cimarron 5. Lowland Riverine Wetlands Rio Grande/Pecos Rivers 6. New Mexico Springs 7. Confined Riverine Wetlands Upper Rio Grande/Canadian 8. Headwater Slope Wetlands North Central New Mexico <p>Current Wetland Demonstration Projects</p> <ul style="list-style-type: none"> ● Keyline Design for Restoration of Headwater Slope Wetlands, Holman Creek Wetlands Complex ● East Fork Jemez River Innovative Wetland Restoration Using Contour Swales, Sod Bowls and Sod Berms ● Demonstration Playa Cluster Watershed Group ● Depressional Wetlands Characterization, Cibola and Catron Counties

Figure 14. Approximate Location of Active Wetland Projects Conducted by the SWQB Wetlands Program in New Mexico

C. Special State Surface Water Concerns and Recommendations

Agencies and other stakeholders that implement New Mexico's water management programs work continuously to protect surface water quality. However, there are still many challenges in meeting the objectives of the CWA and the WQA. The Executive Summary provides a summary of current, significant challenges to water quality management in New Mexico, namely **climate change, stormwater management, and the 2020 Navigable Waters Protection Rule**. Below are additional significant surface water quality issues in New Mexico.

1. *Wildfires*

New Mexico has experienced a growing number of wildfires with increasing size and severity. Wildfires can produce significant watershed changes that may impact water quality, fish and other aquatic organisms, drinking water supplies and wastewater treatment systems. The primary water quality concerns after a wildfire are: (1) the introduction of sediment and debris into the surface waters; (2) the increase of nitrate and other plant nutrients from burned vegetation; (3) the introduction of radionuclides and heavy metals from ash, soils, and geologic sources; and (4) the introduction of fire retardant chemicals into waterbodies. The magnitude of these effects is largely dependent on the size, intensity, and severity of the fire, and on the condition (e.g., healthy or poor) of the watershed at the time of burning.

A watershed may take decades to completely recover from the effects of a wildfire, during which time the waters may exceed WQS for one or more pollutants. Assessing the water quality of an area after a wildfire can be challenging as it may be difficult to determine the cause of any impairments and the time at which fire-caused conditions are no longer influencing the watershed. Whether natural or human-caused, with the increasing frequency and magnitude of wildfires in response to drought and climate change, a standard approach for monitoring, assessing, and listing wildfire affected areas needs to be developed.

2. *Nutrient Reduction Strategy*

The EPA, through its National Water Program Guidance, continues to place a high priority on states addressing nutrient pollution and identifying nutrient-impaired waters through adoption of numeric water quality criteria for nitrogen and phosphorous in our nation's waters, although the EPA has allowed appropriate flexibility to states to make incremental improvements to address excess nutrients through other measures (Stoner 2011). As documented in the *New Mexico Nutrient Reduction Strategy* (NMED/SWQB 2014), New Mexico is currently not pursuing adoption of numeric nutrient criteria. Instead, New Mexico is pursuing continued refinement of numeric thresholds for our narrative criteria and associated listing methodologies. Specific accomplishments this listing cycle include:

- Incorporation of the collaborative EPA's Nutrient Scientific Technical Exchange Partnership and Support (N-STEPS) project (Jessup et. al 2015) findings to refine numeric nutrient threshold values in New Mexico's listing methodology for wadeable, perennial streams;
- Continued protection of water-quality limited segments in accordance with both state (20.6.4.8 NMAC) and federal (40 C.F.R. § 131.12) antidegradation policies and implementation procedures to ensure that Tier 1 waters (i.e., waters identified as "impaired") are not further degraded and that NPDES nutrient effluent limitations, at a minimum, protect existing instream uses;
- Continued improvements to nutrient TMDLs that recognize the nutrient threshold concentrations necessary to protect designated aquatic life uses while developing approaches to implement waste load allocations and load reductions that are achievable while neither over- nor under-protective; and

- Adoption of a Nutrient Temporary Standard for the City of Raton Wastewater Treatment Plant pursuant to 20.6.4.10.F NMAC to encourage incremental improvements in water quality and establish a clear path to compliance. This proposal considered the existing facility design as well as local economic and social factors. Both the NMWQCC and the EPA approved this temporary standard in 2020. Additional temporary standard demonstrations are under consideration.

3. Adequate Funding of Water Quality Programs

Adequate funding to protect all of New Mexico's surface water resources remains a perennial challenge. This concern is discussed in the below Financial Resource Analysis section.

VI. Financial Resource Analysis

A. Resources Applied to Surface Water Quality Management

Protecting and preserving water quality to ensure adequate, safe and reliable water resources for the long term is a top priority for the NMED. The quality of the state's water resources has an impact on every citizen and is linked to the economic vitality and quality of life New Mexicans cherish.

Like most states, New Mexico is faced with the challenge of addressing an array of complex surface water quality issues with limited financial resources. As the complexity of environmental needs continues to increase, there is an expectation that the SWQB will continue to meet and exceed the mandates of state and federal legislative and regulatory requirements with fewer resources to do so. This pressure makes it essential that New Mexico evaluate information regarding the fiscal implications and potential benefits of its water quality programs. While most are implemented by the SWQB, they are largely supported by the federal government. However, and as referenced throughout this report, there are also local, state, and even private resources that directly or indirectly affect the state's water quality. Table 7 summarizes the amount of funds the SWQB expended in state FY 2020 to implement a comprehensive water quality management program. Match dollars, provided through the River Stewardship Program or locally as cash or in-kind support for nonpoint source and wetland projects, is not included in this table.

Table 7. Estimated State Expenditures for New Mexico's Surface Water Quality Management Implemented Through NMED SWQB

Water Quality Management Program	Federal	State	Total
Monitoring & Assessment (Includes Water Quality Management Program, TMDL Development, and State Fish Advisories)	\$ 1,066,831	\$ 522,922*	\$ 1,589,754
Point Source Regulation	\$318,375	\$208,453*	\$526,829
Nonpoint Source Management	\$ 1,652,849	\$ 208,430	\$ 1,861,279
Wetlands Program	\$ 464,294	\$ 69,477	\$ 533,771
Water Quality Standards (includes planning and reporting activities)	\$ 159,188	\$ 104,227*	\$ 263,414
Total	\$ 3,661,537	\$ 1,113,509	\$ 4,775,046^

NOTES: The above numbers are based on NMED state FY 2020 actual expenditures.

* = funding includes State Level of Effort Match for CWA §106 Grant (\$220,084) and water quality sample analysis awarded as "work time units" (\$175,500)

^ = This amount has generally remained stagnant since 2011.

B. Capital Investments in Municipal Facilities

The estimated annual costs for operating and maintaining various sizes of wastewater treatment facilities in New Mexico is summarized in Table 8. Most of these operation and maintenance costs are funded through fees included in monthly water/sewer rates. Many entities do not include replacement cost in their rate structure; therefore, New Mexico is encouraging communities to utilize the Asset Management approach to rate setting. Asset

Management helps wastewater treatment systems prepare for both anticipated and unexpected problems by evaluating the system's current physical, financial, and managerial situation. It requires entities to make fundamental decisions about the water system's purpose, structure, and functions. For more information refer to *Asset Management: A Handbook for Small Water Systems* (EPA 2003a).

The NMED Construction Programs Bureau (CPB) administers the Clean Water State Revolving Fund (CWSRF), the Rural Infrastructure Revolving Loan Program (RIP), and the Special Appropriations Capital Outlay Program (SAP). The CWSRF provides funding for a variety of wastewater projects including nonpoint source and solid waste projects; the RIP provides funding for water, wastewater and solid waste projects; and the SAP oversees legislatively assigned water, wastewater and environmentally related projects. Technical assistance and oversight are provided for all projects to ensure environmentally sound, high quality projects free of waste, fraud and abuse. Table 9 summarized the programs administered by the CBP, and shows the amounts disbursed in state FY 2018 and FY 2019.

Table 8. Estimated Annual Operation and Maintenance Costs for Wastewater Treatment Facilities in New Mexico

Wastewater Treatment Plant Facility Size	Estimated Annual Operation and Maintenance Costs
Small WWTP < 1 MGD	\$300,000 per year
Medium WWTP 1-4 MGD	\$780,000 per year
Large WWTP > 5 MGD	\$1,500,000 per year

Source: Utility Operator Certification Program; MGD = million gallons per day

**Table 9. Summary of Improvement and Construction Costs for
New Mexico Water, Wastewater, and Solid Waste Facilities**

Program	Description	Funds Disbursed in FY 2018	Funds Disbursed in FY 2019
State Appropriations Program	State Legislature capital outlay appropriated for the construction of community water supply, wastewater facility, and solid waste facility projects.	\$ 25,122,189	\$ 7,941,622
Clean Water State Revolving Fund (CWSRF) Program	Revolving loan fund to provide a source of low-cost financing for a wide range of wastewater or storm drainage projects that protect surface and groundwater quality and public health. Funds may also be used for nonpoint source water pollution control projects, such as solid waste projects and septic tank installations	\$ 23,441,037	\$ 16,009,065
Rural Infrastructure Program	Revolving loan fund to provide financial assistance to local authorities for the planning, design, and construction or modification of water supply, wastewater, and solid waste facilities.	\$ 2,213,152	\$ 2,041,732
	Water-Related Projects TOTAL	\$ 50,776,378	\$ 25,992,419

Benefits of these expenditures can be seen directly and indirectly throughout communities in New Mexico. The state’s water quality programs, including expenditures for pollutant-reducing infrastructure, result in prevention of water quality degradation from point and NPS sources of pollution, protection of aquatic life and habitat in receiving streams, reduction of pollutant loads that could have financial and public health impacts in areas where surface water is a source of drinking water, increased public awareness regarding the need for water quality protection, and sustainable resource management practices.

The NMED DWB and New Mexico Finance Authority (NMFA) administer the Drinking Water State Revolving Loan Fund (DWSRLF), which provides low-cost loans to eligible public drinking water systems. The NMFA closed on seven loans in state FY 2020 totaling \$8,116,040, 12 loans in state FY 2019 totaling \$19,308,157, and 12 loans in state FY 2018 totaling \$11,855,733 (ten new loans and two amendments). Representative projects include repair and replacement of failing distribution lines, water treatment upgrades to maintain compliance with the SDWA, and the construction and rehabilitation of wells to ensure an adequate water supply.

C. Inadequate Funding of Water Quality Management

Protecting the nation’s water from pollution and contaminants relies on cooperation between EPA, states, and tribes; however, over the past decade state and federal funding for water quality programs has decreased (or remained flat) to a point where some basic services can no longer be sustained (see graph below). Core Water Protection program components include: water quality criteria, standards, and technology-based effluent guidelines; NPDES permitting and compliance; water quality monitoring and assessment; TMDLs; watershed management; water infrastructure and grants management; core wetlands programs, and CWA §106 program management, including groundwater protection. Even funding cuts in other agencies that are often thought of as peripheral to water quality management have an adverse effect

on water quality programs. For example, budget cuts in the New Mexico Department of Health have resulted in a 45% reduction in analytical services provided by the State Laboratory Division (SLD) to the NMED. Cuts and sweeps of state funding have resulted in placing more burden on federal grants to fill those gaps, but federal assistance grants are also on the chopping block.

Table 10 provides a break-down of the proposed FY 2021 National Water Program grants (dollars in thousands), which shows a **60% reduction in state assistance grants for key water quality programs in New Mexico**. Many of these grants also require state match.

Table 10. Categorical Program Grants²⁶

National Program and State Grant	FY 2019 Actuals	FY 2020 Enacted	FY 2021 PB	Delta FY 2021 PB – Est. FY 2020 ACR	% Change FY 2021 PB – FY 2020 ACR
Pollution Control (CWA §106)	\$224,097	\$223,289	\$153,683	(\$69,606)	-31.20%
Nonpoint Source (CWA §319)	\$166,360	\$172,348	\$0	(\$172,348)	-100.00%
Wetlands Program Development	\$12,773	\$14,183	\$9,762	(\$4,421)	-31.20%
TOTALS	\$403,230	\$409,820	\$163,445	(\$246,375)	-60%

NOTE: PB = President’s Budget, ACR = Annualized Continuing Resolution

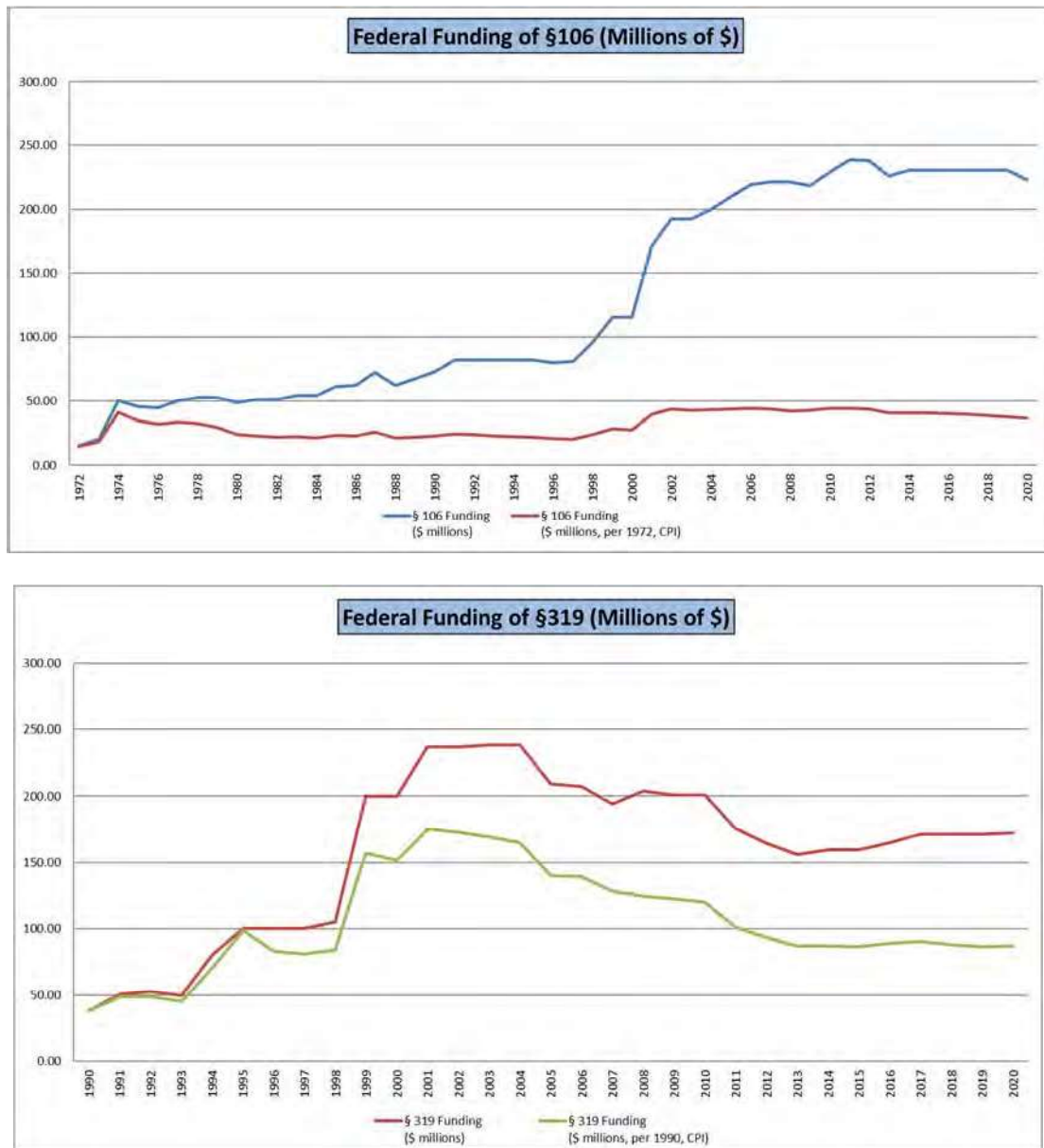
Cutting state assistance grants continues to seriously inhibit New Mexico’s ability to implement the CWA. Moreover, if water quality overall is poorer because CWA programs are limited then treatment of the water to achieve beneficial uses (such as safe drinking water, livestock watering, irrigation, wildlife habitat, and recreation) will cost more.

Here are the CWA programs in NM that are underfunded (or proposed to be cut):

1. Pollution Control (CWA §106) – This grant program provides federal assistance to states, tribes, and interstate agencies to establish and maintain programs for the prevention and control of surface and groundwater pollution from point and nonpoint sources.
2. Nonpoint Source (CWA §319) – This program provides grants to assist states and tribes in implementing approved elements of Nonpoint Source Programs including: regulatory and non-regulatory programs, technical assistance, financial assistance, education, training, technology transfers, and demonstration projects.
3. Wetlands Program Development (CWA §104(b)(3)) – This program provides technical and financial assistance to states, tribes, and local governments to support development or refinement of wetland programs through monitoring and assessment, voluntary restoration and protection, and wetland water quality standards in order to increase the overall acreage and condition of wetlands.

²⁶ From <https://www.epa.gov/sites/production/files/2020-02/documents/fy-2021-epa-bib.pdf>

Figure 15 demonstrates that although national some CWA funding did increase in the 1990s, funding levels adjusted for inflation have generally remained flat or declined starting around 2002.



NOTE: CPI = consumer price index (to adjust for inflation)

Figure 15. Federal CWA §106 and §319 Funding Over Time

As the arid southwest continues to experience drought conditions and changing climatic conditions, higher frequency and magnitude of wildfires, and other challenges related to urbanization, water quality management programs become all the more important. Elected officials, land managers, and other stakeholders have higher expectations of water quality agencies. These pressures run contrary to the funding profiles these agencies are experiencing.

Funding challenges exist on the state level as well. In the past, the NMED, NMOSE, U.S. Bureau of Reclamation, and the City of Albuquerque collectively funded the USGS to conduct ambient monitoring at approximately 20 stations that comprised the state's long-term surface water quality surveillance network. These USGS stations were located on the major stream systems of New Mexico and supported a variety of projects across the state. Unfortunately, due to cuts to NMED's operating budget, USGS sampling previously funded by the state was discontinued starting in state FY 2012, as NMED was the principal source of funding for several parameters at USGS gauges. This is a large loss to the state water quality monitoring community and hampers the SWQB's ability to detect and report long-term trends at key monitoring stations around the state.

VII. Public Participation and Agency Coordination

A. CWA §303(d)/ §305(b) Integrated Report Public Participation

All individuals living and working in the New Mexico affect water quality and are affected by water quality. Public awareness and involvement are therefore crucial to the successful implementation of water quality programs. New Mexico's water quality programs promote a multi-stakeholder, consensus-based public participation process. By actively pursuing and considering public input and involvement, New Mexico can more effectively effect changes in behavior and actively improve decision-making concerning water quality with greater public acceptance and support for those decisions.

There are several opportunities for public and other stakeholder participation in the development of the IR, from data collection through impairment determination and reporting. The public participation requirements of specific water quality programs are specified in 40 C.F.R. § 25.4 and described in the WQMP/CPP (NMWQCC 2020). At a minimum, the public participation process for New Mexico's water quality programs consists of the following:

- Providing the public with the information and assistance necessary for meaningful involvement;
- Providing a central location of reports, studies, plans, and other documents;
- Maintaining a list of affected or interested parties and stakeholders; and
- Notifying stakeholders in a timely fashion prior to consideration of major decisions (generally at least 30 days).

What is a Stakeholder?

For the purposes of this report, a stakeholder is defined as any organization, governmental entity, or individual that has a vested interest in or may be impacted by a state directed approach to environmental regulation, pollution prevention, or energy conservation.

Prior to development of the draft Integrated List for each listing cycle, the public has an opportunity to provide comments to the listing methodology (i.e., CALM) through a public participation process that includes a minimum 30-day public comment period with public notification as defined in the WQMP/CPP (NMWQCC 2020). The SWQB typically announces the "call for outside data" at the same time. The CALM used to develop the draft 2020-2022 Integrated List (Appendix A) was released for public comment in this manner. A draft of this listing methodology was opened for a 30-day public comment period from June 26 to July 25, 2019. Comments received were reviewed, considered, and incorporated as deemed appropriate.

The public participation associated with the development of the Integrated List (Appendix A) included notifying stakeholders of a 45-day public comment period July 27 - September 10, 2020. Public notices were posted to NMED's website and sent through the GovDelivery e-mail delivery service. The SWQB responded in writing to each comment received in Appendix C of the IR. These responses were forwarded to all commenters prior to the NMWQCC meeting.

B. Coordination with state and federal government agencies

Successful surface water quality management and protection is founded on cooperative interaction between the federal, state, local, and tribal levels of government, and between the public and private sectors. In particular, the NPS Management Program relies on established resource protection programs, national and state NPS pollution prevention programs, and activities of other land management and resource protection agencies to address NPS pollution. New Mexico identifies programs and activities that

will facilitate the achievement of surface water quality criteria, using a voluntary approach to implement water quality improvements due to non-point sources. In addition to NMED, numerous other New Mexico and federal agencies conduct activities that utilize, protect, and restore surface water quality, including but not limited to:

- Office of the State Engineer (NMOSE);
- Interstate Stream Commission (NMISC);
- Department of Game and Fish (NMDGF);
- Department of Agriculture (NMDA);
- Energy, Minerals, and Natural Resources Department (EMNRD);
- Department of Health (NMDOH);
- Oil Conservation Commission (OCD);
- U.S. Army Corps of Engineers (USACE);
- U.S. Bureau of Land Management (USBLM);
- U.S. Bureau of Reclamation (USBOR);
- U.S. Forest Service (USFS);
- Natural Resources Conservation Service (NRCS); and
- Soil and Water Conservation Districts (SWCDs).



Northern Wetlands Roundtable, Santa Fe, 2018

These and other agencies work with stakeholders during development and implementation of water quality management activities. Coordination is crucial and focuses on informing and including stakeholders on water quality management related activities, seeking input, soliciting data and information, and working with stakeholders to implement solutions to water quality problems and concerns. For example, the Wetlands Program coordinates and facilitates the New Mexico Wetlands Roundtable consisting of state, federal, and tribal agency participants, and NGO partners such as the New Mexico Riparian Council, Society of Wetland Scientists Rocky Mountain Chapter, Albuquerque Wildlife Federation and the New Mexico Wildlife

Federation. The New Mexico Wetlands Roundtable is conducted four times a year, twice in the spring, and twice in the fall, one each in southern (Las Cruces) and northern (Santa Fe) New Mexico.

Regular coordination between the USFS and the SWQB continues to be an integral part of the NPS Management Program and has facilitated cooperation on many successful NPS pollution reduction projects. As mentioned in the state certification section above, the NPS Management Program also coordinates with the USACE to implement the State's CWA §401 certification responsibilities for CWA §404 permits.

Additionally, numerous stakeholder focus groups have been developed for specific issues and meet on a regular basis to coordinate efforts. The NMED participates in many of these groups to address a variety of water quality issues. Examples of such groups include the New Mexico Municipal League Environmental

Quality Association, the New Mexico Forest and Watershed Health Coordinating Group, and individual watershed groups' regular meetings, such as the Middle Rio Grande Water Quality Workgroup.

C. Fish Consumption Advisory Program

Fish are a lean, low-calorie source of protein, and can be an important part of a balanced diet. However, some fish may contain contaminants that, when consumed in certain quantities, could pose health risks. When contaminant levels may be unsafe, consumption advisories recommend that people limit or avoid eating certain species of fish caught in certain places. NMDOH, NMDGF, and the SWQB work together to implement New Mexico's Fish Consumption Advisory Program. The EPA considers fish or shellfish consumption advisories and supporting fish tissue data to be existing and readily available data that demonstrate non-attainment of CWA goals stating that waters should be "fishable" (CWA §101(a), EPA 2005). The basis for fish consumption impairments each listing cycle is the most recent, available fish consumption advisories at the time the IR drafted, except in cases where there is a consumption advisory due to mercury but available fish tissue data indicate New Mexico's methylmercury criterion of 0.3 mg/kg in fish tissue is not exceeded²⁷.



Electrofishing in a New Mexico

The Program's monitoring strategy involves screening a select number of sites for chemical contamination where sport, subsistence, or commercial fishing is conducted. Site selection is prioritized based on areas where it is known that a large number of fish are harvested or where there are known or suspected contamination issues. This screening helps identify those waters where fish tissue contamination may pose unacceptable health risks to human consumers.

Fish consumption advisories relay fish tissue contamination information to the public. These advisories are only guidelines and do not constitute legal restrictions that prevent

people from eating contaminated fish from New Mexico lakes and streams. Fish consumption advisories pertain to consumption of fish only. There are no known contaminant-related health risks associated with activities such as camping, swimming, boating, or handling fish in areas where there are fish consumption advisories.

Currently, advisories have been issued for mercury, DDT and PCBs in fish tissue at several reservoirs, lakes and rivers (NMDOH *et al.*, 2020). The New Mexico Game Commission rescinded the catch-and-release only rule for Brantley Lake, effective April 1, 2018. There will still be a fish consumption advisory for DDT.

New Mexico fish consumption advisories are available online at: <https://www.env.nm.gov/surface-water-quality/fish-consumption-advisories/>

²⁷ <https://www.env.nm.gov/surface-water-quality/calm/>

D. Additional SWQB Outreach Efforts

The SWQB supports or implements several outreach activities throughout the year, including but not limited to:

- Publishing the quarterly newsletter *Clearing the Waters*²⁸;
- Preparing BMP brochures and other water quality topics for conferences and stakeholders;
- Developing and maintaining the extensive SWQB web site²⁹;
- Coordinating and/or participating in several on-the-ground restoration workshops;
- Soliciting stakeholder input of important guiding SWQB documents such as upcoming revisions to the Nonpoint Source Management Plan;
- Presenting on a variety of surface water quality issues and programs at various state and national workshops and meetings; and
- Presenting at school and community events such as the *Rio Rancho Children's Water Festival* and the *Santa Fe Children's Water Fiesta*.



Quivira Coalition building one-rock dams to capture sediment and raise water table in slope wetlands in the Comanche Creek Watershed

²⁸ <https://www.env.nm.gov/surface-water-quality/newsletters/>

²⁹ <https://www.env.nm.gov/surface-water-quality/>



SWQB staff teach Rio Rancho fourth graders about the water cycle, water conservation, and watershed health, October 2019

VIII. References

- Brown, S., C. Hickey, B. Harrington, R. Gill, Ed. 2001. United States Shorebird Conservation Plan. Manomet Center for Conservation Sciences. Manomet, MA.
- Cowardin, Lewis M., et al. 1979. Classification of wetlands and deepwater habitats of the United States. US Department of the Interior, US Fish and Wildlife Service, 1979. Available at: https://scholar.google.com/scholar?hl=en&q=National+Wetlands+Classification+System+%28Cowardin+et+al.+1979%29&btnG=&as_sdt=1%2C32&as_sdtp=.
- Jessup, B.K., S. Joseph, B. Dail, L. Guevara, S. Lemon, S. Murray, F. John, J. Oliver, L. Yuan, C. Patrick, M. Maier, and M. Paul. 2015. New Mexico nutrient thresholds for perennial Wadeable streams. August 21, 2015. Prepared in cooperation with the New Mexico Environment Department, and the U.S. EPA Region 6 and the N-STEPS Program. Tetra Tech, Inc., Montpelier, VT. Available at: <https://www.env.nm.gov/swqb/Nutrients/>.
- Mosley, Luke M. 2015. Drought impacts on the water quality of freshwater systems; review and integration. Earth-Science Reviews. Volume 140, January 2015, pp. 203-214.
- New Mexico Department of Health, New Mexico Environment Department, and New Mexico Department of Game and Fish (NMDOH et al.). 2020. Fish Consumption Advisories. Available at: <https://www.env.nm.gov/surface-water-quality/fish-consumption-advisories/>.
- New Mexico Environment Department/Surface Water Quality Bureau (NMED/SWQB). 2013. State of New Mexico Assessment and Monitoring Program Strategy for Wetlands. Santa Fe, NM. Available at: <https://www.env.nm.gov/surface-water-quality/wetlands/>.
- _____. 2014. State of New Mexico Nutrient Reduction Strategy for protecting and improving water quality. Santa Fe, NM. Available at: <https://www.env.nm.gov/surface-water-quality/nutrients/>.
- _____. 2015. Final Draft Prioritization Framework and Long-Term Vision for Water Quality in New Mexico. Santa Fe, NM. Available at: <https://www.env.nm.gov/surface-water-quality/tmdl/>.
- _____. 2016. *State of New Mexico Surface Water Quality Bureau 10-Year Monitoring and Assessment Strategy*. Santa Fe, NM. Available at: https://www.env.nm.gov/wp-content/uploads/sites/25/2019/10/10-yearmonitoringplan_FINAL_June2016.pdf.
- _____. 2019. New Mexico Nonpoint Source Management Program. Santa Fe, NM. Available at: <https://www.env.nm.gov/surface-water-quality/nps-plan/>.
- New Mexico Office of the State Engineer (NMOSE). 2010. Water Use By Categories 2010. New Mexico Office of the State Engineer Technical Report 54. Santa Fe, NM. Available at: <http://www.ose.state.nm.us/Pub/TechnicalReports/TechReport%2054NM%20Water%20Use%20by%20Categories%20.pdf>.
- New Mexico Office of the State Engineer/Interstate Stream Commission (NMOSE/NMISC). 2018. New Mexico State Water Plan. Santa Fe, NM. Available at: <https://www.ose.state.nm.us/Planning/swp.php>.

New Mexico Water Quality Control Commission (NMWQCC). 2020. State of New Mexico Statewide Water Quality Management Plan and Continuing Planning Process. Santa Fe, New Mexico. Available at: <https://www.env.nm.gov/surface-water-quality/protocols-and-planning/>.

Stoner, N K. 2011. Working in Partnership with States to Address Phosphorus and Nitrogen Pollution through Use of a Framework for State Nutrient Reductions Memo to Regional Administrators, U.S. Environmental Protection Agency, Regions 1–10. 16 March 2011.

United States Environmental Protection Agency (EPA). 1997. Guidelines for preparation of the comprehensive state water quality assessments (305(b) reports) and electronic uptakes. EPA-841-B-97-002A. Washington, D.C.

_____. 2003a. Asset Management: A Handbook for Small Water Systems 2003. (4606M) EPA 816-R-03-016. Office of Water. Available at: http://epa.gov/safewater/smallsystems/pdfs/guide_smallsystems_asset_mgmnt.pdf.

_____. 2003b. Elements of a state water monitoring and assessment program. Assessment and Watershed Protection Division, Office of Wetlands, Oceans, and Watersheds. March. EPA 841-B-03-003. Washington, D.C.

_____. 2005. Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act. Office of Water. Washington, D.C. Available at: <https://www.epa.gov/sites/production/files/2015-10/documents/2006irg-report.pdf>.

_____. 2013. Nonpoint Source Program and Grants Guidelines for States and Territories. Issued on April 12, 2013. Available at: <https://www.epa.gov/sites/production/files/2015-10/documents/319-guidelines-fy14.pdf>.

_____. 2017a. Information Concerning 2018 Clean Water Act Sections 303(d), 305(b), and 314 Integrated Reporting and Listing Decisions. Memorandum dated December 22, 2017. Office of Wetlands, Oceans, and Watersheds. Washington, D.C. Available at: <https://www.epa.gov/tmdl/integrated-reporting-guidance>.

_____. 2017b. NPDES Compliance Inspection Manual. EPA publication number —305-K-17-001. Interim revised version, January. Available at: <https://www.epa.gov/sites/production/files/2017-01/documents/npdesinspect.pdf>.

United States Bureau of Land Management (USBLM). 2016. New Mexico Land Ownership Dataset. New Mexico State Office. Santa Fe, NM.

United States Bureau of Reclamation (USBOR). 1976. New Mexico State Resources Assessment for Planning Purposes. United States Department of the Interior.

United States Fish and Wildlife Service (USFWS). 2004. North American Waterfowl Management Plan 2004. Implementation Framework: Strengthening the Biological Foundation. Canadian Wildlife Service, U.S. Fish and Wildlife Service, Secretaria de Medio Ambiente y Recursos Naturales, 106 pp.

United States Geological Survey (USGS). 2018. National Hydrography Dataset (NHD) Plus High Resolution for the State of New Mexico (published 20180813), accessed February 20, 2020 at URL [https://viewer.nationalmap.gov/basic/?basemap=b1&category=nhd&title=NHD%20View.](https://viewer.nationalmap.gov/basic/?basemap=b1&category=nhd&title=NHD%20View)

Appendices

Appendix A—Integrated List

Appendix B—Designated Use Attainment, Sources, and Causes Tables

Appendix C—Response to Comments

2020-2022
State of New Mexico
Clean Water Act
§303(d)/§305(b)
Integrated Report

Appendix A
Integrated List

Prepared by:

New Mexico Environment Department

Surface Water Quality Bureau

1190 St. Francis Drive

Santa Fe, New Mexico 87505

<https://www.env.nm.gov/surface-water-quality/>



**2020-2022 STATE OF NEW MEXICO
CLEAN WATER ACT §303(D)/ §305(B)
INTEGRATED LIST OF ASSESSED SURFACE WATERS**

PREFACE

I. Format and Organization of Integrated List and Assessment Rationale

In 2013, the New Mexico Environment Department (NMED) merged the Surface Water Quality Bureau's (SWQB) in-house water quality database with NMED's *Assessment Database* to create the *Surface water Quality Information Database* (SQUID) so both data and assessment conclusions could be housed in one database. The SWQB took this opportunity to also re-design and streamline the *CWA §303(d)/§305(b) Integrated Report: Appendix A List of Assessed Waters* (Integrated List) format for ease of review, to incorporate additional information, and to reduce the total number of pages. The associated Assessment Rationale (previously called the *Record of Decision* or ROD) that houses additional details on any water body or Assessment Unit (AU) that is currently or has ever been documented as "impaired" is also now housed in SQUID. If there was no action on a specific impaired AU during a particular listing cycle, there may be no entry for that cycle.

The Upper Rio Grande and San Juan River watersheds were surveyed by the SWQB in 2017-2018 and hence are the primary focus of revised or retained assessment conclusions in the Integrated List for this 2020-2022 cycle. Other datasets that were either submitted or acquired this cycle and assessed as reported include:

- 2015-2019 EPA and USGS Animas and San Juan Rivers data download from the Water Quality Portal¹,
- 2019 Chevron Questa Mine Superfund Site Red River data submitted by the NMED Groundwater Quality Bureau,
- 2017-2018 Ciudad Soil and Water Conservation District Rio Grande (Isleta Pueblo to Angostura Diversion) data,
- 2015-2019 Los Alamos National Laboratory Sandia Canyon (Sigma Canyon to NPDES outfall 001) data,
- 2015-2019 Los Alamos National Laboratory and NMED DOE Oversight Bureau Rio Grande (Cochiti Reservoir to San Ildefonso boundary) data download from Intellus New Mexico²,
- 2017-2018 data for various stream reaches in and around Taos and Red River collected by Sentinels-Rio de Taos and submitted by Amigos Bravos,
- 2017-2018 data collected and submitted by the Upper Pecos Watershed Association in conjunction with Pathfinder Environmental, LLC., and
- 2016-2019 data submitted by the Middle Rio Grande Technical Advisory Committee (MRG TAG).

The assessment conclusions in non-focus areas based on data from previous rotational surveys and

¹ <https://www.waterqualitydata.us/>

² <https://www.intellusnm.com/>

previously submitted outside data are typically carried over to the next list until more current data are available to assess unless, for example, a water quality standard change or a significant listing methodology change necessitates a re-assessment.

All AUs are assigned IR categories as described in New Mexico’s Comprehensive Assessment and Listing Methodology (CALM)³. AUs noted with IR Category 5A, 5B, or 5C on the Integrated List in Appendix A comprise New Mexico’s official CWA §303(d) List of Impaired Waters. A listing of Category 5-only waters is included in the beginning of Appendix A. To see details on a specific AU, refer to the particular AU entry on the full Integrated List in Appendix A and associated assessment rationale entry.

Starting with the 2018-2020 IR, each AU entry on the Integrated List now also contains a “PARAMETER IR CATEGORY.” This useful field provides additional planning information regarding each particular cause of impairment or AU_cause pair. For example, a parameter IR category of 5B lets the user know that a review of the applicable water quality standard is needed prior to scheduling TMDL development. New Mexico has several temperature listings that fall under the 5B parameter IR category.

New Mexico’s Integrated List also includes an estimated year in the “TMDL DATE” field for all parameter IR category 5A AU_cause pairs. The estimated year is generally based on the SWQB’s rotational monitoring schedule, prioritization strategy in the SWQB’s long-term vision document (NMED/SWQB 2015), and severity of the impairment. The “TMDL DATE”, as well as the projected “MONITORING SCHEDULE” year, is ultimately dependent upon personnel and financial resources which can change on an annual basis. If a TMDL has already been developed for the noted cause of impairment, the EPA TMDL approval date (MM/DD/YYYY) is reported in the TMDL date field.

II. Useful Definitions

INTEGRATED LIST FIELD HEADINGS AND CODES --

ASSESSED	This field generally notes the last Integrated Reporting Cycle when data for this particular watershed were assessed and reported.
Assessment Unit (AU)	Descriptive name of a specific waterbody (stream reach or lake). Limited to 60 characters.
ATTAINMENT	The use attainment status for the associated USE (Fully Supporting, Not Supporting, Not Assessed)
ASSESSED	This field generally notes the last Integrated Report Cycle when data for this particular watershed were assessed and reported.
AU ID	An internal database code that is unique to an assessment unit, and is not intended to provide any specific information to the reader of the list.

³ <https://www.env.nm.gov/surface-water-quality/calm/>

CAUSE(S)	Parameters and/or constituents that are causing non-attainment of the associated USE
DO	The amount of dissolved oxygen in the water; usually reported in mg/L.
<i>E. coli</i>	Abbreviation of <i>Escherichia coli</i> . These bacteria found in the environment, foods, and intestines of people and animals.
FIRST LISTED	This field generally notes the first Integrated Reporting Cycle when the associated impairment was noted.
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 (AU)	Overall water quality standards attainment category for each assessment unit as determined by combining individual designated use support decisions. The unique IR categories for New Mexico are described as follows as follows:
IR Category (Parameter)	Water quality standards attainment category for each listed cause of impairment. The unique IR 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 3/3A	Insufficient of no reliable monitored data and/or information to determine if any designated or existing use is attained. No data available -- AUs are listed in this subcategory when there are no available data to assess. These are considered high priority for follow up monitoring.
IR Category 3/3B	Insufficient monitored data and/or information to determine if any designated or existing use is attained. Limited data (n = 1 to 3) available,

no exceedences -- AUs are listed in this subcategory when there are no exceedences of any applicable criteria in the limited data set. Their priority for follow up monitoring depends on the parameter and concentration (for example, measurements near the criteria would increase the priority for additional sampling).

IR Category 3/3C

Insufficient monitored data and/or information to determine if any designated or existing use is attained. Limited data (n = 1 to 3) available, exceedence(s) -- AUs are listed in this subcategory when there are exceedences of one or more applicable criteria in the limited data set. These are considered high priority for follow up monitoring.

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 IR 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 IR 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 IR Category 5A and a TMDL will be scheduled.

IR Category 5/5C

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

LOCATION DESCRIPTION

The name of the 8-digit Hydrologic Unit Code (HUC) watershed of the assessment unit as defined by the United States Geologic Survey.

MONITORING SCHEDULE

These proposed dates are primarily based on SWQB's most recent rotational watershed monitoring schedule. This date, as well as the "TMDL DATE" date, is ultimately dependent upon personnel, financial, and laboratory resources which change on an annual basis.

NS

Non Support or Not Supporting

PCBs

Polychlorinated biphenyls; highly-persistent compounds that are fat soluble and accumulate in the food chain

PROBABLE SOURCE(S)

This field contains either 1) "Source Unknown" if no TMDLs have yet been developed, or 2) the Probable Sources noted in associated TMDLs that may be contributing to the noted impairment(s).

SC

specific conductance

SIZE

Streams and/or rivers = Miles, Lakes and/or playas = Acres, per EPA's current reporting requirement

TMDL

Total Maximum Daily Load

TMDL DATE

This field contains either 1) future estimated ("est.") TMDL development year primarily based on SWQB's rotational monitoring schedule, prioritization schedule, date since last intensively surveyed, upcoming permit renewals, etc.; 2) the EPA TMDL approval date (MM/DD/YYYY) if a TMDL has already been developed and approved; or 3) nothing if the water quality standard is under review (IR Category 5B) or additional data are needed (IR Category 5C). This date, as well as the "Monitoring Schedule" date, is ultimately dependent upon personnel and financial

resources which change on an annual basis.

TR

total recoverable

USE

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 exist but are not officially designated in NMAC are also listed here with a note in "Assessment Unit Comments."

WATER TYPE

This field contains the EPA-defined water type that most accurately describes the "normal" hydrologic character of the assessment unit to the best of SWQB's knowledge given available flow data, GIS layers, and Hydrology Protocol survey results (where available).

WQS REF

Applicable 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.

III. 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
BNSF	=	Burlington Northern – Santa Fe
Campgrd	=	Campground
Ck	=	Creek
Cny	=	Canyon
CO	=	Colorado
CR	=	County Road
confl	=	confluence
Div	=	Diversion
E	=	East
Fk	=	Fork
FS	=	Forest Service (usually road)
hdwtrs	=	headwaters
HWY	=	Highway
I	=	Interstate highway
Irr	=	irrigation
LANL	=	Los Alamos National Laboratory
M	=	Middle
mi	=	mile
N	=	North
NM	=	New Mexico
nr	=	near
NWR	=	National Wildlife Refuge
OK	=	Oklahoma
prt	=	Portion (i.e., reaches)
R	=	River or Rio
rd	=	road
RR	=	railroad
Rsvr	=	Reservoir
S	=	South
SFNF	=	Santa Fe National Forest
Spr	=	Spring
SR	=	state road
trib	=	tributary
TX	=	Texas
VCNP	=	Valles Caldera National Preserve
xing	=	crossing
USFS	=	United States Forest Service
W	=	West
WWTP	=	waste water treatment plant

2020 State of New Mexico §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 River (Oak Creek to headwaters)

HUC: 11080001 - Canadian Headwaters

- Canadian River (Chicorica Creek to CO border)
- Lake Maloya
- Maxwell Lake 13
- Stubblefield Lake
- VanBremmer Creek (HWY 64 to headwaters)
- Vermejo River (Rail Canyon to York Canyon)
- York Canyon (Vermejo R to Left Fork York Canyon)

HUC: 11080002 - Cimarron

- American Creek (Cieneguilla Creek to headwaters)
- Cimarron River (Canadian River to Ponil Creek)
- Cimarron River (Cimarron Village to Turkey Creek)
- Cimarron River (Turkey Creek to Eagle Nest Lake)
- Eagle Nest Lake
- Greenwood Creek (Middle Ponil Creek to headwaters)
- North Ponil Creek (Seally Canyon to headwaters)
- Ponil Creek (Cimarron River to HWY 64)
- Ponil Creek (HWY 64 to confl of North and South Ponil)
- Rayado Creek (Cimarron River to Miami Lake Diversion)
- Saladon Creek (Cieneguilla Creek to headwaters)
- Shuree Pond (North)
- Springer Lake

HUC: 11080003 - Upper Canadian

- Charette Lake (Lower)
- Charette Lake (Upper)
- Wheaton Creek (Manuelas Creek to headwaters)

HUC: 11080004 - Mora

- Coyote Creek (Black Lake to headwaters)
- Rito Cebolla (Mora River to Rito Morphy)
- Sapello River (Mora River to Arroyo Jara)

HUC: 11080005 - Conchas

- Conchas Reservoir

HUC: 11080006 - Upper Canadian-Ute Reservoir

- Canadian River (TX border to Ute Reservoir)
- Canadian River (Ute Reservoir to Conchas Reservoir)
- Ute Reservoir

HUC: 11080008 - Revuelto

- Revuelto Creek (Canadian River to headwaters)

HUC: 11100101 - Upper Beaver

- Clayton Lake

HUC: 13010005 - Conejos

- Beaver Creek (Rio de los Pinos to headwaters)
- Canada Tio Grande (Rio San Antonio to headwaters)
- Rio Nutritas (Rio San Antonio to headwaters)
- Rio San Antonio (CO border to Montoya Canyon)
- Rio San Antonio (Montoya Canyon to headwaters)
- Rio de los Pinos (New Mexico reaches)

HUC: 13020101 - Upper Rio Grande

- Acid Canyon (Pueblo Canyon to headwaters)
- Arroyo del Palacio (Rio Grande to headwaters)
- Bitter Creek (Red River to headwaters)
- Cabresto Creek (Red River to headwaters)
- Cabresto Lake
- Canada Agua (Arroyo La Mina to headwaters)
- Chuckwagon Creek (Comanche Creek to headwaters)
- Comanche Creek (Costilla Creek to headwaters)
- Costilla Creek (CO border to Diversion abv Costilla)
- Costilla Creek (Comanche Creek to Costilla Dam)
- Costilla Creek (Diversion abv Costilla to Comanche Creek)
- DP Canyon (Grade control to upper LANL bnd)
- DP Canyon (Los Alamos Canyon to grade control)
- Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)
- Embudo Creek (Rio Grande to Canada de Ojo Sarco)
- Fernandez Creek (Comanche Creek to headwaters)
- Goose Lake
- Graduation Canyon (Pueblo Canyon to headwaters)
- Grassy Creek (Comanche Creek to headwaters)

2020 State of New Mexico §303(d) List of Impaired Surface Waters

- Holman Creek (Comanche Creek to headwaters)
- LaBelle Creek (Comanche Creek to headwaters)
- Los Alamos Canyon (DP Canyon to upper LANL bnd)
- Los Alamos Canyon (NM-4 to DP Canyon)
- North Fork Tesuque Creek (Tesuque Creek to headwaters)
- Pioneer Creek (Red River to headwaters)
- Placer Creek (Red River to headwaters)
- Pojoaque River (San Ildefonso bnd to Pojoaque bnd)
- Pueblo Canyon (Acid Canyon to headwaters)
- Pueblo Canyon (Los Alamos Canyon to Los Alamos WWTP)
- Pueblo Canyon (Los Alamos WWTP to Acid Canyon)
- Red River (Placer Creek to East Fork Red River)
- Red River (Rio Grande to Placer Creek)
- Rio Chupadero (USFS bnd to headwaters)
- Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at canyon)
- Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)
- Rio Frijoles (Rio Medio to Pecos Wilderness)
- Rio Grande (Embudo Creek to Rio Pueblo de Taos)
- Rio Grande (Ohkay Owingeh bnd to Embudo Creek)
- Rio Grande (Rio Pueblo de Taos to Red River)
- Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)
- Rio Grande del Rancho (R Pueblo de Taos to Rito de la Olla)
- Rio Medio (Rio Frijoles to headwaters)
- Rio Nambe (Nambe Pueblo bnd to headwaters)
- Rio Pueblo (Picuris Pueblo bnd to headwaters)
- Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)
- Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)
- Rio Quemado (Rio Arriba Cnty bnd to headwaters)
- Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)
- Rio en Medio (Aspen Ranch to headwaters)
- Sanchez Canyon (Costilla Creek to headwaters)
- Santa Cruz Lake
- Santa Cruz River (Santa Clara Pueblo bnd to Santa Cruz Dam)
- Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)
- South Fork Acid Canyon (Acid Canyon to headwaters)
- Ute Creek (Costilla Creek to headwaters)
- Vidal Creek (Comanche Creek to headwaters)
- Walnut Canyon (Pueblo Canyon to headwaters)

HUC: 13020102 - Rio Chama

- Abiquiu Reservoir
- Arroyo del Toro (Rio Chama to headwaters)
- Burns Lake (Rio Arriba)
- Canada de Horno (Rio Chama to headwaters)
- Canjilon Ck (Perennial portions Abiquiu Rsvr to headwaters)
- Canones Creek (Abiquiu Rsvr to Chihuahueros Ck)
- Canones Creek (Rio Chama to Jicarilla Apache bnd)
- Chihuahueros Creek (Canones Creek to headwaters)
- Coyote Creek (Rio Puerco de Chama to headwaters)
- El Rito Creek (Perennial reaches HWY 554 to headwaters)
- El Rito Creek (Perennial reaches Rio Chama to HWY 554)
- Heron Reservoir
- Hopewell Lake
- Placer Creek (Hopewell Lake to headwaters)
- Poleo Creek (Rio Puerco de Chama to headwaters)
- Rio Nutrias (Perennial prt Rio Chama to headwaters)
- Rio Ojo Caliente (Arroyo El Rito to Rio Vallecitos)
- Rio Puerco de Chama (Abiquiu Reservoir to HWY 96)
- Rio Tusas (Perennial prt Rio Vallecitos to headwaters)
- Rio del Oso (Rio Chama to Canada del Cerro)
- Rito Encino (Rio Puerco de Chama to headwaters)
- Rito de Tierra Amarilla (HWY 64 to headwaters)
- Rito de Tierra Amarilla (Rio Chama to HWY 64)
- Sixto Creek (Rio Chamita to CO border)

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)
- Canada del Buey (within LANL)
- Canon de Valle (LANL gage E256 to Burning Ground Spr)
- Canon de Valle (below LANL gage E256)
- Canon de Valle (upper LANL bnd to headwaters)
- Chaquehui Canyon (within LANL)
- Mortandad Canyon (within LANL)
- North Fork Ancho Canyon (Ancho Canyon to headwaters)
- Pajarito Canyon (Lower LANL bnd to Two Mile Canyon)
- Pajarito Canyon (Two Mile Canyon to Arroyo de La Delfe)

2020 State of New Mexico §303(d) List of Impaired Surface Waters

- Pajarito Canyon (upper LANL bnd to headwaters)
- Pajarito Canyon (within LANL above Starmers Gulch)
- Potrillo Canyon (above Water Canyon)
- Rio Grande (Cochiti Reservoir to San Ildefonso bnd)
- Rio Grande (non-pueblo Angostura Div to Cochiti Rsrv)
- Rito de los Frijoles (Rio Grande to headwaters)
- Sandia Canyon (Sigma Canyon to NPDES outfall 001)
- Sandia Canyon (within LANL below Sigma Canyon)
- Santa Fe River (Cienega Creek to Santa Fe WWTP)
- Santa Fe River (Cochiti Pueblo bnd to Cienega Creek)
- Santa Fe River (Guadalupe St to Nichols Rsvr)
- Santa Fe River (Nichols Reservoir to headwaters)
- Santa Fe River (Santa Fe WWTP to Guadalupe St)
- Ten Site Canyon (Mortandad Canyon to headwaters)
- Three Mile Canyon (Pajarito Canyon to headwaters)
- Two Mile Canyon (Pajarito to headwaters)
- Water Canyon (upper LANL bnd to headwaters)
- Water Canyon (within LANL below Area-A Cyn)

HUC: 13020202 - Jemez

- Calaveras Creek (Rio Cebolla to headwaters)
- Clear Creek (Rio de las Vacas to San Gregorio Lake)
- Clear Creek (San Gregorio Lake to headwaters)
- 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)
- Jemez River (Zia Pueblo bnd to Jemez Pueblo bnd)
- La Jara Creek (East Fork Jemez to headwaters)
- Redondo Creek (Sulphur Creek to headwaters)
- Rio Cebolla (Fenton Lake to headwaters)
- Rio Cebolla (Rio de las Vacas to Fenton Lake)
- Rio Guadalupe (Jemez River to confl with Rio Cebolla)
- Rio de las Vacas (Clear Creek to headwaters)
- Rito Penas Negras (Rio de las Vacas to headwaters)
- Rito de las Palomas (Rio de las Vacas to headwaters)
- Rito de los Indios (San Antonio Creek to headwaters)

2020 State of New Mexico §303(d) List of Impaired Surface Waters

- San Antonio Creek (East Fork Jemez to VCNP bnd)
- San Antonio Creek (VCNP bnd to headwaters)
- San Gregorio Lake
- Sulphur Creek (Redondo Creek to headwaters)
- Sulphur Creek (San Antonio Creek to Redondo Creek)
- Vallecito Ck (Jemez Pueblo bnd to Div abv Ponderosa)
- Vallecito Ck (Perennial Prt Div abv Ponderosa to headwaters)

HUC: 13020203 - Rio Grande-Albuquerque

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

HUC: 13020204 - Rio Puerco

- Rio Puerco (Arroyo Chijuilla to northern bnd Cuba)
- Rio Puerco (non-pueblo Rio Grande to Arroyo Chico)

HUC: 13020207 - Rio San Jose

- Arroyo del Valle (Laguna Pueblo bnd to headwaters)
- Bluewater Lake

HUC: 13020209 - Rio Salado

- Rio Salado (Rio Grande to Alamo Navajo bnd)

HUC: 13020211 - Elephant Butte Reservoir

- Elephant Butte Reservoir
- Rio Grande (Elephant Butte Rsvr to San Marcial at USGS)

HUC: 13030101 - Caballo

- Caballo Reservoir
- Las Animas Ck (perennial prt Animas Gulch to headwaters)
- Rio Grande (Caballo Reservoir to Elephant Butte Reservoir)

HUC: 13030102 - El Paso-Las Cruces

- Rio Grande (International Mexico bnd to Anthony Bridge)

HUC: 13030202 - Mimbres

2020 State of New Mexico §303(d) List of Impaired Surface Waters

- Bear Canyon Reservoir
- Gallinas Creek (Little Gallinas Creek to headwaters)
- San Vicente Creek (Perennial prt Maudes Cny to Silva Creek)

HUC: 13050003 - Tularosa Valley

- Dog Canyon Creek (perennial portions)
- Fresnal Canyon (La Luz Creek to Salado Canyon)
- Karr Canyon (Fresnal Canyon to headwaters)
- Lake Holloman
- Nogal Creek (Tularosa Creek to Mescalero Apache bnd)

HUC: 13050004 - Salt Basin

- Sacramento R (Perennial prt Scott Able Canyon to headwaters)

HUC: 13060001 - Pecos Headwaters

- El Porvenir Creek (Gallinas River to SFNF bnd)
- El Rito (Pecos River 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 Camps WWTP)
- McAllister Lake
- Pecos River (Alamitos Canyon to Jack's 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)

HUC: 13060003 - Upper Pecos

- Pecos River (Salt Creek to Crockett Draw)

HUC: 13060007 - Upper Pecos-Long Arroyo

- Figure Eight Lake
- Lake Van
- Pecos River (Eagle Creek to Rio Felix)
- Pecos River (Rio Felix to Rio Hondo)

HUC: 13060008 - Rio Hondo

2020 State of New Mexico §303(d) List of Impaired Surface Waters

- Grindstone Canyon Reservoir
- Rio Bonito (Perennial prt NM 48 near Angus to headwaters)

HUC: 13060010 - Rio Penasco

- Agua Chiquita (perennial portions McEwan Cny to headwaters)

HUC: 13060011 - Upper Pecos-Black

- Brantley Reservoir
- Lower Tansil Lake/Lake Carlsbad (Carlsbad Municipal Lake)
- Pecos River (Avalon Reservoir to Brantley Reservoir)
- Pecos River (Black River to Six Mile Dam)
- Pecos River (Six Mile Dam to Lower Tansil Lake)
- Pecos River (TX border to Black River)

HUC: 14080101 - Upper San Juan

- Gallegos Canyon (San Juan River to Navajo bnd)
- Los Pinos River (Navajo Reservoir to CO border)
- Navajo Reservoir
- Navajo River (Jicarilla Apache Nation to CO border)
- San Juan River (NM reach upstream of Navajo Reservoir)

HUC: 14080104 - Animas

- Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)
- 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)
- Shumway Arroyo (San Juan River to Ute Mtn Ute bnd)
- Stevens Arroyo (Perennial prts San Juan R to headwaters)

HUC: 15020003 - Carrizo Wash

- Quemado Lake

HUC: 15020004 - Zuni

- McGaffey Lake
- Ramah Reservoir

HUC: 15020006 - Upper Puerco

2020 State of New Mexico §303(d) List of Impaired Surface Waters

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

HUC: 15040001 - Upper Gila

- Beaver Creek (Perennial prt Taylor Ck to Mule Canyon)
- East Fork Gila River (Gila River to Taylor Creek)
- Gila River (Mogollon Ck to East and West Forks of Gila R)
- Gilita Creek (Middle Fork Gila R to Willow Creek)
- Iron Creek (Middle Fork Gila R to headwaters)
- Lake Roberts
- Middle Fork Gila River (Canyon Creek to Gilita Creek)
- Middle Fork Gila River (West Fork Gila R to Canyon Creek)
- Snow Lake
- Taylor Creek (Perennial reaches Beaver Creek to headwaters)
- Turkey Creek (Gila River to headwaters)
- West Fork Gila R (Gila River to Middle Fork)
- West Fork Gila R (Middle Fork to headwaters)
- Willow Creek (Gilita Creek 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)
- Mule Creek (San Francisco R to Mule Springs)
- Negrito Creek (Tularosa River to confl of N and S forks)
- San Francisco River (Box Canyon to Whitewater Creek)
- San Francisco River (Centerfire Creek to AZ border)
- San Francisco River (NM 12 at Reserve to Centerfire Creek)
- San Francisco River (Whitewater Ck to Pueblo Ck)
- Trout Creek (Perennial prt San Francisco R to headwaters)
- Tularosa River (San Francisco R to Apache Creek)

Uses Abbreviation Key	
ColdWAL	Coldwater Aquatic Life
CoolWAL	Coolwater Aquatic Life
DWS	Domestic Water Supply
FC	Fish Culture
HQColdWAL	High Quality Coldwater Aquatic Life
IW Storage	Industrial Water Storage
IW Supply	Industrial Water Supply
IRR	Irrigation
IRR Storage	Irrigation Storage
LAL	Limited Aquatic Life
LW	Livestock Watering
MCWAL	Marginal Coldwater Aquatic Life
MWWAL	Marginal Warmwater Aquatic Life
MWS	Municipal Water Storage
PC	Primary Contact
PWS	Public Water Supply
SC	Secondary Contact
WWAL	Warmwater Aquatic Life
WH	Wildlife Habitat

ColdWAL	Coldwater Aquatic Life
CoolWAL	Coolwater Aquatic Life
DWS	Domestic Water Supply
FC	Fish Culture
HQColdWAL	High Quality Coldwater Aquatic Life
IW Storage	Industrial Water Storage
IW Supply	Industrial Water Supply
IRR	Irrigation
IRR Storage	Irrigation Storage
LAL	Limited Aquatic Life
LW	Livestock Watering
MCWAL	Marginal Coldwater Aquatic Life
MWWAL	Marginal Warmwater Aquatic Life
MWS	Municipal Water Storage
PC	Primary Contact
PWS	Public Water Supply
SC	Secondary Contact
WWAL	Warmwater Aquatic Life
WH	Wildlife Habitat

HUC: 11040001 Cimarron Headwaters					
Archuleta Creek (Dry Cimarron R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_50	20.6.4.99	STREAM, PERENNIAL	9.92 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Carrizozo Creek (OK bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_40	20.6.4.702	STREAM, PERENNIAL	45.57 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolIWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may not be entirely perennial.					
Dry Cimarron R (Perennial prt Jesus Canyon to Long Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_04	20.6.4.702	STREAM, PERENNIAL	20.67 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolIWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU is likely interrupted.					

Dry Cimarron R (Perennial prt OK bnd to Sloan Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_00	20.6.4.702	STREAM, PERENNIAL	9.4 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients Temperature	2018 2004	8/13/2019 8/13/2019	4A 4A
IRR	Not Supporting	Total Dissolved Solids (TDS) Sulfate	2004 2008	6/2/2009 6/2/2009	4A 4A
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for sulfate and TDS (2009); and temperature and nutrients (2019). This AU is likely interrupted.					
Dry Cimarron R (Perennial prt Sloan Creek to Jesus Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_03	20.6.4.702	STREAM, PERENNIAL	27.31 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients Temperature	2018 2004	8/13/2019 8/13/2019	4A 4A
IRR	Not Supporting	Total Dissolved Solids (TDS) Sulfate	2004 2008	6/2/2009 6/2/2009	4A 4A
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for sulfate and TDS (2009); and temperature and nutrients (2019). This AU is likely interrupted.					

Dry Cimarron River (Long Canyon to Oak Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_02	20.6.4.702	STREAM, PERENNIAL	25.21 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2018	8/13/2019	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for E. coli and TDS (2009), and nutrients (2019).

Dry Cimarron River (Oak Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_01	20.6.4.701	STREAM, PERENNIAL	27.91 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients Temperature	2018 2018	8/13/2019	4A 5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A TMDL was prepared for nutrients (2019). Coldwater may not be an existing or attainable use - WQS review needed.

Long Canyon (Perennial reaches abv Dry Cimarron)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_20	20.6.4.702	STREAM, PERENNIAL	8.56 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Temperature Selenium, Total Recoverable Nutrients	2004 2008 2018	8/13/2019 6/2/2009 8/13/2019	4A 4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	6/2/2009	4A
WH	Not Supporting	Selenium, Total Recoverable	2008	6/2/2009	4A
AU Comment: TMDLs were prepared for E. coli,selenium (2009) and temperature, plant nutrients (2019). The upper portion of the AU above the springs do not appear to be perennial.					
Oak Creek (Perennial prt Dry Cimarron to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11040001 Cimarron Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_10	20.6.4.701	STREAM, PERENNIAL	12.46 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients Flow Regime Modification	2008 2018	6/2/2009	4A 4C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	6/2/2009	4A
WH	Fully Supporting				
AU Comment: TMDLs were prepared for E. coli and nutrients (2009).					

HUC: 11080001 Canadian Headwaters					
Bracket Canyon (Vermejo R to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_008	20.6.4.97	STREAM, EPHEMERAL	3.1 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Chevron Mining Inc. Ancho Mine permit NM0030180					
Caliente Canyon (Vermejo River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_151	20.6.4.309	STREAM, PERENNIAL	20.26 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Specific Conductance	2004	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: HQCWAL is probably not attainable due to low flows and high background temperatures. TMDL for specific conductance.					

Canadian River (Chicorica Creek to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_201	20.6.4.305	STREAM, PERENNIAL	61.03 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2018		5/5B
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Canadian River (Cimarron River to Chicorica Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_200	20.6.4.305	STREAM, PERENNIAL	39.3 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	2008	11/21/2011	4A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: A TMDL was prepared for nutrients (2011).					

Chicorica Creek (Canadian River to East Fork Chicorica)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_250	20.6.4.305	STREAM, PERENNIAL	21.34 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Chicorica Creek (East Fork Chicorica to Lake Maloya)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_251	20.6.4.305	STREAM, PERENNIAL	2.2 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Doggett Creek (Raton Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_255	20.6.4.99	STREAM, PERENNIAL	3.38 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	8/13/2019	4A
WWAL	Not Supporting	Nutrients	1998	8/13/2019	4A
WH	Fully Supporting				
AU Comment: TMDLs were prepared for E.coli and plant nutrients (2019).					

East Fork Chicorica Creek (Chicorica Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_252	20.6.4.98	STREAM, INTERMITTENT	8.17 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2018	8/13/2019	4A
WH	Fully Supporting				
AU Comment: This AU went dry during the 2015-2016 survey. No diversions visible from aerial photograph. TMDL prepared for E.coli (2019).					

Gachupin Canyon (Vermejo R to w trib nr mine outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_010	20.6.4.97	STREAM, EPHEMERAL	3.96 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Chevron Mining Inc. Ancho Mine permit NM0030180					
Hunter Creek (Throttle Reservoir to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_040	20.6.4.98	STREAM, INTERMITTENT	6.84 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Laguna Madre			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_058	20.6.4.99	LAKE, PLAYA	117.39 ACRES	2010	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Lake Alice (Sugarite Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.B_10	20.6.4.311	RESERVOIR	6.41 ACRES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					
Lake Maloya			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.B_20	20.6.4.312	RESERVOIR	115.54 ACRES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	2018	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Leandro Creek (Vermejo River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_161	20.6.4.309	STREAM, PERENNIAL	12.32 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Rio Grande Cutthroat Trout restoration in 1998 by NMG&F.					

Maxwell Lake 12			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_080	20.6.4.99	LAKE, PLAYA	63.06 ACRES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

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

Maxwell Lake 13			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_081	20.6.4.99	LAKE, PLAYA	171.19 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	pH	2018		5/5C
WH	Fully Supporting				

AU Comment: None.

Maxwell Lake 14			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_082	20.6.4.99	LAKE, PLAYA	85 ACRES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

Raton Creek (Chicorica Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_253	20.6.4.305	STREAM, PERENNIAL	18.7 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	1998	8/13/2019	4A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs prepared for E.coli and plant nutrients (2019).

Stubblefield Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_101	20.6.4.99	LAKE, PLAYA	367.69 ACRES	2010	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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 R to West Fork Tinaja Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_018	20.6.4.98	STREAM, INTERMITTENT	6.34 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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).

Tinaja Creek (West Fork Tinaja Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_019	20.6.4.98	STREAM, INTERMITTENT	21.25 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2018	8/13/2019	4A
WH	Fully Supporting				
AU Comment: 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). TMDL prepared for E.coli (2019).					

Una de Gato Creek (Chicorica Creek to HWY 64)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_254	20.6.4.305	STREAM, PERENNIAL	12.63 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	2008	11/21/2011	4A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: A TMDL was prepared for nutrients (2011).					

Una de Gato Creek (HWY 64 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_030	20.6.4.305	STREAM, PERENNIAL	22.1 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	2008	11/21/2011	4A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: A TMDL was prepared for nutrients (2011).					

Unnamed tributary (Bracket Cny to mine area)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_009	20.6.4.97	STREAM, EPHEMERAL	2.23 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Chevron Mining Inc. Ancho Mine permit NM0030180					
VanBremmer Creek (HWY 64 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_140	20.6.4.309	STREAM, PERENNIAL	37.29 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2004		5/5B
		Specific Conductance	2004		5/5B
		Turbidity	2004		5/5B
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Vermejo River (Canadian River to Rail Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_210	20.6.4.305	STREAM, PERENNIAL	25.82 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Flow Regime Modification			4C
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Often extremely low or 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_220	20.6.4.309	STREAM, PERENNIAL	22.64 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature Turbidity	2006 2018	9/21/2007	4A 5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Vermejo River (Rock Creek to North Fork Vermejo R)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_231	20.6.4.309	STREAM, PERENNIAL	10.21 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2006	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Vermejo River (York Canyon to Rock Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_230	20.6.4.309	STREAM, PERENNIAL	11.58 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2006	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

York Canyon (Vermejo R to Left Fork York Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080001 Canadian Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_153	20.6.4.309	STREAM, PERENNIAL	8.56 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2018		5/5B
		Turbidity	2004		5/5B
		Dissolved oxygen	2018		5/5B
		Specific Conductance	2004	9/21/2007	4A
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for specific conductance (2007).

HUC: 11080002 Cimarron

American Creek (Cieneguilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_066	20.6.4.309	STREAM, PERENNIAL	5.99 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2018	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Supporting	E. coli	2020	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: A TMDL Alternative is under development for the E. coli and aluminum impairments.

Bonito Creek (Rayado Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.1.A_20	20.6.4.309	STREAM, PERENNIAL	6.5 MILES	2000	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Cieneguilla Creek (Eagle Nest Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_065	20.6.4.309	STREAM, PERENNIAL	18.87 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2008	9/3/2010	4A
		Temperature	2008	9/3/2010	4A
		Sedimentation/Siltation	1998	5/19/2004	4A
		Turbidity	1998	5/19/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/3/2010	4A
WH	Fully Supporting				

AU Comment: TMDLs were prepared/updated for turbidity, sedimentation/siltation, fecal coliform, and dissolved Al chronic (2004); and nutrients, e. coli, and temperature (2010). Dissolved Al TMDL removed 2017 because WQC no longer applicable.

Cimarron River (Canadian River to Ponil Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.1.A_10	20.6.4.306	STREAM, PERENNIAL	29.39 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Temperature Nutrients	2018 2008	9/3/2010	5/5B 4A
WH	Fully Supporting				

AU Comment: TMDL for chronic aluminum (assessed incorrectly -- aluminum was de-listed). TMDLs were prepared for nutrients in 2010.

Cimarron River (Cimarron Village to Turkey Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_040	20.6.4.309	STREAM, PERENNIAL	5.03 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity Temperature	2018 2008	2023 (est.) 9/3/2010	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for chronic dissolved aluminum. TMDLs for temperature and arsenic (2010).

Cimarron River (Ponil Creek to Cimarron Village)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.1.A_11	20.6.4.306	STREAM, PERENNIAL	11.23 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2008	9/3/2010	4A
WH	Fully Supporting				
AU Comment: TMDL for chronic aluminum (assessed incorrectly -- aluminum was de-listed). TMDLs were prepared for nutrients in 2010.					

Cimarron River (Turkey Creek to Eagle Nest Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_130	20.6.4.309	STREAM, PERENNIAL	19.63 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2008	9/3/2010	4A
		Temperature	2018	9/3/2010	4A
		Turbidity	2018	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: De-list letter for total phosphorus. TMDLs for nutrients and arsenic (2010).					

Clear Creek (Cimarron River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_131	20.6.4.309	STREAM, PERENNIAL	3.98 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Eagle Nest Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.B_00	20.6.4.315	RESERVOIR	1817.29 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2018	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Greenwood Creek (Middle Ponil Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_122	20.6.4.309	STREAM, PERENNIAL	5.28 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

McCrystal Creek (North Ponil to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_112	20.6.4.309	STREAM, PERENNIAL	9.36 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity Temperature	2010 2000	9/30/1999 11/8/2011	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Middle Ponil Creek (Greenwood Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_124	20.6.4.309	STREAM, PERENNIAL	11.8 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2018	9/27/2001	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_121	20.6.4.309	STREAM, PERENNIAL	11.89 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2000	9/27/2001	4A
		Turbidity	2000	9/27/2001	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for temperature and turbidity (2001); de-list letter for total phosphorus.					

Moreno Creek (Eagle Nest Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_060	20.6.4.309	STREAM, PERENNIAL	16.64 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2008	9/3/2010	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for turbidity and fecal coliform. TMDLs for temperature and plant nutrients (2010).					
North Ponil Creek (Seally Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_162	20.6.4.309	STREAM, PERENNIAL	8.52 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Supporting	Gross Alpha, Adjusted Radium	2008 2008		5/5C 5/5C
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature Turbidity	2020 2008 2010	2023 (est.) 11/8/2011 9/30/1999	5/5A 4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: ONRW status for surface waters in the Valle Vidal as of February 2006. TMDL for turbidity (1999, revised 2004) and temperature (2011).					

North Ponil Creek (South Ponil Creek to Seally Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_110	20.6.4.309	STREAM, PERENNIAL	17.84 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature Turbidity	2004 2004	12/31/1999 5/19/2004	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/3/2010	4A
WH	Fully Supporting				
AU Comment: 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 HWY 64)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_100	20.6.4.306	STREAM, PERENNIAL	11.19 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Dissolved oxygen	2018		5/5C
WH	Fully Supporting				
AU Comment: TMDL for turbidity, temp, and Al chronic; de-list letter for total phosphorus. TMDL for e. coli (2010).					

Ponil Creek (HWY 64 to confl of North and South Ponil)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_101	20.6.4.309	STREAM, PERENNIAL	7.54 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	1998	9/27/2001	4A
		Nutrients	2008	9/3/2010	4A
		Specific Conductance	2018		5/5B
		Temperature	1998	9/27/2001	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	9/3/2010	4A
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_80	20.6.4.307	STREAM, PERENNIAL	21.68 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Nutrients	2008	9/3/2010	4A
		Sedimentation/Siltation	2004	2/16/2001	4A
PC	Not Supporting	E. coli	2018	2023 (est.)	5/5A
WWAL	Not Supporting	Sedimentation/Siltation	2004	2/16/2001	4A
WH	Fully Supporting				
AU Comment: TMDL for SBD (sedimentation/siltation). TMDLs for nutrients (2010).					

Rayado Creek (Miami Lake Diversion to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_051	20.6.4.309	STREAM, PERENNIAL	22.38 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2008	9/3/2010	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for temperature and e. coli (2010).

Saladon Creek (Cieneguilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_069	20.6.4.309	STREAM, PERENNIAL	5.73 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2018		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2018		5/5B
WH	Fully Supporting				

AU Comment: None.

Seally Canyon (North Ponil to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_111	20.6.4.309	STREAM, PERENNIAL	6.6 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

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

Shuree Pond (North)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.B_30	20.6.4.314	RESERVOIR	6.19 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2018	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Shuree Pond (South)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.B_31	20.6.4.133	RESERVOIR	3.47 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Sixmile Creek (Eagle Nest Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_064	20.6.4.309	STREAM, PERENNIAL	5.32 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity Temperature	1998 2008	5/19/2004 9/3/2010	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/3/2010	4A
WH	Fully Supporting				

AU Comment: TMDL for turbidity and fecal coliform. TMDLs for temperature, e. coli, and nutrients (2010).

South Ponil Creek (Middle Ponil Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_123	20.6.4.309	STREAM, PERENNIAL	11.14 MILES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

South Ponil Creek (Ponil Creek to Middle Ponil Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_120	20.6.4.309	STREAM, PERENNIAL	5.91 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2008	9/3/2010	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature (2010).

Springer Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.1.B_10	20.6.4.317	RESERVOIR	329.44 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_132	20.6.4.309	STREAM, PERENNIAL	6.74 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Turkey Creek (Cimarron River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_129	20.6.4.309	STREAM, PERENNIAL	6.22 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ute Creek (Perennial prt Cimarron River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_068	20.6.4.309	STREAM, PERENNIAL	8.65 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/3/2010	4A
WH	Fully Supporting				

AU Comment: TMDLs for arsenic, e. coli, and temperature (2010).

West Agua Fria Creek (Cieneguilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080002 Cimarron	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_067	20.6.4.309	STREAM, PERENNIAL	5.91 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 11080003 Upper Canadian

Canadian River (Conchas Reservoir to Mora River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_000	20.6.4.305	RIVER	41.91 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A TMDL was prepared for e. coli (2011).

Canadian River (Mora River to Cimarron River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_100	20.6.4.305	RIVER	73.42 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Charette Lake (Lower)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.5_10	20.6.4.308	RESERVOIR	241.35 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature Mercury - Fish Consumption Advisory	2018 2004		5/5B 5/5C
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.5_20	20.6.4.308	RESERVOIR	62.37 ACRES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Mercury - Fish Consumption Advisory	2016		5/5C
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2016		5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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.

Manueles Creek (Ocate Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_090	20.6.4.309	STREAM, PERENNIAL	9.29 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Ocate Ck (Perennial prt Canadian R to Sweetwater Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_70	20.6.4.307	STREAM, PERENNIAL	22.95 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Supporting	Flow Regime Modification	2018		4C
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ocate Ck (Perennial prt Charette Lakes Div to Ocate Village)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_72	20.6.4.307	STREAM, PERENNIAL	11.16 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Supporting	Flow Regime Modification	2018		4C
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ocate Ck (Perennial prt Sweetwater Ck to Charette Lakes Div)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_71	20.6.4.307	STREAM, PERENNIAL	15.32 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Supporting	Flow Regime Modification	2018		4C
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ocate Creek (Ocate Village to Wheaton Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_070	20.6.4.309	STREAM, PERENNIAL	5.1 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Flow Regime Modification			4C
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Wagon Mound Salt Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_106	20.6.4.99	LAKE, PLAYA	178.38 ACRES	1998	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Wheaton Creek (Manuelas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080003 Upper Canadian	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_091	20.6.4.309	STREAM, PERENNIAL	12.82 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2018		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 11080004 Mora

Coyote Creek (Amola Ridge to Williams Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_023	20.6.4.309	STREAM, PERENNIAL	13.12 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: HQCWAL may not be attainable in this AU - WQS review needed. TMDL prepared for plant nutrients (2019).

Coyote Creek (Black Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_021	20.6.4.309	STREAM, PERENNIAL	7.91 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2018	8/13/2019	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2018		5/5C
WH	Fully Supporting				

AU Comment: TMDLs were prepared for plant nutrients and temperature (2019).

Coyote Creek (Mora River to Amola Ridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_020	20.6.4.309	STREAM, PERENNIAL	13.06 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2018	8/13/2019	4A
		Temperature	1998	9/21/2007	4A
		Specific Conductance	1998	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: HQCWAL may not be attainable in this AU - WQS review needed. TMDL prepared for plant nutrients (2019).

Coyote Creek (Williams Canyon to Black Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_022	20.6.4.309	STREAM, PERENNIAL	12.2 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2018	8/13/2019	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL prepared for plant nutrients (2019).					
Encantada (Enchanted) Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.B_10	20.6.4.313	LAKE, FRESHWATER	2.46 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
La Jara Creek (Coyote Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_54	20.6.4.98	STREAM, INTERMITTENT	16.52 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Little Coyote Creek (Black Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_024	20.6.4.309	STREAM, PERENNIAL	7.14 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2004	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Lujan Creek (Luna Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_002	20.6.4.309	STREAM, PERENNIAL	7.95 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Luna Creek (Mora River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_001	20.6.4.309	STREAM, PERENNIAL	8.52 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Maestas (Lost) Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.B_20	20.6.4.313	LAKE, FRESHWATER	2.93 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Maestas Creek (Manuelitas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_81	20.6.4.307	STREAM, PERENNIAL	4.42 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Manuelitas Creek (Rito San Jose to Maestas Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_25	20.6.4.307	STREAM, PERENNIAL	3.72 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Manuelitas Creek (Sapello River to Rito San Jose)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_21	20.6.4.307	STREAM, PERENNIAL	15.52 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Middle Fork Lake of Rio de la Casa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.B_10	20.6.4.313	LAKE, FRESHWATER	4.63 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Mora River (Canadian River to USGS gage east of Shoemaker)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_020	20.6.4.305	STREAM, PERENNIAL	41.63 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Mora River (HWY 434 to Luna Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_000	20.6.4.309	STREAM, PERENNIAL	19.01 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Specific Conductance	1998	9/21/2007	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for specific conductance (SC) and sedimentation/siltation (2007, updated 2011). SC impairment may be due to natural sources - WQS needed.

Mora River (USGS gage east of Shoemaker to HWY 434)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_00	20.6.4.307	STREAM, PERENNIAL	56.33 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Nutrients	2004	7/22/2015	4A
PC	Not Supporting	E. coli	2018	8/13/2019	4A
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs for DO (2010) and plant nutrients (2015) and E.coli (2019).					
Morphy (Murphy) Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.B_30	20.6.4.99	RESERVOIR	25.29 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
North Fork Lake of Rio de la Casa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.B_20	20.6.4.313	LAKE, FRESHWATER	3.43 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Pacheco Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_093	20.6.4.313	LAKE, FRESHWATER	1.65 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio la Casa (Mora River to confl of North and South Forks)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2306.A_030	20.6.4.309	STREAM, PERENNIAL	5.96 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rito Cebolla (Mora River to Rito Morphy)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_40	20.6.4.307	STREAM, PERENNIAL	11.15 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Dissolved oxygen	2018		5/5B
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rito Morphy (Rito Cebolla to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_42	20.6.4.307	STREAM, PERENNIAL	9.09 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Dry during spring and summer 2002 sampling.

Rito San Jose (Manuelitas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_22	20.6.4.307	STREAM, PERENNIAL	9.39 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rito de Gascon (Rito San Jose to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_24	20.6.4.307	STREAM, PERENNIAL	4.27 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Santiago Creek (Rito Cebolla to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_41	20.6.4.307	STREAM, PERENNIAL	10.43 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Supporting	Flow Regime Modification	2018		4C
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Sapello River (Arroyo Jara to Manuelitas Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_23	20.6.4.307	STREAM, PERENNIAL	19.46 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Sapello River (Manuelitas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_30	20.6.4.307	STREAM, PERENNIAL	17.99 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Sapello River (Mora River to Arroyo Jara)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_20	20.6.4.307	STREAM, PERENNIAL	8.86 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Dissolved oxygen	2018		5/5C
		Sedimentation/Siltation	2006	9/21/2007	4A
		Temperature	2018		5/5B
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Sparks Creek (Maestas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_26	20.6.4.307	STREAM, PERENNIAL	4.4 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Wolf Creek (Mora River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 11080004 Mora	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.3.A_10	20.6.4.307	STREAM, PERENNIAL	24.98 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Supporting	Flow Regime Modification			4C
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080005 Conchas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2304_00	20.6.4.304	RESERVOIR	3411.26 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory PCBS - Fish Consumption Advisory	2004 2010		5/5C 5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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 Reservoir to Salitre Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080005 Conchas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_010	20.6.4.305	STREAM, PERENNIAL	42.64 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients Aluminum, Total Recoverable	2018 2018	8/13/2019 8/13/2019	4A 4A
PC	Not Supporting	E. coli	2018	8/13/2019	4A
WH	Fully Supporting				

AU Comment: This entire AU may not be perennial. TMDLs were prepared for chronic aluminum, E.coli, and plant nutrients (2019).

Conchas River (Salitre Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080005 Conchas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2305.A_011	20.6.4.305	STREAM, PERENNIAL	44.51 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This entire AU may not be perennial.

HUC: 11080006 Upper Canadian-Ute Reservoir

Canadian River (TX border to Ute Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2301_00	20.6.4.301	RIVER	41.88 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2018		5/5B
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Canadian River (Ute Reservoir to Conchas Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_00	20.6.4.303	RIVER	59.42 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2018	2023 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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) and temperature (2019).

No Name Creek (Pajarito Creek to Breen's Pond)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_11	20.6.4.303	STREAM, PERENNIAL	1.19 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: This AU receives effluent from Tucumcari WWTP via an underground pipe to Breen's Pond.					
Pajarito Creek (Perennial prt Canadian R to Vigil Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_10	20.6.4.303	STREAM, PERENNIAL	28.73 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature Nutrients	2018 2008	8/13/2019 11/21/2011	4A 4A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for e. coli and nutrients (2011) and temperature (2019).					
Pajarito Creek (Vigil Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_12	20.6.4.98	STREAM, INTERMITTENT	46.67 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Tucumcari Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_103	20.6.4.99	LAKE, PLAYA	358.05 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ute Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11080006 Upper Canadian-Ute Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2302_00	20.6.4.302	RESERVOIR	5988.19 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 11080007 Ute	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_029	20.6.4.98	LAKE, PLAYA	19 ACRES	1998	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Part of playa lake study. Data are old.

Palo Blanco Creek (Ute Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080007 Ute	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_22	20.6.4.98	STREAM, INTERMITTENT	27.34 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ute Creek (Perennial prt Bueyeros Ck to Garcia Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080007 Ute	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_20	20.6.4.303	STREAM, PERENNIAL	24.45 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Ute Creek (Perennial prt Garcia Creek to Palo Blanco Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 11080007 Ute	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_21	20.6.4.303	STREAM, PERENNIAL	28.02 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Ute Creek (Ute Reservoir to Bueyeros Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11080007 Ute	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2303_23	20.6.4.98	STREAM, INTERMITTENT	67.09 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 11080008 Revuelto

Revuelto Creek (Canadian River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 11080008 Revuelto	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2301_10	20.6.4.98	STREAM, INTERMITTENT	44.42 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2018		5/5B
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Often dry except for irrigation return flows and stormwater runoff. Application of the SWQB Hydrology Protocol (survey date 7/1/09) indicate this assessment unit is intermittent - see <http://www.nmenv.state.nm.us/swqb/Hydrology/> for additional details on the protocol). A TMDL was prepared for boron (2011). There is an inconsistency between the marginal warmwater ALU description in 20.6.4.7.M(2) and the associated temperature criterion in 20.6.4.900.H(6) NMAC that needs review.

HUC: 11100101 Upper Beaver

Clayton Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 11100101 Upper Beaver	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_030	20.6.4.316	RESERVOIR	148.04 ACRES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Mercury - Fish Consumption Advisory Nutrients	2004 2018		5/5C 5/5A
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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.

Corrupma Creek (OK border to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11100101 Upper Beaver	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2701_30	20.6.4.310	STREAM, PERENNIAL	90.77 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Seneca Creek (Perennial reaches abv Clayton Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 11100101 Upper Beaver	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_904	20.6.4.99	STREAM, PERENNIAL	12.6 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12050001 Yellow House Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_076	20.6.4.98	LAKE, PLAYA	8.39 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Tule Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 12050001 Yellow House Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_104	20.6.4.98	LAKE, PLAYA	47.88 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Part of playa lake study. Data are old.

HUC: 12050002 Blackwater Draw

Dennis Chavez Lake (Curry)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 12050002 Blackwater Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_036	20.6.4.99	LAKE, PLAYA	3.86 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Green Acres Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12050002 Blackwater Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_046	20.6.4.99	LAKE, PLAYA	11.44 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: Irrigation is an existing use.

Ingram Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 12050002 Blackwater Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_050	20.6.4.99	LAKE, PLAYA	57.57 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Oasis Park Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12050002 Blackwater Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_092	20.6.4.99	RESERVOIR	1.32 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MCWAL	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: Marginal Coldwater and Warmwater Aquatic Life are existing uses. NM EMNRD issue a drinking water warning in 2017 due to high nitrates in drinking water (see <http://www.emnrd.state.nm.us/SPD/oasisstatepark.html>).

Williams Playa (Curry)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12050002 Blackwater Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_108	20.6.4.98	LAKE, PLAYA	17.67 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 12050005 Running Water Draw					
Ned Houk Park Lakes			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12050005	Running Water Draw
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_089	20.6.4.99	RESERVOIR	41.76 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
.....
MCWAL	Not Assessed				
.....
PC	Not Assessed				
.....
WWAL	Not Assessed				
.....
WH	Not Assessed				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12080003	Monument-Seminole Draws
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_028	20.6.4.99	RESERVOIR	9.86 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
.....
MCWAL	Not Assessed				
.....
PC	Not Assessed				
.....
WWAL	Not Assessed				
.....
WH	Not Assessed				
AU Comment: Marginal Coldwater and Warmwater Aquatic Life are existing uses.					

Green Meadows Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12080003 Monument-Seminole Draws	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_047	20.6.4.99	RESERVOIR	11.49 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
.....
MCWAL	Not Assessed				
.....
PC	Not Assessed				
.....
WWAL	Not Assessed				
.....
WH	Not Assessed				

AU Comment: Marginal Coldwater and Warmwater Aquatic Life are existing uses.

HUC: 12080004 Mustang Draw

Lane Salt Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12080004 Mustang Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_072	20.6.4.98	LAKE, PLAYA	393.76 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
.....
MWWAL	Not Assessed				
.....
PC	Not Assessed				
.....
WH	Not Assessed				

AU Comment: Part of playa lake study. Data are old.

Middle Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 12080004 Mustang Draw	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_084	20.6.4.98	LAKE, PLAYA	8.11 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
.....
MWWAL	Not Assessed				
.....
PC	Not Assessed				
.....
WH	Not Assessed				

AU Comment: None.

HUC: 13010005 Conejos

Beaver Creek (Rio de los Pinos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_904	20.6.4.123	STREAM, PERENNIAL	8.13 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Canada Tio Grande (Rio San Antonio to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_903	20.6.4.123	STREAM, PERENNIAL	10.58 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen Temperature	2020 2012	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Laguna Larga			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_057	20.6.4.99	RESERVOIR	35.53 ACRES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Coldwater Aquatic Life is an existing use.

Lagunitas Lake No. 1			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_063	20.6.4.123	RESERVOIR	3.11 ACRES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Lagunitas Lake No. 2			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_064	20.6.4.123	RESERVOIR	3.83 ACRES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Lagunitas Lake No. 3			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_065	20.6.4.123	RESERVOIR	1.72 ACRES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Nutritas (Rio San Antonio to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_905	20.6.4.123	STREAM, PERENNIAL	7.99 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Rio San Antonio (CO border to Montoya Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_902	20.6.4.123	STREAM, PERENNIAL	11.86 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen	2012	2021 (est.)	5/5A
		Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
		Temperature	2012	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio San Antonio (Montoya Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_901	20.6.4.123	STREAM, PERENNIAL	20.87 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
		Temperature	2004	12/17/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/13/2012	4A
WH	Fully Supporting				

AU Comment: TMDL for temperature and E. coli.

Rio de los Pinos (New Mexico reaches)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13010005 Conejos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_900	20.6.4.123	STREAM, PERENNIAL	20.63 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature	2020 2004	2021 (est.) 12/17/2004	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature.

HUC: 13020101 Upper Rio Grande

Acid Canyon (Pueblo Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_002	20.6.4.98	STREAM, INTERMITTENT	0.37 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs) Copper, Dissolved Aluminum, Total Recoverable	2010 2010 2018		5/5C 5/5B 5/5B
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals listings based on exceedences of acute criteria.

Agua Caliente (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_430	20.6.4.123	STREAM, PERENNIAL	6.34 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Alamitos Creek (Rio Pueblo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_411	20.6.4.123	STREAM, PERENNIAL	6.81 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: There are threatened Rio Grande cutthroat trout in this reach.

Apache Canyon (Rio Fernando de Taos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_002	20.6.4.123	STREAM, PERENNIAL	1.46 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: NMEDs 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 Seco Creek (perennial prt HWY 522 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_31	20.6.4.99	STREAM, PERENNIAL	9 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Arroyo del Palacio (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_004	20.6.4.98	STREAM, INTERMITTENT	10.61 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012	2023 (est.)	5/5A
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					

Bayo Canyon (San Ildefonso bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_007	20.6.4.98	STREAM, INTERMITTENT	6.05 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Bitter Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_705	20.6.4.123	STREAM, PERENNIAL	9.22 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2012		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for SBD (sedimentation/siltation) and AI acute.					

Bobcat Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_716	20.6.4.123	STREAM, PERENNIAL	5.76 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Bull Creek Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_023	20.6.4.133	LAKE, FRESHWATER	0.84 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Cabresto Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_701	20.6.4.123	STREAM, PERENNIAL	17.98 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Cabresto Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_20	20.6.4.134	RESERVOIR	22.46 ACRES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	pH	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Canada Agua (Arroyo La Mina to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_003	20.6.4.98	STREAM, INTERMITTENT	1.61 MILES	2012	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012	2023 (est.)	5/5A
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Canada de los Tanos (Rio Quemado to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_121	20.6.4.123	STREAM, PERENNIAL	3.05 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Capulin Creek (R Fernando de Taos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_514	20.6.4.98	STREAM, INTERMITTENT	4.35 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				
AU Comment: NMEDs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_831	20.6.4.123	STREAM, PERENNIAL	7.82 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Chamisal Creek (abv Embudo Creek except Picuris Pueblo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_402	20.6.4.123	STREAM, PERENNIAL	9.32 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Chuckwagon Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_833	20.6.4.123	STREAM, PERENNIAL	2.7 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Columbine Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_702	20.6.4.123	STREAM, PERENNIAL	5.76 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Comanche Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_827	20.6.4.123	STREAM, PERENNIAL	13.12 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen Temperature	2020 1998	2021 (est.) 12/17/2004	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature. ONRW status for surface waters in the Valle Vidal as of February 2006. Rio Grande Cufthroat trout re-introduction area.

Cordova Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_823	20.6.4.123	STREAM, PERENNIAL	6.07 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity Sedimentation/Siltation	2012 2004	12/17/1999 12/17/1999	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for total phosphorus, SBD (sedimentation/siltation), and turbidity.

Costilla Creek (CO border to Diversion abv Costilla)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_810	20.6.4.123	STREAM, PERENNIAL	3.26 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Flow Regime Modification Dissolved oxygen	2020	2021 (est.)	4C 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Costilla Creek (Comanche Creek to Costilla Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_830	20.6.4.123	STREAM, PERENNIAL	5.07 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Benthic Macroinvertebrates	2020		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Costilla Creek (Costilla Reservoir to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_829	20.6.4.123	STREAM, PERENNIAL	8.71 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Costilla Creek (Diversion abv Costilla to Comanche Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_820	20.6.4.123	STREAM, PERENNIAL	19.59 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature	2020 2002	2021 (est.) 12/17/2004	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature.

Costilla Creek (Rio Grande to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_800	20.6.4.123	STREAM, PERENNIAL	2.28 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Flow Regime Modification			4C
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: This reach reportedly goes dry due to irrigation diversion in all but the wettest years.					
Cow Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_40	20.6.4.133	LAKE, FRESHWATER	0.6 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

DP Canyon (Grade control to upper LANL bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_14	20.6.4.128	STREAM, EPHEMERAL	1 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Aluminum, Total Recoverable	2018		5/5B
		Copper, Dissolved	2018		5/5B
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
AU Comment: None.					

DP Canyon (Los Alamos Canyon to grade control)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_10	20.6.4.128	STREAM, INTERMITTENT	0.82 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5B
		Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
AU Comment: None.					

Eagle Rock Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_10	20.6.4.122	RESERVOIR	3.39 ACRES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
FC	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_424	20.6.4.123	STREAM, PERENNIAL	6.64 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_715	20.6.4.123	STREAM, PERENNIAL	6.79 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Elk Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_039	20.6.4.133	LAKE, FRESHWATER	0.66 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_40	20.6.4.114	STREAM, PERENNIAL	5.16 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
		Dissolved oxygen	2020	2021 (est.)	5/5A
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Embudo Creek (Rio Grande to Canada de Ojo Sarco)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_41	20.6.4.114	STREAM, PERENNIAL	6.3 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Sedimentation/Siltation	1998	6/2/2005	4A
		Turbidity	1998	6/2/2005	4A
		Temperature	2012	2021 (est.)	5/5A
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity and sedimentation/siltation (SBD).

Fawn Lake (East)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_60	20.6.4.134	RESERVOIR	1.86 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: .

Fawn Lake (West)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_61	20.6.4.134	RESERVOIR	1.18 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Fernandez Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_834	20.6.4.123	STREAM, PERENNIAL	2.85 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Gold Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_835	20.6.4.123	STREAM, PERENNIAL	3.55 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2008	11/8/2011	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: ONRW status for surface waters in the Valle Vidal as of February 2006. TMDL for temperature (2011).					
Goose Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_711	20.6.4.123	STREAM, PERENNIAL	5.45 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Goose Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_12	20.6.4.133	LAKE, FRESHWATER	3.82 ACRES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen pH	2020 2020	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Graduation Canyon (Pueblo Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_005	20.6.4.98	STREAM, INTERMITTENT	0.69 MILES	2010	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Copper, Dissolved Polychlorinated Biphenyls (PCBs)	2010 2010		5/5B 5/5C
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals listings based on exceedences of acute criteria.

Grassy Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_836	20.6.4.123	STREAM, PERENNIAL	3.48 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

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

Guaje Canyon (San Ildefonso bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_005	20.6.4.98	STREAM, INTERMITTENT	12.62 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_70	20.6.4.133	LAKE, FRESHWATER	3.63 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Hidden Lake (Lake Hazel)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_80	20.6.4.133	LAKE, FRESHWATER	2.86 ACRES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Holman Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_837	20.6.4.123	STREAM, PERENNIAL	3.52 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity Temperature	2020 2008	11/8/2011	5/5C 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: ONRW status for surface waters in the Valle Vidal as of February 2006. TMDL for temperature (2011).					
Horseshoe Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_90	20.6.4.133	LAKE, FRESHWATER	5.66 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: High elevation cirque lake (difficult access).					

Horseshoe Lake (Alamitos)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_25	20.6.4.133	LAKE, FRESHWATER	6 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Italianos Creek (Rio Hondo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_440	20.6.4.123	STREAM, PERENNIAL	2.93 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Jicarita Creek (Rio Santa Barbara to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_442	20.6.4.123	STREAM, PERENNIAL	3.41 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Jose Vigil Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_20	20.6.4.133	LAKE, FRESHWATER	1.82 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Kwage Canyon (Pueblo Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_003	20.6.4.98	STREAM, INTERMITTENT	1.16 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
La Cueva Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_838	20.6.4.123	STREAM, PERENNIAL	3.28 MILES	2008	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: ONRW status for surface waters in the Valle Vidal as of February 2006.					

LaBelle Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_839	20.6.4.123	STREAM, PERENNIAL	2.94 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2008	11/8/2011	4A
		Sedimentation/Siltation	2020	2021 (est.)	5/5A
		Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: ONRW status for surface waters in the Valle Vidal as of February 2006. TMDL for temperature (2011).

Lake Fork (Cabresto Creek to Cabresto Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_707	20.6.4.123	STREAM, PERENNIAL	1.14 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Lake Fork (Cabresto Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_708	20.6.4.123	STREAM, PERENNIAL	4.69 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Lake Fork Creek (Rio Hondo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_606	20.6.4.123	STREAM, PERENNIAL	4.04 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Latir Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_824	20.6.4.123	STREAM, PERENNIAL	6.96 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Little Costilla Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_840	20.6.4.123	STREAM, PERENNIAL	5.08 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Little Tesuque Creek (Rio Tesuque to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_34	20.6.4.121	STREAM, PERENNIAL	8.98 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for aluminum.

Los Alamos Canyon (DP Canyon to upper LANL bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_063	20.6.4.128	STREAM, EPHEMERAL	4.44 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Cyanide, Total Recoverable	2018		5/5C
		Polychlorinated Biphenyls (PCBs)	2006		5/5C
		Selenium, Total Recoverable	2018		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2004		5/5C
SC	Not Assessed				
WH	Not Supporting	Mercury, Total	2006		5/5C
		Cyanide, Total Recoverable	2018		5/5C
		Selenium, Total Recoverable	2018		5/5C
		Polychlorinated Biphenyls (PCBs)	2006		5/5C

AU Comment: None.

Los Alamos Canyon (Los Alamos Rsvr to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-127.A_00	20.6.4.127	STREAM, PERENNIAL	3.04 MILES	2014	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Los Alamos Canyon (NM-4 to DP Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_006	20.6.4.128	STREAM, EPHEMERAL	3.08 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5B
		Cyanide, Total Recoverable	2018		5/5C
		Polychlorinated Biphenyls (PCBs)	2006		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2004		5/5B
		Radium	2018		5/5C
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2006		5/5C
		Mercury, Total	2006		5/5C
		Cyanide, Total Recoverable	2018		5/5C
AU Comment: None.					

Los Alamos Canyon (San Ildefonso bnd to NM-4)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_000	20.6.4.98	STREAM, INTERMITTENT	0.75 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Los Alamos Canyon (upper LANL bnd to Los Alamos Rsvr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_049	20.6.4.98	STREAM, INTERMITTENT	1.05 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Los Alamos Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_077	20.6.4.127	RESERVOIR	2.21 ACRES	2018	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Lost Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_13	20.6.4.133	LAKE, FRESHWATER	8.62 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Mallette Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_704	20.6.4.123	STREAM, PERENNIAL	4.73 MILES	2002	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Manzanita Creek (Rio Hondo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_441	20.6.4.123	STREAM, PERENNIAL	3.36 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Middle Fk Rio Santa Barbara (R Santa Barbara to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_423	20.6.4.123	STREAM, PERENNIAL	4.53 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_55	20.6.4.133	LAKE, FRESHWATER	8.29 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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 Middle Fork Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_714	20.6.4.123	STREAM, PERENNIAL	2.71 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Nambe Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_10	20.6.4.133	LAKE, FRESHWATER	1.51 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_087	20.6.4.133	LAKE, FRESHWATER	0.64 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Nat Lake IV			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_088	20.6.4.133	LAKE, FRESHWATER	0.58 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

No Fish Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_65	20.6.4.133	LAKE, FRESHWATER	0.86 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

North Fork Tesuque Creek (Tesuque Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_32	20.6.4.121	STREAM, PERENNIAL	2.4 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Industrial water supply and municipal water supply may not be actual uses for this stream reach.

Pioneer Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_703	20.6.4.123	STREAM, PERENNIAL	5.36 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2012	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity.

Pioneer Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_97	20.6.4.133	LAKE, FRESHWATER	1.08 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Placer Creek (Red River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_706	20.6.4.123	STREAM, PERENNIAL	3.41 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Placer Fork (Columbine Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_444	20.6.4.123	STREAM, PERENNIAL	4.07 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Pojoaque River (San Ildefonso bnd to Pojoaque bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_20	20.6.4.114	STREAM, PERENNIAL	0.68 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012	2021 (est.)	5/5A
PC	Fully Supporting				
WWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Policarpio Canyon (La Junta Ck to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_443	20.6.4.123	STREAM, PERENNIAL	3.58 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Powderhouse Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_832	20.6.4.123	STREAM, PERENNIAL	5.15 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

Pueblo Canyon (Acid Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_043	20.6.4.98	STREAM, INTERMITTENT	3.78 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2002		5/5B
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2006		5/5C
		Aluminum, Total Recoverable	2018		5/5B
		Copper, Dissolved	2018		5/5B
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2006		5/5C

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals listings based on exceedences of acute criteria.

Pueblo Canyon (Los Alamos Canyon to Los Alamos WWTP)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-99.A_001	20.6.4.98	STREAM, INTERMITTENT	2.78 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5C
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Selenium, Total Recoverable	2018		5/5C
		Aluminum, Total Recoverable	2018		5/5B
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Selenium, Total Recoverable	2018		5/5C

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals ALU listings based on exceedences of acute criteria.

Pueblo Canyon (Los Alamos WWTP to Acid Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_006	20.6.4.98	STREAM, INTERMITTENT	3.27 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C

AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

Red River (Placer Creek to East Fork Red River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_710	20.6.4.123	STREAM, PERENNIAL	6.01 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Benthic Macroinvertebrates	2020		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Red River (Rio Grande to Placer Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_10	20.6.4.122	STREAM, PERENNIAL	21.16 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Turbidity Aluminum, Total Recoverable	2020 2018	2021 (est.)	5/5A 5/5C
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for dissolved aluminum 2006 (withdrawn in 2013 because dissolved aluminum criteria no longer apply).

Rendija Canyon (Guaje Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_045	20.6.4.98	STREAM, INTERMITTENT	8.9 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Rio Chiquito (Picuris Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_421	20.6.4.123	STREAM, PERENNIAL	10.91 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Rio Chiquito (Rio Grande del Rancho to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_502	20.6.4.123	STREAM, PERENNIAL	19.13 MILES	2002	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rio Chupadero (USFS bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_40	20.6.4.121	STREAM, PERENNIAL	6.05 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_512	20.6.4.123	STREAM, PERENNIAL	5.21 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	1998	12/17/2004	4A
		Specific Conductance	1998	12/17/2004	4A
		Turbidity	2020		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/13/2012	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for temperature and specific conductance.

Rio Fernando de Taos (Tienditas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_001	20.6.4.123	STREAM, PERENNIAL	6.84 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2008	9/13/2012	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: 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). NMEDs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_513	20.6.4.123	STREAM, PERENNIAL	11.54 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Specific Conductance Temperature	2020 2020	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Not Assessed				
AU Comment: NMEDs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_60	20.6.4.121	STREAM, PERENNIAL	15.35 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_12	20.6.4.114	RIVER	15.35 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Turbidity	2012		5/5C
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Grande (Klauer) spring			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-132.S_01	20.6.4.132	SPRING	0 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
DWS	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: Limited data collection during 2009 URG survey (e. coli, gross alpha, and cyanide only).

Rio Grande (Ohkay Owingeh bnd to Embudo Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_10	20.6.4.114	RIVER	14.07 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Turbidity Mercury - Fish Consumption Advisory DDT - Fish Consumption Advisory	1998 2020 2020	6/2/2005	4A 5/5C 5/5C
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Not Supporting	DDT - Fish Consumption Advisory	2020		5/5C
WH	Fully Supporting				
AU Comment: TMDL for turbidity. Fish Tissue Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_05	20.6.4.122	RIVER	29.2 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2004	12/17/2004	4A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for temperature.					

Rio Grande (Rio Pueblo de Taos to Red River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_00	20.6.4.122	RIVER	23.29 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	pH Temperature	2020 2020	2021 (est.)	5/5C 5/5A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_11	20.6.4.114	RIVER	0.69 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Turbidity Temperature Mercury - Fish Consumption Advisory	1998 2020 2020	6/2/2005 2021 (est.)	4A 5/5A 5/5C
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity. Fish Tissue Advisory listings are based on NMs 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 (R Pueblo de Taos to Rito de la Olla)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_501	20.6.4.123	STREAM, PERENNIAL	10.57 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Dissolved oxygen Temperature Specific Conductance	2020 2012 2004	2021 (est.) 2021 (est.) 12/17/2004	5/5A 5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: TMDL for specific conductance.

Rio Grande del Rancho (Rito de la Olla to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_500	20.6.4.123	STREAM, PERENNIAL	17.49 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Hondo (Lake Fork Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_607	20.6.4.129	STREAM, PERENNIAL	1.92 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Hondo (Rio Grande to USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_600	20.6.4.129	STREAM, PERENNIAL	8.74 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002	12/17/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature.

Rio Hondo (South Fork Rio Hondo to Lake Fork Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_602	20.6.4.129	STREAM, PERENNIAL	3.97 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A protectiveTMDL was prepared for nutrients in 2005.

Rio Hondo (USFS bnd to South Fork Rio Hondo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_601	20.6.4.129	STREAM, PERENNIAL	4.54 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Medio (Rio Frijoles to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_53	20.6.4.121	STREAM, PERENNIAL	17.88 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature Turbidity	2020 2020 2020	2021 (est.) 2021 (est.) 2021 (est.)	5/5A 5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Nambe (Nambe Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_43	20.6.4.121	STREAM, PERENNIAL	9.23 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Reach is difficult to access. Watershed impacted by 2012 Santa Fe National Forest Pacheco Fire.

Rio Pueblo (Picuris Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_410	20.6.4.123	STREAM, PERENNIAL	20.44 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature	2020 2020	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					
Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_30	20.6.4.122	STREAM, PERENNIAL	5.46 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature Nutrients	2004 2012	12/17/2004 2021 (est.)	4A 5/5A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for temperature and sedimentation/siltation (SBD).					

Rio Pueblo de Taos (R Grande del Rancho to Taos Pueblo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_511	20.6.4.123	STREAM, PERENNIAL	3.09 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2004	12/17/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/13/2012	4A
WH	Fully Supporting				

AU Comment: TMDL for temperature.

Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2119_20	20.6.4.122	STREAM, PERENNIAL	2.38 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Turbidity	2020	2021 (est.)	5/5A
		Temperature	2004	12/17/2004	4A
		Dissolved oxygen	2020	2021 (est.)	5/5A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature.

Rio Quemado (Rio Arriba Cnty bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_120	20.6.4.123	STREAM, PERENNIAL	16.34 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_52	20.6.4.121	STREAM, PERENNIAL	3.84 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/13/2012	4A
WH	Fully Supporting				

AU Comment: TMDL for E. coli.

Rio Santa Barbara (USFS bnd to confl of E and W forks)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_420	20.6.4.123	STREAM, PERENNIAL	5.33 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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 Santa Barbara (non-pueblo Embudo Ck to USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_419	20.6.4.123	STREAM, PERENNIAL	4.34 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity (2005, de-list 2012) and E. coli (2012).

Rio Tesuque (Pojoaque Pueblo to Tesuque Pueblo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_30	20.6.4.114	STREAM, PERENNIAL	1.4 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Not Assessed				
MCWAL	Fully Supporting				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Marginal CWAL and WWAL may not be attainable -- reach may not be perennial.

Rio Tesuque (Tesuque Pueblo to Little Tesuque Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_31	20.6.4.114	STREAM, PERENNIAL	2.08 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio de Truchas (Perennial portions Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_300	20.6.4.123	STREAM, PERENNIAL	22.97 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio de las Trampas (Rio Embudo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_401	20.6.4.123	STREAM, PERENNIAL	18.68 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio en Medio (Aspen Ranch to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_42	20.6.4.121	STREAM, PERENNIAL	3.09 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rio en Medio (non-pueblo lands Pojoaque R to Aspen Ranch)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_41	20.6.4.121	STREAM, PERENNIAL	6.84 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rito de la Olla (Rio Grande del Rancho to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_503	20.6.4.123	STREAM, PERENNIAL	14.47 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Romero Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_05	20.6.4.123	LAKE, FRESHWATER	2.61 ACRES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Cristobal Creek (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_680	20.6.4.123	STREAM, PERENNIAL	10.29 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

San Leonardo Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_14	20.6.4.133	LAKE, FRESHWATER	4.6 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Sanchez Canyon (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_822	20.6.4.123	STREAM, PERENNIAL	6.32 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Santa Clara Creek (Santa Clara Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_110	20.6.4.123	STREAM, PERENNIAL	0.88 MILES	2004	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Santa Cruz Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_00	20.6.4.121	RESERVOIR	92.95 ACRES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2020	2021 (est.)	5/5A
		Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
		Temperature	2012	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Santa Cruz River (Santa Clara Pueblo bnd to Santa Cruz Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_50	20.6.4.114	STREAM, PERENNIAL	8.37 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
		Temperature	2012	2021 (est.)	5/5A
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_51	20.6.4.121	STREAM, PERENNIAL	1.01 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature	2020 2020	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Serpent Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_95	20.6.4.133	LAKE, FRESHWATER	0.84 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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 Acid Canyon (Acid Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_029	20.6.4.98	STREAM, INTERMITTENT	0.09 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2014		5/5B
MWWAL	Not Supporting	Copper, Dissolved Polychlorinated Biphenyls (PCBs)	2014 2014		5/5B 5/5C
PC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2014		5/5C
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals listings based on exceedences of acute criteria.					
South Fork Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_58	20.6.4.133	LAKE, FRESHWATER	0.6 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

South Fork Rio Hondo (Rio Hondo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_608	20.6.4.129	STREAM, PERENNIAL	4.9 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

South Fork Tesuque Creek (Tesuque Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_33	20.6.4.121	STREAM, PERENNIAL	1.38 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Tesuque Creek (Rio Tesuque to confl of forks)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_31	20.6.4.121	STREAM, PERENNIAL	7.55 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_515	20.6.4.99	STREAM, PERENNIAL	6.62 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Trampas Lake (East)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_86	20.6.4.133	LAKE, FRESHWATER	2.6 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Trampas Lake (West)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_85	20.6.4.133	LAKE, FRESHWATER	2.66 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Unnamed Arroyo (Rio Pueblo de Taos to Taos WWTP)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-99.A_005	20.6.4.98	STREAM, INTERMITTENT	2.8 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Fully Supporting				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: This channel is effluent-dominated, with batch discharge and periods of no discharge due to reuse at the golf course.

Ute Creek (Costilla Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_821	20.6.4.123	STREAM, PERENNIAL	9.01 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Vidal Creek (Comanche Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_841	20.6.4.123	STREAM, PERENNIAL	5.85 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2014	2021 (est.)	5/5A
		Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
		Dissolved oxygen	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

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

Walnut Canyon (Pueblo Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_004	20.6.4.98	STREAM, INTERMITTENT	0.38 MILES	2014	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs) Copper, Dissolved	2010 2014		5/5C 5/5B
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC. Metals listings based on exceedences of acute criteria.					
West Fk Rio Santa Barbara (R Santa Barbara to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_422	20.6.4.123	STREAM, PERENNIAL	6.58 MILES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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 (Middle Fork Red R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.A_713	20.6.4.123	STREAM, PERENNIAL	2.77 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Williams Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020101 Upper Rio Grande	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2120.B_75	20.6.4.133	LAKE, FRESHWATER	5.94 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_50	20.6.4.116	STREAM, PERENNIAL	12.99 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Dissolved oxygen	1998	9/3/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Dissolved oxygen	1998	9/3/2004	4A
WH	Fully Supporting				
AU Comment: TMDL for dissolved oxygen. Impacts to watershed in 2012.					
Abiquiu Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2114_00	20.6.4.117	RESERVOIR	3257.91 ACRES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	PCBS - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2006 2010		5/5C 5/5C
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	PCBS - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2006 2010		5/5C 5/5C
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_006	20.6.4.98	STREAM, INTERMITTENT	6.89 MILES	2012	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012		5/5C
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC..					
Burns Lake (Rio Arriba)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_025	20.6.4.99	RESERVOIR	1.59 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2014	2021 (est.)	5/5A
WH	Fully Supporting				
AU Comment: None.					
Canada de Horno (Rio Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_005	20.6.4.98	STREAM, INTERMITTENT	3.99 MILES	2012	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012		5/5C
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					

Canjilon Ck (Perennial portions Abiquiu Rsrv to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_030	20.6.4.119	STREAM, PERENNIAL	37.43 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2006		5/5C
		Temperature	2006	8/16/2011	4A
		Nutrients	2010		5/5C
		Specific Conductance	2006	8/16/2011	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs prepared for temperature and SC in 2011.

Canjilon Lake (a)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_10	20.6.4.134	RESERVOIR	5.11 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Canjilon Lake (b)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_11	20.6.4.119	RESERVOIR	1.67 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canjilon Lake (c)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_12	20.6.4.134	RESERVOIR	4.04 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canjilon Lake (d)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_13	20.6.4.119	RESERVOIR	1.21 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canjilon Lake (e)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_14	20.6.4.134	RESERVOIR	4.69 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canjilon Lake (f)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_15	20.6.4.134	RESERVOIR	2.77 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

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

Canones Creek (Abiquiu Rsvr to Chihuahuenos Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_010	20.6.4.119	STREAM, PERENNIAL	8.35 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2014		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: TMDLs for Al chronic, turbidity, and fecal coliform. Coolwater ALU may be the attainable ALU - WQS needed.

Canones Creek (Chihuahuenos Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_012	20.6.4.119	STREAM, PERENNIAL	11.54 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canones Creek (Rio Chama to Jicarilla Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_100	20.6.4.119	STREAM, PERENNIAL	8.38 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2014		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Cecilia Canyon Creek (Rio Capulin to USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_042	20.6.4.119	STREAM, PERENNIAL	5.08 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Chavez Creek (Rio Brazos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_081	20.6.4.119	STREAM, PERENNIAL	13.09 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2004	3/4/2004	4A
IRR	Fully Supporting				
LW	Not Assessed				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature. HQCWAL may not be attainable.

Chihuahueros Creek (Canones Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_016	20.6.4.119	STREAM, PERENNIAL	9.53 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Sedimentation/Siltation	2014 2014	2023 (est.)	5/5C 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Clear Creek (Rio Gallina to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_043	20.6.4.119	STREAM, PERENNIAL	3.57 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Coyote Creek (Rio Puerco de Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_022	20.6.4.119	STREAM, PERENNIAL	15.68 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

East Fork Rio Brazos (Jicarilla Apache bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_088	20.6.4.119	STREAM, PERENNIAL	8.64 MILES	2000	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

EI Rito Creek (Perennial reaches HWY 554 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_20	20.6.4.115	STREAM, PERENNIAL	23.96 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2014		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	2023 (est.)	5/5A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

EI Rito Creek (Perennial reaches Rio Chama to HWY 554)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_40	20.6.4.116	STREAM, PERENNIAL	13.72 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	2014		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2014		5/5C
WH	Fully Supporting				

AU Comment: None.

El Vado Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2117_00	20.6.4.120	RESERVOIR	3108.43 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Heron Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2117_10	20.6.4.120	RESERVOIR	4497.01 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2014	2021 (est.)	5/5A
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Hopewell Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.B_00	20.6.4.134	RESERVOIR	15.66 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2014	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Jarosa Creek (Rio Vallecitos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_01	20.6.4.115	STREAM, PERENNIAL	7.29 MILES	2000	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Little Willow Creek (Rio Chama to to Jicarilla Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_120	20.6.4.119	STREAM, PERENNIAL	0.45 MILES	2000	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F.					
Nabor Creek (Rio Chamita to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_111	20.6.4.98	STREAM, INTERMITTENT	3.25 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Nabor Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_20	20.6.4.119	RESERVOIR	4.46 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Placer Creek (Hopewell Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_03	20.6.4.115	STREAM, PERENNIAL	4.93 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Placer Creek (Rio Vallecitos to Hopewell Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_02	20.6.4.115	STREAM, PERENNIAL	2.48 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Poleo Creek (Rio Puerco de Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_023	20.6.4.119	STREAM, PERENNIAL	8.01 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity (2004).

Polvadera Creek (Canones Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_011	20.6.4.119	STREAM, PERENNIAL	14.27 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature (2004).

Rio Brazos (Chavez Creek to Jicarilla Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_084	20.6.4.119	STREAM, PERENNIAL	22.7 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rio Brazos (Rio Chama to Chavez Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_080	20.6.4.119	STREAM, PERENNIAL	3.93 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	3/4/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for temperature (approved by EPA March 2004)

Rio Capulin (Rio Gallina to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_041	20.6.4.119	STREAM, PERENNIAL	12.6 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	8/16/2011	4A
WH	Fully Supporting				

AU Comment: TMDL prepared for e. coli (2011).

Rio Cebolla (Rio Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_050	20.6.4.119	STREAM, PERENNIAL	23.46 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Chama (Abiquiu Reservoir to El Vado Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2115_00	20.6.4.118	RIVER	37.35 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Chama (El Vado Reservoir to Rito de Tierra Amarilla)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_003	20.6.4.119	STREAM, PERENNIAL	9.54 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients Temperature	2010 2010	8/16/2011 8/16/2011	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	8/16/2011	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for e. coli , nutrients, and temperature in 2011.

Rio Chama (Little Willow Creek to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_002	20.6.4.119	STREAM, PERENNIAL	9.01 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2010	8/16/2011	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for e. coli and temperature in 2011.

Rio Chama (Ohkay Owingeh to Abiquiu Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_00	20.6.4.116	RIVER	28.3 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Rio Chama (Rio Brazos to Little Willow Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_001	20.6.4.119	STREAM, PERENNIAL	13.42 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	3/4/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for temperature (2004), and e. coli and nutrients (2011).					

Rio Chama (Rito de Tierra Amarilla to Rio Brazos)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_000	20.6.4.119	STREAM, PERENNIAL	6.43 MILES	2010	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients Temperature	2010 2010	8/16/2011 8/16/2011	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	8/16/2011	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for e. coli , nutrients, and temperature in 2011.

Rio Chamita (Rio Chama to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_110	20.6.4.119	STREAM, PERENNIAL	13.87 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients Temperature Ammonia, Total	2006 1998 1998	8/16/2011 12/31/1999 9/30/1999	4A 4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	8/16/2011	4A
WH	Fully Supporting				

AU Comment: TMDL for ammonia, total phosphorus, fecal coliform, temp (1999), and dissolved aluminum (2004). TMDLs were prepared for e. coli and nutrients (2011). Dissolved Al TMDL withdrawn 2018 because no longer an applicable WQC.

Rio Gallina (HWY 96 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_040	20.6.4.119	STREAM, PERENNIAL	9.67 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Gallina (Perennial prt Rio Chama to HWY 96)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2115_10	20.6.4.118	STREAM, PERENNIAL	27.63 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Nutrias (Perennial prt Rio Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_060	20.6.4.119	STREAM, PERENNIAL	41.06 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2004	9/3/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: TMDL for turbidity (2004).

Rio Ojo Caliente (Arroyo El Rito to Rio Vallecitos)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_10	20.6.4.116	STREAM, PERENNIAL	8.68 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2014	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Rio Ojo Caliente (Rio Chama to Arroyo El Rito)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_11	20.6.4.98	STREAM, INTERMITTENT	16.05 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Puerco de Chama (Abiquiu Reservoir to HWY 96)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2115_20	20.6.4.118	STREAM, PERENNIAL	13.55 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients Temperature	2010 1998	8/16/2011	5/5C 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	8/16/2011	4A
WWAL	Not Supporting	Nutrients	2010		5/5C
WH	Fully Supporting				

AU Comment: TMDLs prepared for temperature and e. coli (2011).

Rio Puerco de Chama (HWY 96 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_020	20.6.4.119	STREAM, PERENNIAL	12.47 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Tusas (Perennial prt Rio Vallecitos to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2113_30	20.6.4.116	STREAM, PERENNIAL	46.34 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients Temperature	2010 2016	8/16/2011 2023 (est.)	4A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2010	8/16/2011	4A
WH	Fully Supporting				

AU Comment: TMDL was prepared for nutrients (2011).

Rio Vallecitos (Rio Tusas to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_00	20.6.4.115	STREAM, PERENNIAL	36.77 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	1998	9/3/2004	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for AI chronic, temperature, and turbidity. HQCWAL may not be attainable - WQS review needed.

Rio del Oso (Perennial prt Canada del Cerro to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_11	20.6.4.115	STREAM, PERENNIAL	9.79 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio del Oso (Rio Chama to Canada del Cerro)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2112.A_10	20.6.4.98	STREAM, INTERMITTENT	8.43 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012		5/5C
PC	Not Assessed				
WH	Not Assessed				

AU Comment: DOE-OB submitted PCB data for the 2012 listing cycle.

Rito Encino (Rio Puerco de Chama to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_021	20.6.4.119	STREAM, PERENNIAL	10.3 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Sedimentation/Siltation	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014		5/5C
WH	Fully Supporting				

AU Comment: None.

Rito Redondo (Rito Resumidero to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_026	20.6.4.119	STREAM, PERENNIAL	2.85 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rito Resumidero (Perennial prt R Puerco de Chama to hdwt)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_025	20.6.4.119	STREAM, PERENNIAL	5.55 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Supporting	Flow Regime Modification	2014		4C
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: The entire stream is diverted just upstream of the SWQB historic sampling station.

Rito de Tierra Amarilla (HWY 64 to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_072	20.6.4.119	STREAM, PERENNIAL	6.27 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Aluminum, Total Recoverable	2014 2014	2023 (est.)	5/5A 5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rito de Tierra Amarilla (Rio Chama to HWY 64)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_070	20.6.4.119	STREAM, PERENNIAL	18.39 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Specific Conductance Nutrients Sedimentation/Siltation Turbidity	1998 2014 2016 1998 1998	3/4/2004	4A 5/5B 5/5C 4A 4A
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for temperature, turbidity, and sedimentation/siltation (2004). WQS review recommended-Cool water ALU more appropriate on basis of ecoregion (21d) and fish community.

Sixto Creek (Rio Chamita to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_112	20.6.4.119	STREAM, PERENNIAL	0.97 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2014	2023 (est.)	5/5A
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Tonita Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_40	20.6.4.119	LAKE, FRESHWATER	0.58 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Trout Lakes			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.B_32	20.6.4.99	RESERVOIR	2.35 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: This AU is comprised of three separate lakes.

West Fork Rio Brazos (Jicarilla Apache bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_087	20.6.4.119	STREAM, PERENNIAL	7.72 MILES	2000	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Willow Creek (Jicarilla Apache bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_140	20.6.4.119	STREAM, PERENNIAL	16.81 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Wolf Creek (Rio Chama to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020102 Rio Chama	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2116.A_130	20.6.4.119	STREAM, PERENNIAL	5.14 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 13020201 Rio Grande-Santa Fe

Alamo Canyon (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_71	20.6.4.121	STREAM, PERENNIAL	15.15 MILES	2004	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Alamo Creek (Cienega Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2110_20	20.6.4.113	STREAM, PERENNIAL	6.67 MILES	2004	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Assessed				
SC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Ancho Canyon (North Fork to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_046	20.6.4.128	STREAM, EPHEMERAL	4.49 MILES	2014	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Assessed				
SC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Ancho Canyon (Rio Grande to North Fork Ancho)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_054	20.6.4.128	STREAM, EPHEMERAL	2.45 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2014		5/5C
LW	Fully Supporting				
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs) Mercury, Total	2014 2018		5/5C 5/5C

AU Comment: None.

Apache Canyon (perennial prt Galisteo Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_14	20.6.4.121	STREAM, PERENNIAL	11.58 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Arroyo Hondo (south of Old Pecos Trail to headwater)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2110_11	20.6.4.98	STREAM, INTERMITTENT	9.2 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Arroyo de la Delfe (Pajarito Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_16	20.6.4.128	STREAM, EPHEMERAL	0.61 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Copper, Dissolved	2018		5/5B
		Polychlorinated Biphenyls (PCBs)	2018		5/5C
		Aluminum, Total Recoverable	2018		5/5B
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2018		5/5C

AU Comment: None.

Canada del Buey (San Ildefonso Pueblo to LANL bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_053	20.6.4.98	STREAM, INTERMITTENT	1.68 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

Canada del Buey (within LANL)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_00	20.6.4.128	STREAM, EPHEMERAL	5.26 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5B
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Canada del Rancho (Arroyo Hondo to outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_0121	20.6.4.98	STREAM, INTERMITTENT	1.28 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Receiving water for Ranchland Utility Company - NM0030368.

Canon de Valle (LANL gage E256 to Burning Ground Spr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-126.A_00	20.6.4.126	STREAM, PERENNIAL	0.31 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Fully Supporting				
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C

AU Comment: None.

Canon de Valle (below LANL gage E256)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_01	20.6.4.128	STREAM, EPHEMERAL	2.45 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5B
SC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Canon de Valle (upper LANL bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_051	20.6.4.98	STREAM, INTERMITTENT	3.5 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
MWWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Canon de Valle (within LANL above Burning Ground Spr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_02	20.6.4.128	STREAM, EPHEMERAL	1.1 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Capulin Creek (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_72	20.6.4.121	STREAM, PERENNIAL	13.64 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_03	20.6.4.128	STREAM, EPHEMERAL	3 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2018		5/5C
LW	Fully Supporting				
SC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					
Cienega Creek (Perennial prt of Santa Fe R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2110_10	20.6.4.113	STREAM, PERENNIAL	14.35 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Middle reaches often go dry due to diversion.					

Cunningham Gulch (CR 55 to above mine area)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_011	20.6.4.97	STREAM, EPHEMERAL	2.57 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. LAC Minerals permit NM0028711					
Deer Creek (Galisteo Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_13	20.6.4.98	STREAM, INTERMITTENT	6.14 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Effluent Canyon (Mortandad Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_18	20.6.4.128	STREAM, INTERMITTENT	0.38 MILES	2020	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Fence Canyon (above Potrillo Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_04	20.6.4.128	STREAM, EPHEMERAL	2.99 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Fish Ladder Canyon (Canon del Valle to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_19	20.6.4.128	STREAM, INTERMITTENT	0.96 MILES	2020	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Galisteo Ck (Perennial prt 2.2 mi abv Lamy to hdwts)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_12	20.6.4.121	STREAM, PERENNIAL	10.68 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	1998	8/22/2017	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature (2017).

Galisteo Ck (Perennial prt Kewa bnd to San Cristobal Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_10	20.6.4.139	STREAM, PERENNIAL	20.76 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Temperature	1998	8/22/2017	4A
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Application of the SWQB Hydrology Protocol at various locations in this AU indicate this AU has perennial, intermittent and ephemeral portions - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). TMDL for temperature (2017).					
Galisteo Ck (Perennial prt San Cristobal to 2.2 mi abv Lamy)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_15	20.6.4.139	STREAM, PERENNIAL	12.57 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Temperature	1998	8/22/2017	4A
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Application of the SWQB Hydrology Protocol at various locations in this AU indicate this AU has perennial, intermittent and ephemeral portions - see http://www.nmenv.state.nm.us/swqb/Hydrology/ for additional details on the protocol). TMDL for temperature (2017).					

Indio Canyon (above Water Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_05	20.6.4.128	STREAM, EPHEMERAL	1.17 MILES	2010	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Las Huertas Ck (Perennial prt Santa Ana bnd to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2108.5_00	20.6.4.111	STREAM, PERENNIAL	14.61 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
HQColdWAL	Not Supporting	Flow Regime Modification	2018		4C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Lummis Canyon (Upper Trail to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_001	20.6.4.98	STREAM, INTERMITTENT	8.62 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

McClure Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_50	20.6.4.138	RESERVOIR	84.87 ACRES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Not Assessed				
AU Comment: This AU was reclassified from segment 121 into a new segment 138. Amendment was effective February 14, 2013. EPA approved the changes June 5, 2013.					
Medio Creek (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_73	20.6.4.121	STREAM, PERENNIAL	6.59 MILES	2004	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Mortandad Canyon (within LANL)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_042	20.6.4.128	STREAM, EPHEMERAL	4.32 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Copper, Dissolved Polychlorinated Biphenyls (PCBs)	2010 2014		5/5B 5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2004		5/5B
SC	Not Assessed				
WH	Not Supporting	Mercury, Total Polychlorinated Biphenyls (PCBs)	2018 2014		5/5C 5/5C

AU Comment: None.

Nichols Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_40	20.6.4.138	RESERVOIR	26.27 ACRES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Not Assessed				

AU Comment: This AU was reclassified from segment 121 into a new segment 138. Amendment was effective February 14, 2013. EPA approved the changes June 5, 2013.

North Fork Ancho Canyon (Ancho Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_055	20.6.4.128	STREAM, EPHEMERAL	3.88 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
AU Comment: None.					
Pajarito Canyon (Arroyo de La Delfe to Starmers Gulch)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-126.A_01	20.6.4.126	STREAM, PERENNIAL	0.33 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
LW	Fully Supporting				
SC	Not Assessed				
WH	Fully Supporting				
AU Comment: Spring fed.					
Pajarito Canyon (Lower LANL bnd to Two Mile Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_08	20.6.4.128	STREAM, EPHEMERAL	5.01 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5B
		Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Copper, Dissolved	2018		5/5B
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Cyanide, Total Recoverable	2018		5/5C
AU Comment: Metals listings based on exceedences of acute criteria.					

Pajarito Canyon (Rio Grande to LANL bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_040	20.6.4.98	STREAM, INTERMITTENT	2.95 MILES	2014	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Pajarito Canyon (Two Mile Canyon to Arroyo de La Delfe)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_06	20.6.4.128	STREAM, INTERMITTENT	2.09 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Copper, Dissolved	2016		5/5B
		Silver, Dissolved	2018		5/5C
		Polychlorinated Biphenyls (PCBs)	2016		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5B
SC	Not Assessed				
WH	Fully Supporting				
AU Comment: Metals listings based on exceedences of acute criteria.					
Pajarito Canyon (upper LANL bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_048	20.6.4.98	STREAM, INTERMITTENT	2.6 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
PC	Not Assessed				
WWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Cyanide, Total Recoverable	2018		5/5C
		Aluminum, Total Recoverable	2018		5/5B
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
		Mercury, Total	2018		5/5C
AU Comment: None.					

Pajarito Canyon (within LANL above Starmers Gulch)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_07	20.6.4.128	STREAM, INTERMITTENT	1.13 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5C
SC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Potrillo Canyon (above Water Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_09	20.6.4.128	STREAM, EPHEMERAL	6.45 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5C
SC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rio Chiquito (Cochiti Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_041	20.6.4.98	STREAM, INTERMITTENT	14.31 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

Rio Grande (Cochiti Reservoir to San Ildefonso bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2111_00	20.6.4.114	RIVER	18.2 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2012	2021 (est.)	5/5A
MCWAL	Not Supporting	Turbidity	2004	2021 (est.)	5/5C
		Temperature	2020		5/5A
		Selenium, Total Recoverable	2016		5/5C
		Mercury - Fish Consumption Advisory	2020	5/5C	
		Polychlorinated Biphenyls (PCBs)	2012	2021 (est.)	5/5A
		Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2020		5/5C
WH	Not Supporting	Selenium, Total Recoverable	2016		5/5C

AU Comment: Some of the impairment listings are based solely on stormwater data. Procedures are in place, under the purview of the Buckman Direct Diversion Board, that are intended to not allow public water supply withdrawal from the Buckman Diversion during significant storm events. Fish Tissue Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable". Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande (non-pueblo Angostura Div to Cochiti Rsrv)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2108_00	20.6.4.110	RIVER	2.41 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2016	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2016	2023 (est.)	5/5A
PC	Fully Supporting				
WWAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2016	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: There is only ~1.5 miles of non-pueblo stream reach between Angostura Diversion and Cochiti Reservoir.

Rito de los Frijoles (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_70	20.6.4.121	STREAM, PERENNIAL	14.33 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	DDT - Fish Consumption Advisory	2004		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: The National Park Service continues to have a fishing ban in effect due to legacy DDT contamination as well as protection of cultural and natural resources.

S-Site Canyon (Water Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_20	20.6.4.128	STREAM, INTERMITTENT	2.15 MILES	2020	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Cristobal Creek (Galisteo Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_11	20.6.4.98	STREAM, INTERMITTENT	23.7 MILES	2004	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Pedro Creek (San Felipe bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_004	20.6.4.125	STREAM, PERENNIAL	25.78 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Sandia Canyon (Sigma Canyon to NPDES outfall 001)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_047	20.6.4.126	STREAM, PERENNIAL	2.73 MILES	2020	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Aluminum, Total Recoverable	2018		4B
		Temperature	2018		5/5B
		Copper, Dissolved	2010		4B
		Polychlorinated Biphenyls (PCBs)	2006		5/5C
LW	Fully Supporting				
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2006		5/5C
AU Comment: None.					
Sandia Canyon (within LANL below Sigma Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_11	20.6.4.128	STREAM, EPHEMERAL	3.4 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2018		4B
		Polychlorinated Biphenyls (PCBs)	2006		5/5C
		Copper, Dissolved	2018		4B
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5C
SC	Not Assessed				
WH	Not Supporting	Mercury, Total	2006		4B
		Polychlorinated Biphenyls (PCBs)	2006		5/5C
AU Comment: None.					

Santa Fe Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.B_30	20.6.4.133	LAKE, FRESHWATER	3.82 ACRES	2014	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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 (Cienega Creek to Santa Fe WWTP)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2110_00	20.6.4.113	STREAM, PERENNIAL	7.35 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2008	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	5/3/2017	4A
WH	Fully Supporting				

AU Comment: TMDL for SBD (sedimentation/siltation), DO, pH, and chlorine. TMDL for E. coli (2017). Santa Fe River below the WWTP is effluent-dominated.

Santa Fe River (Cochiti Pueblo bnd to Cienega Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2110_02	20.6.4.113	STREAM, PERENNIAL	5.92 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2008	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for SBD (sedimentation/siltation) (2000), DO, and pH.					
Santa Fe River (Guadalupe St to Nichols Rsvr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_062	20.6.4.137	STREAM, INTERMITTENT	4.43 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Aluminum, Total Recoverable Polychlorinated Biphenyls (PCBs)	2016 2018	2023 (est.) 2023 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	5/3/2017	4A
WH	Fully Supporting				
AU Comment: TMDL for E. coli (2017).					

Santa Fe River (Nichols Reservoir to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2118.A_21	20.6.4.121	STREAM, PERENNIAL	13.39 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: A WQS review may be warranted in this "closed" municipal drinking water supply watershed.					
Santa Fe River (Santa Fe WWTP to Guadalupe St)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_061	20.6.4.136	STREAM, EPHEMERAL	10.16 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LAL	Not Supporting	Aluminum, Total Recoverable	2016	2023 (est.)	5/5A
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	5/3/2017	4A
WH	Fully Supporting				
AU Comment: TMDL for E. coli (2017).					
Starmers Gulch (Pajarito Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_21	20.6.4.128	STREAM, INTERMITTENT	0.32 MILES	2020	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Ten Site Canyon (Mortandad Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_17	20.6.4.128	STREAM, EPHEMERAL	1.53 MILES	2014	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
AU Comment: None.					

Three Mile Canyon (Pajarito Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_091	20.6.4.128	STREAM, EPHEMERAL	2.33 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5C
SC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Two Mile Canyon (Pajarito to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_15	20.6.4.128	STREAM, EPHEMERAL	3.46 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Copper, Dissolved	2018		5/5B
		Aluminum, Total Recoverable	2018		5/5B
		Polychlorinated Biphenyls (PCBs)	2010		5/5C
LW	Not Supporting	Gross Alpha, Adjusted	2010		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2010		5/5C
AU Comment: Metals listings based on exceedences of acute criteria.					

Unnamed tributary (Arroyo Hondo to Oshara outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_012	20.6.4.97	STREAM, EPHEMERAL	0.36 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Oshara Village water reclamation facility, permit NM0030813					
Unnamed tributary (San Pedro Cr to PAAKO outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_013	20.6.4.97	STREAM, EPHEMERAL	1.86 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. PAA-KO comm sewer assoc, permit NM0029724					
Water Canyon (Area-A Canyon to NM 501)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-126.A_03	20.6.4.126	STREAM, PERENNIAL	1.31 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
LW	Fully Supporting				
SC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Water Canyon (Rio Grande to lower LANL bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_044	20.6.4.98	STREAM, INTERMITTENT	0.57 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Water Canyon (upper LANL bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_052	20.6.4.98	STREAM, INTERMITTENT	2.91 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Aluminum, Total Recoverable	2018		5/5C
PC	Not Assessed				
WH	Not Supporting	Mercury, Total	2018		5/5C
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_12	20.6.4.128	STREAM, INTERMITTENT	0.03 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Water Canyon (within LANL below Area-A Cyn)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020201 Rio Grande-Santa Fe	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-128.A_13	20.6.4.128	STREAM, EPHEMERAL	8.81 MILES	2018	
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Polychlorinated Biphenyls (PCBs) Aluminum, Total Recoverable	2010 2018		5/5C 5/5B
LW	Not Supporting	Gross Alpha, Adjusted	2006		5/5B
SC	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs) Mercury, Total	2010 2018		5/5C 5/5C

AU Comment: None.

HUC: 13020202 Jemez

American Creek (Rio de las Palomas to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_44	20.6.4.98	STREAM, INTERMITTENT	4.99 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: De-list for SBD (sedimentation/siltation), temperature, and turbidity. Coldwater ALU is an existing use (salmonids seen during 2013 survey). WQS review needed.

Calaveras Creek (Rio Cebolla to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_53	20.6.4.108	STREAM, PERENNIAL	9.51 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					

Clear Creek (Rio de las Vacas to San Gregorio Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_54	20.6.4.108	STREAM, PERENNIAL	5.37 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Nutrients	2016 2016	2023 (est.) 9/23/2016	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WH	Fully Supporting				
AU Comment: TMDL for turbidity and TOC (2003). The lake level dropped and no longer spills water into Clear Creek. Water is drained from the lake into Nacimiento Creek by a stand pipe. This AU is not perennial for its entire length.					

Clear Creek (San Gregorio Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_55	20.6.4.108	STREAM, PERENNIAL	3.75 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Nutrients	2016 2016	9/23/2016	5/5B 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					
East Fork Jemez (San Antonio Creek to VCNP bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_13	20.6.4.108	STREAM, PERENNIAL	11.76 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Aluminum, Total Recoverable	2008 2016	9/15/2009	4A 5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs for turbidity (2003). TMDLs for temperature and arsenic (2009). Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					

East Fork Jemez (VCNP to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_10	20.6.4.108	STREAM, PERENNIAL	10.44 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	1998	12/31/1999	4A
		Nutrients	2016	9/23/2016	4A
		Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					

Fenton Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.B_00	20.6.4.108	RESERVOIR	27.95 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients	2004	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Jaramillo Creek (East Fork Jemez to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_12	20.6.4.108	STREAM, PERENNIAL	12.16 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2004	10/11/2006	4A
		Aluminum, Total Recoverable	2016		5/5B
		Nutrients	2016	9/23/2016	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs for temperature and turbidity. Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.

Jemez River (Jemez Pueblo bnd to Rio Guadalupe)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_71	20.6.4.107	STREAM, PERENNIAL	1.98 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2016		5/5B
		Nutrients	2016	2021 (est.)	5/5A
		Arsenic, Dissolved	2008	9/15/2009	4A
IRR	Not Supporting	Boron, Dissolved	2008	9/15/2009	4A
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WH	Fully Supporting				

AU Comment: TMDLs for arsenic and boron (2009). Coolwater may be the attainable ALU - WQS review needed.

Jemez River (Rio Guadalupe to Soda Dam nr Jemez Springs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105.5_10	20.6.4.107	STREAM, PERENNIAL	10.48 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Arsenic, Dissolved	2008	9/15/2009	4A
		Aluminum, Total Recoverable	2016	4/27/2018	4A
		Temperature	2008	9/15/2009	4A
		Nutrients	2008	9/15/2009	4A
		Turbidity	1998	7/30/2004	4A
IRR	Not Supporting	Boron, Dissolved	2008	9/15/2009	4A
		Arsenic, Dissolved	2008	9/15/2009	4A
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WH	Fully Supporting				
AU Comment: TMDL for AI acute (2003), turbidity, and SBD (1999) (sedimentation/siltation). De-listed for SBD in 2008. TMDLs for arsenic, boron, plant nutrients, and temperature (2009). The dissolved aluminum TMDL was revised to a total recoverable aluminum TMDL in 2018 using the current applicable WQC. Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					
Jemez River (Soda Dam nr Jemez Springs to East Fork)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_00	20.6.4.108	STREAM, PERENNIAL	4.37 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Supporting	Arsenic, Dissolved	2008	9/15/2009	4A
FC	Not Assessed				
HQColdWAL	Not Supporting	pH	2008		5/5B
		Temperature	2008		5/5B
		Turbidity	1998	7/30/2004	4A
		Arsenic, Dissolved	2008	9/15/2009	4A
		Aluminum, Total Recoverable	2018	4/27/2018	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WH	Fully Supporting				
AU Comment: TMDL for AI (2003), turbidity, and SBD (1999) (sedimentation/siltation); de-list letter for plant nutrients. De-listed for SBD in 2008. TMDL for arsenic (2009). The dissolved aluminum TMDL was revised to a total recoverable aluminum TMDL in 2018 using current applicable WQC. Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					

Jemez River (Zia Pueblo bnd to Jemez Pueblo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_75	20.6.4.106	STREAM, PERENNIAL	2.15 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Supporting	Boron, Dissolved	2008	9/15/2009	4A
LW	Fully Supporting				
MWWAL	Not Supporting	Arsenic, Dissolved Temperature	2008 2016	9/15/2009 2023 (est.)	4A 5/5A
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WH	Fully Supporting				

AU Comment: TMDLs for arsenic and boron (2009).

La Jara Creek (East Fork Jemez to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_11	20.6.4.108	STREAM, PERENNIAL	5.4 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.

Redondo Creek (Sulphur Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_21	20.6.4.108	STREAM, PERENNIAL	6.34 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	pH	2016		5/5B
		Turbidity	1998	6/2/2003	4A
		Temperature	2018	6/2/2003	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Not Assessed				

AU Comment: TMDL for turbidity, total phosphorus, and temperature. Previously split at the Valles Caldera Boundary, the upper (NM-2016.A_25) and lower AUs were merged back into this AU ID. AU may not be perennial -- HP and WQS review needed

Rio Cebolla (Fenton Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_52	20.6.4.108	STREAM, PERENNIAL	15.68 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients	2016		5/5C
		Turbidity	2010		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature and SBD (sedimentation/siltation). De-listed for temperature 2008. Rio Grande Cutthroat restoration in 1994 by NMG&F.

Rio Cebolla (Rio de las Vacas to Fenton Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_50	20.6.4.108	STREAM, PERENNIAL	7.25 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Sedimentation/Siltation	2016 1996	6/2/2003	5/5B 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for SBD (sedimentation/siltation).

Rio Guadalupe (Jemez River to confl with Rio Cebolla)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_30	20.6.4.108	STREAM, PERENNIAL	13.79 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity Temperature Specific Conductance Nutrients	2016 2008 2016 2016	12/2/1999 9/1/2009 2023 (est.) 9/23/2016	4A 4A 5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for AI chronic (2003), turbidity, and SBD (1999) (sedimentation/siltation); de-list letter for total phosphorus. De-listed for sedimentation/siltation in 2008. A TMDL was prepared for temperature (2009).

Rio de las Vacas (Clear Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_46	20.6.4.108	STREAM, PERENNIAL	10.66 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					

Rio de las Vacas (Rio Cebolla to Clear Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_40	20.6.4.108	STREAM, PERENNIAL	15.61 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients Temperature	2008 1998	9/15/2009 6/2/2003	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for temperature and TOC (2003). A TMDL was prepared for plant nutrients (2009).					

Rito Penas Negras (Rio de las Vacas to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_42	20.6.4.108	STREAM, PERENNIAL	13.04 MILES	2008	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	6/2/2003	4A
		Turbidity	2010		5/5B
		Sedimentation/Siltation	1998	6/2/2003	4A
		Nutrients	2008	9/15/2009	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature, TOC, and SBD (sedimentation/siltation) (2003). A TMDL was prepared for plant nutrients (2009). AU may not be perennial -- HP and WQS review needed.

Rito de las Palomas (Rio de las Vacas to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_43	20.6.4.108	STREAM, PERENNIAL	5.8 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Sedimentation/Siltation	1998	9/15/2009	4A
		Turbidity	2010		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for temperature and sedimentation/siltation (2009). AU may not be perennial -- HP and WQS review needed.

Rito de los Indios (San Antonio Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_24	20.6.4.108	STREAM, PERENNIAL	4.57 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2016	2023 (est.)	5/5A
		Nutrients	2016		5/5C
		Temperature	2016	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

San Antonio Creek (East Fork Jemez to VCNP bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_20	20.6.4.108	STREAM, PERENNIAL	12.62 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	6/2/2003	4A
		Turbidity	2006	6/2/2003	4A
		Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for turbidity and temperature (2003). TMDL for arsenic (2009). Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.

San Antonio Creek (VCNP bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_26	20.6.4.108	STREAM, PERENNIAL	19.5 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2016		5/5B
		Nutrients	2016		5/5B
		Temperature	1998	6/2/2003	4A
		Aluminum, Total Recoverable	2016		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for temperature (2003). Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels. In addition, the low pH in this AU is likely contributing to increased metals concentrations. AU may not be perennial -- HP and WQS review needed.

San Gregorio Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.B_10	20.6.4.134	RESERVOIR	35.93 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients	2016	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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 June 2004 did not reach this spillway.

Sulphur Creek (Redondo Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_22	20.6.4.124	STREAM, PERENNIAL	8.02 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
LW	Fully Supporting				
SC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL were previously prepared for pH and conductivity. WQS change to 20.6.4.124 resulted in de-list (pH is naturally low in this watershed). Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels.					
Sulphur Creek (San Antonio Creek to Redondo Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_27	20.6.4.108	STREAM, PERENNIAL	1.01 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable	2016		5/5B
		pH	2016		5/5B
		Temperature	2016		5/5B
		Turbidity	2010		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Natural conditions may contribute to high aluminum concentrations in the Jemez Mountains; aluminum criteria may need review to identify appropriate/attainable levels. In addition, the low pH in this AU is likely contributing to increased metals concentrations. HP needed -- this AU may not be perennial. pH applicable to 20.6.4.108 NMAC not attainable given naturally low pH in upstream AU.					

Vallecito Ck (Jemez Pueblo bnd to Div abv Ponderosa)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105.5_20	20.6.4.98	STREAM, INTERMITTENT	3.51 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Arsenic, Dissolved	2016	2023 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Vallecito Ck (Perennial Prt Div abv Ponderosa to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105.5_21	20.6.4.107	STREAM, PERENNIAL	13.14 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Sedimentation/Siltation Turbidity	2016 2010	2023 (est.) 2023 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: Sometimes referred to as Paliza Creek because it flows through Paliza Canyon.

Virgin Canyon (Rio Guadalupe to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020202 Jemez	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2106.A_31	20.6.4.108	STREAM, PERENNIAL	15.75 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 13020203 Rio Grande-Albuquerque

Abo Arroyo (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_40	20.6.4.103	STREAM, PERENNIAL	38.75 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Canon de Domingo Baca (Arroyo de Domingo Baca to outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_020	20.6.4.98	STREAM, INTERMITTENT	3.66 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Cedro Canyon (Tijeras Arroyo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_018	20.6.4.98	STREAM, INTERMITTENT	9.59 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
La Canada de la Loma Arena (La Constancia Ditch to outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_021	20.6.4.98	STREAM, INTERMITTENT	0.31 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					

La Joya Lakes			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.B_10	20.6.4.105	RESERVOIR	83.17 ACRES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Grande (Arroyo de las Canas to Rio Puerco)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_11	20.6.4.105	RIVER	30.59 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Copper, Dissolved	2016	2023 (est.)	5/5A
		Aluminum, Total Recoverable	2016	4/27/2018	4A
PC	Not Supporting	E. coli	2008	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for e. coli and dissolved aluminum (2010). The dissolved aluminum TMDL was revised to a total recoverable aluminum TMDL in 2018 using the current applicable WQC.

Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_50	20.6.4.105	RIVER	5.14 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	PCBS - Fish Consumption Advisory	2010		5/5C
		Mercury - Fish Consumption Advisory	2020		5/5C
		Dissolved oxygen	2008		5/5C
PC	Not Supporting	E. coli	2008	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for E. coli. Fish Consumption Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.					
Rio Grande (Rio Puerco to Isleta Pueblo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_40	20.6.4.105	RIVER	39.6 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2010	2023 (est.)	5/5A
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for e. coli (2010).					

Rio Grande (San Marcial at USGS gage to Arroyo de las Canas)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_10	20.6.4.105	RIVER	30.13 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature Aluminum, Total Recoverable	2016 2016	2023 (est.) 4/27/2018	5/5A 4A
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for e. coli and dissolved aluminum (2010). The dissolved aluminum TMDL was revised to a total recoverable aluminum TMDL in 2018 using the current applicable WQC.

Rio Grande (Tijeras Arroyo to Alameda Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_51	20.6.4.105	RIVER	15.6 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Mercury - Fish Consumption Advisory PCBS - Fish Consumption Advisory Dissolved oxygen Temperature	2020 2010 2008 2010	2023 (est.) 2023 (est.)	5/5C 5/5C 5/5A 5/5A
PC	Not Supporting	E. coli	2020	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for E. coli. Fish Consumption Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105.1_00	20.6.4.106	RIVER	12.12 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Not Supporting	Gross Alpha, Adjusted	2012	2023 (est.)	5/5A
MWWAL	Not Supporting	Mercury - Fish Consumption Advisory PCBS - Fish Consumption Advisory Polychlorinated Biphenyls (PCBs)	2020 2010 2012	2023 (est.)	5/5C 5/5C 5/5A
PC	Not Supporting	E. coli	2020	6/30/2010	4A
PWS	Not Assessed				
WH	Not Supporting	Polychlorinated Biphenyls (PCBs)	2012	2023 (est.)	5/5A
AU Comment: TMDL for E. coli (2010). Fish Consumption Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.					
Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105.1_02	20.6.4.106	RIVER	2.41 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2020	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for fecal coliform. De-listed for fecal coliform because this criteria was replaced with E. coli during the 2005 triennial. TMDL for E. coli 2010.					

Tijeras Arroyo (Four Hills Bridge to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_001	20.6.4.99	STREAM, PERENNIAL	15.65 MILES	2018	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2008	10/12/2017	4A
WH	Fully Supporting				
AU Comment: This entire AU may not be perennial. This upper AU is often referred to as Tijeras Creek or Tijeras Canyon. TMDL for nutrients (2017).					
Tijeras Arroyo (Rio Grande to Four Hills Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_070	20.6.4.98	STREAM, INTERMITTENT	13.42 MILES	2008	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.					
Unnamed tributary (South Diversion Channel to I-25)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_015	20.6.4.97	STREAM, EPHEMERAL	0.87 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013.					

Unnamed tributary (div channel to Fire Academy outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_014	20.6.4.97	STREAM, EPHEMERAL	1.32 MILES	2016	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Firefighters Academy, permit NM0029726 has since been terminated.

HUC: 13020204 Rio Puerco

Arroyo San Jose (Rio Puerco to La Jara Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_39	20.6.4.98	STREAM, INTERMITTENT	6.37 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.

Canon del Piojo S Fk (main canyon to ranch pond)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_016	20.6.4.97	STREAM, EPHEMERAL	4.76 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Resurrection Mining, permit NM0028169

La Jara Creek (Perennial reaches abv Arroyo San Jose)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_46	20.6.4.109	STREAM, PERENNIAL	10.3 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Aluminum, Total Recoverable	2014	6/16/2016	4A
DWS	Fully Supporting				
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for aluminum (2016).

Nacimiento Ck (Perennial prt HWY 126 to Clear Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_42	20.6.4.109	STREAM, PERENNIAL	7.77 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Aluminum, Total Recoverable Turbidity	2014 2014	6/16/2016 6/16/2016	4A 4A
DWS	Not Supporting	Uranium, Dissolved	2014	6/16/2016	4A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs for turbidity, aluminum, and uranium (2016).

Nacimiento Creek (Rio Puerco to HWY 126)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_47	20.6.4.98	STREAM, INTERMITTENT	2.15 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Puerco (Arroyo Chijuilla to northern bnd Cuba)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_40	20.6.4.131	STREAM, PERENNIAL	9.22 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Sedimentation/Siltation	2004	8/10/2007	4A
		Nutrients	2006	9/21/2007	4A
		Ammonia, Total	2006		5/5C
WH	Fully Supporting				

AU Comment: TMDLs were prepared for sedimentation, chronic dissolved AI, and nutrients (2007). Dissolved AI TMDL withdrawn 2018 because no longer an applicable WQC.

Rio Puerco (Perennial prt northern bnd Cuba to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_44	20.6.4.109	STREAM, PERENNIAL	14.83 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Sedimentation/Siltation	2014	6/16/2016	4A
DWS	Fully Supporting				
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL for sedimentation/siltation (2016).

Rio Puerco (non-pueblo Arroyo Chico to Arroyo Chijuilla)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_22	20.6.4.130	STREAM, INTERMITTENT	45.86 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Puerco (non-pueblo Rio Grande to Arroyo Chico)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_20	20.6.4.130	STREAM, INTERMITTENT	113.46 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	2022 (est.)	5/5A
WWAL	Fully Supporting				
WH	Not Supporting	Mercury, Total	2012	2022 (est.)	5/5A
AU Comment: None.					

Rito Leche (Intermittent reaches above HWY 126)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_43	20.6.4.98	STREAM, INTERMITTENT	7.02 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Rito Leche (Rio Puerco to Hwy 126)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_53	20.6.4.98	STREAM, INTERMITTENT	1.59 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					

Rito de los Pinos (Arroyo San Jose to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_45	20.6.4.98	STREAM, INTERMITTENT	8.87 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to a waterbody under 20.6.4.97 NMAC. Until such time, this waterbody will remain under 20.6.4.98 NMAC.					
San Miguel Arroyo (San Pablo Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_51	20.6.4.98	STREAM, INTERMITTENT	11.09 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_41	20.6.4.98	STREAM, INTERMITTENT	13 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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.					

Senorito Creek (Nacimiento Mine to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_54	20.6.4.109	STREAM, PERENNIAL	3.54 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
DWS	Fully Supporting				
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Senorito Creek (San Pablo Canyon to Nacimiento Mine)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_52	20.6.4.98	STREAM, INTERMITTENT	6.18 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Unnamed tributary (Canon del Piojo S Fk to mine outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020204 Rio Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_017	20.6.4.97	STREAM, EPHEMERAL	0.92 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Resurrection Mining, permit NM0028169

HUC: 13020205 Arroyo Chico

Arroyo Chico (Rio Puerco to San Isidro Arroyo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_016	20.6.4.98	STREAM, INTERMITTENT	33.61 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Arroyo Tinaja (San Isidro Arroyo to two mi blw USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_023	20.6.4.97	STREAM, EPHEMERAL	28.09 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012 and updated in 2019. EPA provided technical approval January 30, 2013, and April 9, 2020. Lee Ranch Mine permit NM0029581

Doctor Arroyo (San Isidro Arroyo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_25	20.6.4.97	STREAM, EPHEMERAL	8.06 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC. EPA provided technical approval April 9, 2020. Lee Ranch Mine permit NM0029581. ** This AU excludes Doctor Spring and Doctor arroyo from the spring to its confluence with the unnamed tributary approximately one-half mile downstream of the spring.

Inditos Draw (breached road berm to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_021	20.6.4.97	STREAM, EPHEMERAL	3.6 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Lee Ranch Coal Co El Segundo mine, permit NM0030996					
Mulatto Canyon (Arroyo Tinaja to one mi blw USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_024	20.6.4.97	STREAM, EPHEMERAL	4.26 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Lee Ranch Mine permit NM0029581					
San Isidro Arroyo (Arroyo Chico to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_022	20.6.4.97	STREAM, EPHEMERAL	25.77 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012 and updated in 2019. EPA provided technical approval January 30, 2013, and April 9, 2020. Lee Ranch Mine permit NM0029581					

San Lucas Canyon (San Miguel Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_014	20.6.4.98	STREAM, INTERMITTENT	14.74 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Miguel Creek (Arroyo Chico to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020205 Arroyo Chico	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_015	20.6.4.98	STREAM, INTERMITTENT	30.15 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 13020206 North Plains

Laguna Americana			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020206 North Plains	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_053	20.6.4.98	LAKE, PLAYA	25.3 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Part of playa lake study. Data are old.

HUC: 13020207 Rio San Jose					
Arroyo del Puerto (San Mateo Ck to mine entrance rd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_018	20.6.4.97	STREAM, EPHEMERAL	8.26 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013.					

Arroyo del Valle (Laguna Pueblo bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_030	20.6.4.98	STREAM, INTERMITTENT	13.23 MILES	2018	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Supporting	Gross Alpha, Adjusted	2018	2021 (est.)	5/5A
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU will remain under 20.6.4.98 NMAC.					

Bluewater Creek (Perennial prt Bluewater Rsvr to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_01	20.6.4.109	STREAM, PERENNIAL	18.31 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	1998	9/21/2007	4A
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for temperature and plant nutrients (2007). WQS temperature review is warranted in this AU.					

Bluewater Creek (Perennial prt R San Jose to Bluewater Rsvr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_00	20.6.4.109	STREAM, PERENNIAL	11.44 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients Temperature	1998 2006	9/21/2007 9/21/2007	4A 4A
DWS	Fully Supporting				
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Non-tribal portions only. TMDLS were completed for temperature and nutrients (2007).					
Bluewater Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.B_00	20.6.4.135	RESERVOIR	617.1 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	2014	2021 (est.)	5/5A
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Rio Moquino (Laguna Pueblo to Seboyettia Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_10	20.6.4.109	STREAM, PERENNIAL	2.13 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature Nutrients	1998 2006	9/21/2007 9/21/2007	4A 4A
DWS	Not Assessed				
FC	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_30	20.6.4.109	STREAM, PERENNIAL	10.78 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
DWS	Not Assessed				
FC	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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 (Grants BNSF RR crossing to Bluewater Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3C	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_028	20.6.4.98	STREAM, INTERMITTENT	16.47 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may have naturally ephemeral portions. There is a 2018 permit application to potentially discharge ~12 cfs continuously for 15 or more years, associated with Roca Honda uranium mine, which would create several new existing uses.					
Rio San Jose (non-tribal HWY 117 to Grants BNSF RR crossing)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_003	20.6.4.99	STREAM, PERENNIAL	9.19 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: The upper AU may be naturally ephemeral, but there is a 2018 permit application to potentially discharge ~12 cfs continuously for 15 or more years, associated with Roca Honda uranium mine, which would create several new existing uses.					
Seboyeta Creek (Rio Moquino to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2107.A_20	20.6.4.109	STREAM, PERENNIAL	18.19 MILES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
DWS	Not Assessed				
FC	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: Access issues (not sampled during 2011 Rio Puerco survey).					

Unnamed tributary (San Mateo Cr to mine outfall)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13020207 Rio San Jose	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_019	20.6.4.97	STREAM, EPHEMERAL	3.09 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Strathmore Roca Honda, permit NM0031020

HUC: 13020209 Rio Salado

Rio Salado (Rio Grande to Alamo Navajo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020209 Rio Salado	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_10	20.6.4.103	STREAM, PERENNIAL	44.36 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2016		5/5C
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: A second thermograph should be deployed to confirm the temperature listing.

Rio Salado (non-pueblo lands)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13020209 Rio Salado	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_002	20.6.4.98	STREAM, INTERMITTENT	6.88 MILES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: 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).

HUC: 13020211 Elephant Butte Reservoir					
Alamosa Creek (Perennial reaches abv Monticello diversion)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13020211 Elephant Butte Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_30	20.6.4.103	STREAM, PERENNIAL	13.44 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Elephant Butte Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020211 Elephant Butte Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2104_00	20.6.4.104	RESERVOIR	10908.5 ACRES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	PCBS - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2010 2004		5/5C 5/5C
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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. The actual size of this AU at any given time depends on fluctuating surface area and reservoir volume. The noted acreage is from the USGS NHD 2014 GIS layer. The potential inundation area is almost 40,000 acres.					

Rio Grande (Elephant Butte Rsvr to San Marcial at USGS)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13020211 Elephant Butte Reservoir	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_00	20.6.4.105	RIVER	32.99 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Aluminum, Total Recoverable	2016	2023 (est.)	5/5A
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: The actual length of this AU at any given time depends on Elephant Butte's fluctuating surface area.

HUC: 13030101 Caballo

Caballo Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2102.B_00	20.6.4.104	RESERVOIR	4617.43 ACRES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
		Nutrients	2016	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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.

Cuchillo Negro Creek (Rio Grande to Willow Spring Draw)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_012	20.6.4.98	STREAM, INTERMITTENT	10.53 MILES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Las Animas Ck (perennial prt Animas Gulch to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_50	20.6.4.103	STREAM, PERENNIAL	27.18 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Benthic Macroinvertebrates	2010		5/5C
		Dissolved oxygen	2014		5/5C
SC	Fully Supporting				
WWAL	Not Supporting	Benthic Macroinvertebrates	2010		5/5C
WH	Fully Supporting				
AU Comment: None.					

Las Animas Ck (perennial prt R Grande to Animas Gulch)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_51	20.6.4.103	STREAM, PERENNIAL	12.93 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Assessed				
SC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Palomas Creek (perennial portion R Grande to N and S Forks)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_60	20.6.4.103	STREAM, PERENNIAL	24.13 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Percha Ck (Caballo Rsvr to Wicks Gulch)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_21	20.6.4.98	STREAM, INTERMITTENT	12.65 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Percha Ck (Perennial prt Wicks Gulch to Middle Percha Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_20	20.6.4.103	STREAM, PERENNIAL	12.76 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Grande (Caballo Reservoir to Elephant Butte Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_00	20.6.4.103	RIVER	7.8 MILES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Dissolved oxygen	2006		5/5C
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: The dissolved oxygen impairment may indicate excessive nutrients. Protocols for nutrients in large rivers are under development.

South Fork Palomas Ck (Palomas Ck to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030101 Caballo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_61	20.6.4.99	STREAM, PERENNIAL	23.43 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 13030102 El Paso-Las Cruces

Burn Lake (Dona Ana)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_024	20.6.4.99	RESERVOIR	20.36 ACRES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Grande (Anthony Bridge to NM192 bridge W of Mesquite)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2101_01	20.6.4.101	RIVER	13.37 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2006	6/11/2007	4A
WH	Fully Supporting				

AU Comment: TMDL for E. coli.

Rio Grande (International Mexico bnd to Anthony Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2101_00	20.6.4.101	RIVER	8.69 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Supporting	Boron, Dissolved	2014	2023 (est.)	5/5A
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2006	6/11/2007	4A
WH	Fully Supporting				

AU Comment: TMDL for E. coli.

Rio Grande (Leasburg Dam to one mile below Percha Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2101_10	20.6.4.101	RIVER	42.61 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2006	6/11/2007	4A
WH	Fully Supporting				
AU Comment: TMDL for e. coli.					

Rio Grande (NM192 bridge W of Mesquite to Picacho Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2101_03	20.6.4.101	RIVER	13.87 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for E. coli.					

Rio Grande (Picacho Bridge to Leasburg Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2101_02	20.6.4.101	RIVER	17.58 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for E. coli.					

Rio Grande (one mile below Percha Dam to Caballo Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2102.A_00	20.6.4.102	RIVER	3.2 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

South Fork Las Cruces Arroyo (Las Cruces Arroyo to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_013	20.6.4.98	STREAM, INTERMITTENT	8.11 MILES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU will remain under 20.6.4.98 NMAC.					

Tierra Blanca Creek (Rio Grande to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13030102 El Paso-Las Cruces	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2103.A_70	20.6.4.98	STREAM, INTERMITTENT	36.09 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Fully Supporting				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

HUC: 13030202 Mimbres

Allie Canyon (Mimbres River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2804_20	20.6.4.804	STREAM, PERENNIAL	9.01 MILES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bear Canyon (Mimbres River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2804_10	20.6.4.804	STREAM, PERENNIAL	12.06 MILES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bear Canyon Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2504_30	20.6.4.806	RESERVOIR	29.78 ACRES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
		Temperature	2012	2021 (est.)	5/5A
		Nutrients	2004	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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.					
Cameron Creek (San Vicente Arroyo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_32	20.6.4.98	STREAM, INTERMITTENT	24.05 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					

Cold Springs Creek (Hot Springs Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_11	20.6.4.803	STREAM, PERENNIAL	14.89 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Cadmium, Dissolved Lead, Dissolved	2012 2012	9/11/2014 9/11/2014	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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 (Little Gallinas Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_20	20.6.4.803	STREAM, PERENNIAL	14.34 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2012		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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).

Gallinas Creek (Mimbres River to Little Gallinas Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_21	20.6.4.98	STREAM, PERENNIAL	7.47 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Hanover Creek (Whitewater Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_31	20.6.4.98	STREAM, INTERMITTENT	7.7 MILES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
Hot Springs Ck (Perennial prt of Mimbres R to USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_10	20.6.4.803	STREAM, PERENNIAL	5.96 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: The perennial portion is privately owned -- SWQB was denied access during watershed surveys (2002 and 2009).					
Hot Springs Ck (USFS bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_12	20.6.4.98	STREAM, INTERMITTENT	6 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

McKnight Canyon (Mimbres River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2804_30	20.6.4.804	STREAM, PERENNIAL	15.01 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Gila Trout restoration in 1972 by NMG&F.

Mimbres R (Perennial reaches Allie Canyon to Cooney Cny)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2804_00	20.6.4.804	STREAM, PERENNIAL	11.04 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Mimbres R (Perennial reaches Cooney Cyn to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2804_40	20.6.4.807	STREAM, PERENNIAL	12.6 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Mimbres R (Perennial reaches downstream of Allie Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_00	20.6.4.803	STREAM, PERENNIAL	30.45 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/11/2014	4A
WH	Fully Supporting				

AU Comment: This AU near the ecoregion boundary and is more closely associated with ecoregion 24b (Chihuahuan Desert).

San Vicente Arroyo (Mimbres R to Maudes Cny)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_026	20.6.4.97	STREAM, EPHEMERAL	31.7 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Hydrology Protocol-based UAA concluded this reach was ephemeral. UAA was approved by EPA in Oct 2013. Perennial reaches of San Vicente above Maudes Canyon remain classified in 20.6.4.803.

San Vicente Creek (Perennial prt Maudes Cny to Silva Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_025	20.6.4.803	STREAM, PERENNIAL	5.65 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2012		5/5C
IRR	Not Assessed				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: San Vicente below Maudes Canyon was approved by EPA as ephemeral 97 in Dec 2013. Perennial reaches of San Vicente above Maudes Canyon remain classified in 20.6.4.803.

Whitewater Creek (San Vicente Arroyo to Chino Mine)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13030202 Mimbres	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2803_30	20.6.4.98	STREAM, INTERMITTENT	27.35 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 13050001 Western Estancia

Laguna del Pero			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13050001 Western Estancia	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_054	20.6.4.98	LAKE, PLAYA	4476.81 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Water is too saline for cattle, so livestock watering may not be an existing or attainable use.

Mike's Playa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050001 Western Estancia	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_085	20.6.4.98	LAKE, PLAYA	21.21 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Water is too saline for cattle, so livestock watering may not be an existing or attainable use.

HUC: 13050003 Tularosa Valley

Dog Canyon Creek (perennial portions)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_20	20.6.4.810	STREAM, PERENNIAL	6.06 MILES	2018	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Temperature	2006		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: A UAA to create 20.6.4.810 NMAC for this water body with coolwater aquatic life use was approved by the WQCC (effective 2/28/18 for state purposes).

Fresnal Canyon (La Luz Creek to Salado Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_41	20.6.4.801	STREAM, PERENNIAL	2.7 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Flow Regime Modification	2014		4C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014		5/5C
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: This reach is often dry below Salado Canyon where the Alamogordo diversion is installed,

Fresnal Canyon (Salado Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_44	20.6.4.801	STREAM, PERENNIAL	10.49 MILES	2018	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Karr Canyon (Fresnal Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_42	20.6.4.801	STREAM, PERENNIAL	6.64 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Sedimentation/Siltation	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

La Luz Creek (Fresnal Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_40	20.6.4.98	STREAM, INTERMITTENT	13.96 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Lake Holloman			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_113	20.6.4.99	LAKE, PLAYA	147.57 ACRES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Not Supporting	Arsenic, Dissolved	2010	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: Lake is actually an impounded playa. Although the reservoir is associated with Holloman Air Force Base, the public does have access. The New Mexico Department of Health is warning people not to swim in or drink from Lake Holloman in southern New Mexico as of May 10, 2019. the lake already is off limits to swimming but state officials reiterated their warning saying people should wash their hands if they get water or foam from the lake on them. They also warned pet owners to avoid letting their animals drink or come into contact with the water or foam. 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_068	20.6.4.98	LAKE, PLAYA	3325.66 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_069	20.6.4.98	LAKE, PLAYA	1962.25 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_070	20.6.4.99	LAKE, PLAYA	73.6 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: This playa was only sampled once in 1993, so Not Assessed.					

Malpais Springs			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_079	20.6.4.99	LAKE, PLAYA	14.95 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: Habitat for White Sands pup fish.

Mound Springs			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_086	20.6.4.99	LAKE, PLAYA	0.51 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: Habitat for White Sands pup fish.

Nogal Creek (Tularosa Creek to Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_10	20.6.4.801	STREAM, PERENNIAL	4.36 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2014	2023 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/21/2015	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Salado Canyon (Fresnal Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_43	20.6.4.801	STREAM, PERENNIAL	5.09 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					
Salt Creek (Tularosa Valley)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_50	20.6.4.99	STREAM, PERENNIAL	48.58 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
San Andres Canyon (S San Andres Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_31	20.6.4.801	STREAM, PERENNIAL	6.34 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

San Andres Canyon (Taylor Ranch Rd to S San Andres Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_30	20.6.4.97	STREAM, EPHEMERAL	3.79 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Hydrology Protocol-based UAA concluded this reach was ephemeral. UAA was approved by EPA in Oct 2013.

Three Rivers (Perennial prt HWY 54 to USFS exc Mescalero)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2802_00	20.6.4.802	STREAM, PERENNIAL	15.07 MILES	2008	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Flow Regime Modification			4C
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2802_01	20.6.4.802	STREAM, PERENNIAL	4.28 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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 Ck (perennial prt downstream of old HWY 70 xing)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_00	20.6.4.99	STREAM, PERENNIAL	19.46 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Tularosa Creek (Old HWY 70 xing to Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13050003 Tularosa Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2801_01	20.6.4.801	STREAM, PERENNIAL	5.19 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

HUC: 13050004 Salt Basin

Sacramento R (Arkansas Canyon to Scott Able Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050004 Salt Basin	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2805_00	20.6.4.98	STREAM, INTERMITTENT	9.11 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 2013 application of the hydro protocol indicate this AU is intermittent.

Sacramento R (Perennial prt Scott Able Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13050004 Salt Basin	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2805_02	20.6.4.805	STREAM, PERENNIAL	8.57 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Sedimentation/Siltation	2014	2023 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Scott Able Canyon (Sacramento R to road NF-64 abv canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13050004 Salt Basin	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2805_01	20.6.4.98	STREAM, INTERMITTENT	3.08 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 13060001 Pecos Headwaters

Alamitos Canyon (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_022	20.6.4.98	STREAM, INTERMITTENT	9.29 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This AU likely needs to be split. The lower portion includes the reconstructed portion through Terrero Mine reclamation.

Beaver Creek (El Porvenir Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_04	20.6.4.215	STREAM, PERENNIAL	6.77 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Blue Creek (Tecolote Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_15	20.6.4.215	STREAM, PERENNIAL	4.31 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Blue Hole			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_10	20.6.4.212	LAKE, FRESHWATER	0.2 ACRES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
IRR	Not Assessed				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Dissolved oxygen is naturally low due to groundwater influx. This unique water may warrant its own WQ standard segment.

Brown's Marsh			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_022	20.6.4.99	LAKE, PLAYA	8.45 ACRES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Bull Creek (Cow Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_091	20.6.4.217	STREAM, PERENNIAL	16.75 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A TMDL was written for temperature.

Burro Canyon (Gallinas River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_06	20.6.4.215	STREAM, PERENNIAL	5.19 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Carpenter Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_062	20.6.4.217	STREAM, PERENNIAL	2.59 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: AU created on November 14, 2019 for probabilistic monitoring in 2019.

Cow Creek (Bull Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_102	20.6.4.217	STREAM, PERENNIAL	24.84 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	9/13/2005	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs for temperature and turbidity.

Cow Creek (Pecos River to Bull Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_090	20.6.4.217	STREAM, PERENNIAL	16.1 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	9/13/2005	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs for temperature and turbidity. HQCWAL may not be attainable.					
Dalton Canyon Creek (Perennial prt Pecos R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_070	20.6.4.217	STREAM, PERENNIAL	9.1 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Specific Conductance	2012	9/25/2013	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Portions went dry during both the 2001 and 2010 surveys. HQCWAL may not be attainable -- WQS review needed.					

Doctor Creek (Holy Ghost Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_021	20.6.4.217	STREAM, PERENNIAL	3.72 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

EI Porvenir Creek (Gallinas River to SFNF bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_01	20.6.4.215	STREAM, PERENNIAL	2.68 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2010	2022 (est.)	5/5A
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

EI Porvenir Creek (SFNF bnd to Hollinger Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_05	20.6.4.215	STREAM, PERENNIAL	4.89 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

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

EI Rito (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_050	20.6.4.212	STREAM, PERENNIAL	12.97 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Ammonia, Total	2012		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/25/2013	4A
WH	Fully Supporting				

AU Comment: None.

Elk Creek (Cow Creek to headwater)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_103	20.6.4.217	STREAM, PERENNIAL	2.91 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Falls Creek (Tecolote Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_12	20.6.4.215	STREAM, PERENNIAL	7.01 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Specific Conductance	2012	9/25/2013	4A
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Gallinas River (Las Vegas Diversion to USFS bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_00	20.6.4.215	STREAM, PERENNIAL	8.2 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	1998	9/13/2005	4A
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: A TMDL was prepared for temperature.

Gallinas River (Pecos Arroyo to Las Vegas Diversion)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_23	20.6.4.220	STREAM, PERENNIAL	11.1 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Gallinas River (Pecos River to Aguilar Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_20	20.6.4.98	STREAM, INTERMITTENT	20.98 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Dissolved oxygen	2012		5/5C
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_21	20.6.4.220	STREAM, PERENNIAL	42.6 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2012	2023 (est.)	5/5A
		Nutrients	2006	2023 (est.)	5/5A
		Turbidity	2012	2023 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Gallinas River (USFS bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_02	20.6.4.215	STREAM, PERENNIAL	9.86 MILES	2010	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Glorieta Ck (Perennial prt Glorieta Camps WWTP to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_082	20.6.4.217	STREAM, PERENNIAL	6.24 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Flow Regime Modification	2014		4C
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Very limited data. Low flow alterations affecting stream condition (impoundments on Glorieta Camps property).

Glorieta Ck (Perennial prt Pecos R to Glorieta Camps WWTP)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_081	20.6.4.217	STREAM, PERENNIAL	8.98 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Nutrients Specific Conductance	2012 2004		5/5B 5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_03	20.6.4.215	STREAM, PERENNIAL	5.87 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Holy Ghost Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_020	20.6.4.217	STREAM, PERENNIAL	7.19 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Indian Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_072	20.6.4.217	STREAM, PERENNIAL	6.63 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Jack's Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_045	20.6.4.217	STREAM, PERENNIAL	7.19 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F.

Johnson Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_10	20.6.4.222	LAKE, FRESHWATER	2.49 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Lake Bentley			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_067	20.6.4.99	LAKE, PLAYA	47.85 ACRES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Lake Katherine			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_20	20.6.4.222	LAKE, FRESHWATER	10.86 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Access is difficult -- high elevation lake.

Lost Bear Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_30	20.6.4.222	LAKE, FRESHWATER	0.51 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Macho Canyon Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_071	20.6.4.217	STREAM, PERENNIAL	8.12 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Specific Conductance	2012	9/25/2013	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

McAllister Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.3_00	20.6.4.213	LAKE, PLAYA	85.41 ACRES	2006	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Arsenic, Dissolved	2006	2021 (est.)	5/5A
LW	Fully Supporting				
SC	Fully Supporting				
WH	Fully Supporting				

AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_40	20.6.4.224	RESERVOIR	5.79 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_17	20.6.4.215	STREAM, PERENNIAL	3.28 MILES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Panchuela Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_060	20.6.4.217	STREAM, PERENNIAL	7.68 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Pecos Arroyo (Gallinas River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_22	20.6.4.221	STREAM, PERENNIAL	14.29 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Supporting	E. coli	2010	9/25/2013	4A
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for E. coli.					

Pecos Baldy Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_50	20.6.4.222	LAKE, FRESHWATER	6.44 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Pecos River (Alamitos Canyon to Jack's Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_002	20.6.4.217	STREAM, PERENNIAL	21.83 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2020	2022 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: A TMDL was prepared for turbidity.

Pecos River (Canon de Manzanita to Alamitos Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_003	20.6.4.217	STREAM, PERENNIAL	5.74 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2004	9/13/2005	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs were written for temperature and turbidity. De-list for turbidity.

Pecos River (Cow Creek to Canon de Manzanita)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_02	20.6.4.216	STREAM, PERENNIAL	20.07 MILES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Pecos River (Jack's Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_000	20.6.4.217	STREAM, PERENNIAL	14.66 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: Rio Grande Cutthroat Trout restoration in 1992-1996 by NMG&F above Pecos Falls.					

Pecos River (Santa Rosa Reservoir to Tecolote Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.A_10	20.6.4.211	STREAM, PERENNIAL	54.28 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2012	9/25/2013	4A
WH	Fully Supporting				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.A_00	20.6.4.211	STREAM, PERENNIAL	54.52 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	2012	2022 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: The nutrient listing is marginal.

Pecos River (Tecolote Creek to Villanueva State Park)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_00	20.6.4.216	STREAM, PERENNIAL	19.46 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2012	2022 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: The AU boundary is the downstream end of the state park.

Pecos River (Villanueva State Park to Cow Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2213_01	20.6.4.216	STREAM, PERENNIAL	20.01 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: The AU boundary is the downstream end of the state park.

Perch Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_40	20.6.4.226	LAKE, FRESHWATER	3.49 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This is a sinkhole lake.

Power Dam Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.B_10	20.6.4.212	RESERVOIR	9.75 ACRES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Mora (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_040	20.6.4.217	STREAM, PERENNIAL	19.44 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rito del Oso (Rio Mora to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_044	20.6.4.217	STREAM, PERENNIAL	2.09 MILES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: None.					
Santa Rosa Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_00	20.6.4.225	RESERVOIR	1225.22 ACRES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_80	20.6.4.222	LAKE, FRESHWATER	2.85 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Stewart Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_70	20.6.4.222	LAKE, FRESHWATER	3.04 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Access is difficult -- high elevation lake.

Storrie Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.5_00	20.6.4.214	RESERVOIR	502.16 ACRES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Mercury - Fish Consumption Advisory	2006		5/5C
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
PWS	Not Assessed				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2006		5/5C
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2210_00	20.6.4.210	RESERVOIR	1261.58 ACRES	2020	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_09	20.6.4.215	STREAM, PERENNIAL	6.7 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Tecolote Creek (I-25 to Blue Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_10	20.6.4.230	STREAM, PERENNIAL	22.68 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Temperature Nutrients	1998 2012	9/13/2018	4A 5/5C
DWS	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A UAA to create 20.6.4.230 NMAC for this water body with coolwater aquatic life use was approved by the WQCC (effective 2/28/18 for state purposes).

Tocolote Creek (Pecos River to I-25)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_08	20.6.4.98	STREAM, INTERMITTENT	26.89 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU will remain under 20.6.4.98 NMAC.					
Tres Lagunas (Northeast)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_30	20.6.4.212	RESERVOIR	34.3 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	pH	2010		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Tres Lagunas NE is one of three small on-line impoundments on a perennial tributary to the Pecos River originally constructed by the railroad for flood control and eventual irrigation storage. In the years since the construction, the lake has filled with sediment, now averaging one meter in depth. As a result, WQS segment 20.6.4.212 is likely not appropriate for this waterbody.					
Tres Lagunas (Southeast)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_31	20.6.4.212	RESERVOIR	12.09 ACRES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Tres Lagunas (West)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2211.B_32	20.6.4.212	RESERVOIR	10.76 ACRES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Truchas Lake (North)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_60	20.6.4.222	LAKE, FRESHWATER	0.65 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Truchas Lake (South)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.B_61	20.6.4.222	LAKE, FRESHWATER	2.55 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment:

Wallace Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_107	20.6.4.99	LAKE, PLAYA	18.23 ACRES	2004	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Willow Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_030	20.6.4.217	STREAM, PERENNIAL	5.89 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Specific Conductance	2004	9/25/2013	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Continuing monitoring data following Terrero Mine reclamation indicate improved water quality with respect to metals (previous listed for cadmium and zinc).					

Winsor Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2214.A_061	20.6.4.217	STREAM, PERENNIAL	6.14 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Wright Canyon Creek (Tecolote Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060001 Pecos Headwaters	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2212_18	20.6.4.215	STREAM, PERENNIAL	2.51 MILES	2012	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 13060003 Upper Pecos

Bosque Redondo Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_021	20.6.4.99	RESERVOIR	30.56 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MCWAL	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: 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 (Crockett Draw to Yeso Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2207_01	20.6.4.207	RIVER	46.86 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
SC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Pecos River (Salt Creek to Crockett Draw)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2207_00	20.6.4.207	RIVER	22.53 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2016	2023 (est.)	5/5A
SC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Pecos River (Truchas Creek to Sumner Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2207_03	20.6.4.207	RIVER	20.39 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
SC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Pecos River (Yeso Creek to Truchas Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2207_02	20.6.4.207	RIVER	26.09 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Fully Supporting				
SC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Yeso Creek (Pecos River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060003 Upper Pecos	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_011	20.6.4.98	STREAM, INTERMITTENT	47.56 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

HUC: 13060007 Upper Pecos-Long Arroyo

Bitter Lake (Bitter Lake NWR)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_014	20.6.4.99	LAKE, PLAYA	156.55 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_019	20.6.4.99	RESERVOIR	79.38 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bitter Lake NWR - Unit 16			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_017	20.6.4.99	RESERVOIR	67.12 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bitter Lake NWR - Unit 3			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_016	20.6.4.99	RESERVOIR	71.96 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bitter Lake NWR - Unit 5			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_015	20.6.4.99	RESERVOIR	62.74 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bitter Lake NWR - Unit 6			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_020	20.6.4.99	RESERVOIR	90.48 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Bitter Lake NWR - Unit 7			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_018	20.6.4.99	RESERVOIR	106.38 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Cottonwood Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_004	20.6.4.228	LAKE, SALINE	0.27 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Water is naturally too saline for livestock watering. This is a sink hole lake.

Eagle Creek (Pecos River nr Artesia to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_008	20.6.4.98	STREAM, INTERMITTENT	70.03 MILES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_044	20.6.4.99	LAKE, SALINE	2.71 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2016		5/5B
WH	Fully Supporting				

AU Comment: Livestock use is not allowed at this lake. A segment-specific DO criterion may be warranted in this small sinkhole lake.

Inkwell Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_002	20.6.4.228	LAKE, SALINE	0.35 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Water is naturally too saline for livestock consumption. This is a sinkhole lake.

Lake Van			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_071	20.6.4.99	RESERVOIR	40.64 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Temperature	2016	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Lea Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_001	20.6.4.227	LAKE, SALINE	17.33 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Water is naturally too saline for livestock consumption. This is a sinkhole lake.

Mirror Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_003	20.6.4.229	LAKE, SALINE	1.97 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: Water is naturally too saline for livestock watering. This is a sinkhole lake.

Pecos River (Eagle Creek to Rio Felix)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_03	20.6.4.206	RIVER	34.68 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Temperature	2016	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Pecos River (Rio Felix to Rio Hondo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_00	20.6.4.206	RIVER	28.62 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Not Supporting	Temperature	2016	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment:

Pecos River (Rio Hondo to Salt Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_20	20.6.4.206	RIVER	19.51 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Pecos River (Rio Penasco to Eagle Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_02	20.6.4.206	RIVER	13.67 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Unnamed tributary (Hart Canyon to South Union Rd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060007 Upper Pecos-Long Arroyo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_020	20.6.4.97	STREAM, EPHEMERAL	2.13 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				
AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013.					

HUC: 13060008 Rio Hondo

Alto Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.B_30	20.6.4.98	RESERVOIR	15.14 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Water in this reservoir is used by the city of Ruidoso when available -- it is often dry. Copper sulfate has been used as an algacide in the past to protect this drinking water supply.

Bonito Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.B_10	20.6.4.223	RESERVOIR	46.02 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: This lake was several impacted by the Little Bear Fire.

Carrizo Creek (Rio Ruidoso to Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_22	20.6.4.209	STREAM, PERENNIAL	2.11 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/21/2015	4A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: A TMDL for E. coli (2015).					
Eagle Creek (Alto Lake to S. Fork Eagle Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_017	20.6.4.98	STREAM, INTERMITTENT	2.99 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: Impacted by 2012 Little Bear Fire.					
Eagle Creek (Rio Ruidoso to Alto Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_007	20.6.4.98	STREAM, INTERMITTENT	17.07 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Not Assessed				
AU Comment: Impacted by 2012 Little Bear Fire.					

Grindstone Canyon (Carrizo Creek to Grindstone Rsvr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_008	20.6.4.98	STREAM, INTERMITTENT	0.99 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Grindstone Canyon (Grindstone Rsvr to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_009	20.6.4.97	STREAM, EPHEMERAL	1.12 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Hydrology Protocol-based UAA concluded this reach was ephemeral. UAA was approved by EPA in Oct 2013.

Grindstone Canyon Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.B_20	20.6.4.209	RESERVOIR	28.66 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2014		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: WQS is under review.

Little Creek (Eagle Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_019	20.6.4.98	STREAM, INTERMITTENT	18.26 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.					
North Spring River (Rio Hondo to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_40	20.6.4.206	STREAM, PERENNIAL	6.25 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Not Assessed				
AU Comment: None.					
Rio Bonito (Perennial prt Rio Ruidoso to NM 48 near Angus)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_10	20.6.4.208	STREAM, PERENNIAL	33.62 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Flow Regime Modification			4C
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Stream reach has very low flow during certain times of the year due to dam forming Bonito Lake for drinking water uses. This AU was impacted by the 2012 Little Bear Fire.					

Rio Bonito (Perennial prt NM 48 near Angus to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_10	20.6.4.209	STREAM, PERENNIAL	13.63 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature Flow Regime Modification Benthic Macroinvertebrates	2014 2006	2023 (est.)	5/5A 4C 5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/21/2015	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: A small portion of this AU is dewatered due to dam. A TMDL was developed for E. Coli (2015). This AU was impacted by the 2012 Little Bear Fire.

Rio Hondo (HWY 285 to Bonney Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_25	20.6.4.98	STREAM, INTERMITTENT	50.56 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Hondo (Perennial prt Pecos R to HWY 285)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_26	20.6.4.206	STREAM, PERENNIAL	10.23 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Hondo (Perennial reaches Bonney Canyon to Rio Ruidoso)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_30	20.6.4.208	STREAM, PERENNIAL	25.47 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Flow Regime Modification	2014		4C
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: A TMDL was developed for fecal coliform. This reach was impacted by 2012 fire and subsequent flooding.

Rio Ruidoso (Carrizo Ck to Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_20	20.6.4.209	STREAM, PERENNIAL	4.96 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Turbidity	1998	2/10/2006	4A
		Temperature	1998	2/10/2006	4A
		Nutrients	2018	12/13/2016	4A
		Phosphorus, Total	2014	12/13/2016	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDLs for temperature and turbidity (prior to split at Carrizo Ck). TMDL for nutrients (2016).

Rio Ruidoso (Eagle Ck to US Hwy 70 Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_20	20.6.4.208	STREAM, PERENNIAL	9.12 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	1998	12/13/2016	4A
		Turbidity	2014	9/21/2015	4A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/21/2015	4A
WH	Fully Supporting				

AU Comment: TMDL for nutrients.

Rio Ruidoso (North Fork abv Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_24	20.6.4.209	STREAM, PERENNIAL	2.28 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Rio Ruidoso (Perennial prt Rio Bonito to Eagle Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_21	20.6.4.208	STREAM, PERENNIAL	13.02 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
FC	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Ruidoso (US Hwy 70 Bridge to Carrizo Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_21	20.6.4.209	STREAM, PERENNIAL	7.97 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients Temperature	2014 2014	12/13/2016 2/10/2006	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/21/2015	4A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDLs for temperature and turbidity (prior to split at Carrizo Ck), E. coli, and nutrients.					
S. Fork Eagle Creek (Eagle Creek to Mescalero Apache bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_00	20.6.4.209	STREAM, PERENNIAL	0.76 MILES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Flow Regime Modification			4C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060008 Rio Hondo	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2209.A_11	20.6.4.209	STREAM, PERENNIAL	5.73 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Not Assessed				
PC	Not Assessed				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

HUC: 13060009 Rio Felix

Rio Felix (Pecos River to Mescalero Apache)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060009 Rio Felix	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_30	20.6.4.98	STREAM, INTERMITTENT	81.93 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This reach is usually dry. Some fish observed in pools spring of 2003.

HUC: 13060010 Rio Penasco

Agua Chiquita (Rio Penasco to McEwan Cny)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_02	20.6.4.97	STREAM, EPHEMERAL	14.96 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Fully Supporting				
LW	Not Assessed				
SC	Not Assessed				
WH	Fully Supporting				

AU Comment: Hydrology Protocol-based UAA concluded this reach was ephemeral. UAA was approved by EPA in Oct 2013.

Agua Chiquita (perennial portions McEwan Cny to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_01	20.6.4.208	STREAM, PERENNIAL	21.48 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Turbidity	2014	9/21/2015	4A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	2023 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Rio Penasco (HWY 24 to Cox Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_00	20.6.4.208	STREAM, PERENNIAL	36.05 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Turbidity	2014	9/21/2015	4A
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Coolwater may be a more appropriate ALU designation. WQS is under review.

Rio Penasco (Pecos River to Bluewater Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_11	20.6.4.98	STREAM, INTERMITTENT	45.71 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Rio Penasco (Perennial prt Bluewater Creek to HWY 24)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_10	20.6.4.206	STREAM, PERENNIAL	20.41 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Penasco (Perennial prt Cox Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060010 Rio Penasco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2208_03	20.6.4.208	STREAM, PERENNIAL	14.77 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Fully Supporting				
FC	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 13060011 Upper Pecos-Black

Avalon Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2204.B_00	20.6.4.219	RESERVOIR	521.6 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Not Assessed				
SC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Black River (Double Canyon to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_14	20.6.4.98	STREAM, INTERMITTENT	20.99 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Black River (Perennial prt Blue Spring to Double Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_13	20.6.4.202	STREAM, PERENNIAL	17.76 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Black River (Perennial prt Pecos River to Blue Spring)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_10	20.6.4.202	STREAM, PERENNIAL	17.63 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Blue Spring (Black River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_11	20.6.4.202	STREAM, PERENNIAL	3.63 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					
Brantley Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2205_00	20.6.4.205	RESERVOIR	1602.54 ACRES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2020		5/5C
		DDT - Fish Consumption Advisory	2006		5/5C
WH	Fully Supporting				
AU Comment: Fish Consumption Advisory listings are based on NMs 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_048	20.6.4.98	RESERVOIR	65.07 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Laguna Gatuna			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_055	20.6.4.98	LAKE, PLAYA	391.73 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: Naturally saline lake, so livestock watering not attainable or existing.					
Laguna Quatro			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_059	20.6.4.98	LAKE, PLAYA	260.76 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: Hypersaline due to potash mining activities, so livestock watering likely not attainable or existing.					
Laguna Tres			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_061	20.6.4.98	LAKE, PLAYA	929.46 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Laguna Uno			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_066	20.6.4.98	LAKE, PLAYA	462.25 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Lower Tansil Lake/Lake Carlsbad (Carlsbad Municipal Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2203.B_00	20.6.4.218	RESERVOIR	134.28 ACRES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	PCBS - Fish Consumption Advisory	2010		5/5C
		DDT - Fish Consumption Advisory	2016		5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2204.A_00	20.6.4.204	RIVER	10.77 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Not Assessed				
WWAL	Not Supporting	DDT - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2010 2020		5/5C 5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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 (Black River to Six Mile Dam)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_00	20.6.4.202	RIVER	16.59 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WWAL	Not Supporting	DDT - Fish Consumption Advisory PCBS - Fish Consumption Advisory	2020 2010		5/5C 5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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 Penasco)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2206.A_01	20.6.4.206	RIVER	12.89 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
SC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Pecos River (Lake Carlsbad to Avalon Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4C	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2203.A_00	20.6.4.203	RIVER	3.97 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Not Supporting	Flow Regime Modification			4C
WH	Fully Supporting				

AU Comment: Usually dry - water diverted to Carlsbad main canal.

Pecos River (Six Mile Dam to Lower Tansil Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_01	20.6.4.202	RIVER	3.67 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	DDT - Fish Consumption Advisory PCBS - Fish Consumption Advisory	2020 2010		5/5C 5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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 (TX border to Black River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2201_00	20.6.4.201	RIVER	35.74 MILES	2020	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2016	9/23/2016	4A
WWAL	Not Supporting	DDT - Fish Consumption Advisory Dissolved oxygen PCBS - Fish Consumption Advisory	2020 2006 2010		5/5C 5/5C 5/5C
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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.

Rattlesnake Spring Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_12	20.6.4.99	LAKE, FRESHWATER	0.13 ACRES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Not Assessed				

AU Comment: This is the drinking water source for Carlsbad Caverns.

Sitting Bull Creek (Last Chance Canyon to Sitting Bull Spr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_007	20.6.4.99	STREAM, PERENNIAL	1.83 MILES	2016	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Williams Sink (Eddy)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 13060011 Upper Pecos-Black	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_109	20.6.4.98	LAKE, PLAYA	105.08 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 13070002 Delaware	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2202.A_20	20.6.4.202	STREAM, PERENNIAL	8.49 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: No flow documented at US285 bridge.

HUC: 14080101 Upper San Juan

Gallegos Canyon (San Juan River to Navajo bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_060	20.6.4.99	STREAM, PERENNIAL	0.65 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WWAL	Not Supporting	Selenium, Total Recoverable	2004	8/26/2005	4A
		Temperature	2020	2021 (est.)	5/5A
WH	Not Supporting	Selenium, Total Recoverable	2004	8/26/2005	4A

AU Comment: TMDL was prepared for selenium (2005).

Los Pinos River (Navajo Reservoir to CO border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2407.A_10	20.6.4.407	STREAM, PERENNIAL	1.37 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature	2020	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Navajo Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2406_00	20.6.4.406	RESERVOIR	12680.2 ACRES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature Mercury - Fish Consumption Advisory	2012 2004		5/5C 5/5C
IW Supply	Not Assessed				
IRR Storage	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2407.A_00	20.6.4.407	STREAM, PERENNIAL	5.88 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Temperature Turbidity Phosphorus, Total	2012 2020 2020	2021 (est.)	5/5B 5/5C 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: Fisheries data indicate coolwater may be a more appropriate ALU -- WQS review needed.					
San Juan River (Animas River to Canon Largo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2401_00	20.6.4.408	RIVER	25.94 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Sedimentation/Siltation	2004	8/26/2005	4A
PC	Fully Supporting				
PWS	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs were prepared for sedimentation, fecal coliform and E. coli.					

San Juan River (Canon Largo to Navajo Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2405_10	20.6.4.405	RIVER	19.68 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
HQColdWAL	Fully Supporting				
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

San Juan River (NM reach upstream of Navajo Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080101 Upper San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2405_11	20.6.4.99	RIVER	0.56 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WWAL	Not Supporting	Aluminum, Total Recoverable	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

HUC: 14080104 Animas					
Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080104 Animas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2404_00	20.6.4.404	RIVER	19.4 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolIWAL	Not Supporting	Turbidity	2012		5/5C
		Nutrients	2020	2021 (est.)	5/5A
		Temperature	1998	2021 (est.)	5/5A
		Phosphorus, Total	2012	9/30/2013	4A
		Lead, Dissolved	2020		5/5C
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for E. coli and total phosphorus.					
Animas River (San Juan River to Estes Arroyo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 14080104 Animas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2403.A_00	20.6.4.403	RIVER	16.73 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolIWAL	Not Supporting	Temperature	2012	9/30/2013	4A
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
PWS	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL for nutrients, temperature, and E. coli.					

Lake Farmington (Beeline Reservoir)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080104 Animas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_006	20.6.4.409	RESERVOIR	211.32 ACRES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
.....
LW	Fully Supporting				
.....
PC	Fully Supporting				
.....
PWS	Not Assessed				
.....
WWAL	Not Supporting	Mercury - Fish Consumption Advisory	2004		5/5C
.....
WH	Fully Supporting				

AU Comment: This is the City of Farmingtons drinking water supply reservoir. Fish Consumption Advisory listings are based on NMs 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_005	20.6.4.410	RESERVOIR	66.29 ACRES	2014	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
.....
IRR	Not Assessed				
.....
LW	Not Assessed				
.....
PC	Not Assessed				
.....
WH	Not Assessed				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2402.A_01	20.6.4.402	STREAM, PERENNIAL	8.52 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Nutrients	2012	2021 (est.)	5/5A
MWWAL	Not Supporting	Nutrients	2012	2021 (est.)	5/5A
PC	Not Supporting	E. coli	2006	8/26/2005	4A
WH	Fully Supporting				

AU Comment: TMDLs for DO and e. coli.

La Plata River (San Juan River to McDermott Arroyo)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2402.A_00	20.6.4.402	STREAM, PERENNIAL	17.82 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Dissolved oxygen Sedimentation/Siltation	1998 2004	2021 (est.) 8/26/2005	5/5C 4A
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2012	2/26/2010	4A
WH	Fully Supporting				

AU Comment: This AU is no longer perennial throughout.

San Juan River (Navajo bnd at Hogback to Animas River)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2401_10	20.6.4.401	RIVER	22.8 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Sedimentation/Siltation	2012		5/5C
PC	Not Supporting	E. coli	2006	8/26/2005	4A
PWS	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDLs were prepared for fecal coliform and E. coli.

Shumway Arroyo (San Juan River to Ute Mtn Ute bnd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_021	20.6.4.98	STREAM, INTERMITTENT	13.35 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WH	Fully Supporting				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 14080105 Middle San Juan	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2401_11	20.6.4.99	STREAM, PERENNIAL	9.82 MILES	2020	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Supporting	E. coli	2020	2021 (est.)	5/5A
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 14080106 Chaco

Unnamed tributary (Kim-me-ni-oli Wash to hdwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 14080106 Chaco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_025	20.6.4.97	STREAM, EPHEMERAL	9.15 MILES	2012	2025
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Lee Ranch Coal Co, El Segundo Mine, permit NM0030996

HUC: 15020003 Carrizo Wash

Crater Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_033	20.6.4.98	LAKE, PLAYA	3.07 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

El Caso Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_038	20.6.4.98	LAKE, PLAYA	20.08 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Gabaldon Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_045	20.6.4.98	LAKE, PLAYA	9.46 ACRES	1998	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: Part of playa lake study. Data are old.

Largo Creek (Carrizo Wash to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_906	20.6.4.98	STREAM, INTERMITTENT	79.42 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

Little El Caso Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_075	20.6.4.98	LAKE, PLAYA	3.14 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Pine Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_095	20.6.4.98	LAKE, PLAYA	16.75 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Quemado Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15020003 Carrizo Wash	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_096	20.6.4.453	RESERVOIR	112.25 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	Nutrients	2014	2021 (est.)	5/5A
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 15020004 Zuni

Cebolla Creek (Ramah Reservoir to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_032	20.6.4.98	STREAM, INTERMITTENT	11.09 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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). The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

Cebolla Creek (Zuni Pueblo bnd to Ramah Rsvr)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_031	20.6.4.98	STREAM, INTERMITTENT	5.01 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: 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). This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

McGaffey Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_083	20.6.4.98	RESERVOIR	11.42 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Supporting	Nutrients	1998	2021 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Lake often goes dry. Department of Game and Fish dredged the lake in 2003 to return it to its original design capacity. They no longer successfully stock trout (just catfish when there is adequate water).

Ramah Reservoir			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_110	20.6.4.452	RESERVOIR	144.97 ACRES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients	2014	2021 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Rio Nutria (Tampico Draw to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_033	20.6.4.451	STREAM, EPHEMERAL	12.42 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Coolwater may not be attainable -- WQS under review.

Rio Nutria (Zuni Pueblo bnd to Tampico Draw)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_029	20.6.4.451	STREAM, PERENNIAL	0.34 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Tampico Draw (Rio Nutria to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020004 Zuni	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_080	20.6.4.451	STREAM, PERENNIAL	9.82 MILES	2006	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 15020006 Upper Puerco

Defiance Draw (CR 1 to W Defiance Road)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_026	20.6.4.97	STREAM, EPHEMERAL	5.24 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Chevron McKinley mine, permit NM0029386

Puerco River (Gallup WWTP to South Fork Puerco R)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_201	20.6.4.98	STREAM, INTERMITTENT	10.4 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Puerco River (South Fork Puerco R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_202	20.6.4.98	STREAM, INTERMITTENT	44.72 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Puerco River (non-tribal AZ border to Gallup WWTP)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_200	20.6.4.99	STREAM, PERENNIAL	23.38 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	Ammonia, Total	2014	2022 (est.)	5/5A
WH	Fully Supporting				

AU Comment: This AU is effluent-dependent.

South Fork Puerco River (Puerco R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.A_203	20.6.4.98	STREAM, INTERMITTENT	35.18 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Unnamed tributary to Defiance Draw (CR 1 to NM 264)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15020006 Upper Puerco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-97.A_027	20.6.4.97	STREAM, EPHEMERAL	5.7 MILES	2014	2021
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LAL	Not Assessed				
LW	Not Assessed				
SC	Not Assessed				
WH	Not Assessed				

AU Comment: Ephemeral AU subject to 20.6.4.97 NMAC, included in UAA for 18 Unclassified Non-Perennial Watercourses with NPDES Permitted Facilities, June 2012. EPA provided technical approval January 30, 2013. Chevron/McKinley Mine, permit NM0029386

HUC: 15040001 Upper Gila

Beaver Creek (Perennial prt Taylor Ck to Mule Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_25	20.6.4.503	STREAM, PERENNIAL	17.69 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2014		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Temperature WQC is under review.

Black Canyon Creek (East Fork Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_21	20.6.4.503	STREAM, PERENNIAL	25.51 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	1996	4/5/2002	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for temperature. WQC is under review.

Canyon Creek (Middle Fork Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_43	20.6.4.503	STREAM, PERENNIAL	14.41 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients Turbidity	1998 1998	4/10/2002 4/10/2002	4A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL turbidity and plant nutrients

Diamond Ck (Perennial prt Bailey Ck to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_24	20.6.4.503	STREAM, PERENNIAL	13.84 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: The USFS states that this reach is occupied habitat for Gila Trout.

Diamond Ck (Perennial prt East Fork Gila R to Bailey Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_22	20.6.4.503	STREAM, PERENNIAL	13.3 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: The USFS states that the reach is intermittent in the lower sections and contains a native warmwater fishery. The existing and attainable aquatic life use for the perennial portions in this lower AU is likely coolwater. WQS review needed.

East Fork Gila River (Gila River to Taylor Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_20	20.6.4.503	STREAM, PERENNIAL	27.6 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Benthic Macroinvertebrates	2010		5/5C
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Gila River (Mogollon Ck to East and West Forks of Gila R)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_30	20.6.4.502	STREAM, PERENNIAL	42.24 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2010		5/5B
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: Marginal CWAL may not be attainable. WQS under review.

Gilita Creek (Middle Fork Gila R to Willow Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_45	20.6.4.503	STREAM, PERENNIAL	6.35 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002	2022 (est.)	5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Gilita Creek (Perennial reaches abv Willow Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_48	20.6.4.503	STREAM, PERENNIAL	6.65 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Hoyt Creek (Wall Lake to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_26	20.6.4.98	STREAM, INTERMITTENT	20.29 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Iron Creek (Middle Fork Gila R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_44	20.6.4.503	STREAM, PERENNIAL	13.19 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2014		5/5B
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Temperature WQS is under review.

Lake Roberts			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2504_20	20.6.4.504	RESERVOIR	67.33 ACRES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Mercury - Fish Consumption Advisory Nutrients	2016 2014		5/5C 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Fish Consumption Advisory listings are based on NMs 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.

Little Creek (West Fork Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_31	20.6.4.503	STREAM, PERENNIAL	17.11 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Middle Fork Gila River (Canyon Creek to Gilita Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_41	20.6.4.503	STREAM, PERENNIAL	12.5 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Temperature WQC is under review. The 2012 Whitewater Baldy Complex Fire severely burned portions of the watershed.

Middle Fork Gila River (West Fork Gila R to Canyon Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_40	20.6.4.503	STREAM, PERENNIAL	24.21 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Temperature WQC is under review. The 2012 Whitewater Baldy Complex Fire severely burned portions of the watershed.					
Mogollon Creek (Gila River to USGS Gage 09430600)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_05	20.6.4.98	STREAM, INTERMITTENT	12.95 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					
Mogollon Creek (Perennial prt USGS Gage 09430600 to hwtrs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_02	20.6.4.503	STREAM, PERENNIAL	16.86 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				
AU Comment: TMDL AI chronic; de-list letter for SBD (sedimentation/siltation), chronic lead. Gila Trout restoration in 1986 and 1996 by NMG&F.					

Sapillo Creek (Gila River to Lake Roberts)			AU IR CATEGORY	LOCATION DESCRIPTION	
			1	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_04	20.6.4.503	STREAM, PERENNIAL	11.92 MILES	2018	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: TMDL turbidity and TOC; de-list letter for biological impairment. De-listed for turbidity (2010 cycle).

Snow Canyon Ck (Perennial prt Gilita Ck to Snow Lake)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_46	20.6.4.99	STREAM, PERENNIAL	0.28 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Assessed				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: This reach exists due to dam leakage only, so an existing aquatic life use of coldwater was added to match the source of this flow.

Snow Lake			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2504_40	20.6.4.504	RESERVOIR	93.58 ACRES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Nutrients pH	2014 2016	2021 (est.) 2021 (est.)	5/5A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

Taylor Creek (Perennial reaches Beaver Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_23	20.6.4.503	STREAM, PERENNIAL	24.15 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Nutrients Temperature	2014 1998	2022 (est.) 8/5/2002	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Temperature WQC is under review.

Turkey Creek (Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_03	20.6.4.503	STREAM, PERENNIAL	17.63 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: The temperature WQC is under review.

West Fork Gila R (Gila River to Middle Fork)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_10	20.6.4.503	STREAM, PERENNIAL	5.08 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2002		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: The temperature WQC is under review. Wildfire impacts.

West Fork Gila R (Middle Fork to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_30	20.6.4.503	STREAM, PERENNIAL	32.16 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Temperature	2010		5/5B
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Temperature WQC is under review.

White Creek (West Fork Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_32	20.6.4.503	STREAM, PERENNIAL	9.03 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Willow Creek (Gilita Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040001 Upper Gila	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_47	20.6.4.503	STREAM, PERENNIAL	7.34 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
HQColdWAL	Not Supporting	Aluminum, Total Recoverable Temperature	2014 2014	9/11/2014 2022 (est.)	4A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: Native fish re-introduction with fish barrier (2016).

HUC: 15040002 Upper Gila-Mangas					
Bear Creek (Gila River nr Cliff to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_01	20.6.4.502	STREAM, PERENNIAL	33.65 MILES	2008	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: 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			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.B_00	20.6.4.505	RESERVOIR	62.48 ACRES	2016	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
CoolWAL	Not Supporting	PCBS - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2016 2012		5/5C 5/5C
LW	Fully Supporting				
PC	Fully Supporting				
WWAL	Not Supporting	PCBS - Fish Consumption Advisory Mercury - Fish Consumption Advisory	2016 2012		5/5C 5/5C
WH	Fully Supporting				
AU Comment: Land management agencies have posted contact recreation warnings due to toxic blue green algae in the past. SWQB does not have water quality standards or assessment procedures related to blue green algae at this time. Fish Consumption Advisory listings are based on NMs 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.					

Bitter Creek (AZ border to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2503_49	20.6.4.98	STREAM, INTERMITTENT	6.27 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Blue Creek (Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2501_10	20.6.4.502	STREAM, PERENNIAL	37.4 MILES	2010	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Fully Supporting				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Not Assessed				

AU Comment: None.

Carlisle Creek (Gila River to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_02	20.6.4.98	STREAM, INTERMITTENT	17.51 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Fully Supporting				

AU Comment: This AU may be ephemeral. The process detailed in 20.6.4.15 NMAC Subsection C must be completed in order to classify a waterbody under 20.6.4.97 NMAC. Until such time, this AU remains classified under Intermittent Waters - 20.6.4.98 NMAC.

Gila River (AZ border to Red Rock)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2501_00	20.6.4.501	RIVER	26.76 MILES	2010	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2010	2022 (est.)	5/5A
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: None.					

Gila River (Mangas Creek to Mogollon Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_10	20.6.4.502	RIVER	17.41 MILES	2010	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature	2010		5/5B
PC	Fully Supporting				
WWAL	Fully Supporting				
WH	Fully Supporting				
AU Comment: Marginal CWAL may not be attainable. WQS under review.					

Gila River (Red Rock to Mangas Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_00	20.6.4.502	RIVER	20.26 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature Nutrients	2010 2010	2022 (est.) 2022 (est.)	5/5A 5/5A
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2010	2022 (est.)	5/5A
WH	Fully Supporting				

AU Comment: None.

Mangas Creek (Gila River to Mangas Springs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_21	20.6.4.502	STREAM, PERENNIAL	6.86 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Temperature Nutrients	2010 2004	2022 (est.) 4/16/2002	5/5A 4A
PC	Fully Supporting				
WWAL	Not Supporting	Nutrients	2004	4/16/2002	4A
WH	Fully Supporting				

AU Comment: TMDL for nutrients. 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040002 Upper Gila-Mangas	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2502.A_22	20.6.4.502	STREAM, PERENNIAL	18.4 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IW Supply	Not Assessed				
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
PC	Not Assessed				
WWAL	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

HUC: 15040003 Animas Valley

Burro Cienaga (Lordsburg Playa to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040003 Animas Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-98.A_010	20.6.4.98	STREAM, INTERMITTENT	53.86 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

North Lordsburg Playa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040003 Animas Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_091	20.6.4.98	LAKE, PLAYA	3015.54 ACRES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Sacaton (No Name) Playa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040003 Animas Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_097	20.6.4.98	LAKE, PLAYA	1186.7 ACRES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

South Lordsburg Playa			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040003 Animas Valley	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-9000.B_099	20.6.4.98	LAKE, PLAYA	7412.21 ACRES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

HUC: 15040004 San Francisco

Apache Creek (Tularosa River to Hardcastle Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_44	20.6.4.98	STREAM, INTERMITTENT	9.17 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: 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)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_50	20.6.4.603	STREAM, PERENNIAL	19.76 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Turbidity	2014	9/11/2014	4A
		Sedimentation/Siltation	2014	2022 (est.)	5/5A
		Temperature	1998	2022 (est.)	5/5A
		Specific Conductance	1998	4/16/2002	4A
		Nutrients	1998	4/16/2002	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/11/2014	4A
WH	Fully Supporting				

AU Comment: TMDL for plant nutrients and conductivity. Temperature WQC under review.

Dry Blue Creek (AZ bnd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_70	20.6.4.99	STREAM, PERENNIAL	9.87 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Mineral Creek (San Francisco Creek to Silver Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_22	20.6.4.98	STREAM, INTERMITTENT	4.12 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

Mineral Creek (Silver Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_20	20.6.4.603	STREAM, PERENNIAL	15.85 MILES	2000	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Fully Supporting				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

Mule Creek (San Francisco R to Mule Springs)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_01	20.6.4.601	STREAM, PERENNIAL	11.74 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Dissolved oxygen	2014	2022 (est.)	5/5A
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: Sonde data needed to confirm DO listing based on grab data. Access is limited.					
Negrito Creek (Tularosa River to confl of N and S forks)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_42	20.6.4.603	STREAM, PERENNIAL	13.02 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2002		5/5B
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				
AU Comment: Reach went dry during 2011 Gila survey upstream of sampling station. Limited WQ data available. WQS under review.					

North Fork Negrito Creek (Negrito Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_45	20.6.4.603	STREAM, PERENNIAL	16.36 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

S A Creek (Perennial prt of Centerfire Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-99.A_002	20.6.4.99	STREAM, PERENNIAL	14.49 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Not Assessed				
PC	Not Assessed				
WWAL	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Francisco River (AZ border to Box Canyon)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_00	20.6.4.601	STREAM, PERENNIAL	17.42 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Francisco River (Box Canyon to Whitewater Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_10	20.6.4.601	STREAM, PERENNIAL	6.15 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Benthic Macroinvertebrates	2010		5/5C
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

San Francisco River (Centerfire Creek to AZ border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2602_20	20.6.4.602	STREAM, PERENNIAL	15.18 MILES	2008	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Benthic Macroinvertebrates Temperature	2012 1998	8/5/2002	5/5C 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDL for temperature and plant nutrients; de-list for turbidity. Delisted for nutrients during 2010 listing cycle. Temperature WQC is under review.					
San Francisco River (NM 12 at Reserve to Centerfire Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2602_10	20.6.4.602	STREAM, PERENNIAL	16.29 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
ColdWAL	Not Supporting	Turbidity Temperature	2014 2014	9/11/2014 2022 (est.)	4A 5/5A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/11/2014	4A
WH	Fully Supporting				
AU Comment: Wildlife impacts.					

San Francisco River (Pueblo Ck to Willow Springs Cyn)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_21	20.6.4.601	STREAM, PERENNIAL	22.78 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Not Assessed				
LW	Not Assessed				
MCWAL	Not Assessed				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: None.

San Francisco River (Whitewater Ck to Pueblo Ck)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_20	20.6.4.601	STREAM, PERENNIAL	14.97 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Not Supporting	Sedimentation/Siltation	2014	2022 (est.)	5/5A
MWWAL	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				

AU Comment: None.

San Francisco River (Willow Springs Cyn to NM 12 at Reserve)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2601_22	20.6.4.601	STREAM, PERENNIAL	10.86 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting				
MCWAL	Fully Supporting				
MWWAL	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/11/2014	4A
WH	Fully Supporting				

AU Comment: None.

Silver Creek (Mineral Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_21	20.6.4.98	STREAM, INTERMITTENT	9.79 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
LW	Fully Supporting				
MWWAL	Not Assessed				
PC	Not Assessed				
WH	Fully Supporting				

AU Comment: None.

South Fork Negrito Creek (Negrito Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			4A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_43	20.6.4.603	STREAM, PERENNIAL	17.6 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	1998	4/5/2002	4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/11/2014	4A
WH	Fully Supporting				

AU Comment: TMDL for temperature. The temperature WQC is under review.

Stone Creek (San Francisco R to AZ border)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_61	20.6.4.603	STREAM, PERENNIAL	1.67 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				

AU Comment: Temperature WQC is under review.

Trout Creek (Perennial prt San Francisco R to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5B	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_60	20.6.4.603	STREAM, PERENNIAL	16.07 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature	2014		5/5B
IRR	Not Assessed				
LW	Not Assessed				
PC	Fully Supporting				
WH	Not Assessed				
AU Comment: Temperature WQC is under review.					
Tularosa River (Apache Creek to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			3/3A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_41	20.6.4.603	STREAM, PERENNIAL	19.19 MILES	2002	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Not Assessed				
FC	Not Assessed				
HQColdWAL	Not Assessed				
IRR	Not Assessed				
LW	Not Assessed				
PC	Not Assessed				
WH	Not Assessed				
AU Comment: None.					

Tularosa River (San Francisco R to Apache Creek)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5A	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_40	20.6.4.603	STREAM, PERENNIAL	23.34 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Not Supporting	Temperature Turbidity	2014 2014	2022 (est.) 9/11/2014	5/5A 4A
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Not Supporting	E. coli	2014	9/11/2014	4A
WH	Fully Supporting				
AU Comment: TMDL for specific conductance.					
Whitewater Creek (San Francisco R to Whitewater Campgrd)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_10	20.6.4.603	STREAM, PERENNIAL	6.12 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: TMDLs for turbidity and dissolved AI (2002). The 2012 Whitewater Baldy Complex Fire severely burned portions of the watershed. Dissolved AI TMDL withdrawn 2018 because no longer an applicable WQC.					

Whitewater Creek (Whitewater Campgrd to headwaters)			AU IR CATEGORY	LOCATION DESCRIPTION	
			2	HUC: 15040004 San Francisco	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2603.A_12	20.6.4.603	STREAM, PERENNIAL	14.01 MILES	2014	2020
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
DWS	Fully Supporting				
FC	Not Assessed				
HQColdWAL	Fully Supporting				
IRR	Fully Supporting				
LW	Fully Supporting				
PC	Fully Supporting				
WH	Fully Supporting				
AU Comment: The 2012 Whitewater Baldy Complex Fire severely burned portions of the watershed. The Whitewater Creek Native Fish Restoration Project began October 2018 to restore native fish in this reach.					

Uses Abbreviation Key	
ColdWAL	Coldwater Aquatic Life
CoolWAL	Coolwater Aquatic Life
DWS	Domestic Water Supply
FC	Fish Culture
HQColdWAL	High Quality Coldwater Aquatic Life
IW Storage	Industrial Water Storage
IW Supply	Industrial Water Supply
IRR	Irrigation
IRR Storage	Irrigation Storage
LAL	Limited Aquatic Life
LW	Livestock Watering
MCWAL	Marginal Coldwater Aquatic Life
MWWAL	Marginal Warmwater Aquatic Life
MWS	Municipal Water Storage
PC	Primary Contact
PWS	Public Water Supply
SC	Secondary Contact
WWAL	Warmwater Aquatic Life
WH	Wildlife Habitat

ColdWAL	Coldwater Aquatic Life
CoolWAL	Coolwater Aquatic Life
DWS	Domestic Water Supply
FC	Fish Culture
HQColdWAL	High Quality Coldwater Aquatic Life
IW Storage	Industrial Water Storage
IW Supply	Industrial Water Supply
IRR	Irrigation
IRR Storage	Irrigation Storage
LAL	Limited Aquatic Life
LW	Livestock Watering
MCWAL	Marginal Coldwater Aquatic Life
MWWAL	Marginal Warmwater Aquatic Life
MWS	Municipal Water Storage
PC	Primary Contact
PWS	Public Water Supply
SC	Secondary Contact
WWAL	Warmwater Aquatic Life
WH	Wildlife Habitat

2020-2022
State of New Mexico
Clean Water Act
§303(d)/§305(b)
Integrated Report

Appendix B
Designated Use Attainment Status,
Cause, and Probable Source
Summary Tables



Prepared by:

New Mexico Environment Department

Surface Water Quality Bureau

1190 St. Francis Drive

Santa Fe, New Mexico 87505

<https://www.env.nm.gov/surface-water-quality/>

Table B-1: Designated Use Attainment Status Summary for Stream/River

<i>Designated Use</i>	<i>Total Size (mi)</i>	<i>Size Assessed (mi)</i>	<i>Size Fully Supporting (mi)</i>	<i>Size Not Supporting (mi)</i>	<i>Size Not Assessed (mi)</i>
Coldwater Aquatic Life	830.75	644.28	140.18	504.1	186.47
Coolwater Aquatic Life	360.84	266.4	45.14	221.26	94.44
High Quality Coldwater Aquatic Life	2814.02	2583.03	848.86	1734.17	230.99
Limited Aquatic Life	274.16	103.15	26.19	76.96	171.01
Marginal Coldwater Aquatic Life	988.47	909.21	312.85	596.36	79.26
Marginal Warmwater Aquatic Life	2781.17	1457.3	706.19	751.11	1323.87
Warmwater Aquatic Life	1665.48	1380.87	932.96	447.91	284.61
Primary Contact	7817.63	5146.94	3965.13	1181.81	2670.69
Secondary Contact	839.63	548.6	548.6	0	291.03
Domestic Water Supply	2953.18	2494.2	2473.54	20.66	458.98
Irrigation	6608.01	5661.45	5601.44	60.01	946.56
Livestock Watering	8656.76	6004.34	5881.92	122.42	2652.42
Wildlife Habitat	8657.26	6189.67	5974.34	215.33	2467.59
Fish Culture*	1404.05	--	--	--	1404.05
Industrial Water Supply*	428.34	--	--	--	428.34
Public Water Supply*	777.16	--	--	--	775.79

* = All Fish Culture, Public Water Supply, and Industrial Water Supply designated uses are defaulted to “Not Assessed” because no numeric criteria apply uniquely to these uses per 20.6.4.900.A NMAC.

Table B-2: Designated Use Attainment Status Summary for Lakes/Reservoirs

<i>Designated Use</i>	<i>Total Size (mi)</i>	<i>Size Assessed (mi)</i>	<i>Size Fully Supporting (mi)</i>	<i>Size Not Supporting (mi)</i>	<i>Size Not Assessed (mi)</i>
Coldwater Aquatic Life	25822.69	25748.96	3108.63	22640.33	73.73
Coolwater Aquatic Life	1953.62	652.21	0	652.21	1301.41
High Quality Coldwater Aquatic Life	2359.58	2108.55	57.64	2050.91	251.03
Marginal Coldwater Aquatic Life	249.46	154.47	154.47	0	94.99
Marginal Warmwater Aquatic Life	25522.29	1251.78	15.14	1236.64	24270.51
Warmwater Aquatic Life	48234.56	46963.7	13911.28	33052.42	1270.86
Primary Contact	84600.44	57750.17	57750.17	0	26850.27
Secondary Contact	910.73	389.13	389.13	0	521.6
Domestic Water Supply	2976.68	2725.65	2725.65	0	251.03
Irrigation	5345.27	4894.94	4894.94	0	450.33
Irrigation Storage	46368.62	46368.62	46368.62	0	0
Livestock Watering	85488.54	59029.79	59029.79	0	26458.75
Wildlife Habitat	85511.17	64230.48	64230.48	0	21280.69
Fish Culture*	36.38	--	--	--	36.38
Industrial Water Supply*	18862.33	--	--	--	18862.33
Public Water Supply*	32484.85	--	--	--	32484.85

* = All Fish Culture, Public Water Supply, and Industrial Water Supply designated uses are defaulted to “Not Assessed” because no numeric criteria apply uniquely to these uses per 20.6.4.900.A NMAC.

Table B-3: Cause Summary for Stream/River Water Quality Impairments

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (miles)</i>
AMMONIA	59.44
Ammonia, Total	59.44
CAUSE UNKNOWN - IMPAIRED BIOTA	128
Benthic Macroinvertebrates	128
FISH CONSUMPTION ADVISORY	109.24
DDT - Fish Consumption Advisory	109.24
HYDROLOGIC ALTERATION	255.38
Flow Regime Modification	255.38
MERCURY	240.26
Mercury - Fish Consumption Advisory	94.79
Mercury, Total	145.47
METALS (OTHER THAN MERCURY)	1138.42
Aluminum, Total Recoverable	579.44
Arsenic, Dissolved	37.34
Cadmium, Dissolved	14.89
Copper, Dissolved	58.52
Lead, Dissolved	34.29
Sedimentation/Siltation	342.59
Selenium, Total Recoverable	69.26
Silver, Dissolved	2.09
NUTRIENTS	1262.09
Nutrients	1231.85
Phosphorus, Total	30.24
ORGANIC ENRICHMENT/OXYGEN DEPLETION	288.5
Dissolved oxygen	288.5
PATHOGENS	1181.81
E. coli	1181.81
PH/ACIDITY/CAUSTIC CONDITIONS	35.01
pH	35.01
POLYCHLORINATED BIPHENYLS (PCBS)	308.61
PCBS - Fish Consumption Advisory	88.86
Polychlorinated Biphenyls (PCBs)	219.75
RADIATION	150.31
Gross Alpha, Adjusted	130.94
Radium	11.6
Uranium, Dissolved	7.77

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (miles)</i>
SALINITY/TOTAL DISSOLVED SOLIDS/CHLORIDES/SULFATES	334.93
Specific Conductance	261.51
Sulfate	36.71
Total Dissolved Solids (TDS)	36.71
TEMPERATURE	2311.27
Temperature	2311.27
TOXIC INORGANICS	45.95
Boron, Dissolved	23.3
Cyanide, Total Recoverable	22.65
TURBIDITY	793
Turbidity	793

Table B-4: Cause Summary for Lake/Reservoir Water Quality Impairments

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (acres)</i>
FISH CONSUMPTION ADVISORY	1736.82
DDT - Fish Consumption Advisory	1736.82
MERCURY	51312.38
Mercury - Fish Consumption Advisory	51312.38
METALS (OTHER THAN MERCURY)	325.93
Aluminum, Total Recoverable	92.95
Arsenic, Dissolved	232.98
NUTRIENTS	8017.37
Nutrients	8017.37
ORGANIC ENRICHMENT/OXYGEN DEPLETION	3.82
Dissolved oxygen	3.82
PH/ACIDITY/CAUSTIC CONDITIONS	325.35
pH	325.35
POLYCHLORINATED BIPHENYLS (PCBS)	21094.82
PCBS - Fish Consumption Advisory	21094.82
TEMPERATURE	17610.59
Temperature	17610.59

Table B-5: Probable Source Summary for Stream/River Water Quality Impairments*

<i>Probable Source Name (GROUP SOURCE NAME in BOLD)</i>	<i>Total Size (miles)</i>
AGRICULTURE	4079.79
Animal Feeding Operations (Nps)	88.78
Animal Shows And Racetracks	7.35
Confined Animal Feeding Operations - Cafos (Point Source)	91.68
Crop Production (Dry Land)	384.49
Crop Production (Irrigated)	560.4
Livestock (Grazing or Feeding Operations)	346
Rangeland Grazing	2601.09
CONSTRUCTION	235.35
Road/Bridge/Infrastructure Construction	56.91
Site Clearance (New Development or Infill)	178.44
HABITAT ALTERATIONS (NOT DIRECTLY RELATED TO HYDROMODIFICATION)	921.11
Habitat Modification	209.73
Loss of Riparian Habitat	711.38
HYDROLOGIC ALTERATION	3229.01
Baseflow Depletion	122.24
Channelization	786.89
Dam or Impoundment	556.83
Dredging for Navigation Channels	100.56
Streambank Modifications/Destabilization	1077.39
Water Diversions	585.1
MUNICIPAL DISCHARGES/SEWAGE	1545.32
Municipal Point Source Discharges	385.04
On-site Treatment Systems (Septic)	1160.28
NATURAL/WILDLIFE	3199.45
Drought-related Impacts	857.17
Natural Sources	281.51
Waterfowl	1047.45
Wildlife Other than Waterfowl	1013.32
OTHER	1179.99
Low Water Crossing	588.86
Rural (Residential Areas)	591.13
RECREATION AND TOURISM (NON-BOATING)	596.92
Off-road Vehicles	29.5

Probable Source Name (GROUP SOURCE NAME in BOLD)	Total Size (miles)
Recreational Pollution Sources	567.42
RESOURCE EXTRACTION	105.38
Abandoned Mine Lands	21.31
Mine Tailings	56
Petroleum/Natural Gas Activities	25.94
Surface Mining	2.13
SILVICULTURE (FORESTRY)	836.92
Forest Roads (Road Construction and Use)	98.53
Silviculture Activities	276.84
Silviculture Fire Suppression	115.83
Silviculture Harvesting	19.01
Watershed Runoff following Forest Fire	326.71
SPILLS/DUMPING	272.4
Illegal Dumps Or Other Inappropriate Waste Disposal	272.4
UNKNOWN	3531.37
Source Unknown	3531.37
URBAN-RELATED RUNOFF/STORMWATER	2565.48
Impervious Surface/Parking Lot Runoff	579.38
MS4 Discharges	68.51
Municipal (High Density Area)	74.52
Road/Bridge Runoff	1424.36
Urban Runoff/Storm Sewers	96.39
Wastes from Pets	322.32

NOTES:

These tables were generated using SQUID. In most instances, more than a single cause or probable source of water quality impairment in any assessment unit (AU). When AUs have more than one cause or source of impairment, the associated AU Size is tallied in each cause or probable source category

* As reported in EPA-approved TMDLs. New Mexico has not yet written any lake TMDLs, hence there is no probable source summary to present for this water type.

2020-2022
State of New Mexico
Clean Water Act
§303(d)/§305(b)
Integrated Report

Appendix C
Response to Comments



Prepared by:

New Mexico Environment Department

Surface Water Quality Bureau

1190 St. Francis Drive

Santa Fe, New Mexico 87505

<https://www.env.nm.gov/surface-water-quality/>

RESPONSE TO COMMENTS
ON THE
2020-2022 STATE OF NEW MEXICO
CLEAN WATER ACT
§303(d)/§305(b)
INTEGRATED LIST OF ASSESSED SURFACE WATERS

October 14, 2020

Table of Contents

MINOR CHANGES TO THE DRAFT 2020-2022 INTEGRATED LIST (Appendix A of the Integrated Report) BASED ON ADDITIONAL SWQB STAFF REVIEW DURING THE PUBLIC COMMENT PERIOD	2
COMMENT SET 1 – San Juan Watershed Group, Aztec, NM.....	3
COMMENT SET 2 – Los Alamos National Laboratory, Environmental Protection & Compliance Division, Compliance Programs Group, Los Alamos, NM	6
COMMENT SET 3 – GEI Consultants, Inc., Denver, CO.....	9
COMMENT SET 4 – San Juan Water Commission, Farmington, NM	21
COMMENT SET 5 – Middle Rio Grande Technical Advisory Group (TAG).....	28
COMMENT SET 6 – Buckman Direct Diversion Board.....	35
<i>SWQB REFERENCES</i>	38

PLEASE NOTE:

Original letters and emails were converted to Microsoft Word. All submitted comments were converted to Calibri font with standard page margins for ease of collation. All original comment letters/emails are on file at the SWQB office in Santa Fe, NM.

MINOR CHANGES TO THE DRAFT 2020-2022 INTEGRATED LIST (Appendix A of the Integrated Report) BASED ON ADDITIONAL SWQB STAFF REVIEW DURING THE PUBLIC COMMENT PERIOD

1. Two drains – **North Diversion Channel (Rio Grande to outfall)** and **Lower Peralta Drain (Rio Grande to outfall)** - were erroneously included as unassessed Assessment Units (AUs) in the public comment draft Integrated List due to a database entry error. These two unassessed AUs have been removed from the Integrated List.
2. Although it was noted in the associated Assessment Rationale, the newly identified temperature impairment for **Gallegos Canyon (San Juan River to Navajo bnd)** was inadvertently not added to the assessment database used to generate the draft Integrated List and subsequent New Impairments review spreadsheet. It has been added.
3. Dissolved thallium was inadvertently not removed as a cause of impairment from assessment unit **Rio Grande (Cochiti Reservoir to San Ildefonso bnd)**. As noted in the Assessment Rationale, there were 0/14 exceedences of the dissolved thallium human health criterion. It has been removed.
4. Sedimentation was removed as a proposed cause of impairment for assessment unit **Bitter Creek (Red River to headwaters)**. A level 2 sedimentation survey is needed to complete the assessment.
5. Sedimentation was removed as a proposed cause of impairment for assessment unit **Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)**. A level 2 sedimentation survey is needed to complete the assessment.

COMMENT SET 1 – San Juan Watershed Group, Aztec, NM

Lynette Guevara
NMED Surface Water Quality Bureau
P.O. Box 5469
Santa Fe, New Mexico, 87502
September 9, 2020

Dear Ms. Guevara,

The San Juan Watershed Group would like to submit the following formal comments in response to the New Mexico Environment Department's 2020-2022 303(D)/305(B) Proposed Integrated Report.

1. The Animas River (San Juan River to Estes Arroyo and Estes Arroyo to Southern Ute Boundary) is being proposed to be de-listed for *E. coli*. A high quantity of livestock operations and on-site liquid waste management systems are present within this reach of the Animas River and the Colorado stretch of the Animas below Durango, which the SJWG has prioritized as the most probable contributions to bacteria concentrations. In accordance with the Lower Animas Watershed Based Plan, on the ground Best Management Practices and implementation have begun within these stretches to remediate non-point pollution sources with local landowners. However, we believe much work remains to be done to maintain a de-listing of the Animas River for *E. coli*.

It is understood that since a minimum of five samples were not collected within a 30-day period that monthly geometric mean thresholds for *E. coli* could not be incorporated into the analysis for the proposed de-listing. The results of the 2013-2014 Concurrent Nutrient and Bacteria Sampling Study (CNBS Study) conducted by the SJWG, San Juan Soil & Water Conservation District, and Mountain Studies Institute indicates that *E. coli* exceedances on the Animas River were predominantly over the geometric monthly mean threshold more so than the single grab sample threshold. We suggest, within reasonable resources of NMED, to expand the number of samples per water quality station to at least 5 samples within a 30-day period in the next NMED sampling event in order to include geometric monthly mean values. The following recommendations are provided based on our 2013-2014 CNBS Study results and our review of the 2017-18 Sampling Results spreadsheet.

a. Animas River (Estes Arroyo to Southern Ute Boundary) – We believe that the de-listing of *E. coli* for this assessment unit appears to be supported based on available data and using existing NMED methodology. Based on the number of samples above the 126 MPN geometric mean threshold in the 2017-2018 dataset (2/9 below the state line and 3/10 above Estes Arroyo) and patterns in the 2013-2014 CNBS dataset (Site above Estes arroyo exceeded monthly mean three months in 2013 and two months in 2014 with few single-sample exceedances), we suspect that increased sampling frequency could lead to a continued determination of impairment using the geometric mean criteria.

SWQB RESPONSE: *The SWQB appreciates and shares your concern regarding not being able to collect an adequate number of E. coli samples during our watershed surveys to be able to calculate geometric means. The SWQB is unable to incorporate this sampling frequency into survey design due to an on-going lack of monitoring staff resources. TMDLs remain in place, regardless of de-listings, unless there is a change in the applicable water quality criterion that warrants removal of the TMDL. The 2013 Animas E. coli TMDL remains in place, and used the geometric mean value of 126 cfu/100 mL to calculate the TMDL. The SWQB appreciates restoration efforts to date, and agrees that continued efforts are necessary to maintain a de-listing of the Animas River for E. coli.*

b. Animas River (San Juan River to Estes Arroyo) – The de-listing of *E. coli* for this assessment unit does not appear to be supported. The IR De-Listed Impairments spreadsheet indicates that 1/8 exceedances were observed at Farmington and the CR350 Bridge. However, 2/9 exceedances for a single grab sample are present at the Farmington sampling site based on the 2017-18 Sampling Results. We request that another review of the data by NMED occurs to ensure that the de-listing of *E. coli* within this stretch of the Animas River is supported. Based on these single grab exceedances and patterns of past exceedances over the 126 benchmark in the 2013-2014 CNBS dataset (3 months in 2013 and 4 months in 2014 at Boyd Park), we suspect that increased sampling frequency could lead to a continued determination of impairment using the geometric mean criteria.

SWQB RESPONSE: *See above comments regarding sampling frequency and the continuation of the 2013 E. coli TMDL. The assessment was re-checked. There was one additional E. coli sample collected on 5/9/18, but this data point was rejected (SWQB Qualifier Code "R3") during the data verification and validation process so this data point was not included in the final assessment dataset. The de-listing is supported based on available data and using current listing methodology (NMED/SWQB 2019).*

2. Based on the Comprehensive Assessment and Listing Methodology (CALM) used by NMED for water quality sampling, data QA/QC, and impairment standards, it is understood that baseflow conditions are used to ensure water quality impairments are attained in average water year conditions. The 2013-2014 CNBS Study, as reviewed in the *Lower Animas Watershed Based Plan* on pages 41-42, indicated a relationship between spikes in *E. coli* and nutrient concentrations with stormwater runoff during the average July through October monsoon season rather than during spring runoff or baseflow. Therefore, the SJWG suggests that NMED consider data used to list and de-list assessment units to include samples from monsoon storms when concentrations are expected to be highest.

SWQB RESPONSE: *The SWQB does incorporate data from all flow conditions into E. coli assessments (Section 2.1.5, NMED/SWQB 2019).*

3. The Animas River (San Juan River to Estes Arroyo) is being proposed to be de-listed for nutrients. Thresholds for Total Nitrogen (TN) and Total Phosphorus (TP) for this assessment unit, as updated in 2016, are 0.42 mg/L and 0.030 mg/L, respectively. It is understood that exceedances for the nutrient threshold are based on site median values that exceed TN and TP thresholds instead of total single-sample exceedances (i.e. *E. coli*). SJWG's review of 2017-18 Sampling Results concurs with no exceedances for TN, but exceedances were noted for TP, with the site median as 0.038 mg/L at CR350 and 0.033 mg/L below the CO state line. We request additional review of this water quality criteria for this assessment unit.

SWQB RESPONSE: *The assessment was re-checked. There was one additional total phosphorus sample collected on 3/22/2017, but this data point was rejected (SWQB Qualifier Code "RB1") during the data verification and validation process so this data point was not included in the final assessment dataset. The de-listing is supported based on available data and using current listing methodology (NMED/SWQB 2019).*

4. Gallegos Canyon, Stevens Arroyo, and Shumway Arroyo are being proposed to be listed as impaired for *E. coli*. The SJWG agrees with this listing based off previous sampling conducted by the SJWG and NMED. Thank you for assessing these stretches and bringing these priority areas to our attention. SJWG anticipates conducting further outreach to identify water quality concerns within these communities, and potential solutions are now being outlined in a San Juan River Needs Based Restoration Plan.

SWQB RESPONSE: *Thank you for your comment.*

Thank you for working towards improving water quality within New Mexico and considering our comments to NMED's most recent Integrated Report. We look forward to these comments being addressed in the final report and/or through SJWG coordination.

Sincerely,

Alyssa Richmond
San Juan Watershed Group Coordinator
San Juan Soil & Water Conservation District
sjwg@sanjuanswcd.com
505-234-6040 Ext. 3

COMMENT SET 2 – Los Alamos National Laboratory, Environmental Protection & Compliance Division, Compliance Programs Group, Los Alamos, NM

Environmental Protection and Compliance Division	<i>Date: Sept 09 2020</i>	EPC-DO: 20-287
Compliance Programs Group	<i>Symbol:</i>	20-27030
Los Alamos National Laboratory	<i>LAUR:</i>	N/A
PO Box 1663, K490	<i>Locates:</i>	
Los Alamos, New Mexico 87545		
(505) 667-0666		

Ms. Lynette Guevara
Environmental Scientist
New Mexico Environment Department
Surface Water Quality Bureau
P.O. Box 5469
Santa Fe, NM 87502

Subject: Los Alamos National Laboratory (LANL) Response to NMED Request for Comment - 2020-2022 State of New Mexico CWA §303(d) / §305(b) Integrated Report (IR)

Dear Ms. Guevara:

In response to NMED's request for comment on the draft 2020-2022 State of New Mexico CWA §303(d) / §305(b) Integrated Report, Triad National Security (Triad) offers the following comments and updates:

1. Stipulated Agreement - During the last Triennial Review the United States Department of Energy (DOE) and Los Alamos National Laboratory (LANL) agreed to meet and confer with Amigos Bravos and NMED regarding the appropriate level of water quality protections for Segment 128 waters located at LANL. Since that time, and to varying degrees, NMED, DOE, Amigos Bravos and LANL have jointly participated in and completed Hydrology Protocols (HPs) on all Segment128 waters. The application of the HPs will provide documentation of the uses that may be supported by these waters as a result of their flow regime. The process to address Segment 128 waters in the Stipulated Agreement is ongoing.

SWQB RESPONSE: *Thank you for your comment and update.*

2. The 2020-2022 IR includes the addition of approximately 4 miles of new Assessment Units (AU) at LANL. The AUs were identified in 2019 during joint HP assessment work conducted pursuant Stipulated Agreement. The establishment of the new AUs will provide additional measures of protection, including use attainment. It may be inappropriate to designate the water type for the new AUs as intermittent. Segment 128 Waters were established in 2005 as ephemeral/intermittent based on 2002 U.S. Fish

and Wildlife Service Study and 2007 UAA prepared by NMED and approved by EPA. Please note: the new Starmers Gulch (NM-128.A_21) may duplicate Arroyo de la Delfe (NM-128.A_16). Starmers Gulch is part of the existing AU: Pajarito Canyon (Arroyo de la Delfe to Starmers Spring).

SWQB RESPONSE: *The WATER TYPE for Effluent Canyon was changed to STREAM, INTERMITTENT on the Integrated List (the other three new AUs were already noted as intermittent). The WATER TYPE for these waterbodies will be updated, if needed, in subsequent Integrated Lists following rulemaking planned during the 2021 Triennial Review to apply appropriate designated uses to Section 128 waters. The GIS line work errors noted above and associated mileage have been corrected.*

3. Category 4B – NMED has included the Sandia Canyon Assessment Unit NM-9000.A_047 and NM-128.A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration in the 2020-2022 Draft IR. The document was updated and now includes the Sandia Canyon Storm Water Management Plan. The plan includes an extensive monitoring program that will be used to measure compliance with the 4B going forward. The plan was expanded to include the two assessment units (AU) within Sandia Canyon and incorporates dissolved copper, total recoverable aluminum and total mercury as the causes of impairment.

SWQB RESPONSE: *Thank you for your comment and update.*

4. Sandia Canyon Temperature Study and Use Attainability Analysis - In July 2014 LANL initiated a stream temperature study in the upper Sandia Canyon AU (NM-9000.A_047). The study purpose was to determine if natural thermal conditions are preventing the attainment of use in the perennial reach of the Upper Sandia Canyon AU. In accordance with 20.6.4.15, LANL submitted for approval a Use Attainability Analysis (UAA) work plan for this project. The UAA Work Plan provides the framework for preparation of the UAA. NMED approved the Work Plan on April 9, 2020. The plan is based on the examination of several lines of evidence including the evaluation of air and water temperatures. The information derived from the study will be used to prepare the UAA and determine the appropriate designated use for Segment 20.6.4.126 in Sandia Canyon. The UAA is in final development.

SWQB RESPONSE: *Thank you for your comment and update.*

5. NMED has responded to previously submitted comments regarding the use of unstable conditions or storm water flows in metal listings. Where appropriate, NMED has clarified that during unstable conditions metals listing are based on exceedances of acute criteria.

SWQB RESPONSE: *Thank you for your comment.*

6. NMED has assigned specific impairments as 5B to acknowledge the Laboratory's ongoing discussions and research regarding applicable water quality standards.

SWQB RESPONSE: *Thank you for your comment.*

Thank you for the opportunity to update this information. Please contact Robert Gallegos (505) 665-0450 or by email at rgallegos@lanl.gov if you have any questions regarding these comments.

Sincerely,

Mike Saladen, for

Taunia S. Van Valkenburg
Group Leader

TVV/MTS/RMG:jdm

Copy: Shelly Lemon, NMED/SWQB, Shelly.Lemon@state.nm.us
Kris Barrios, NMED/SWQB, Kristopher.Barrios@state.nm.us
Karen E. Armijo, NA-LA, Karen.Armijo@nnsa.doe.gov
Michael W. Hazen, Triad, ALDESHQSS, mhazen@lanl.gov
William R. Mairson, Triad, ALDESHQSS, wrmairson@lanl.gov
Enrique Torres, Triad, EWP, etorres@lanl.gov
Jennifer E. Payne, Triad, EPC-DO, jpayne@lanl.gov
Taunia S. Van Valkenburg, Triad, EPC-CP, tauniav@lanl.gov
Michael T. Saladen, Triad, EPC-CP, saladen@lanl.gov
Terrill W. Lemke, Triad, EPC-CP, tlemke@lanl.gov
Brian Iacona, EPC-CP, biacona@lanl.gov
Robert M. Gallegos, Triad, EPC-CP, rgallegos@lanl.gov
Adesh-records@lanl.gov
epccorrespondence@lanl.gov
epccat@lanl.gov

COMMENT SET 3 – GEI Consultants, Inc., Denver, CO

GEI Consultants, Inc.
4601 DTC Boulevard, Suite 900, Denver, CO 80237
303.662.0100 fax: 303.662.8757
www.geiconsultants.com

September 10, 2020

Lynette Guevara
Surface Water Quality Bureau
New Mexico Environment Department
P.O. BOX 5469
Santa Fe, New Mexico 87502-5469 lynette.guevara@state.nm.us

RE: Comments on the Draft 2020-2022 State of New Mexico Clean Water Act (CWA) §303(d)/§305(b) Integrated List of Assessed Surface Waters (Integrated List)

Dear Ms. Guevara,

On behalf of Chevron Mining, Inc. – Quest Mine (CMI), GEI Consultants Inc. (GEI) has reviewed the draft 2020-2022 State of New Mexico Clean Water Act (CWA) §303(d)/§305(b) Integrated List of Assessed Surface Waters (2020 Assessment) and the Assessment Rationale for the 2020 - 2022 State of New Mexico §303(d)/ §305(b) Integrated List (2020 Rationale). This letter provides comments on the rationale for listing the “Red River from Rio Grande to upstream mine boundary, AU: NM-2119_10” and our recommendations based on available data.

Site Boundary Name

In the 2016 Assessment, the New Mexico Environment Department’s Surface Water Quality Bureau (SWQB) considered, but did not approve, moving the boundary of this Assessment Unit (AU), to a new location at the “Canyon Boundary.” For the 2020 Assessment, the AU break was moved as considered in 2016, but the name of the new location of the break is the “upstream mine boundary.” This terminology clearly delineates the location of the mine with respect to the listings in that reach, but no scientific reasoning was given in the 2020 Rationale for the change in the AU break to the mine boundary. Additionally, without GPS coordinates, it is unclear whether the actual mine boundary is in fact the new break location for the AU. To provide more clarity and an AU break that is based on the hydrology, we propose the location and name of the AU break be changed to “one mile downstream of Hansen Creek” rather than the current naming or the undefined “Canyon Boundary.”

SWQB RESPONSE: *The SWQB agrees that the AU name is ambiguous as proposed. While Hansen Creek is known by those involved with the mine and associated reclamation, it is not named on the 1:24,000 USGS topo nor formally named in the “GNIS” waterbody name field in the NHD High Resolution coverage used to create our AU coverage so would not reduce the*

ambiguity to all potential users of the Integrated List. Upon additional review, the SWQB believes the AU break should be reverted back to Placer Creek because Placer Creek is the water quality standards break point mentioned in both 20.6.4.122 and 20.6.4.123 NMAC. In addition, the Red River terminates at the confluence of the east and middle forks of the Red River. Therefore, the AU names have been changed to:

*NM-2119_10 Red River (Rio Grande to Placer Creek)
 NM-2120.A_710 Red River (Placer Creek to East Fork Red River)*

Turbidity

In the 2020 Rationale, the SWQB reported that “Sonde data recorded exceedences of the maximum turbidity duration thresholds.” Review of the data used for listing revealed the nephelometric turbidity unit (NTU) threshold was exceeded in the timeframe of the sonde’s deployment from July 6 to July 19, 2018 at the SWQB’s station named “Red River below Fish Hatchery near USGS - 28RedRiv005.3.” During this date range, SWQB data indicates that the 3, 4, 5, and 6-day NTU thresholds were exceeded. While it is true that turbidity was elevated during this timeframe, it is important to note that several storms passed through this area during the specified dates. Data collected from the Community Collaborative Rain, Hail & Snow Network (<https://www.cocorahs.org/ViewData/ListDailyPrecipReports.aspx>) shows that 10 of the 13 days that rain monitoring occurred during the SWQB’s specified timeframe received precipitation at Site Questa 4.5 SSW (Station number NM-TS-42), which is located south of the Village of Questa (Table 1). Additionally, USGS flow gauge data (USGS Station #08265000) shows sudden spikes in flow in the Red River (Figure 1), which are likely related to the precipitation events listed in Table 1.

Table 1. Precipitation data for Questa 4.5 SSW Station from July 6 through 21, 2018.

Date	Time	Total Precipitation (inches)
7/6/2018	9:00 AM	0.24
7/7/2018	9:00 AM	0.05
7/8/2018	9:00 AM	Trace
7/11/2018	9:00 AM	0.09
7/12/2018	9:00 AM	Trace
7/13/2018	9:00 AM	0.01
7/15/2018	9:00 AM	0.06
7/16/2018	9:30 AM	0.03
7/17/2018	8:46 AM	0.01
7/18/2018	10:31 AM	0.02
7/19/2018	9:00 AM	0
7/20/2018	9:00 AM	0
7/21/2018	8:20 AM	0

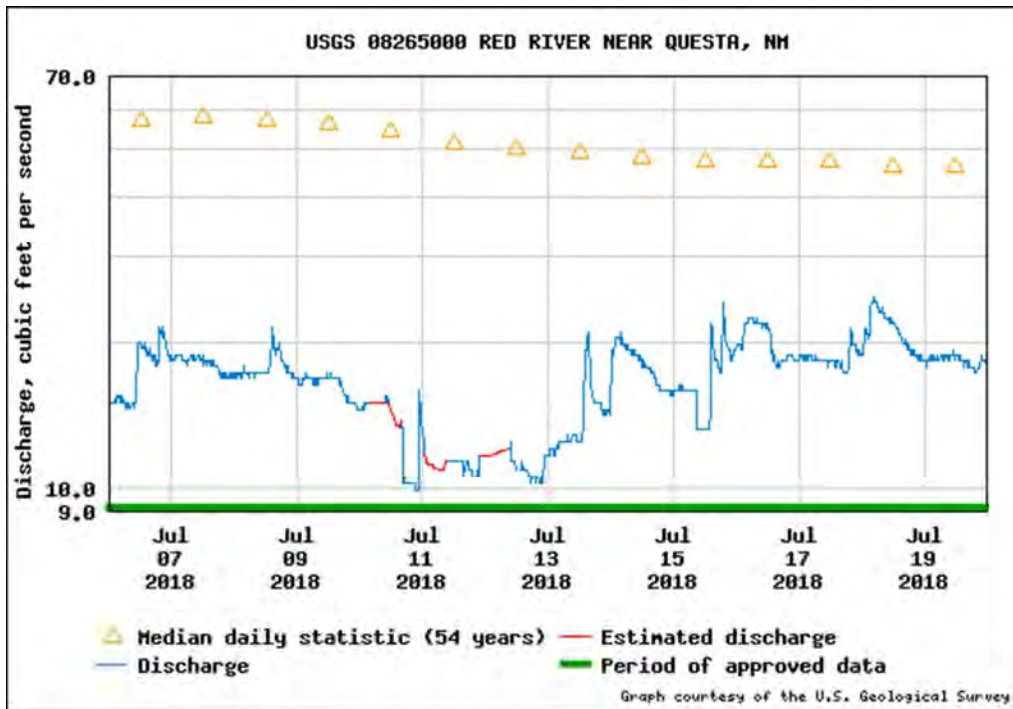


Figure 1. Flow gauge data from USGS 08265000 from July 6 to 19, 2018.

Appendix H of the SWQB’s Comprehensive Assessment and Listing Methodology (CALM), Turbidity Listing Methodology For Coldwater Perennial Streams and Rivers document specifies that “all flood flow samples (i.e., high flow in response to recent precipitation) will be removed from the dataset prior to assessment.” This exception is specifically listed for instantaneous or grab samples, but it is not noted for sonde or long-term data. Despite the absence of a stormflow exception for sonde or long-term data, the underlying rationale for excluding precipitation driven increases in flow, which will result in increased turbidity regardless of how the sample is collected, applies equally to sonde and long-term data. While the turbidity thresholds take this into account to some degree, it is inappropriate to use stormflow data for listing purposes. Therefore, instantaneous or long-term turbidity data collected during or after a storm event should not be used to make listing determinations.

SWQB RESPONSE: *The assessment was re-checked. One short-term elevated spike in turbidity due to a storm event would not result in several turbidity threshold exceedences as was documented in this assessment (see listing methodology Table 1 inserted below¹, with recorded minimum turbidity values per duration). The recorded sonde data indicates several periods of prolonged elevated turbidity at this station versus only instantaneous spikes (see Figure 2 below). Also, the USGS discharge data graphed in Figure 1, above, clearly shows that flow levels were well below the median daily statistic during the period of turbidity exceedence and do not represent high flow conditions. The proposed turbidity listing remains.*

¹ <https://www.env.nm.gov/wp-content/uploads/sites/25/2019/09/FINAL-CALM-APP-H-Turbidity-190903.pdf>

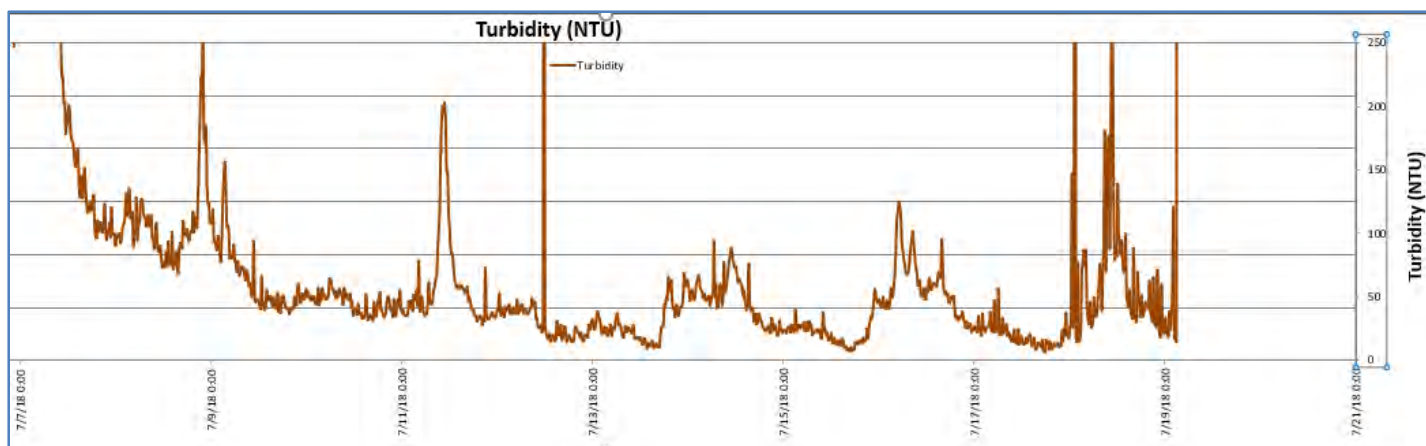


Figure 2. Red River below Hatchery (28RedRiv005.3) sonde turbidity data

Table 1. Turbidity impairment thresholds and durations at which ill effects (SEV = 3.5) are expected to occur in clear water fish, based on Newcombe (2003).

28RedRiv005.3			
Turbidity Threshold (y) (NTUs)	Turbidity Minimum per Duration (* =exceedence of threshold)	Allowable Duration (x) (consecutive hours)	Allowable Duration (consecutive days)
23	40.3*	72	3
20	35.0*	96	4
18	31.1*	120	5
16	17.0*	144	6
15	12.2	168	7
11		336	14
7		720	30

Sedimentation/Siltation

According to Appendix G of the SWQB CALM, Sedimentation/Siltation Listing Methodology for Wadeable, Perennial Streams, sedimentation is assessed according to two different indicators. At Level 1, the Percent Sand and Fines (%SaFN) is assessed, and “If the measured %SaFN is greater than the applicable site class threshold in Table 3, the assessment is inconclusive and a Level 2 sedimentation survey is conducted according to the procedures in SWQB’s SOPs.” For the listing of this AU, the 2020 Rationale indicated that “The percent sand and fines exceeded the Level One sedimentation threshold (Level Two data not collected).” Given that a Level 1 assessment without supporting Level 2 data from the same sampling event is considered “inconclusive,” the proper data were not collected to support this cause for listing, and we recommend removing this listing and further assess the site in the next cycle using the appropriate methodology.

SWQB RESPONSE: *The SWQB agrees that both a Level 1 and Level 2 survey are necessary to complete a sedimentation assessment. The Sedimentation listing methodology will be revised to clarify this requirement. The proposed listing has been removed. Sedimentation has been noted as a parameter of concern for future surveys and the need to complete the sedimentation survey is noted in the Assessment Rationale.*

Total Recoverable Aluminum

According to the 2018 Rationale, the AU was originally listed based on data submitted by Amigos Bravos (AB) that indicated exceedences of the aluminum aquatic life criteria “on all sampling dates (7/21/14, 7/16/15, and 6/9/16) at one or more stations.” Preliminary SWQB data also indicated additional exceedences. In 2020, the 2018 listing was continued “because there was more than one exceedence in a three-year period (2015-2017 data).” CMI disagrees with the current proposal to maintain the listing based on numerous factors.

The hardness method used by AB (Hach Model 5-EP MG/L #1454-01 test kit) is not the correct method for hardness, which may have led to lower hardness concentrations, underestimating the appropriate hardness-based aluminum standard for all AB datasets. The SWQB noted this in their evaluation of the data accepting the incorrect method as it would likely lead to lower than expected hardness and more conservative conditions. However, there are cases where incorrect hardness could have led to an exceedence where it would not have otherwise been. For example, the AB data from June 9, 2016 for site RR2 indicates a hardness of 80 mg/L as CaCO₃ resulting in a chronic standard of 1.01 mg/L with the aluminum at the site of 1.4 mg/L (exceedence). An increase in hardness of only 22 mg/L as CaCO₃ would have raised the standard to 1.41 mg/L and the measured aluminum would no longer be an exceedence of the standard.

SWQB RESPONSE: *As stated in our Data Determination review², Amigos Bravos submitted concurrent total hardness data using the Hach method described above. The listing methodology at Section 3.1.2.1 states that exceedences determined with concurrent total hardness as opposed to dissolved hardness defined in 20.6.4.900(I) NMAC are allowable because higher hardness values result in higher applicable water quality criteria (NMED/SWQB 2019). In other words, the total hardness values in the Amigos Bravos data are higher than the associated dissolved hardness values would be, resulting in higher applicable water quality criteria than if dissolved hardness had been used in the 20.6.4.900(I) equations. If a total recoverable aluminum sample result exceeds a higher water quality criterion calculated using the higher (i.e., total) hardness value, it would also exceed the lower water quality criterion calculated using a lower (i.e., dissolved) hardness value. The SWQB stands by our acceptance of the total hardness data in the Amigos Bravos data set. The SWQB has offered to discuss alternative cost-effective ways for Amigos Bravos to collect concurrent dissolved hardness data equivalent to EPA’s methods going forward.*

² Available at: https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/2020-IR-Outside-Data-QA-Determinations_r1.pdf

An outlier test was conducted for all sites and datasets individually. According to the CALM document, “An outlier is defined as a measurement greater than the 75th percentile (Q3) of the all measurements of a particular parameter at a site, plus three times the inter-quartile range (IQR).” The 75th percentile added to 3 times the interquartile range was 1.45 mg/L for the “above Capulin Creek” site and the exceedence data point from May 18, 2017 was 2.0 mg/L. Therefore, the data should be flagged as an outlier in the SWQB’s dataset and should not be considered an exceedence.

SWQB RESPONSE: *The assessment was re-checked. Note that the assessment method does not prescribe automatic removal of outliers. The intent of outlier detection is to draw attention to the sampling event for further review. Statistical outliers may, in fact, provide important information on watershed processes and may be appropriate to include for assessment. In the case of the total recoverable aluminum results from station 28RedRiv016.2 (Red River abv Capulin Cr.), there are SWQB results from five sampling events in the assessment dataset. Determining outliers from small datasets such as this is difficult to do with confidence; however, the measurement result of 2.0 mg/L on 5/18/2017 is above the outlier test value of 1.45 mg/L and does warrant closer evaluation. Since this sample passed all QA/QC requirements and the result is not an outlier compared to other SWQB sampling results from the Red River on 5/17/2017-5/18/2017 (n=7, Q3+IQR*3=2.45 mg/L) and was collected during stable discharge (USGS 08265000, CV=0.06), the SWQB is retaining the result for assessment.*

With the outlier excluded from the dataset, four of the ten sites in the AU exceeded the criteria based on the combined AB and SWQB datasets from May 19, 2014 through October 11, 2018. However, the data from the previous assessment cycle should not be included in the initial evaluation for the sites in 2020. According to the CALM:

“In general, previously assessed datasets will not be re-assessed and existing assessment conclusions will be carried over onto the new draft list unless there are 1) more recent available data to add to the assessment dataset, or 2) assessment methodology for a specific parameter has significantly changed.”

In this case, the provisional SWQB data supporting the 2018 listing have been finalized and AB provided additional data collected from May 2017 through October 2018. Therefore, each site should be reassessed independently based on the most recent data. The review of the new dataset identified three sites, each with a single exceedence of the chronic criteria (the AB RR2 and RR3 sites, and the SWQB “Molycorp boundary” site).

According to the CALM, attainment is evaluated individually for sites within the same AU, “the assessor will first assess data from each station individually to determine impairment(s).” The listing for toxic substances with four or more samples is based on the following criteria, “For any one pollutant, no more than one exceedence of the acute criterion in three years, and no more than one exceedence of the chronic criterion in three years.” According to the listing requirements, the new data were assessed based on the previous three years of data leading

up to the 2020 listing (May 1, 2016 – May 1, 2019). When evaluating all sites individually, an additional site was added with a single exceedence in this timeframe. A summary of the results of the most recent assessment are summarized in Table 2.

Table 2. Red River sites in the AU with exceedences of the aluminum standard.

Site	Dataset	Number and date of Acute Exceedences	Number and date of Chronic Exceedences
Red River at Molycorp boundary - 28RedRiv024.4	SWQB	0	1 (5/18/17)
RR2; Goat Hill Campground	AB	0	2 (6/9/16, 5/23/17)
RR3; By the bridge @ Hwy 522	AB	1 (6/9/16)	1 (11/13/17)
RR4; Below RR Hatchery	AB	0	1 (6/9/16)

Based on these results, the Red River is not supporting the aquatic life use for the current listing cycle for a single site, “RR2, Goat Hill campground” sampled by AB which exceeded the chronic criteria twice in the three years leading up to the listing cycle. One of the datapoints pushing the site towards impairment is the aforementioned site/sample date where lower hardness is potentially skewing the standard resulting in an exceedence. It is also important to note that the May timeframe with one of the RR2 chronic exceedences and the single exceedence at the Molycorp boundary site (Table 2) were both collected during peak runoff which is not representative of long-term river conditions.

Listing is more complicated when an AU has more than one site. In this case, there are ten sites within the AU. The CALM has wording regarding AUs with multiple sites:

“If conflicts arise and the attainment conclusions for every station in the AU are not in agreement (i.e., either all Fully Supporting or all Not Supporting), the AU as currently defined may not represent homogeneous water quality. In this case, the AU breaks should be examined and may be split appropriately, including special consideration of NPDES point source discharges, non-point source BMPs, and available water quality and GIS data. The data will then be re-assessed based on the newly-defined AUs.”

Given that six of the ten sites in the AU have not had an exceedence in the 2018 or 2020 listing cycles, and the majority of the exceedences were measured by AB who was not taking appropriate hardness measurements, it is clear that listing conclusions are not in agreement from site to site.

SWQB RESPONSE: *This description of the assessment dataset and associated exceedences is not accurate. As stated in the Data Determination for submitted Amigos Bravos (AB) data on page 4 (available at: https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/2020-IR-Outside-Data-QA-Determinations_r1.pdf), only the 6/13/2018 and 9/11/2018 aluminum data were assigned the Data Quality Level of 3 and therefore included in the 2020 assessment data set. All of the 2017 aluminum data, as well as*

the 10/11/2018 aluminum data, were assigned a Data Level of 2 and therefore not usable for assessment.

Using the same format presented above in Table 2, a summary of all of the exceedences that resulted in the continued impairment listing are provided below:

Site	Dataset	Number and date of Acute Exceedences	Number and date of Chronic Exceedences	
28RedRiv000.9	SWQB	0	1 (5/17/17)	
28RedRiv005.9	SWQB	0	1 (5/18/17)	
28RedRiv009.0	SWQB	0	1 (5/18/17)	
28RedRiv014.0	SWQB	0	1 (5/18/17)	
28RedRiv016.2	SWQB	0	1 (5/18/17)	
Red River at Molycorp boundary - 28RedRiv024.4	SWQB	0	1 (5/18/17)	
RR2; Goat Hill Campground	AB	0	1 (6/9/16, 5/23/17)	2017 AB data were rejected for assessment
RR3; By the bridge @ Hwy 522	AB	1 (6/9/16)	2 (6/9/16, 7/16/15, 11/13/17)	2017 AB data were rejected for assessment
RR4; Below RR Hatchery	AB	0	1 (6/9/16)	

Additionally, site RR2; Goat Hill Campground and the other sites with exceedences are likely influenced by groundwater seepage. On this issue, the CALM document reads:

“If available water chemistry data from an existing station appears highly influenced by groundwater from a nearby seep or spring, the data and associated sampling procedures will be reviewed to determine appropriateness for surface water assessment. If the data are from a SWQB sampling station, the station will be relocated when possible to ensure future sampling is representative of the stream water chemistry or the equal-width increment sampling method may be utilized.”

The sampling methodology for the SWQB and AB datasets were grab samples collected from the northern edge of the river in an area where groundwater seepage close to the banks of the river have been well documented. In fact, the Environmental Protection Agency, in coordination with the New Mexico Environment Department and the Energy, Minerals and Natural Resources Department mentioned in their December 6, 2017 review of CMI’s Draft Tailing Facility Performance Monitoring Plan (PMP) that “Seeps and springs and groundwater

upwelling into the Red River can potentially impact the river's quality.” There is a high likelihood that groundwater seepage is causing higher aluminum concentrations, which would not be representative of the AU as a whole. The equal-width increment sampling method would be more appropriate for the areas with seepage influence and would likely result in lower aluminum concentrations than grab samples collected from the edge of the river. Based on these issues with site location and sampling methodology, the sites with exceedences are not suitable sites for sampling and the data recorded at these sites are not representative of water quality throughout the AU. Therefore, data from the timeframe in question should be flagged as potentially being un- representative of conditions throughout the AU, the current listing for the AU should be removed, and the AU should be re-assessed in the next listing cycle.

Additionally, CMI’s Water Treatment Plant came online in July 2017 and began discharging from Outfall 001 under NPDES permit number NM0022306 and has contributed to a change in water quality. The hardness of the discharge has increased the river hardness by approximately 50-100 mg/L as CaCO₃ for the entire AU. This increase in hardness results in more protective conditions for aquatic life in the Red River for any metals that may be present in the reach. Based on the change in water quality, it is appropriate to only evaluate listing since Outfall 001 came online in July 2017, as this is the most representative of current conditions. Since the Outfall came online, only a single exceedence of the chronic aluminum standard was recorded by AB on November 13, 2017.

Finally, Red River data collected by CMI as part of the PMP under CERCLA Remedial Design/Remedial Actions verify the AU should be considered in attainment. Samples at nine sites along the mine site were collected in December 2018, August 2019, and July 2020 (Appendix A; July 2020 data have not yet been validated). All sample events followed the appropriate turbidity measurement and filtration protocol for total aluminum, the equal width sampling method was used, and all sites for both sample events were below the applicable hardness-based aluminum water quality criteria. Further, Red River sampling sites along the tailing facility were also sampled during each of these three sampling events and all samples were below applicable aluminum water quality criteria. All samples were collected under a quality assurance project plan (QAPP) which has been approved by the EPA and is available upon request.

SWQB RESPONSE: *Regarding the data in Table A-1 (below), the 2018 data were not included in the NMED GWQB data submittal and the 2020 data are not yet validated. Inclusion of the 2018 GEI data would not change the assessment conclusion because the listing methodology at Table 3.4 states “...more than one exceedence of the chronic criterion in three years” results in a conclusion of non-support. The SWQB agrees that equal-width increment sampling method is appropriate at surface water quality monitoring stations highly influenced by nearby seeps and springs. However, SWQB monitoring stations were not located at documented spring/seepage locations (for example, Station 28RedRiv016.2 is located upstream of Spring 13). SWQB grab samples were collected according to SWQB SOP 8.2 – Chemical Sampling in Lotic Environments³*

³ <https://www.env.nm.gov/surface-water-quality/sop/>

which states samples must be collected where the stream is flowing and well mixed. The SWQB re-evaluated total recoverable aluminum results from SWQB grab data collected at Stations 28RedRiv014.0 and 28RedRiv016.2 and Chevron equal-width data at Stations RR13, RR14, and RR16 (provided in Table A-1 below) during similar hydrologic periods. The SWQB results from 7/25-26/2017 and 9/20/2017 (0.79-0.93 mg/L) are very similar to the range of Chevron results from 8/20/2019 and 7/22/2020 (0.72-1.2 mg/L) and both datasets followed initiation of discharge from Outfall 001; therefore, there is no reason to suspect SWQB data are biased high. The SWQB notes the downward trend of total recoverable aluminum at certain water quality stations from 2014 to 2020, and upstream to downstream increase in aluminum concentrations in the Red River through the CMI Questa Mine site is also documented. Since water quality appears to be improving based on the most recent available data, the Assessment Rationale has been expanded and the IR Category has been changed to IR Category 5C (indicating the additional data are needed to confirm the listing prior to TMDL development). This assessment unit will be re-assessed for the draft 2022 Integrated List.

Conclusions

In 2020, the Red River AU Rio Grande to the upstream mine boundary is proposed for listing for sedimentation and turbidity and remained listed for total recoverable aluminum. It is our recommendation that the listing for sedimentation be removed due to inconclusive data. We believe the turbidity impairment listing is unwarranted due to the fact that several storms passed through the area during the same timeframe that turbidity was elevated, and we do not agree that data from storm events should be included in listing determinations. We also recommend removing the listing for total recoverable aluminum as all sites were not in agreement that the listing is appropriate, and the water quality has changed. Only the data since Outfall 001 began discharging should be considered for listing.

Please feel free to contact us should you require any additional information.

Sincerely,
GEI Consultants, Inc.

Natalie Love
Laboratory Director

Dan Guth
Reviewer

Appendix A

CMI PMP Total Aluminum data from 2018 – 2020 and map with all site locations.

Table A-1. Total aluminum, dissolved hardness, and the resulting hardness-based aluminum acute and chronic standards.

Site	Sample Date	Aluminum, Tot. (mg/L)	Hardness, Diss. (mg/L)	Acute Std (mg/L)	Chronic Std (mg/L)
RR-7	12/04/2018	1.3	178	7.56	3.03
RR-10	12/04/2018	0.18	394	10.07	4.03
RR-10A1	12/04/2018	0.2	423	10.07	4.03
RR-11A1	12/04/2018	0.17	390	10.07	4.03
RR-11C	12/04/2018	1.1	295	10.07	4.03
RR-12	12/04/2018	1.0	297	10.07	4.03
RR-13	12/04/2018	1.9	290	10.07	4.03
RR-14	12/04/2018	3.0	284	10.07	4.03
RR-16	12/04/2018	2.7	294	10.07	4.03
RR-7	08/20/2019	0.38	120	4.37	1.75
RR-10	08/20/2019	0.37	192	8.34	3.34
RR-10A1	08/20/2019	0.32	175	7.37	2.95
RR-11A1	08/20/2019	0.51	180	7.66	3.07
RR-11C	08/20/2019	0.59	187	8.05	3.22
RR-12	08/20/2019	0.57	187	8.05	3.22
RR-13	08/20/2019	0.73	191	8.29	3.32
RR-14	08/20/2019	0.82	193	8.44	3.38
RR-16	08/20/2019	0.94	191	8.29	3.32
RR-7	7/22/2020*	0.64	124	4.58	1.83
RR-10	7/22/2020*	0.53	235	10.07	4.03
RR-11A1	7/22/2020*	0.61	211	9.51	3.81
RR-11C	7/22/2020*	1.1	212	9.56	3.83
RR-12	7/22/2020*	0.73	212	9.56	3.83
RR-13	7/22/2020*	0.72	212	9.56	3.83
RR-14	7/22/2020*	1.0	212	9.56	3.83
RR-16	7/22/2020*	1.2	209	9.40	3.77

*Data from July 2020 have not been validated yet.



Figure A-1. Map of CMI Red River sampling locations along the mine site.

COMMENT SET 4 – San Juan Water Commission, Farmington, NM

Received: 9/10/20 via email

San Juan Water Commission
7450 East Main Street, Suite B
Farmington, New Mexico 87402
Ph: 505-564-8969 Fax: 505-564-3322
Email: sjwcoffice@sjwc.org

Lynette Guevara
New Mexico Environment Department Surface Water Quality Bureau
P.O. Box 5469
Santa Fe, NM 87502

Re: Comments of San Juan Water Commission on the Surface Water Quality Bureau's
Draft 2020-2022 State of New Mexico Clean Water Act §303(d)/§305(b) Integrated List
of Assessed Surface Waters

Dear Ms. Guevara:

Thank you for publishing, and accepting public comment on, the Surface Water Quality Bureau's ("SWQB") *Draft 2020-2022 State of New Mexico Clean Water Act §303(d)/§305(b) Integrated List of Assessed Surface Waters* (the "*Draft Integrated List*"). Through this letter, I hereby submit the San Juan Water Commission's ("SJWC") comments on the *Draft Integrated List*. SJWC appreciates the opportunity provided by SWQB to comment on the *Draft Integrated List*.

Request for Extension of Public Comment Period

The Preface to the *Draft Integrated List* notes (at i) that the San Juan River watershed was surveyed by SWQB in 2017-2018 and therefore is a "primary focus of revised or retained assessment conclusions in the Integrated List for this 2020-2022 cycle." According to the *Assessment Rationale for the 2020-2022 State of New Mexico §303(d)/§305(b) Integrated List* ("*Assessment Rationale*") (at 266-280), SWQB relied on its sampling during the 2017-2018 San Juan River watershed survey to assess impairment of the water bodies, or assessment units, in the watershed. Unfortunately, although SWQB's 2017-2018 *San Juan River Water Quality Survey Report* (the "*San Juan Survey*") is listed on the SWQB Water Quality Monitoring page of the New Mexico Environment Department ("NMED") website, the *San Juan Survey* is not available to the public, unlike 46 other water quality survey reports linked to that page. The lack of electronic public access to the *San Juan Survey* made it impossible for SJWC to determine whether the *San Juan Survey* and the resulting

impairment listings in the *Draft Integrated List* fully comply with the applicable provisions of the *Procedures for Assessing Water Quality Standards Attainment for the State of New Mexico CWA §303(d)/§305(b) Integrated Report: Comprehensive Assessment and Listing Methodology (CALM)*. For this reason, SJWC requests that SWQB provide a link to the *San Juan Survey* on the NMED website, accept public comment on the *Draft Integrated List* for an additional 30 days after notification that the *San Juan Survey* is available, and delay presenting the *Draft Integrated List* to the New Mexico Water Quality Control Commission for review and approval until after the extended public comment period closes.

SWQB RESPONSE: *The SWQB does not believe a request for extension of the 45-day public comment period is warranted as requested on the last day of the public comment period. The SWQB apologizes for the delay in posting the SJR Watershed Survey Summary Report -- it is now posted at <https://www.env.nm.gov/surface-water-quality/water-quality-monitoring/>. Published survey summary reports for surveys completed in 2011 forward do not contain specific water quality data, complete assessment datasets, or assessment conclusions by design. Survey reports are intended to summarize where and what data types were collected by our monitoring team as an update to the original Field Sampling Plan for a particular watershed survey, and to evaluate what data needs may still exist in that watershed. The SWQB changed to this format in 2014 to provide clarity that official assessment conclusions reside in the CWA 303(d)/305(b) Integrated List and not the survey reports. In addition, assessment conclusions often utilize water quality data from more than SWQB monitoring efforts. For example, non SWQB-collected data are often incorporated into final assessment datasets, as was the case for the San Juan River Watershed this listing cycle. SWQB-collected data are always available upon request, and are regularly requested by stakeholders and interested parties via direct email requests followed up by a public records request for tracking purposes (<https://www.env.nm.gov/public-record-request/>). The majority of SWQB watershed survey chemical/physical sampling results can also be downloaded directly from the Water Quality Portal: <https://www.waterqualitydata.us/>.*

General Comment

For the following assessment units in the San Juan River watershed, the *Assessment Rationale* states the unit was sampled during the "2017-2018 URG survey":

- San Juan River (Animas River to Canon Largo)
- San Juan River (Canon Largo to Navajo Reservoir)
- San Juan River (NM reach upstream of Navajo Reservoir)
- San Juan River (Navajo bnd at Hogback to Animas River)

This language should be modified to indicate that these assessment units were sampled during the 2017-2018 San Juan River watershed survey.

SWQB RESPONSE: *Thank you for catching this data entry error. The language in the Assessment Rationale has been revised to "...2017-2018 San Juan River watershed survey."*

Specific Comments

1. Gallegos Canyon (San Juan River to Navajo Nation Boundary)

E. coli has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper.

It is unclear whether temperature has been added as a cause of impairment for this assessment unit. Although temperature is not identified as a cause of impairment in the *Draft Integrated List*, the *Assessment Rationale* states {at 266) that "[t]hermograph data documented temperature impairment ... [and] [t]herefore, temperature ... [was] added" Assuming SWQB intends to include the temperature listing, SJWC cannot determine whether the thermograph data is valid and SWQB followed its assessment methodology for temperature (*CALM* Appendix B) until the *San Juan Survey* is available.

SWQB RESPONSE: *As noted in the first section of this Response to Comments regarding minor edits upon further SWQB staff review, the newly identified temperature impairment for Gallegos Canyon was inadvertently not added to the assessment database used to generate the draft Integrated List and subsequent New Impairments review spreadsheet although it was noted in the associated Assessment Rationale. It has been added. See above Response regarding the San Juan survey summary report.*

2. Los Pinos River (Navajo Reservoir to Colorado Border)

Temperature has been added as a cause of impairment for this assessment unit. The *Assessment Rationale* states (at 266) that "[t]hermograph data documented temperature impairment." Until the *San Juan Survey* is available, SJWC is unable to determine whether the thermograph data is valid and SWQB followed its assessment methodology for temperature (*CALM* Appendix 8).

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report.*

3. Navajo River (Jicarilla Apache Nation to Colorado Border)

E. coli has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper.

Total phosphorus has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report.*

Turbidity also has been added as a cause of impairment for this assessment unit. The *Assessment Rationale* states (at 267) that "(e)xceedences include ... 9/10 turbidity grab screening (need LTD to confirm)." Until the *San Juan Survey* is available, and SWQB clarifies its comment concerning "LTD" confirmation, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper.

SWQB RESPONSE: *The proposed turbidity listing is noted as IR category 5C. The Assessment Rationale has been expanded to state that a long-term data set from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies. See above Response regarding the San Juan survey summary report.*

Finally, in 2012, SWQB noted that "[f]isheries data indicate coolwater would be a more appropriate ALU-WQS review needed." SWQB reaffirms this position in the *Draft Integrated List* (at 267): "Fisheries data indicate coolwater may be a more appropriate ALU-WQS review needed." For at least eight years, SWQB has questioned the appropriateness of the current coldwater aquatic life designated use. SWQB should conduct the suggested water quality standard review in advance of the next Triennial Review to settle this issue.

SWQB RESPONSE: *Your suggestion is noted. A draft use attainability analysis (UAA) is in development; however, due to limited staff resources, this draft UAA will not be included in the 2020 Triennial Review because various and often complex statutory mandates take priority for triennial reviews. That said, this draft UAA is prioritized for completion following the 2020 Triennial Review since UAAs can be, and often are, independent rulemakings. The temperature impairment listing is the only impairment determination that would potentially be impacted by a revision to coolwater aquatic life use. Accordingly, this listing is noted as IR Category 5B, meaning a water quality standards review is suggested prior to scheduling TMDL development.*

4. San Juan River (New Mexico Reach Upstream of Navajo Reservoir)

E. coli has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination

is proper.

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report.*

Chronic Aluminum Total Recoverable also has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper. The *Assessment Rationale* states (at 270) only that "[e]xceedences include 2/5 *E. coli* and chronic ALU TR aluminum." This statement does not provide enough information to determine whether SWQB followed the CALM requirements (at 21-26 of 43) for assessing support of the warm-water aquatic life designated use, including hardness analysis and filtering (depending on turbidity measurement).

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report. The Assessment Rationale (formerly referred to as the "ROD") for the Integrated List is a non-required text document intended to provide EPA and stakeholders with additional information regarding impairment listings. The assessment was re-checked. The current listing methodology (NMED/SWQB 2019) was followed, including requirements for concurrent hardness and filtering depending on concurrent turbidity measurements. The SWQB is not required to provide all data and assessment spreadsheets as part of the public notice and has not done so in the past; there are a substantial number of individual files associated with each assessed watershed or region making this impractical. However, the SWQB fulfills all requests by stakeholders and the public to review and inspect public records and data, as a general practice and as required by the Inspection of Public Records Act.*

SJWC notes that this assessment unit is only 0.56 miles long and terminates at the Colorado border. It therefore is likely that the *E. coli* and aluminum impairments (if proper) are caused by source contributions upstream of the border with Colorado. SJWC requests that SWQB work with its counterpart in Colorado to ensure that point sources in Colorado (if any) do not contribute to *E. coli* or aluminum impairments at the border. In addition, the planned 2021 TMDL process should take Colorado pollutant loading into account.

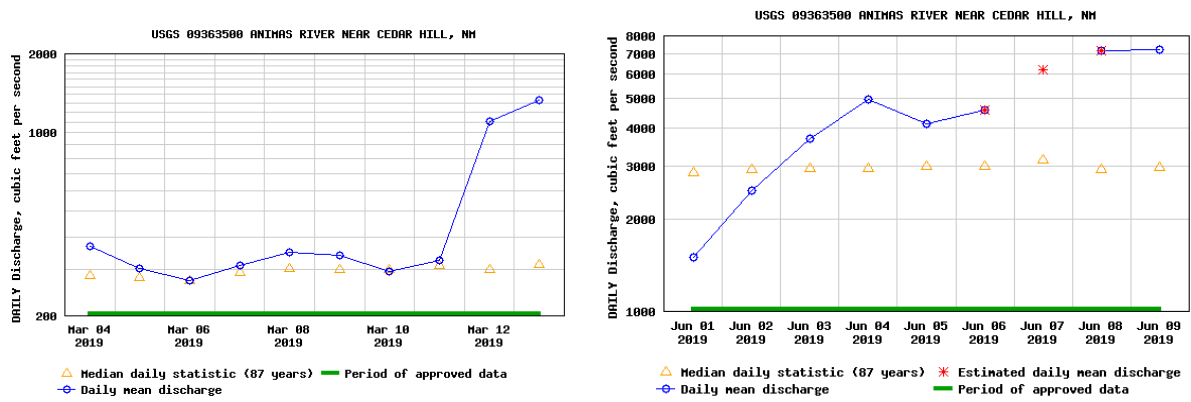
SWQB RESPONSE: *Communication with TMDL counterparts in Colorado and consideration of upstream contributions are always taken into consideration during TMDL development.*

5. Animas River (Estes Arroyo to Southern Ute Indian Tribe Boundary)

Lead was added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper. The *Assessment Rationale* states (at 272) that "[t]here were 2/24 dissolved lead chronic ALU at the station abv Estes Arroyo (both exceedances were in EPA's 2019 spring runoff dataset)."

As noted in Table 3.4 of the CALM (at 22 of 43), samples taken to assess chronic aquatic life criteria for metals "should be taken during hydrologically stable conditions to be representative of the averaging period . . ." The *Assessment Rationale* provides no indication that the EPA "spring runoff" samples were taken during "stable conditions."

SWQB RESPONSE: *The assessment was re-checked. The flow was above the median during both the 3/9/2019 and 6/5/2019 sampling events (see below). The procedure for determining stable flow conditions is provided in NM's listing methodology (section 3.1.2.2): "When exceedences occur at or near a continuous flow gaging station and mean daily flow data are available, a stream may be considered hydrologically stable if the [coefficient of variation] CV of the mean daily flow for a 4-day period surrounding the sampling collection is at or below 0.2. The CV is determined by dividing the standard deviation of the values by the mean of the values" and "The 4-day window that produces the lowest CV should be determined instead of always using a predetermined number of days before or after the sampling event." The lowest CV for daily discharge (i.e., flow) for the 4-day window surrounding the March sampling event (3/8-3/11/2019) was 0.06. The lowest CV for daily discharge (i.e., flow) for the 4-day window surrounding the June sampling event (6/3-6/6/2019) was 0.11. Therefore, both sample results were collected during stable conditions as defined in the listing methodology. The proposed dissolved lead listing is retained.*



"Nutrients" also were added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper. The *Assessment Rationale* states (at 272) simply that "[t]otal nitrogen and delta DO thresholds were exceeded." This statement provides no information whatsoever to confirm that SWQB's review complied with the *Nutrient Listing Methodology for Perennial Streams and Rivers*, which is Appendix C to the CALM.

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report. The Assessment Rationale (formerly referred to as the "ROD") for the Integrated List is a non-required text document intended to provide EPA and stakeholders with additional information regarding impairment listings. The assessment was re-checked. The current listing*

methodology (NMED/SWQB 2019) was followed. The median total nitrogen levels were 0.32 mg/L and 0.37 mg/L at stations 0.5 miles downstream of the state line and upstream of Estes Arroyo, respectively (exceedence threshold is 0.30 mg/L). The measured delta DO was 7.51 mg/L (exceedence threshold is 1.79). The proposed nutrient listing is retained.

6. Shumway Arroyo (San Juan River to Ute Mountain Ute Boundary)

E. coli has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper.

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report.*

7. Stevens Arroyo (Perennial Parts San Juan River to Headwaters)

E. coli has been added as a cause of impairment for this assessment unit. Until the *San Juan Survey* is available, SJWC is unable to determine whether the water sampling and analysis procedures were appropriate, and the resulting impairment determination is proper.

SWQB RESPONSE: *See above Response regarding the San Juan survey summary report.*

Thank you for your consideration of these comments. If you have any questions, or if you would like to discuss these issues in more detail, please do not hesitate to call me. We look forward to receiving your response to these comments-particularly our requests for public access to the *San Juan Survey* and an extension of the public comment period.

Sincerely,

Aaron Chavez
Executive Director
San Juan Water Commission

COMMENT SET 5 – Middle Rio Grande Technical Advisory Group (TAG)

September 10, 2020

Lynette Guevara

CWA 303(d)/305(b) Assessment Coordinator NM Environment Department
Surface Water Quality Bureau 1190 St. Francis Drive, N2102 Santa Fe, NM 87505

Re: Comments for 2020-2022 New Mexico Environment Department (NMED) Surface Water Quality Bureau (SWQB) draft 303(d)/ 303(b) Integrated Report

Ms. Guevara,

This correspondence serves as written documentation that the members copied below of the Middle Rio Grande Technical Advisory Group (TAG), consisting of Municipal Separate Storm Sewer System (MS4) permittees covered under the EPA Region 6 Middle Rio Grande NPDES Watershed Based Permit No. NMR04A000, have submitted comments concerning the 2020-2022 NMED SWQB draft 303(d)/ 303(b) Integrated Report (Integrated Report) released for 45-day public comment on July 27, 2020. Members of the TAG include: the City of Albuquerque, Albuquerque Metropolitan Arroyo Flood Control Authority, New Mexico Department of Transportation, University of New Mexico, Bernalillo County, Southern Sandoval Arroyo Flood Control Authority, City of Rio Rancho, Sandoval County, Village of Los Ranchos, Village of Corrales, Town of Bernalillo, Kirtland Air Force Base, Sandia National Laboratories, and Eastern Sandoval Arroyo Flood Control Authority. All members were provided these comments for review.

All relevant and available water quality data should be used to determine impairment status for the 2020- 2022 Integrated Report. A mass-email was sent by the SWQB on June 26, 2019 requesting chemical, physical, biological, and bacteriological data for all surface waters of the state of New Mexico for comparison to water quality standards published in 20.6.4 NMAC. A request for data embedded in an email newsletter is not, by itself, an adequate method of seeking relevant and available data. During preparation of the 303 (d) list, NMED should make every effort to solicit water quality data from local, state, federal, public, and private entities for consideration.

The 2020-2022 Integrated Report lists a new impairment for Mercury- fish consumption for assessment units (AUs) Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo), Rio Grande (Tijeras Arroyo to Alameda Bridge), and Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge). The NMED 2020 Fish Consumption Advisory Table for Rio Grande (I-25 to US 550) lists Channel Catfish as “no advisory” but has PCBs and Mercury in the contaminants column. The table also lists two (2) detections for white bass with PCBs and Mercury in the contaminants column. The Integrated Report references the New Mexico Game and Fish (NMGF) consumption advisories http://www.wildlife.state.nm.us/download/fishing/advisories/Fishing-Catch-Release-Eat-2020_21-NMDGF.pdf). When reviewing the NMGF advisory, only PCBs are

listed as the contaminant of concern for this same section of the Rio Grande. Additional information about the source of the mercury impairment data could not be found on the New Mexico Department of Health website (<https://nmtracking.org/environment/Biomonitoring.html>) or the EPA Fish Tissue Data Collected by States (NLFA) website (<https://fishadvisoryonline.epa.gov/FishTissue.aspx>). The most recent data that could be found for mercury in fish tissue in this section of the Rio Grande on the NLFA website (https://fishadvisoryonline.epa.gov/FishTissueDetails.aspx?STATION_ID=NM-3) is from 2008. Please clarify the source of data for the mercury impairment.

SWQB RESPONSE: *Thank you for pointing out this inconsistency between the NMED and NM Department of Game and Fish web information regarding fish consumption. The current listing methodology, Section 3.1.4 Fish consumption advisories, states "...current fish consumption advisory, as well as additional information on how New Mexico develops these advisories, can be found at: <https://www.env.nm.gov/surface-water-quality/fish-consumption-advisories/>" (NMED/SWQB 2019). The most recent advisory table on this website, in this case the [2020 New Mexico Fish Consumption advisory table](#), is used to determine impairments and states there are fish consumption advisories for the Rio Grande (I-25 to US 550) for White Bass for both PCBs and Mercury. The SWQB updated the advisory in March 2020 after the NM Department of Game and Fish 2020 proclamation had been issued. The SWQB's fish consumption advisory coordinator will ensure that future updates to the New Mexico Fish Consumption advisory table are incorporated into the NM Department of Game and Fish proclamation in advance of annual publication. The Fish Consumption Advisory mercury impairment is based on 2008 sampling results. The 2008 sampling resulted in advisory limits for both PCBs and mercury. However, since the PCB results resulted in a more stringent advisory, PCBs were listed as the cause of the advisory and impairment. The SWQB updated the 2020 Fish Consumption Advisory to list all parameters in the advisory that result in an advisory limit of 4 meals per month or less. This change was made for transparency and to provide information to the public on all causes of advisory limits, not just the most stringent. When "No Advisory" is listed for a species, the CONTAMINANT column in the fish consumption advisory table represents monitored parameters.*

An impairment for *E. coli* has been relisted for the Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo), Rio Grande (Tijeras Arroyo to Alameda Bridge), Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge) and Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div) AUs. The reason stated in the assessment rationale document (https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/DRAFT-2020-IR-CWA-303d_305b-Assessment-Rationale.pdf) for the impairment is, "*E. coli* data were collected from July 2017 through May 2018 as part of a Ciudad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande.... exceedances of the applicable single sample *E. coli* criterion were documented... Therefore, *E. coli* was relisted as a cause of impairment." Is a single exceedance an appropriate criterion? Would the single exceedance apply for 2 data points as well as 50 data points? Clarify the criteria for listing an impairment.

SWQB RESPONSE: *The assessments were re-checked. The original listings, relisting, and continued listing for E. coli in the Middle Rio Grande were not based on single exceedence of the applicable single sample criterion. The listing methodology with respect to E. coli is detailed in the listing methodology at Section 3.3 (NMED/SWQB 2019):*

Table 3.9 Interpreting bacteriological data to assess Contact Use Support

TYPE OF DATA*	FULLY SUPPORTING	NOT SUPPORTING	NOTES
<p>•Bacteria</p> <p>A) 4 to 10 samples</p> <p>B) > 10 samples</p>	<p>A) No more than one exceedence of the single sample criterion.</p> <p>B) Single sample criterion is exceeded in <10% of samples or geometric mean criterion is met.</p>	<p>A) More than one exceedence of the single sample criterion.</p> <p>B) Single sample criterion exceeded in ≥ 10% of measurements or geometric mean criterion is not met.</p>	<p>The monthly geometric mean shall be used in assessing attainment of criteria when a minimum of five samples is collected in a 30-day period (20.6.4.14.B NMAC).</p>

NOTES: * Less than 4 samples = not assessed. See Section 2.1.4 for details. Also, SWQB bacteria results that are marked “Ea” due to incubation temperatures between 35.5 and 38 degrees Celsius will not be used to make assessment conclusions.

Three Middle Rio Grande AUs were re-listed based on the submitted and accepted Ciudad SWCD dataset based on the exceedence ratios detailed in the associated Assessment Rationale:

- *Rio Grande (Tijeras Arroyo to Alameda Bridge)*
- *Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)*
- *Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div)*

AU Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo) was not relisted; rather the Ciudad SWCD data confirmed the listing. The Middle Rio Grande Technical Advisory Group (MRG TAG) data submitted as part of this comment set further confirms this listing (see <https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/2020-IR-Outside-Data-QA-Determinations.pdf> for data and associated determination).

Urbanized areas, such as the Albuquerque Metro area, generally have increased pollutant loads in surface waters and frequently have multiple entities/groups that collect additional water quality data to assess the impacts of the increased pollutant loads. NMED has not included all the E.Coli data available for the Middle Rio Grande. As this is the most developed and heavily populated urbanized area in New Mexico, potentially having a disproportionate impact to water quality in the Rio Grande, NMED should make a concerted effort to seek out additional data sets from both internal and external sources.

Substantial *E. coli* data (as well as other constituents such as PCBs) has been collected by many

of the permittees under the NPDES Watershed Based Permit No. NMR04A000. This data includes Compliance Monitoring Cooperative (CMC) permit-related in-stream sampling data, AMAFCA stormwater sampling data, and City of Albuquerque Microbial Source Tracking (MST) studies.

The above-referenced data was collected under project-specific Quality Assurance Protection Plans (QAPPs). This data should be reviewed and included in the evaluation of impairments for the 2020-2022 Integrated Report. These data sets will be submitted to NMED for evaluation and inclusion in this report.

SWQB RESPONSE: *The SWQB makes a concerted effort within allowable staff resources every listing cycle, as well as between listing cycles, to seek out additional data sets, and regularly works with stakeholders regarding data quality needs and the data submittal processes. Outside sources of data that meet required data quality levels are regularly incorporated into assessments.*

Three MRG TAG members and SWQB staff communicated via an August 7th Zoom call and related email exchanges regarding surface water data, supporting quality assurance documentation, and the data submittal and review process for the Integrated Report (IR). The SWQB suggested to Mr. Chavez that he submit instream surface water data to the SWQB in the Data Template format (i.e., Microsoft Excel) located on the SWQB data submittal webpage (<https://www.env.nm.gov/surface-water-quality/data-submittals/>) along with supporting documentation needed for a Data Quality Level (DQL) determination for consideration in development of the IR. The formatted data in the Data Template would provide the metadata (e.g., sample location, method of analysis, and method detection limits) needed for DQL review and ensure submitted data was accessible in a centralized location. Surface water quality data were not submitted in the requested format. Instead, as part of this comment set, a webpage link to a file repository was provided that included Compliance Monitoring Cooperative (CMC) data in a file titled CMC Water Quality Monitoring Results Database 06_26_2019.xlsx, several Hall Environmental Analysis Laboratory (HEAL) reports in PDF format, and other supporting documentation (e.g., QAPPs and FSPs) in PDF format. The CMC Water Quality Monitoring Results Database (CMC DMR) file contained surface water results but did not include all necessary supporting metadata (e.g., method of analysis or method detection limits) contained in the recommended Data Template to make a DQL determination.

Through the thorough and extensive investigation of laboratory reports by the SWQB Quality Assurance Officer (QAO), the method of analysis, detection limit, and other supporting information necessary to make a DQL determination for E. coli results were identified. E. coli results contained in the CMC DMR file, as well as in submitted PDF laboratory reports, were then reformatted and collated by the Assessment Coordinator and QAO into the assessment Data Template for review and consideration in the development of the IR. The collated file is titled MGR TAG Submitted E Coli data assessment.xlsx, and is Appendix A in the associated Data Determination Letter (available at: <https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/2020-IR-Outside-Data-QA-Determinations.pdf>).

The QAO reviewed the data in the MRG TAG Submitted E. Coli data assessment.xlsx file, its supporting documentation, and related email correspondence with MRG TAG personnel, and made a DQL determination. The 2019 Water Quality Data Submittal Guidance was used in combination with all relevant SWQB Quality Assurance requirements, namely the 2018 SWQB Quality Assurance Project Plan for Water Quality Management Programs (SWQB QAPP) and associated SWQB Standard Operating Procedures (SOPs) to assess the quality of the data and to determine its suitability for inclusion into the development of the IR.

Specifically, the submitted documentation associated with the dataset was reviewed to determine: (1) if there was documentation of QA/QC procedures that, at a minimum, meet the QA/QC requirements described in the SWQB's most recent QAPP; and (2) if there was reasonable evidence or assurance that these procedures were followed. The full Data Determination Letter was emailed to you on 9/28/2020, and is available at <https://www.env.nm.gov/surface-water-quality/wp-content/uploads/sites/25/2018/03/2020-IR-Outside-Data-QA-Determinations.pdf>

The focus of this data determination is limited to the submitted E. coli data due to the timing of this data submittal and the extensive amount of time required to review the data in the submitted format. Although some of these submitted data also reside in NetDMR, the needed metadata and supporting information necessary to perform a DQL determination with respect to assessment are not available in NetDMR so the SWQB could not have utilized a NetDMR or ECHO download as a complete source of the assessment data and supporting information necessary to make a DQL determination with respect to the assessment process.

The instream surface water samples collected by the CMC and the corresponding results are valuable to the State of New Mexico for restoring and maintaining the chemical, physical and biological integrity of surface water(s) of the State. The SWQB plans to continue conversations with the MRG TAG regarding the value of the dataset and potential use in upcoming IRs through continued discussion, as well as through invitation to a Data Sharing Network workshop, hosted by the SWQB in early 2021. Additionally, the SWQB recommends that the CMC expand the CMC DMR file to collate all available instream water quality data and incorporate the recommended Data Template format for future IR submittals. The SWQB has also made a request to the EPA Office of Water to explore expanding the NetDMR database in order to house the additional metadata necessary to make data determinations with respect to IR development. EPA responded to this request – this email was forwarded to you on 9/28/20.

If you have any questions, please contact:

Dave Gatterman, PE
Facility Operations Director, SSCAFCA
dgatterman@sscafca.org
(505) 892-7246

Kali Bronson
Stormwater Quality Compliance Manger, Bernalillo County
kbronson@bernco.gov
(505) 848-1544

Patrick Chavez, P.E.
Stormwater Quality Engineer, AMAFCA
pchavez@amafca.org
(505) 884-2215

The MRG TAG thanks you for your time and consideration of these comments.

Sincerely,

Dave Gatterman, PE
Facilities Operations Director
SSCAFCA

Kali Bronson
Stormwater Quality Compliance Manger
Bernalillo County

Patrick Chavez, P.E.
Stormwater Quality Engineer
AMAFCA

Kathy Verhage, P.E.
Stormwater Management Section
City of Albuquerque

Keith Thompson, P.E.
District 3 Engineering Support
New Mexico Department of Transportation

Casey B. Hall
Interim Director, Environmental Health and Safety
University of New Mexico

Larry Blair, P.E.
Executive Engineer
Eastern Sandoval County Flood Control Authority

Laurie Stout
Village of Corrales

Tiffany Justice
Village of Los Ranchos

Cc:
Rebecca Roose
Water Protection Division Director
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502
(505) 827-1758
rebecca.roose@state.nm.us

Shelly Lemon
Surface Water Quality Bureau Chief
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502
(505) 827-0187
shelly.lemon@state.nm.us

Sarah Holcomb
Program Manager, Point Source Regulation Section
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502
(505) 827-0187
sarah.holcomb@state.nm.us

Jennifer Foote
Point Source Regulation Section
New Mexico Environment Department
P.O. Box 5469
Santa Fe, NM 87502 (505) 827-0187
jennifer.foote@state.nm.us

Steve Glass Chair
Ciudad Soil & Water Conservation District Board of Supervisors
100 Sun Avenue, Suite 160
Albuquerque, NM 87109
jstvglass@gmail.com

COMMENT SET 6 – Buckman Direct Diversion Board

September 10, 2020

Dear Ms. Guevara:

The Buckman Direct Diversion Board (the Board) is the governing body for the Buckman Direct Diversion, a single diversion point on the Rio Grande that the City of Santa Fe, Santa Fe County, and their limited partner, Las Campanas, share to divert their San Juan-Chama and native Rio Grande water rights. Diverted water is treated and introduced into the regional water system. The government entities are represented on the Board.

The Buckman Direct Diversion is on the Rio Grande, approximately 3 miles downstream of Otowi Bridge. The draft 2020-2022 State of New Mexico Clean Water Act (CWA) §303(d)/305(b) Integrated List of Assessed Surface Waters (Integrated List) includes assessment of the segment of the Rio Grande within which the BDD intake structure is located, and stream segments draining the Pajarito Plateau where Los Alamos National Laboratory (LANL) is located. Many of these waters flow to Los Alamos Canyon, and enter the Rio Grande at their confluence approximately three miles upstream of the BDD intake structure. The Board is therefore understandably concerned about water quality in the Rio Grande and in Los Alamos Canyon and its tributaries. The Board provides the following comments.

Segment 114 Rio Grande (Cochiti Reservoir to San Ildefonso boundary)

In the “AU_COMMENT” field of the List of Impaired Waters (List), NMED notes that “[t]he city of Santa Fe has procedures in place that do not allow public water supply withdrawal from the Buckman Diversion during significant storm events.” The Board notes that the City of Santa Fe, Santa Fe County, and their limited partner, Las Campanas, share the Buckman Direct Diversion to divert their share of San Juan Chama and native Rio Grande water rights. The BDD Board was created by the City of Santa Fe and Santa Fe County via a “Joint Powers Agreement” (JPA) in 2005 to oversee implementation, construction, and operation of the BDD. The City, County, and their limited partner, Las Campanas, developed a “Facility Operating and Procedure Agreement” (FOPA) that governs how the BDD is operated. This agreement is overseen by the BDD Board. Any procedures to allow or not allow withdrawal from the Rio Grande are under the purview of and approved by the Board.

SWQB RESPONSE: *Thank you for the clarification. The AU Comment has been revised to read as follows “Procedures are in place, under the purview of the Buckman Direct Diversion Board, that are intended to not allow public water supply withdrawal from the Buckman Diversion*

during significant storm events.”

Segment 128 Waters

Many stream segments on the Pajarito Plateau outside of lands managed by the U.S. Department of Energy (USDOE) within LANL are listed as impaired, with NMED noting in the “AU_COMMENT” field that application of the Hydrology Protocol resulted in a classification of the segment as ephemeral, intermittent, or perennial. However, for Segment 128 waters, the Board is concerned that the parties to the Joint Stipulation Regarding Proposed Changes to 20.6.4.128 NMAC (i.e., NMED, LANL, the USDOE, and Amigos Bravos) have not fully implemented the Stipulation by applying the Hydrology Protocol to all waters on the Plateau. This could result in perennial waters receiving the lesser protections of ephemeral streams, and therefore not being assessed as impaired when in fact they are. The Board also notes that for Segment 128 waters listed as impaired none are as yet subject to TMDLs, a necessary first step to improving water quality, despite being listed as impaired for, in some cases, over ten years. We ask that NMED update the Board on the progress the parties to the Stipulation have made, and how implementation of the Stipulation has affected the List of Impaired Waters, and how full implementation could affect specific segments.

SWQB RESPONSE: *The SWQB appreciates your concern and NMED counsel will contact the Board’s counsel to schedule a meeting to provide the requested updates.*

General Procedural Comments

The Board recognizes that the Integrated Report is not the vehicle by which to comment on changes to State Water Quality Standards (State Standards). The Board is nevertheless concerned that NMED is developing the Integrated List at the same time it is engaging in its Triennial Review of State Standards. Through its Stakeholder Discussions in July 2020, NMED has informed the Board that it is currently preparing amendments to State Standards, and that draft amendments will be put out for public comment in November of this year. As the List of Impaired Waters contained in the Integrated Report is intended to inform changes to State Standards, NMED does not have the benefit of transparently using the most current assessments in its amendments to be proposed to the Water Quality Control Commission (Commission). We ask NMED to consider allowing the Integrated Report process to proceed to its completion before NMED proposes amendments to State Standards to the Commission.

SWQB RESPONSE: *The Clean Water Act requires that states conduct a comprehensive review of water quality standards at least once every three years through the triennial review process. In addition, the Clean Water Act requires states to update and resubmit their impaired waters list every two years. This just happens to be a year in which these two mandates coincide. Assessments do not form the basis of proposed amendments to 20.6.4 NMAC. Rather, field*

observations and best professional judgement from monitoring and assessment staff regarding the potential need for a water quality standards review are noted in the Integrated List and passed on to the SWQB Standards, Planning, and Reporting Team on a regular basis. Many standards changes resulting from this inter-bureau communication are approved outside of the triennial review process in independent rulemakings. For example, the SWQB proposed four amendments to the water quality standards (20.6.4 NMAC) since the last triennial review. In addition, the SWQB reassesses waterbodies of concern when applicable water quality standards are amended and approved by EPA.

The Buckman Direct Diversion plays a unique role by deriving drinking water from the Rio Grande downstream of LANL and delivering it safely and effectively to its regional customers. We appreciate that NMED recognizes this fact and has worked over the years to provide special provisions and assessments for stream segments from the Pajarito Plateau and the Rio Grande at the BDD intake in State Standards.

SWQB RESPONSE: *Thank you for your comment.*

We appreciate the opportunity to provide these comments and look forward to your response.

Sincerely,

Kyle Harwood
Buckman Direct Diversion Board Counsel

SWQB REFERENCES

New Mexico Environment Department/Surface Water Quality Bureau (NMED/SWQB). 2019. Procedures for Assessing Standards Attainment for the State of New Mexico CWA §303(d)/§305(b) Integrated Report: Comprehensive Assessment and Listing Methodology (CALM). Santa Fe, NM. Available at: <https://www.env.nm.gov/surface-water-quality/calm/>.