Integrated Water Quality Monitoring and Assessment Report 2016

Prepared Pursuant to Section 303(d) and Section 305(b) of the Clean Water Act

COLORADO
Water Quality Control Division
Department of Public Health & Environment

Photos in this report are a compilation of stock photos and photos taken by Water Quality Control Division staff during their work on sites in the field.

Executive Summary

Cascade Lake, Maroon Bells-Snowmass Wilderness

Executive Summary

The Colorado 2016 Integrated Water Quality Monitoring and Assessment Report summarizes water quality conditions in the State of Colorado. This report fulfills CWA Section 305(b) which requires all states to assess and report on the quality of waters within their state. This report fulfills Colorado's obligation under the CWA, and covers the 2012-2015 four-year period.

This report provides Colorado's assessments of water quality that were conducted during the past five years. Specifically, it compares water quality of surface waters within Colorado to the corresponding standards in order to assess the degree to which waters are in attainment of those standards. The Integrated Report provides the attainment status of all surface waters according to the five reporting categories, defined in detail within. This report also includes a description of groundwater quality activity and links to agencies involved with groundwater monitoring.

The last full comprehensive report for Colorado was written in 2010. The 2012 submittal was an updated version of the 2010 report. Colorado had to defer the 2014 report due to resource constraints. This 2016 report covers both the 2014 and 2016 reporting cycles.

2016 Report Highlights

- Colorado has developed a new database for tracking Integrated Report data. The database will result in increased accuracy in reported sizes of waterbody segments.
- Expanded section on Point Source Control programs with a detailed description of Colorado's program for permitting pesticide discharges to surface waters.
- Discussion of the new Nutrient Control Regulation – Regulation No. 85.
- New section on Total Maximum Daily Load Bridge to Restoration program with detailed descriptions of each project under this program.
- New section on Water Pollution Control Revolving Fund Measurable Results Initiative with detailed descriptions of each project under this program.
- Discussion of prioritization strategy for the Total Maximum Daily Load program.

Nineteen western states are supplied with water by four regional watersheds with headwaters in Colorado: the Arkansas, Colorado, Rio Grande and Missouri (South Platte) watersheds.

What's Changed from the 2012 305(b) Report Update

New Database	•The division migrated waterbody assessment data from the assessment database to a new GIS based database. This database allows for increased functionality and improved accuracy.
Assessment Unit Identifiers	•The new database groups assessment units based on the listing category for the segment or a portion of the segment. These are called AUID's and are different from previously reported assessment units.
Category 3b	•A new state-specific subcategory 3b was created to track waters that are likely to be impaired but additioanl information needs to be collected to confirm the assessment decision. This category includes waterbodies on Colorado's Monitoring and Evaluation (M&E) List.
Greater Accuracy in Waterbody Sizes	•Great improvements in NHD/GIS layers have improved the accuracy of waterbody sizes for Colorado.
4-Year Summary	•Due to resource constraints, Colorado did not publish a 2014 IR. Therefore, this report reflects the status of water quality in Colorado from a four-year period instead of the typical 2-year period.

Events shaping Colorado's Water Quality for 2016 Integrated Reporting Cycle

Statewide Nutrient Control Regulation and Standards

In June 2012, the Colorado Water Quality Control Commission adopted nutrient regulatory provisions composed of two major components: scientifically-based numerical values for nutrients at levels to protect designated uses of Colorado waters, and (2) a new Nutrients Management Control Regulation establishing technology-based treatment requirements for many domestic (and some industrial) wastewater dischargers, provisions encouraging voluntary controls of nonpoint sources and monitoring requirements.

Regulation No. 31 (Surface Water Basic Standards) Revisions: Revisions for Regulation No.31 include interim numerical values for phosphorus, nitrogen, and chlorophyll *a* for streams and lakes. The numerical values are based on the maximum amounts of each pollutant that can be present in water and still protect the designated use. These numerical values can be considered for the adoption of standards for individual water bodies in phases. Adoption of standards during the first phase will protect high quality waters above current dischargers and protect direct use water supply reservoirs.

Regulation No. 85 (Nutrients Management Control Regulation): Regulation No. 85 requires certain larger wastewater treatment facilities to meet effluent limits for phosphorus and nitrogen based on levels determined to be achievable with available technology. It focuses control requirements on the major regulated sources of nutrient pollution in Colorado and includes provisions to fine-tune application of the new treatment requirements. For example, there are exceptions, exclusions, and delays for small facilities, facilities in disadvantaged communities, and facilities that have minimal impacts. Regulation No. 85 contains a voluntary approach for agriculture and other nonpoint sources, with the potential for additional regulatory requirements after ten years if needed. It also includes monitoring requirements that will develop better information for future nutrients management decision-making.

A variety of data was collected and submitted to the Water Quality Control Division including:

- Nutrient data from over 300 facilities in 2013 and 2014.
- MS4 Discharge Assessment Data Reports.
- Data collected from cooling tower dischargers.

Both regulations are subject to statutory triennial review requirements with the first review of Regulation No. 85 completed in the fall of 2015. After that review, a formal rulemaking hearing was set for 2017.

2013 Flood

Large volumes of precipitation were received for a long duration on the eastern slope of Colorado beginning September 11, 2013. Heavy accumulations ranged from 4 inches to over 15 inches. For most of these locations, the annual average rainfall amount is 16 inches or less. Historically, the average September precipitation east of the Continental Divide is less than two inches. The flooding affected personal property and public infrastructure including roads, bridges, water treatment facilities, wastewater treatment facilities, distribution systems and collection systems. In limited cases, drinking water systems were compromised, resulting in "Boil Water Advisories". In addition, a number of wastewater systems were also affected resulting in discharge of sewage to streams and rivers. Industrial facilities and agricultural operations were also impacted. These flooded waters were expected to contain high quantities of sediment, bacteria and other pollutants.

The division in collaboration with the EPA conducted two sampling events after the flood of September 2013. None of the samples exceeded drinking water or agricultural standards for surface water. With respect to recreation, the sampling results indicated that bacterial levels (*E. coli*) were elevated.

Due to the extreme nature of this flood event, it was expected that there could be some exceedances of acute standards. However, the concentrations of the majority of pollutants analyzed were below the state's acute standard (lethal) for protection of aquatic life (including fish and aquatic insects) in 37 out of 39 locations.

Division staff sample James Creek in Jamestown after the 2013 flood.

2015 Gold King Mine Spill

The Gold King Mine is located north of Silverton, Colorado on Cement Creek in the Upper Animas River Basin. The Upper Animas River Basin is a heavily mineralized area that was extensively mined for metals, predominately gold and silver, from the 1870s to the mid-1990s. The historic mining activities significantly increased the exposure of the mineralized rock to atmospheric conditions. This exposure increased the amount of heavy metals and acidity reaching surface water and sediments, known as acid mine drainage. The most common heavy metals associated with acid mine drainage in the basin are zinc, copper, lead, aluminum, iron, and manganese, with lesser amounts of other metals.

On August 5, 2015, an EPA team was working to investigate on-going water releases from the mine and assessing the feasibility of further mine remediation. During the excavation, 3 million gallons of mine waste water was unexpectedly released into Cement Creek. The contaminated water traveled for a week down the Animas River, joined the San Juan River in New Mexico and finally the Colorado River and Lake Powell in Utah.

Following the release, the Colorado Department of Public Health and Environment's Water Quality Control Division immediately notified and directed downstream drinking water users to take

appropriate steps and shut off water intakes until the contaminated water passed. Subsequently, staff remained in constant contact with water users to ensure water systems were informed about the consequences of the spill. In addition, several staff traveled to Durango, Silverton and the mine site to respond and evaluate water quality impacts from this release.

Water quality staff and Hazardous Materials Waste Management Division staff took surface water and sediment samples to determine the extent of impacts from the release. Samples were taken daily (or more frequently) over an 11-day period from upstream of Silverton to the New Mexico border. Samples were sent to the state lab where staff expedited analysis for publication. In most cases, the state turned samples around in 24-36 hours so decision makers had the most current information to respond to public concerns.

Initial sampling indicated levels of copper, lead, manganese and zinc were higher than when previously tested in June 2015. By August 11, however, the levels of monitored metals in the Animas River had returned to pre-spill levels. In Cement Creek, cadmium, copper and zinc continue to be above the historic range for these metals. Water quality staff also worked with the Division of Parks and Wildlife of the Colorado Department of Natural Resources and with veterinarians from the Department of Agriculture to monitor the effects from the spill on aquatic life, wildlife and livestock. CDPHE was in communication with local public health agencies, water users and the EPA very early on and continues to provide support on this issue.

Colorado Water Plan

The executive summary of the Colorado Water Plan identifies 2050 goals for watershed health, environment and recreation. The goals are as follows:

> *By 2050, Colorado's waters will fully support their classified uses, which may include drinking water, agriculture, recreation, aquatic life, and wetlands. Recognizing the inter-relationships between quality and quantity, strategies designed to meet Colorado's current and future consumptive, recreational, and environmental water needs will incorporate, as a key objective, the protection and restoration of water quality.*
>
> *The WQCD, in concert with other stakeholders, including watershed groups and those with point and nonpoint discharges, will continue to employ available programs to maintain, and in some cases, improve water quality at a basin scale. The WQCD will document progress over time in the WQCD's Integrated Report and WQCD's Statewide Water Quality Management Plan. The WQCD typically updates the Integrated Report every two years and uses it to track progress on the quality portion of the integration goal over time.*

Currently, Colorado has assessed 91 percent of its river miles and 59 percent of its lake acres[1] for at least one use. Sections below provide current use attainment summaries. In order to show by 2050 that all uses are supported, additional monitoring is planned to better characterize all waters in Colorado. These plans include partnerships with data collectors across the state, enhanced monitoring in areas with little data and the use of probabilistic studies in high altitude, remote and roadless areas, and areas with ephemeral waters.

Over the next ten years, Colorado will develop a plan to address impairments through source identification, TMDL plan development and by evaluating appropriate standards for impaired segments. Through source reduction and refinement of standards, Colorado will work towards the goal of fully supporting classified uses for all Colorado waters by 2050.

[1] Calculations are based on Colorado's GIS data version of the National Hydrography Dataset at 1:100,000 resolution.

In recognition of the goals set forth in the Colorado Water Plan, Colorado is also interested in maintaining current good water quality in light of expected population growth and land use changes. Initial steps involve investigating how our protection efforts are impacting our regulated sectors through permit issuance, compliance assistance and enforcement action. This will be accomplished through assessing trend data across the state and targeted studies in areas of high growth and watershed changes.

The Colorado Water Plan also identifies measureable objectives and adaptive management goals. Increased efforts through reuse and graywater are both identified as efforts to close the supply and demand gap. One goal in the water plan is to evaluate regulations that foster reuse of water supplies while protecting public health and the environment. In 2015, to address this objective, the commission adopted Regulation No. 86, Graywater Control Regulation. This regulation establishes the allowed users and uses of graywater in Colorado and provides local cities and counties the discretion on whether to adopt any graywater uses with minimum design criteria and control measures. The Reclaimed Water Control Regulation No. 84 was established in 2000 by the commission. This regulation establishes requirements, prohibitions, standards and concentration limits for the use of reclaimed water to protect public health and the environment while encouraging use of reclaimed water.

Harmful Algal Blooms

On a national level, harmful algal blooms have generated increased attention due to the rising number of algal blooms occurring across the nation. An increase in the number of closures in recreational waters and animal deaths due to algal toxins has also created increased attention on the topic. Moreover, national concern was also generated when the City of Toledo issued a "Do Not Drink" advisory in response to elevated toxins in drinking water.

In 2015, the division worked closely with Colorado Parks and Wildlife in their development of guidance for managing recreational waters that may be impacted by harmful algal blooms. The guidance provides monitoring steps and health advisory thresholds for four different cyanotoxins (microcystin, cylindrospermopsin, anatoxin, and saxitoxin), as well as signs that can be posted when those thresholds exceed a *caution* or *warning* level. The Colorado Parks and Wildlife notifies the division as part of their communication plan when they detect cyanotoxins in their recreational waters.

Immediately after EPA released their new drinking water health advisory thresholds for microcystin and cylindrospermopsin, the division reached out to the Colorado Water Utility Council, Colorado Parks and Wildlife, Colorado Lake and Reservoir Management Associates, and other partners to form the Harmful Algal Bloom Workgroup. The workgroup met throughout 2015 to develop Colorado specific drinking water monitoring guidance, create educational resources, provide trainings to potentially impacted surface water systems, and discuss the latest information which is shared through an online library.

In 2015, the division and Colorado Parks and Wildlife presented information regarding Colorado's efforts on recreational and drinking water harmful algal blooms at an EPA region 8 workshop in South Dakota, at a national EPA harmful algal bloom webinar, and to Colorado's Water Quality Control Commission.

Future activities include continuing to work with Colorado Parks and Wildlife to finalize their guidance and share it among other recreational water managers that may wish to adopt it, working with the Harmful Algal Bloom Workgroup to finalize the drinking water guidance and providing training opportunities for potentially impacted drinking water systems.

Assessment Efforts during 2012 through 2015

Surface water quality assessments over the past four years have focused on basin rulemaking hearings for the Arkansas River Basins (Regulation No. 32) and Rio Grande Basins (Regulation No. 36) in June of 2013; the Upper Colorado River Basins (Regulation No. 33) and the Lower Colorado River Basins (Regulation No. 37) in June of 2014; and the South Platte River Basins (Regulation No. 38) in June of 2015. The Basic Standards Rulemaking Hearing will take place in June of 2016. Other water quality assessments were also conducted during the preparation of the 2016 303(d) List as well as those associated with permits in Colorado Discharge Permit System.

Colorado used the assessment database for 2010 and 2012 reporting cycles. Since the database is no longer supported by modern technology, in 2015, the division began migrating the database and associated information to a GIS-based database. Throughout this refinement process, a number of issues were discovered regarding the segmentation and segment sizes, and therefore the number of river miles and lake acres reported in this document will differ from previously reported values. A vastly improved GIS layer based on the National Hydrography Dataset provided the division with greater accuracy in waterbody sizes for the State of Colorado and has therefore provided estimates of percent attaining/non-attaining with a greater level of confidence. All of the summary calculations done in this report are based on Colorado's version of the National Hydrography Dataset at 1:100,000 resolution.

In addition, the new database provides enhanced options for tracking the history of assessment decisions as well as the state specific Category 3b designation for the Monitoring and Evaluation (M&E) List. In past reports, waters on the M&E List were grouped into Category 2 waters under database specifications. Section on IR categories below provides descriptions of the five IR categories. The division created a state-specific subcategory 3b to track waters that are likely to be impaired but where additional information needs to be collected to confirm the assessment decision (see more information on the M&E List on page 7 of this report). Therefore, there will be a noticeable decrease of river miles and lake acres reported in Category 2 and increase of miles and acres in Category 3 in this report compared to the 2012 report.

Furthermore, summary tables in the appendices in this report will use Assessment Units IDs, called AUIDs and descriptions retrieved from the new CO IR database. The new database groups assessment units based on the listing category for the segment or a portion of the segment. The description describes the exact segment, or portion of the segment, the assessment category applies to. Thus, the AUIDs and descriptions in the 2016 report will be different from identifiers and descriptions from the assessment database used in 2010 and 2012 reports.

Surface Water Quality and Use Support

Surface water quality standards have been established to be protective of all uses. Waterbodies may be assigned any of five following categories of use classifications: aquatic life, recreation, water supply, wetlands or agriculture. One goal of the Clean Water Act is that all waters of the state are classified and fully supporting "fishable" and "swimmable" use classifications. Past reports have combined these four classified use classifications into the older "fishable" and "swimmable" bigger categories. Beginning with the 2010 report, the IR reports all classified use attainment and all reporting categories.

The five classified use reporting categories are as follows. Each assigned classified use will fit into one of these five categories. A more detailed description of the five categories, including subcategories is included within the report.

Category 1	• Attaining water quality standards for all classified uses.
Category 2	• Attaining water quality standards for some classified uses.
Category 3	• Insufficient data to determine whether or not the classified uses are being attained.
Category 4	• Not supporting a standard for one or more classified uses, but a TMDL is not needed (subcategories further explained).
Category 5	• Not meeting applicable water quality standards for one or more classified uses by one or more pollutants (303(d) waterbodies). Includes Category 5-alt.

Assessment Results Summary for 2012 through 2015

For the current cycle, over 84,978 river miles and over 160,202 lake acres were assessed. For Colorado streams and rivers, over 27,472 miles were supporting all classified uses. Approximately, 27,288 miles were supporting at least one classified use, but approximately 12,975 miles were found to be impaired and require a TMDL analysis to be developed.

For Colorado lakes, approximately 23,509 acres were found to fully support all classified uses. An additional 65,968 acres were supporting at least one classified use. A total of approximately 58,725 lake acres were found to be impaired and require a TMDL.

The following table shows the percentages of assessed and attaining river and stream miles.

TABLE 1: PROPORTION OF RIVER AND STREAM MILES SUPPORTING USES.

Use	Supporting	Not supporting	Insufficient Data	Not Assessed
Aquatic life	72%	12%	5%	11%
Domestic water supply	63%	12%	19%	7%
Recreation	39%	2%	2%	56%
Agriculture	90%	2%	0%	8%
All uses	59%	16%	16%	9%

The leading causes for impairment in Colorado rivers are arsenic, selenium, copper, *E. coli* and total recoverable iron. The leading cause for exceedances of the aquatic life use is selenium. The leading cause for exceedances of the water supply use is arsenic. The leading cause for exceedances of the recreation use is *E. coli*. Standards associated with the agricultural use are typically less stringent compared to standards protective of both the aquatic life and water supply use. Therefore, non-attainment of the agricultural use is not common.

The following table shows the percentages of assessed and attaining lake and reservoir acres.

TABLE 2: PROPORTION OF LAKE AND RESERVOIR ACRES SUPPORTING USES.

Use	Supporting	Not supporting	Insufficient Data	Not Assessed
Aquatic life	33%	22%	3%	41%
Domestic water supply	43%	1%	2%	54%
Recreation	14%	0%	0%	86%
Agriculture	57%	0%	0%	43%
All uses	33%	23%	3%	41%

The leading causes for impairment in Colorado lakes and reservoirs are dissolved oxygen, fish tissue mercury, pH and selenium. All of these identified causes are associated with exceeding the aquatic life use standards. The leading cause for exceedances of the water supply use for lakes is arsenic.

Miles/Acres Impaired - 303(d) List

Stream segments that are not fully supporting their classified uses are defined as impaired and placed on the state 303(d) List of Impaired Waters. The 2016 Section 303(d) List identified over 284 impaired segments, with approximately 554 individual pollutants on those segments requiring the development of TMDLs. This was an increase in the number of listed segments on the 2012 list, due mainly to changes in the 303(d) Listing Methodology, changes to table value standards in the Basic Standards, Regulation No. 31, and increased monitoring. The M&E List also grew in 2016 with over 283 segments, with approximately 434 individual pollutants.

The 2016 303(d) List is submitted to EPA in April, 2016, as part of the submittal of the IR, which includes the 303(d) list and the 305(b) Report. The suspected causes of the impairment have also been

identified. The leading cause of impairment for rivers is arsenic while the leading cause for impairment for lakes is dissolved oxygen. Geologic sources of arsenic are prevalent in Colorado while nutrient enrichment is often the cause of dissolved oxygen impairments. The major source or contributor of these pollutants in Colorado is still unknown in most cases.

Integrated Report Category Summaries

RIVERS AND STREAMS

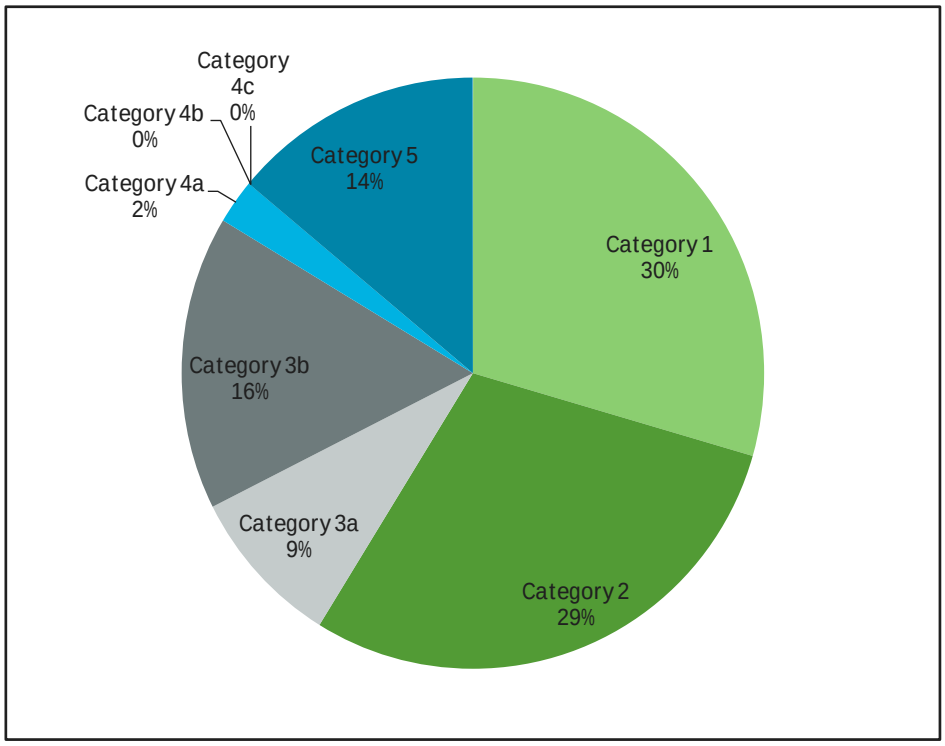
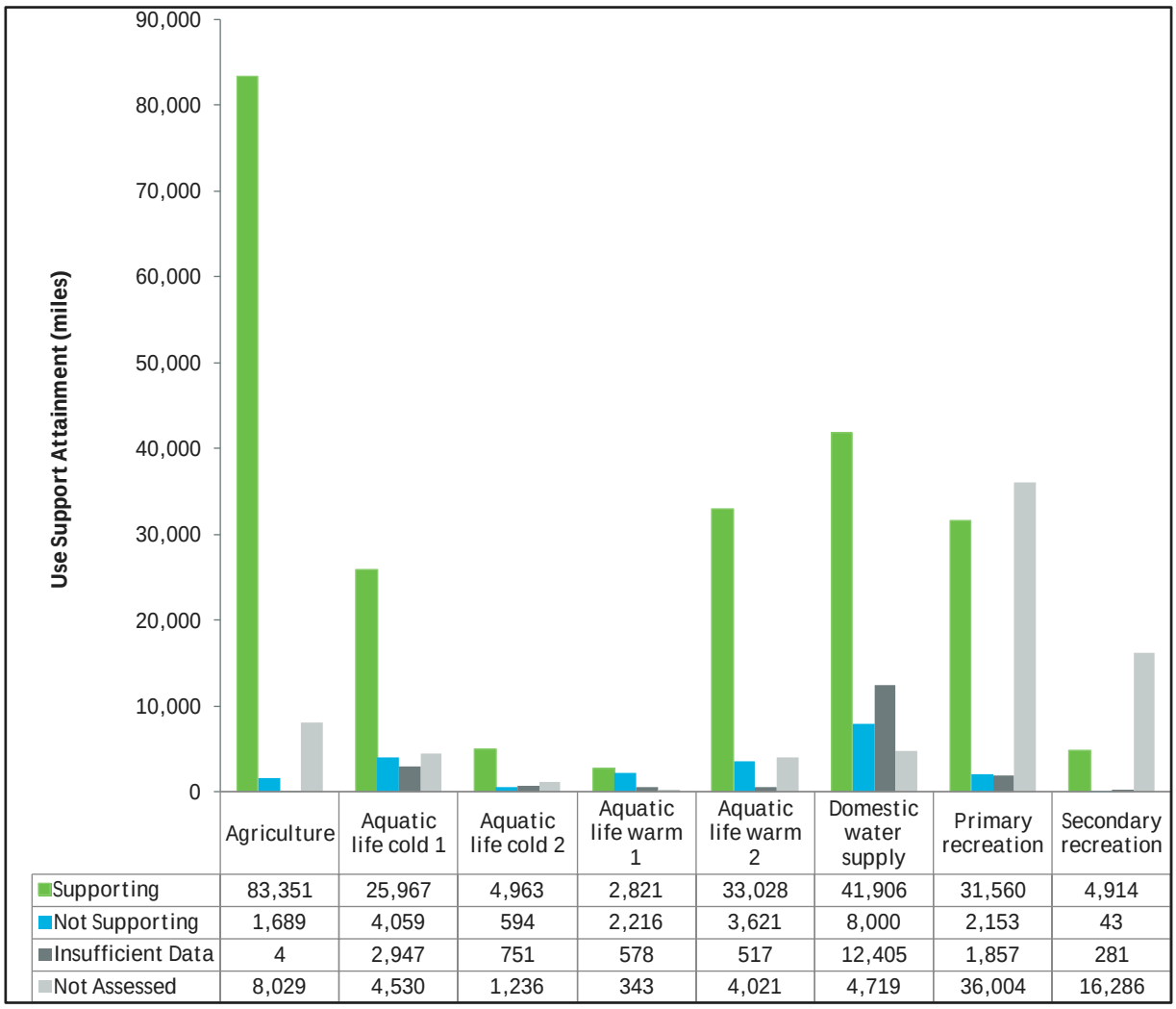


FIGURE 1: ASSESSMENT DECISIONS AS PERCENTAGE OF MILES OF COLORADO'S RIVERS AND STREAMS.

TABLE 3: SUMARY OF ASSESSMENT DECISIONS FOR COLORADO'S RIVERS AND STREAMS

Category	Size (Miles)	Number of Assessment Units
Category 1	27,472	246
Category 2	27,287	125
Category 3a	8,120	122
Category 3b	14,971	138
Category 4a	2,271	64
Category 4b	2	1
Category 4c	0	0
Category 5	12,975	347



	Agriculture	Aquatic life cold 1	Aquatic life cold 2	Aquatic life warm 1	Aquatic life warm 2	Domestic water supply	Primary recreation	Secondary recreation
Supporting	83,351	25,967	4,963	2,821	33,028	41,906	31,560	4,914
Not Supporting	1,689	4,059	594	2,216	3,621	8,000	2,153	43
Insufficient Data	4	2,947	751	578	517	12,405	1,857	281
Not Assessed	8,029	4,530	1,236	343	4,021	4,719	36,004	16,286

FIGURE 2: USE SUPPORT ATTAINMENT OF COLORADO'S RIVERS AND STREAM. DATA IS EXPRESSED IN MILES, ROUNDED TO THE NEAREST WHOLE NUMBER.

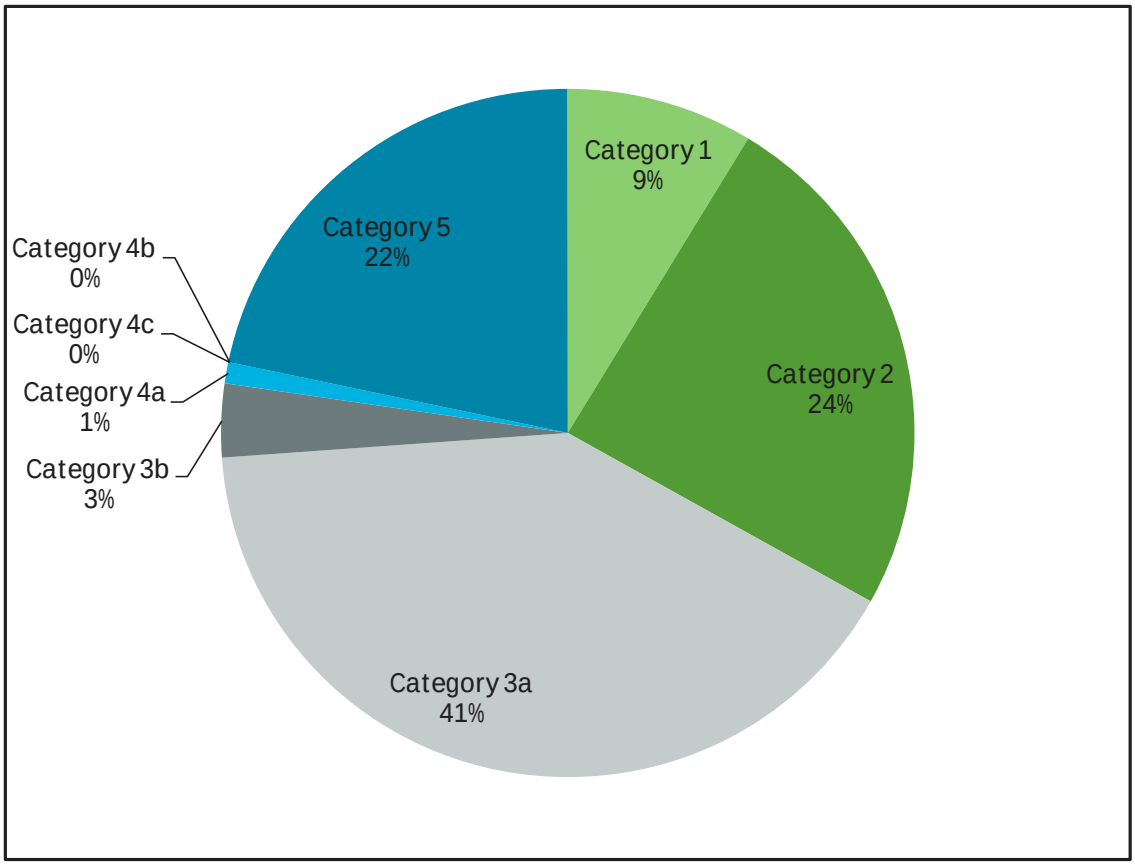
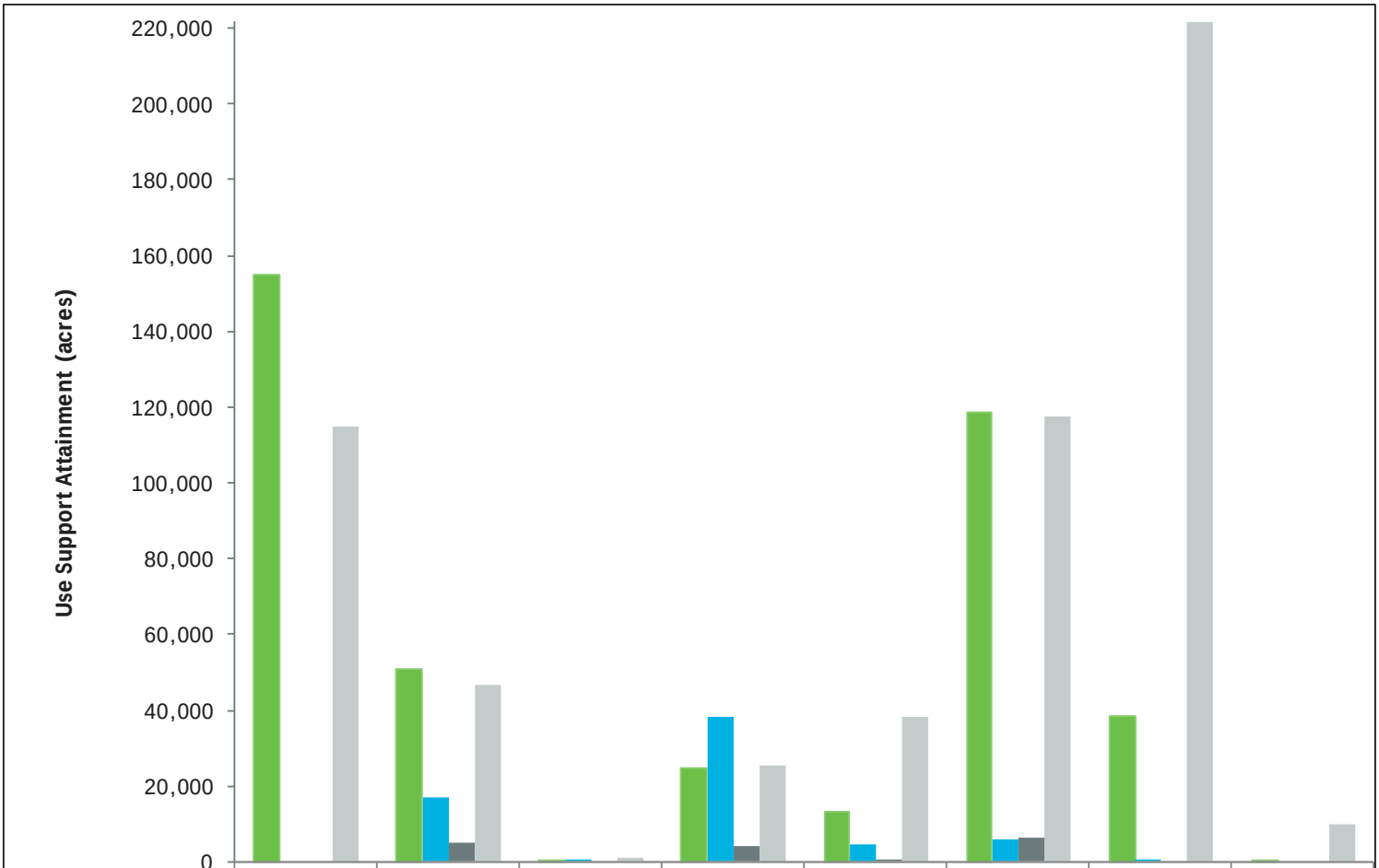


FIGURE 3: ASSESSMENT DECISIONS AS PERCENTAGE OF ACRES OF COLORADO'S LAKES AND RESERVOIRS.

TABLE 4: SUMMARY OF ASSESMENT DECISIONS FOR COLORADO'S LAKES AND RESERVOIRS

Category	Size (Acres)	Number of Assessment Units
Category 1	23,509	29
Category 2	65,968	34
Category 3a	109,998	177
Category 3b	9,289	21
Category 4a	2,711	4
Category 4b	0	0
Category 4c	0	0
Category 5	58,572	57



	Agriculture	Aquatic life cold 1	Aquatic life cold 2	Aquatic life warm 1	Aquatic life warm 2	Domestic water supply	Primary recreation	Secondary recreation
Supporting	155,046	50,695	71	24,882	13,205	118,454	38,437	142
Not Supporting	0	16,917	448	38,395	4,534	6,162	51	0
Insufficient Data	0	4,940	0	4,054	64	6,598	0	0
Not Assessed	114,993	46,885	1,178	25,596	38,182	117,528	221,555	9,863

FIGURE 4: USE SUPPORT ATTAINMENT OF COLORADO'S LAKES AND RESERVOIRS. DATA IS EXPRESSED IN ACRES, ROUNDED TO THE NEAREST WHOLE NUMBER.

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List of Abbreviations

AUID's – Assessment Unit Identifiers

BMP - Best Management Practice

CDPHE - Colorado Department of Public Health and Environment

CDPS - Colorado Discharge Permit System

CDSN – Colorado Data Sharing Network

CERCLA - Comprehensive Environmental Response, Compensation and Liability Act

CFR – Code of Federal Regulations

CLRMA – Colorado Lake Management Association

CO- Colorado

CWA - Clean Water Act

DNR-Department of Natural Resources

DRMS – Division of Reclamation, Mining and Safety

EPA - Environmental Protection Agency

E. coli- Escherichia coli

FY – Fiscal Year

FFY – Federal Fiscal Year

GIS – Geographic Information System

IR – Integrated Report

M&E List – Monitoring and Evaluation List

mgd – million gallons per day

mg/l - milligrams per liter

mg/kg – Milligrams per kilograms

MMI – Multi-Metric Index

MS4 – Municipal separate storm sewer system

NHD – National Hydrography Dataset

PCE - Perchloroethylene

POTWs – Publicly Owned Treatment Works

RCRA - Resource Conservation and Recovery Act

SFY – State Fiscal Year

TMDL - Total Maximum Daily Load

USGS – United States Geological Survey

WBID – Water Body Identification

WPCRF - Colorado Water Pollution Control Revolving Fund

WQBELs - Water Quality-Based Effluent Limits

305(b) Report - Water Quality Inventory Report

303(d) List- Impaired Waterbodies List

Part A. Introduction

Dog in canoe on Lonetree Reservoir

Part A. Introduction

Colorado's 305(b) Components of the Integrated Report (IR)

This 305(b) Report is intended to comprehensively summarize the quality of state waters during 2012 through 2015. This characterization of water quality is the result of the ongoing assessment of all readily available and existing data collected from governmental, municipal and private entities working throughout Colorado.

Colorado's 305(b) Reports have undergone many revisions in format over the years. Beginning in 2004, the State of Colorado elected to fulfill the reporting requirement by submitting comprehensive updates to earlier 305(b) Reports. In 2010, the report underwent an extensive revision in format and content. The 2012 report was an updated version of the 2010 report. Colorado had to defer the 2014 report due to resource constraints. This 2016 report covers both the 2014 and 2016 reporting cycles. The reporting requirements and explanation of IR is further described within this introduction.

Clean Water Act (CWA) Section 305(b) Reporting Requirements

The Federal Water Pollution Control Act (PL92-500, commonly known as the CWA), as last reauthorized by the Water Quality Act of 1987 (PL100-4), establishes a process for states to use to develop information on the quality on the Nation's water resources. The requirements for this process are found in Sections 106(e), 204(a), 303(d), 305(b), and 314(a) of the Clean Water Act. Each state must develop a program to monitor the quality of its surface and ground waters and prepare a report describing the status of its water quality. The EPA then compiles the data from the state reports, summarizes them, and transmits the summaries to Congress along with an analysis of the status of water quality nationwide. More information can be found at www.epa.gov/tmdl/integrated-reporting-guidance

Section 305(b) of the Clean Water Act requires that each state submit a biennial report to the EPA. This 305(b) process is the principle means by which EPA, Congress, and the public evaluate whether U.S. waters meet water quality standards, the progress made in maintaining and restoring water quality, and the extent of remaining problems. Each 305(b) Report will contain at least the following:

- A description of the water quality of all waters in the state and the extent to which the quality of waters provides for the protection and propagation of a balanced population of shellfish, fish and wildlife and allows recreational activities in and on the water.
- An estimate of the extent to which Clean Water Act control programs have improved water quality or will improve water quality, and recommendations for future actions necessary and identifications of waters needing action.
- An estimate of the environmental, economic and social costs and benefits needed to achieve the objectives of the Clean Water Act and an estimate of the date of such achievement.
- A description of the nature and extent of nonpoint source pollution and recommendations of programs needed to control each category of nonpoint sources, including an estimate of implementation costs.
- An assessment of the water quality of all publicly owned lakes, including the status and trends of such water quality as specified in Section 314(a)(1) of the Clean Water Act.

Clean Water Act (CWA) Section 303(d) Reporting Requirements

The 1972 amendments to the Clean Water Act include the addition of Section 303(d). The regulations implementing Section 303(d) requires states to develop lists of waterbodies that do not meet water quality standards and to submit updated lists to the EPA every two years, along with the 305(b) Report. Water Quality Standards, as defined in the Code of Federal Regulations, include classified uses, water quality objectives (narrative and numerical) and anti-degradation requirements. The EPA is required to review impaired waterbody lists submitted by each state and approve or disapprove all or part of the list.

For waterbodies on the 303(d) list, the Clean Water Act requires that a pollutant load reduction assessment or Total Maximum Daily Load be developed to correct the impairment. TMDLs must document the nature of the water quality impairment, determine the maximum amount of a pollutant which can be discharged and still meet standards, and identify allowable loads from the contributing sources. The elements of a TMDL include a problem statement, description of the desired future condition (numerical target), pollution source analysis, load allocation, description of how allocations related to meeting targets, and margins of safety (www.epa.gov/tmdl).

Each 303(d) list as incorporated into the IR contains the following information:

- A list of water quality-limited waters still requiring TMDLs, pollutants causing the impairment and priority ranking for TMDL development.
- A description of the methodology used to develop the list.
- A description of the data and information used to identify water quality, including a description of the existing and readily available data and information used.
- A rationale for any decision to not use any existing and readily available data and information.
- Any other reasonable information requested by EPA, such as demonstrating good cause for not including a water or waters on the list.

As amended in 1972, the Federal Water Pollution Control Act of 1948, was the first major US law to address water pollution. It became known as the Clean Water Act.

Clean Water Act (CWA) Section 314 Reporting Requirements

In each 305(b) Report submittal, an assessment of status and trends of significant publicly owned lakes including extent of point source and nonpoint source impacts due to toxics, conventional pollutants and acidification is required. States must submit the following information in their 305(b) Reports:

- An identification and classification according to eutrophic condition of all publicly owned lakes.
- A description of procedures, processes, and methods (including land use requirements), to control sources of pollution of such lakes.
- A description of methods and procedures, in conjunction with appropriate federal agencies, to restore the quality of such lakes.
- Methods and procedures to mitigate the harmful effects of high acidity, including innovative methods of neutralizing and restoring buffering capacity of lakes and methods of removing from lakes toxic metals and other toxic substances mobilized by high acidity.
- A list and description of those publicly owned lakes in such state for which uses are known to be impaired, including those lakes which are known not to meet applicable water quality standards or which require implementation of control programs
- Plans to maintain compliance with applicable standards and those lakes in which water quality has deteriorated as a result of high acidity that may reasonably be due to acid deposition.
- An assessment of the status and trends of water quality in lakes in such state, including but not limited to, the nature and extent of pollution loading from point and nonpoint sources and the extent to which the use of lakes is impaired as a result of such pollution, particularly with respect to toxic pollution.

Integrated Reporting Guidance

The EPA has issued guidance for the development of an Integrated Water Quality Monitoring and Assessment Report by the states. This guidance requires that states integrate their 305(b) Report and their 303(d) list, along with an electronic copy of the 305(b) database, state's assessment database and a copy of the state's National Hydrography GIS layer. These four components make up the IR. The IR is intended to provide an effective tool for maintaining high quality waters and improving the quality of waters that do not attain water quality standards. The integrated report will also provide water resources managers and citizens with detailed information regarding the following:

- Progress towards achieving comprehensive assessment of all waters.
- Water quality standards attainment status.
- Methods used to assess water quality standards attainment status.
- Additional monitoring needs and schedules.
- Pollutants and waterbodies requiring TMDLs.
- Pollutants and waterbodies requiring alternative pollution control measures.
- Management strategies (including TMDLs) under development to attain water quality standards.
- TMDL development schedules and goals.

This IR will streamline water quality reporting since data sources and assessment methods will be described in detail in Colorado's Section 303(d) Listing Methodology, which provides a sound technical and scientific basis for assessment and listing decisions. Public participation events provide opportunities for data submittal and discussion of water quality assessments methods and results. The listing methodology is reviewed and updated on a biennial basis in anticipation of the IR development. The listing methodology is revisited and revised with the intent of clarifying the division's procedures for assessing attainment of those uses and standards assigned by the commission to Colorado waters. The current listing methodology can be found here at www.colorado.gov/sites/default/files/303dLM2016.pdf

Integrated Reporting Categories

Waterbodies are assessed and divided into one of five reporting categories. Detailed descriptions are included below.

Category 1	• Attaining water quality standards for all classified uses.
Category 2	• Attaining water quality standards for some classified uses.
Category 3	• Insufficient data to determine whether or not classified uses are being attained. Includes Category 3b for the M&E List.
Category 4	• Not supporting a standard for one or more classified uses, but a TMDL is not needed (subcategories further explained).
Category 5	• Not meeting applicable water quality standards for one or more classified uses by one or more pollutants (303(d) waterbodies). Includes Category 5-alt.

Category 1: All classified uses are supported; no use is threatened.

Waterbodies in this category are consistent with their water quality standards and their assessment methodologies, and sufficient data and information exist to determine that all applicable water quality standards are being attained.

Category 2: Available data and/or information indicate that some but not all of the classified uses are supported.

Waterbodies in this category are characterized by data and information which meet the requirements to support a determination that some, but not all, uses are attained. Attainment status of the remaining uses is unknown because there is insufficient data or information available.

An example of a Category 2 would be a segment where the aquatic life and agriculture uses were both assessed and both attaining but *E. coli* data was lacking in order to assess the recreation use. In this case it is not known if the Recreation Use is being attained so it cannot be placed in Category 1.

Category 3: There is insufficient available data and/or information to make a use support determination.

Waterbodies in this category are listed as having insufficient data or information to support an attainment determination for any classified use. Assessment of the attainment status requires supplementary data and monitoring as needed and prioritized.

Colorado identifies waterbodies where some data is available that indicates that there may be an impairment but there is not enough data to put it on the 303(d) List. This list is called the Monitoring and Evaluation List (M&E). Segments are placed on this list until additional data can be collected to either add it to the 303(d) List (Category 5) or place it into Category 1. Colorado created a Subcategory 3b for placing segments on the M&E List. Segments where no water quality data has been collected are placed in Category 3a.

Category 4: Available data and/or information indicate that at least one classified use is not being supported or is threatened, but a TMDL is not needed.

Segments are placed in Category 4 if available data and/or information indicate that at least one classified use is not being supported or is threatened, but a TMDL is not needed. Category 4 is further broken out into 3 additional sub-categories:

4a – TMDL has been completed.

A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any segment-pollutant combination. The waterbody is expected to result in full attainment of the standard once implementation of the TMDL is complete. Where more than one pollutant is associated with the impairment of a waterbody, the waterbody will remain in Category 5 until all TMDLs for each pollutant have been completed and approved by EPA. Monitoring shall be scheduled for these waterbodies to verify that the water quality standard is met when the TMDL is implemented.

4b – Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.

Alternative pollution control requirements may obviate the need for a TMDL. Segments are not required to be included on the Section 303(d) list if technology-based effluent limitations required by the CWA, more stringent effluent limitations required by state, local, or federal authority, or "other pollution control requirements (e.g., BMPs) required by local, state or federal authority" are

stringent enough to implement applicable water quality standards (see 40 CFR 130.7(b)(1)) within a reasonable period of time. The most effective method for achieving water quality standards for some water quality impaired segments may be through controls developed and implemented without TMDLs (referred to as a "4b alternative"). Monitoring shall be scheduled for these waterbodies to verify that the water quality standard is attained as expected.

4c – Impairment is not caused by a pollutant.

The non-attainment of any applicable water quality standard for the segment is the result of pollution and is not caused by a pollutant. These segments do not require the development of a TMDL. Pollution, as defined by the Clean Water Act is "the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water" (Section 502(19)). In some cases, the pollution is caused by the presence of a pollutant and a TMDL is required. In other cases, pollution does not result from a pollutant and a TMDL is not required. States should schedule these segments for monitoring to confirm that there continues to be no pollutant associated with the failure to meet the water quality standard and to support water quality management actions necessary to address the cause(s) of the impairment. Examples of circumstances where an impaired segment may be placed in Category 4c include segments impaired solely due to lack of adequate flow or to stream channelization.

Category 5: Available data and/or information indicate that at least one classified use is not being supported or is threatened, and a TMDL is needed.

Segments must be placed in Category 5 when, based on existing and readily available data and/or information, technology-based effluent limitations required by the Act, more stringent effluent limitations, and other pollution control requirements are not sufficient to implement an applicable water quality standard and a TMDL is needed. This category constitutes the Section 303(d) list of waters impaired by a pollutant. When more than one pollutant is associated with the impairment of a single waterbody, the waterbody will remain in Category 5 until TMDLs for all pollutants have been completed and approved by EPA. Monitoring schedules shall be established for data collection to support TMDL establishment and to determine if the standard is attained. A schedule for the establishment of TMDLs for all waters in Category 5 shall be submitted as well, and this schedule reflects the priority ranking of the listed waters.

Subcategory 5-alt – on alternative restoration approaches for CWA 303(d) listed waters

In accordance with the EPA's recently developed 303(d) program vision, EPA recognizes that "under certain circumstances there are alternative restoration approaches that may be more practicable to achieve water quality standards than pursuing the TMDL approach in the near future. An alternative restoration approach is a plan, or description of actions, with a schedule and milestones, pursued in the near-term that in their totality are expected to achieve water quality standards more rapidly."[2] Since waters with alternative approaches remain on 303(d) list until the standards are attaining or TMDL has been approved, EPA created a Subcategory 5-alt under Category 5 to track waters with alternative approaches.

[2] 2016 Integrated Report Guidance, EPA, http://www.epa.gov/sites/production/files/2015-10/documents/2016-ir-memo-and-cover-memo-8_13_2015.pdf

Delisting Tables

In an effort to report progress of Clean Water Act programs, including progress in restoring waters, EPA strongly encourages states to document the status of segments that have been removed from Category 5 (303(d) listed streams). In order to provide a complete picture of restoration, states are also asked to capture the reasons for moving waters in Categories 4a, 4b, and 4c to other categories. This is now captured in a waterbody delisting table, which is now a permanent component of the 305(b) Report. Below is the list of reasons for moving waterbodies off of the 303(d) list.

- State determines water quality standard is being met.
- Category 4b alternative plan (4b).
- Non-attainment not caused by a pollutant (4c).
- TMDL approved or established by EPA (4a).
- Waterbody not in state's jurisdiction.
- Applicable water quality standard attained due to restoration activities.
- Applicable water quality standard attained due to changes in standards.
- Applicable water quality standard attained according to new assessment method.
- Applicable water quality standard attained; the reason for recovery is unspecified.
- Applicable water quality standard attained; the original basis for listing was incorrect.
- Data and/or information is lacking to determine water quality status; (Category 3)

The delisting table for 2016 is included in Appendix C.

Public Participation Process

Colorado has a unique public participation process for the 305(b) portion of the IR. In addition to the public participation process in place for the listing methodology and the 303(d) list, a process is also in place for the report. The draft 305(b) Report is posted on the commission's website and public comments are encouraged. The commission will hold an administrative action hearing in March of every reporting year. Any public comments received will be considered and public participation is encouraged at the administrative action hearing. The commission will either approve or disapprove the report upon the conclusion of the administrative action hearing. The majority of states do not have a public participation process for the 305(b) portion of the IR, thus making Colorado's process unique, informative and involved.

44 external parties requested party status for the December 2015 rulemaking hearing on Regulation 93: Colorado's 303(d) and M&E lists.

Part B. Background and Use Support Summary

Abandoned mine pump house on Crystal River

Part B. Background and Use Support Summary

Colorado Background

This section provides a statewide overview of Colorado's surface water and a summary of the status of water quality. Assessment information about individual basins is provided in Part D of this report. The individual segment assessments are listed in Appendices A and B: Classified Use Support Summaries for Rivers and Lakes.

In Colorado, there are over 93,000 miles of rivers and more than 270,047 acres of lakes[3]. The majority of Colorado's rivers originate in the pristine high alpine environment of the Rocky Mountains and flow downstream through the high desert or high plains regions before leaving the state. Within the interior of the Rocky Mountains are several high broad basins. In the north, on the east side of the Continental Divide is North Park. North Park is drained by the North Platte River, which flows north into Wyoming. Just south and west of the Continental Divide is Middle Park, drained by the Colorado River. South Park is the headwaters of the South Platte River. To the south lies the San Luis Valley, the headwaters of the Rio Grande, which drains into New Mexico. Across the Sangre de Cristo Range to the east of the San Luis Valley lies the Wet Mountain Valley. The Western Slope is generally drained by the Colorado River and its tributaries.

Nearly half of the state is flat in contrast to Colorado's rugged Rocky Mountains. East of the Southern Rocky Mountains are the Colorado High Plains, the section of the Great Plains within Colorado. The plains are sparsely populated with most population existing along the South Platte and Arkansas Rivers.

Numerous dams and reclamation projects on the rivers provide water for irrigation and municipal and industrial use, as well as supply hydroelectric power. The Colorado-Big Thompson and the Fryingpan-Arkansas projects are two of the largest, and divert water from the Western Slope, which has two-thirds of the state's surface water, to the Eastern Slope, where most of the population and farmland are concentrated.

There are seven major river basins in Colorado: the Arkansas, Rio Grande, San Juan, Colorado, Green, South Platte, and Republican. The largest of these basins on a national level is the Colorado River Basin, which has its headwaters in Rocky Mountain National Park, flows from Colorado through Utah and the Grand Canyon in Arizona, and ultimately completes its journey at the Gulf of California. The commission further divides these river basins into seven water quality standard regulated basins. Each of these are covered in more detail in the section "Use Support By Basin" later in this report.

More than 6,000 miles of streams and over 2,000 lakes and reservoirs offer fishing opportunities for 35 species of fish.

[3] Calculations are based on Colorado's GIS data version of the National Hydrography Dataset at 1:100,000 resolution.

Colorado Atlas Information

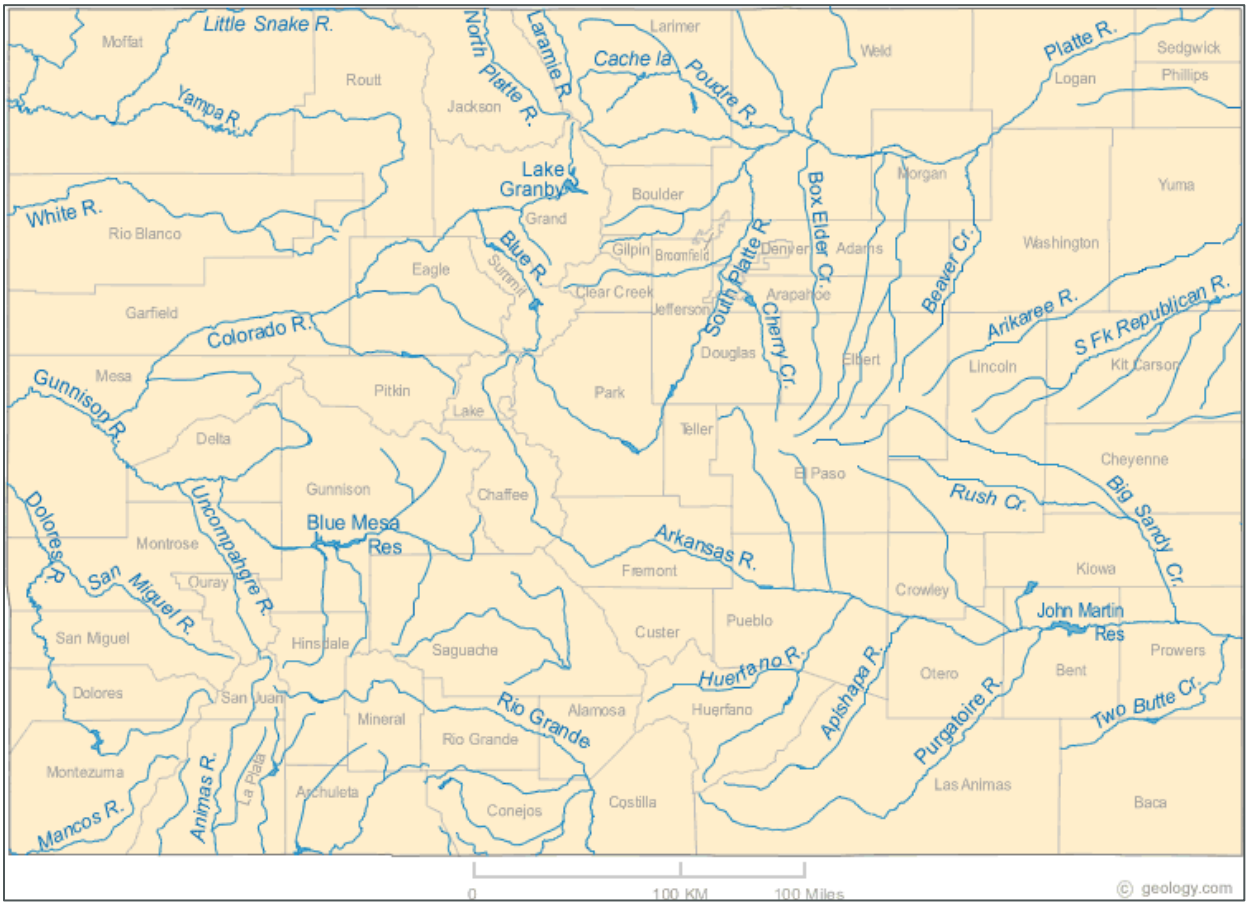


FIGURE 5: MAP FROM WWW.GEOLOGY.COM SHOWS THE MAJOR STREAMS AND RIVERS OF COLORADO. COLORADO HAS A TOTAL OF 104,100 SQUARE MILES OF SURFACE AREA, WITH ONLY 371 OF THOSE SQUARE MILES COVERED BY WATER.

Colorado Use Support Summary

The State of Colorado has adopted five different categories of classified waterbody uses: aquatic life, water supply, recreation, wetlands and agriculture.

Table 5, Summary of Classified Uses, breaks down the number of stream miles and lake acres in the state that have been assigned each of these classified uses. Many segments support multiple uses.

TABLE 5: SUMMARY OF CLASSIFIED USES.

Classified Use	Rivers and streams (miles)	Lakes and reservoirs (acres)
Agriculture	93,073	270,192
Aquatic life cold 1	37,504	119,439
Aquatic life cold 2	7,544	1,698
Aquatic life warm 1	5,957	93,080
Aquatic life warm 2	42,094	55,985
Domestic water supply	67,031	248,896
Recreation, primary contact (Classes E and P)	71,574	260,196
Recreation, secondary contact (Classes U and N)	21,524	10,005

Summary of Waterbodies Meeting Classified Uses

The CWA at Section 101(a)(2) requires that all waters be suitable for the protection and propagation of fish, shellfish and wildlife and for recreation in and on the water unless it is demonstrated that the use is not attainable. Classified use classifications are assigned to waterbodies based upon the actual uses occurring in the waterbody. Water quality standards are in place to ensure that the waterbody is attaining the classified uses assigned. The following tables summarize the number of assessed stream miles and lake acres that have been assessed which do or do not support their assigned classified uses.

Colorado residents and visitors enjoy water year round - from skiing and ice fishing in the winter to rafting and paddle boarding in the summer.

TABLE 6: ATTAINMENT OF CLASSIFIED USES AS ESTIMATED MILES OF RIVERS AND STREAMS

Classified Use	Fully Supporting	Not Supporting	Insufficient Data	Not Assessed
Agriculture	84,719	1,257	0	7,308
Aquatic life cold 1	25,967	4,059	2,947	4,530
Aquatic life cold 2	4,963	594	751	1,236
Aquatic life warm 1	2,821	2,216	579	343
Aquatic life warm 2	33,028	3,621	521	4,021
Domestic water supply	41,906	8,000	12,405	6,526
Primary recreation	45,207	14,658	5,378	6,332
Secondary recreation	9,552	589	9,593	1,789

TABLE 7: ATTAINMENT OF CLASSIFIED USES AS ESTIMATED ACRES OF LAKE AND RESEROIRS

Classified Use	Fully Supporting	Not Supporting	Insufficient Data	Not Assessed
Agriculture	155,046	0	0	114,993
Aquatic life cold 1	50,695	16,917	4,940	46,885
Aquatic life cold 2	71	448	0	1,178
Aquatic life warm 1	24,882	38,395	4,054	25,596
Aquatic life warm 2	13,205	4,534	64	38,182
Domestic water supply	118,454	6,162	6,598	117,528
Primary recreation	38,437	51	0	221,555
Secondary recreation	142	0	0	9,863

Detailed Summaries of Waterbodies Meeting Classified Uses

Beginning with the 2010 305(b) Report, the use support summaries for the various classified uses are reported in graphic detail. The following graphs are the result of the monitoring and assessments efforts for 2016.

FOR RIVERS AND STREAMS:

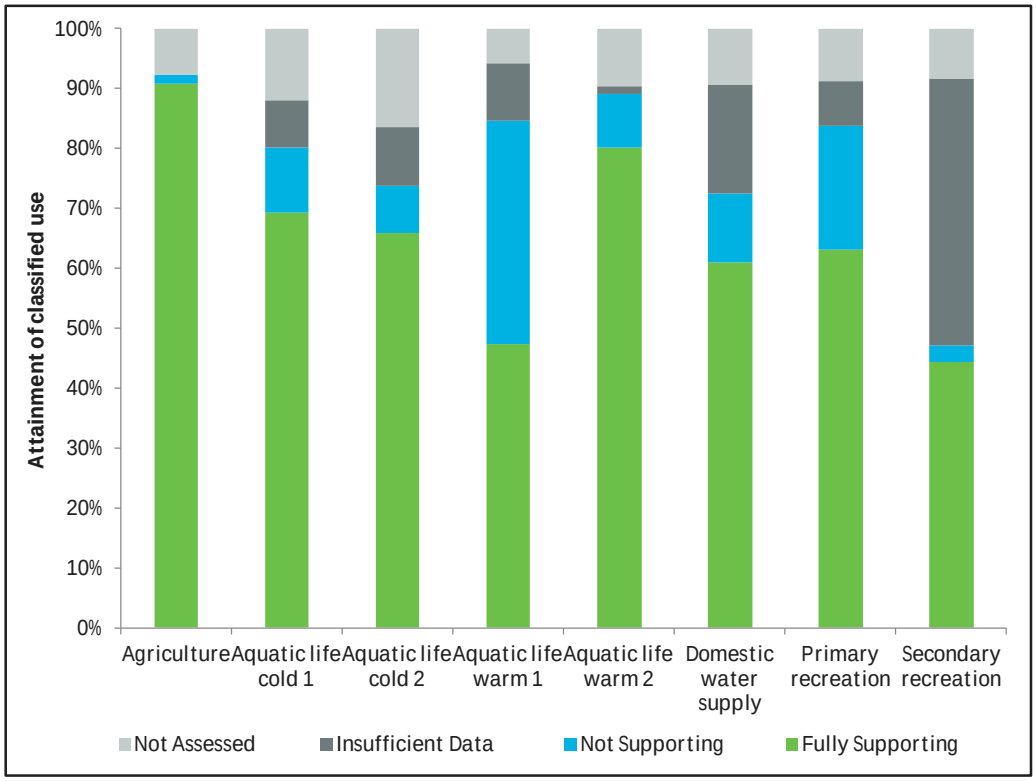


FIGURE 6: ATTAINMENT OF CLASSIFIED USES FOR COLORADO'S RIVERS AND STREAMS.

FOR LAKES AND RESERVOIRS:

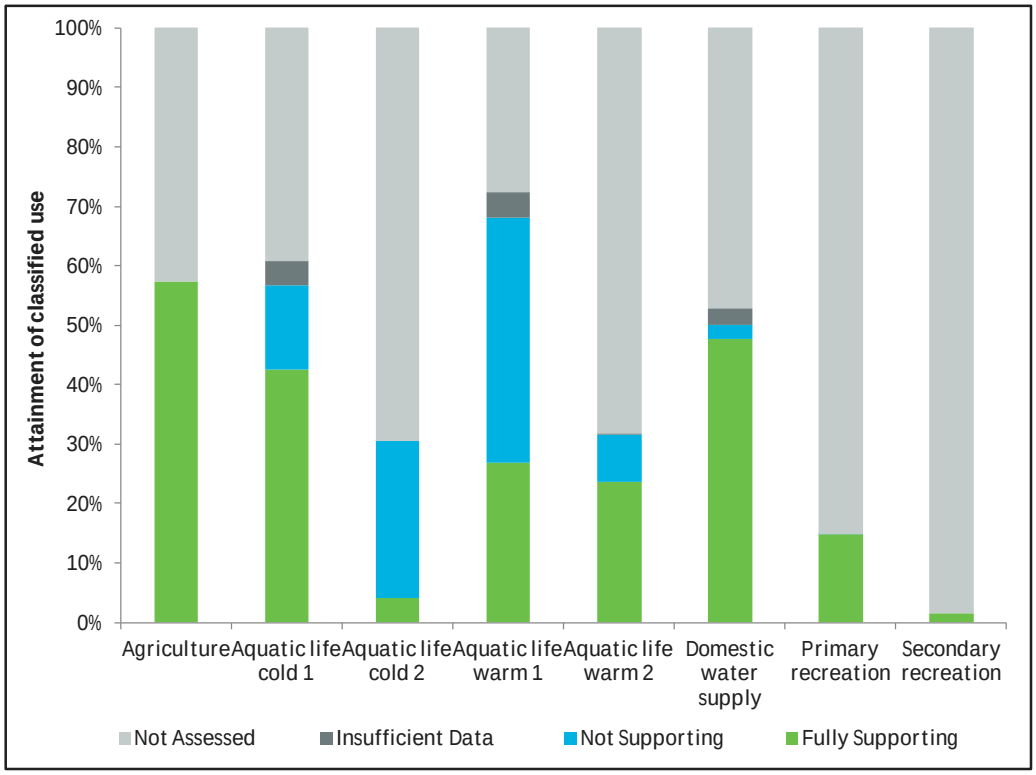


FIGURE 7: ATTAINMENT OF CLASSIFIED USES AS ESTIMATED ACRES OF LAKES AND RESERVOIRS.

CAUSES AND SOURCES AFFECTING USE ATTAINABILITY

In Colorado, when a narrative or numeric standard is exceeded, the associated use is determined to be in non-attainment and the cause and source affecting the waterbody is determined. The cause is the pollutant that contributes to the non-attainment. For example, if the aquatic life standard for zinc is exceeded, then the aquatic life use would be in non-attainment and the cause would be zinc.

The three largest causes affecting waterbodies not fully supporting classified uses are arsenic, selenium and copper. Aquatic Life use is the second largest impairment on 303(d) List based on the number of segments but typically the cause of impairment is unknown. Aquatic Life use impairment with unknown cause is determined based on evaluation of macroinvertebrate communities. Figure 8 summarizes the number of causes contributing to non-attainment of uses for Colorado's assessed waters. Table 8 summarizes the size of impairments for each cause.

Colorado is revising its strategy for source identification in waters not attaining applicable standards as historically there has not been a consistent approach for source identification. Majority of

segments listed in the 2012 Integrated Report had unknown sources associated with them. The few segments with defined sources in 2012 report were the result of old database entries where the origin of source information is questionable. Therefore, in this cycle, all segments got unknown sources assigned to them until the state goes through the source-identification efforts under a new strategy. The source identification strategy, at the minimum, will focus on defining whether the sources are point source or nonpoint source in nature. In addition, nonpoint source category will be broken down into subcategories such as agriculture-related, mining-related, and others.

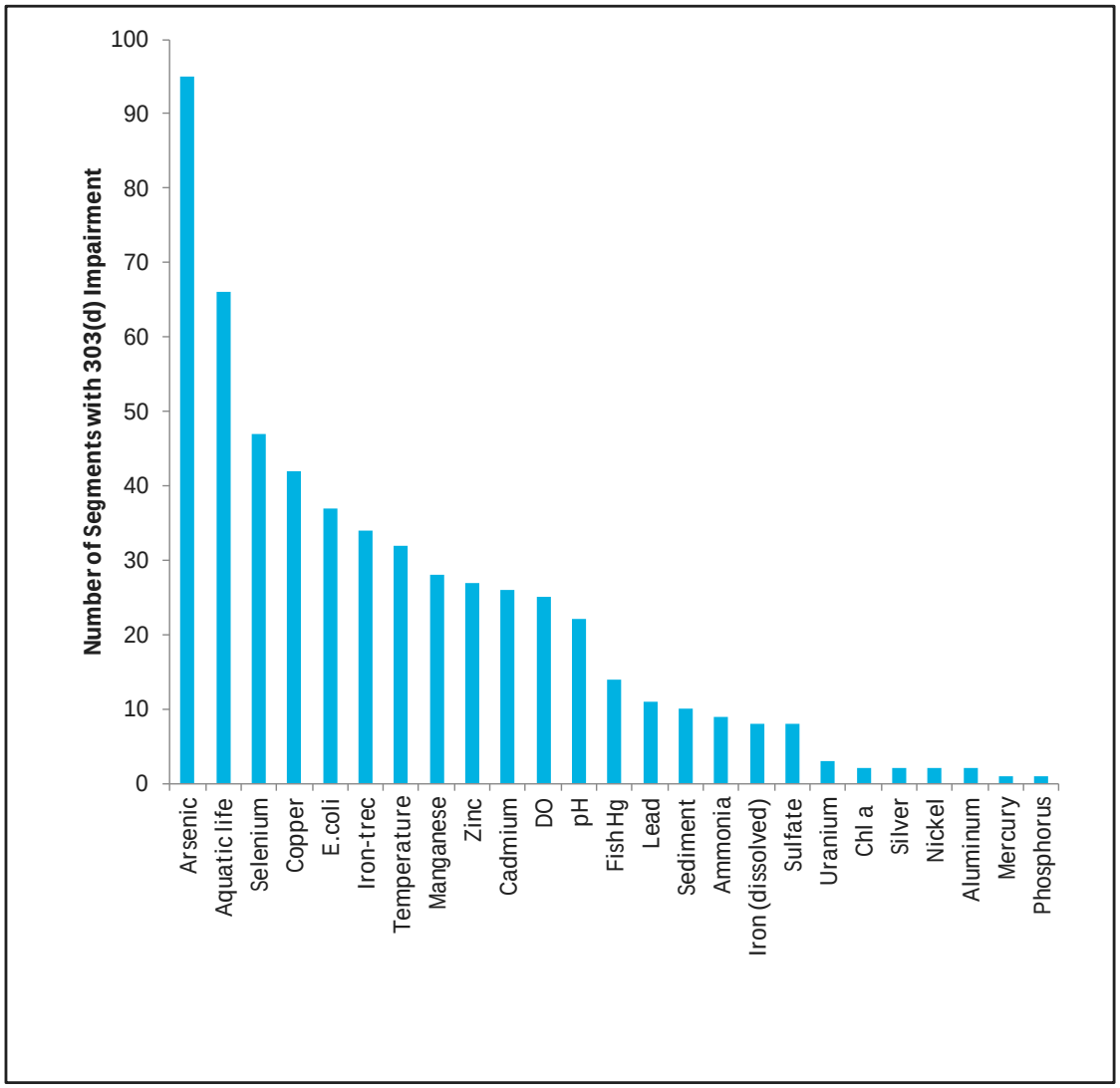


FIGURE 8: CAUSES CONTRIBUTING TO NONATTAINMENT OF USES FOR COLORADO'S ASSESSED WATERS.

Primarily due to changes in the assessment methods, Colorado's top cause of non-attainment changed from selenium in 2012 to arsenic in 2016.

TABLE 8: SUMMARY OF CAUSES AFFECTING WATERBODIES WHICH ARE NOT SUPPORTING CLASSIFIED USES.

Cause Category	Cause	Affected rivers and streams (miles)	Affected lakes and reservoirs (acres)
Physical	dissolved oxygen	111	11,418
	pH	353	7,705
	sediment	507	0
	temperature	1,237	0
Biological	*E. coli*	1,902	0
	chlorophyll-*a*	0	974
	fish mercury	0	18,776
	aquatic life (macroinvertebrates)	1,939	0
Inorganics	ammonia	88	3,238
	nitrate	67	0
	nitrite	0	0
	phosphorus	0	117
	sulfate	314	0
Metals	aluminum	80	0
	copper	1,399	1,027
	cadmium	753	0
	iron (dissolved)	145	290
	iron (total recoverable)	1,301	702
	lead	387	138
	manganese	1,080	290
	mercury	10	0
	nickel	3	0
	silver	101	0
	uranium	379	0
	zinc	829	0
Other elements	selenium	4,874	32,298
	arsenic	5,830	5,836

Support for Classified Use Tables

This section gives an explanation for the Classified Use Support Tables included in Appendix A and Appendix B of this report. The tables in the appendices display assessment conclusions for individual stream and lake segments. The following table provides an explanation of the Waterbody Identification System used in Colorado. The basins are separated by Regulation Numbers. The Classified Use Table lists the assessments according to this system.

Canoe on Lake Irwin.

Table 9: The key to Colorado water bodies identification codes (WBIDs), Where characters 1-2 = CO (Colorado) and characters 7-9 = specific segments.

Regulation Number	Letters 3-4 = major river basin		Letters 5-6 = minor river basin	
32	AR	Arkansas River	UA	Upper Arkansas River
			MA	Middle Arkansas River
			FO	Fountain Creek
			LA	Lower Arkansas River
			CI	Cimarron River
33	UC	Upper Colorado and North Platte Rivers	UC	Upper Colorado River
			BL	Blue River
			EA	Eagle River
			RF	Roaring Fork River
			NP	North Platte River
			YA	Yampa River Basin
34	SJ	San Juan and (Upper) Dolores Rivers	SJ	San Juan River
			PI	Piedra River
			PN	Los Pinos River
			AF	Animas and Florida Rivers
			LP	La Plata River, Mancos River, McElmo Creek, and San Juan River in Montezuma and Dolores counties
			DO	(Upper) Dolores River
35	GU	Gunnison and Lower Dolores Rivers	UG	Upper Gunnison River
			NF	North Fork of the Gunnison River
			UN	Uncompahgre River
			LG	Lower Gunnison River
			SM	San Miguel River
			LD	Lower Dolores River
36	RG	Rio Grande	RG	Rio Grande
			AL	Alamosa River, La Jara Creek, and Conejos Creek
			CB	Closed Basin and San Luis Valley
37	LC	Lower Colorado River	LY	Lower Yampa River
			WH	White River
			LC	Lower Colorado River
38	SP	South Platte River	US	Upper South Platte River
			CH	Cherry Creek
			BE	Bear Creek
			CL	Clear Creek
			BD	Big Dry
			BO	Boulder Creek
			SV	St. Vrain Creek
			MS	Middle South Platte River
			BT	Big Thompson Rver
			CP	Cache la Poudre River
			LA	Laramie River
			LS	Lower South Platte River
			RE	Republican River

In Colorado, the majority of waterbodies fall into IR Categories 1, 2 and 3b. In some cases, a complete assessment of all uses cannot be completed due to the lack of data, but the data that is available indicates that at least some of the uses that were assessed are fully supporting. An example would be instances where an aquatic life assessment has been completed, but analytical results to assess water supply uses were not available. These segments would fall into Category 2. Colorado places segments that lack topical and conclusive evidence regarding attainment of standards on the M&E list, which falls into Colorado's subcategory 3b. IR Category 3a includes those waterbodies that have not been assessed or for which no data exists during the current 305(b) assessment cycle. Segments for which an EPA approved TMDL has been completed are placed in IR Category 4a. In some cases, segments that previously were classified as IR Category 4a, have been re-assessed and placed in Category 1, as they are now are in attainment of all classified uses. Category 4b includes segments where water is impaired but a TMDL is not needed because other mechanisms are expected to result in the attainment of water quality standards in a reasonable period of time. Regulation #93, Section 303(d) List of impaired waters is included in Appendix D. The 303(d) List tabulates all segments that require a TMDL and are classified as IR Category 5.

At 955 ft. above the Arkansas River, the Royal Gorge bridge, near Cañon City, is the highest bridge in the US.

TABLE 10: COMPARISON OF EPA IR CATEGORIES TO COLORADO 303(D) LISTINGS.

EPA		Colorado	
Category	**Description**	**Category**	**Description**
1	All classified uses are supported, no use is threatened.	1	Fully supporting for all uses. All uses have been assessed and all uses are fully supporting the classified uses.
2	Available data and/or information indicate that some, but not all of the classified uses are supported.	2	Some uses have been assessed and all uses assessed are fully supporting the classified uses. Other uses have not been assessed.
3	There is insufficient available data and/or information to make a use support determination.	3a	Not assessed for any uses. Segments where no water quality data has been collected and assessed are also placed in Category 3a.
		3b	Segments where some data is available that indicates that there may be an impairment but there is not enough data to put it on the 303(d) List. Included on M&E List.
4a	A TMDL to address a specific segment/pollutant combination has been approved or established by EPA.	4a	TMDL completed. May be supporting or not assessed and waiting for future monitoring to determine use support.
4b	A use impairment caused by a pollutant is being addressed by the State through other pollution control requirements.	4b	Water is impaired but a TMDL is not needed because other mechanisms are expected to result in the attainment of Water Quality Standards in a reasonable period of time.
4c	A use is impaired, but the impairment is not caused by a pollutant.	4c	A use is impaired, but the impairment is not caused by a pollutant.
5	Available data and/or information indicate that at least one classified use is not being supported or is threatened, and a TMDL is needed.	5	Placed on Colorado's 303(d) List. No TMDL has been completed.
5-ALT	Available data and/or information indicate that at least one classified use is not being supported or is threatened. The segment has an alternative restoration approach in place. TMDL is still needed if the alternative approach doesn't result in achieving water quality standards.		

Part C. Water Pollution Control Programs

Strawberry Hot Springs Park in Steamboat Springs.

Part C. Water Pollution Control Programs

This section provides an overview of the division's water quality assessment and pollution control programs, and directs the reader to other documents where more information can be found.

The Water Quality Control Division

The division is the primary agency responsible for maintaining, restoring and improving the quality of Colorado's waters, and for ensuring that safe drinking water is provided to the public from public water systems. The division is organized into three programs: The Clean Water Program, the Safe Drinking Water Program and the Administration Program. The Clean Water Program consists of the Watershed Section and the Permits Section. The Watershed Section consists of three units and one workgroup: Environmental Data Unit, Standards Unit, Restoration and Protection Unit and the Groundwater and Special Projects Workgroup. The Permits Section consists of three units that issue permits for point source discharges to surface water and groundwater and two units for compliance and enforcement in the state: the Clean Water Compliance and Clean Water Enforcement Units. The Safe Drinking Water Program consists of a Drinking Water Compliance Assurance Section, a Field Services Section and an Engineering Section. The Administration Program includes the Business Services Unit, the Fiscal Services Unit and the Community Development and Partnership Section.

Water Quality Monitoring, Assessment and Reporting

A discussion of the division's water quality monitoring assessment and reporting can be found in Chapter II of the *A Guide to Colorado Water Programs for Water Quality Management and Drinking Water*[4]. Division's activities in the last two years are summarized in the Annual Reports to the commission.

Monitoring Initiatives 2012 – 2015

The division conducts monitoring at a number of streams, reservoirs, and lakes around the state to determine their trophic status, develop TMDLs, and support changes to standards and classifications during triennial reviews. The division's surface water monitoring activities for SFY 2012-2015 were grouped into four general types: (1) routine sampling; (2) special studies; (3) lake and reservoir monitoring; and (4) aquatic life and habitat studies. The majority of the division's sampling efforts were devoted to the collection of water chemistry samples from the four major river basins across the state with an emphasis on the Upper and Lower Colorado River basins in SFY 2012, South Platte River basin in SFY 2013, and The San Juan and Gunnison River basins in SFY 2015. River and stream sites in these basins are sampled for the purposes of reviewing and developing standards for triennial water quality standards reviews, water quality assessments, developing TMDLs, CWA Section 303(d) listing determinations, and for reporting trends and water quality status in this IR (Colorado's Section 305(b) Report).

[4] Policy 98-2. 2013. A Guide to *Colorado Water Programs for Water Quality Management and Drinking Water* https://www.colorado.gov/pacific/sites/default/files/A-Guide-To-Colorado-Programs.pdf

Division staff collecting water quality data from Halfmoon Creek.

Routine Sampling

The division uses a rotating basin approach for primary stream monitoring. All major basins are sampled on a five-year cycle that matches the commission's schedule for triennial reviews of basin standards and classifications. For the purposes of conducting the triennial reviews, the state has been divided into four major river basins. Each of the four major river basins is sampled intensively once every five years. This allows the division to concentrate its limited resources in one basin in order to provide a complete set of data in preparation for the triennial review scheduled for that basin. In every fifth year of the cycle, Regulation No. 31 (Basic Standards and Methodologies for Surface Water) is reviewed by the commission and there is no need to intensively sample one of the major basins. For that year, sampling is more evenly allocated among the long-term trend sites in the four basins, special studies are conducted, specific data gaps may be filled, and other data needs met.

The number of sites and the number of times each site is sampled each year is controlled by the division's monitoring budget for laboratory analyses. The budget for SFY 2012 was $400,000; SFY 2013 was $350,000; SFY 2014 was $531,295; and SFY 2015 was $515,823. The samples collected are analyzed by the Colorado Department of Public Health and Environment's Laboratory Services Division. Depending upon the amount of data sought for a particular site and the accessibility of the

site, sites are visited on a regular schedule (i.e. monthly, bimonthly, or when weather and road conditions allow access).

In SFY 2012, routine water chemistry samples were collected from a network of 290 sampling sites located across the state. The Upper and Lower Colorado basins were the focus of SFY 2012. The division allocated 13 percent of the sampling in the South Platte River Basin, 75 percent in the Colorado River Basin, four percent in the Arkansas and Rio Grande River Basins and eight percent in the San Juan and Gunnison River Basins. This sampling resulted in the collection of 973 sample sets.

In SFY 2013, routine water chemistry samples were collected from a network of 271 sampling sites located across the state. The South Platte River basin was the focus in SFY 2013. The division concentrated 56 percent of the sampling in the South Platte River Basin, 21 percent in the Colorado River Basin, 15 percent in the Arkansas and Rio Grande Basins, and eight percent located in the San Juan and Gunnison River Basins. This sampling resulted in the collection of 944 sample sets.

In SFY 2014, routine water chemistry samples were collected from a network of 306 sampling sites located across the state. There was no basin of focus in SFY 2014. The division concentrated 17 percent of the sampling in the South Platte River Basin, 39 percent in the Colorado River Basin, 35 percent in the Arkansas and Rio Grande Basins, and nine percent located in the San Juan and Gunnison River Basins. This sampling resulted in the collection of 1097 sample sets.

In SFY 2015, routine water chemistry samples were collected from a network of 388 sampling sites located across the state. The San Juan and Gunnison River Basins were the focus in SFY 2015. The division concentrated eight percent of the sampling in the South Platte River Basin, 15 percent in the Colorado River Basin, 19 percent in the Arkansas and Rio Grande Basins, and 58 percent located in the San Juan and Gunnison River Basins. This sampling resulted in the collection of 1203 sample sets.

In all fiscal years, samples were analyzed for a suite of constituents including metals, inorganics and nutrients. In SFY 2015, 128 *E. coli* samples were submitted for analysis to address many segments on M&E List. Field parameters such as dissolved oxygen, pH, conductance and temperature were also collected.

In the four years represented by this report, the division collected over 4,000 sample sets, collected at more than 1,200 sites. This results in more than 80,000 data points for assessment.

Special Studies

In addition to routine sampling, the division conducts a variety of special studies and monitoring efforts. Special studies include macroinvertebrate studies, fish tissue studies, temperature studies, studies to support TMDL development and to evaluate nonpoint source project work.

Division staff sorts a macroinvertebrate sample on South Colony Creek.

Macroinvertebrate studies

In 2013, 2014, and 2015, the division conducted a macroinvertebrate sampling Precision and Accuracy Study to investigate the variation of MMI scores within the same day and across months. The study included nine sites (three sites per biotype) with nine samples collected per site. A total of 81 macroinvertebrate samples were collected over three summers.

In 2013 and 2014, the division conducted a tailwater study on four different waterbodies to investigate at which river mile the macroinvertebrate community tends to recover from the effects of an impoundment.

In 2013, the division initiated an ongoing project to directly investigate nitrogen and phosphorus limitation in Colorado's rivers and streams. Using nutrient diffusing substrates, this study investigates the functional response of periphytic algal communities to nutrient limitation. While other micronutrients may limit periphyton, this study focuses on evaluation of phosphorus and nitrogen and the response of the algal community to nutrient enrichment. To date, nutrient diffusing substrates, water chemistry and macroinvertebrate data have been collected at 36 sites in the North Platte, Yampa, Eagle, Roaring Fork, Gunnison, San Juan and San Miguel River Basins.

Fish Tissue Sampling

Fish collected from 74 lake and river sites across Colorado were sampled and tested for the presence of mercury from July 1, 2011 through June 30, 2015 (SFY2012 - SFY2015). This effort resulted in 1,787 composite tissue samples for analysis by the Colorado Department of Public Health and Environment's Laboratory Services Division. Of the waterbodies tested in SFY2012 through SFY2015, four new 303(d) listings were warranted. As of July 1, 2015, there are a total of 23 impaired waters due to fish tissue mercury. Additionally, arsenic was examined in fish tissue from 21 waterbodies, but the division has deferred the issuance of consumption advisories based on arsenic tissue levels due to uncertainty in the arsenic threshold as evidenced by the ongoing reassessment of arsenic-related health risks by EPA.

Selenium was also examined in fish tissue from 39 waterbodies. Selenium levels were monitored in muscle tissue and, more recently, in egg and ovary tissue as well. In 2014, the division also began to determine percent moisture in tissues monitored for selenium. These recent modifications to selenium analysis will allow the division to compare tissue levels to the EPA's anticipated revised selenium criteria. The division will develop updated fish tissue thresholds for arsenic and selenium once revised risk assessment and criteria are issued by EPA.

Muscle tissue has been collected from these brown trout for selenium analysis.

TMDL sampling

The TMDL workgroup collaborated with the Nonpoint Source workgroup and Colorado State University to evaluate mercury sources fate and transport for select impaired waterbodies. This special study was conducted from SFY 2012 - 2014 and included collection of inflow, outflow, water column and sediment samples from Elkhead and Horsetooth Reservoirs, as well as air deposition samples in the vicinity of these two reservoirs. The information acquired will be used to facilitate statewide TMDL development for waterbodies impacted by mercury.

Nonpoint Source sampling

From SFY 2012 through 2014, the nonpoint source workgroup funded special studies to evaluate the effectiveness of six nonpoint source implementation projects. The implementation projects evaluated restored river and riparian habitat and constructed nonpoint source control measures at abandoned mine lands. The special studies empirically demonstrated the effectiveness of the implementation projects and provided nonpoint source pollutant load reduction information which was reported to EPA.

Temperature sampling

In SFY 2012 to SFY 2015, stream temperature data was collected from 43 monitoring sites located throughout the state. The temperature monitoring program focused 40 percent of the monitoring efforts in the San Juan and Gunnison River Basins, 37 percent in the Arkansas and Rio Grande Basins, and 10 percent in the Colorado River Basin.

Aquatic Life and Habitat Studies

In SFY 2012, the division collected macroinvertebrate and habitat samples at 40 sites across the state, primarily within the Upper and Lower Colorado River basins. At each of the habitat sites, water quality samples were taken and analyzed for a specific suite of chemical constituents. These data, plus habitat scores, periphyton samples, and occasionally substrate measurements, will be used in assessment of aquatic life use and 303(d) or M&E listing decisions.

The aquatic life studies included targeted sampling of 303(d) and M&E listed stream segments in the White River (Piceance area) and Upper South Platte basins, trend sites, reference site revisits, and segments with high potential for aquatic life use upgrades. The division also continued a pilot project where 20 macroinvertebrate samples were collected simultaneously with water chemistry samples in support of the aforementioned studies.

In SFY 2012, the division worked collaboratively with the Roaring Fork Conservancy to collect and analyze macroinvertebrate data at 15 sites in the Roaring Fork River watershed. The division also provided necessary sampling equipment for the Bear Creek Watershed Association to continue sampling macroinvertebrates at eight sentinel monitoring stations along Bear Creek, and sampling equipment and training to Grand County Water Information Network staff to collect macroinvertebrates at eight monitoring stations in the Fraser River basin below Winter Park and Upper Colorado River's mainstem below Windy Gap Reservoir.

Division staff collects pebble counts on Muddy Creek.

In SFY 2013, the division collected macroinvertebrate and habitat samples at 43 sites across the state, primarily within the Colorado River and Upper Gunnison basins. The aquatic life studies included targeted sampling of 303(d) and M&E listed stream segments across multiple basins, trend sites and reference site, and segments with high potential for aquatic life use upgrades. Special studies were conducted, which included two tailwater studies, one transbasin diversion study, and a macroinvertebrate sampling Precision and Accuracy study at three Biotype 1 sites. The division also continued a pilot project where Water Quality Technicians would collect 20 macroinvertebrate samples simultaneously with water chemistry samples in support of the aforementioned studies.

In SFY 2013, the division worked collaboratively with the Bear Creek Watershed Association to continue sampling macroinvertebrates at eight sentinel monitoring stations along Bear Creek.

In SFY 2014, the division collected macroinvertebrate and habitat samples at 27 sites across the state, primarily within the South Platte basin. The aquatic life studies included targeted sampling of 303(d) and M&E listed stream segments across multiple basins, segments with high potential for

aquatic life use upgrades, and several segments that required biological data for use attainability analysis. Special studies were conducted, which included two tailwater studies, a nutrient diffusion substrate study at 20 locations, and a macroinvertebrate sampling precision and accuracy study at three Biotype 2 sites. The division also continued a pilot project where water quality technicians would collect 20 macroinvertebrate samples simultaneously with water chemistry samples in support of the aforementioned studies.

In SFY 2014, the division worked collaboratively with Western State College (Gunnison, CO) to collect and analyze macroinvertebrate data at 10 sites in the Upper Gunnison River basin. The division also provided necessary sampling equipment to the Town of Carbondale Utilities to sample macroinvertebrates at three sites on the Roaring Fork River, sampling equipment to the Owl Mountain Partnership to collect and analyze macroinvertebrate data at four sites on Grizzly and Little Grizzly Creeks, sampling equipment and training to the Clear Creek Watershed Foundation to collect macroinvertebrates at eight sites on Clear Creek, and sampling equipment to the Coalition for the Upper South Platte to collect macroinvertebrates at 13 sites in the Upper South Platte basin.

In SFY 2015, the division collected macroinvertebrate and habitat samples at 22 sites across the state, primarily within the Colorado River and Upper Gunnison basins. The aquatic life studies included targeted sampling of 303(d) and M&E listed stream segments across multiple basins, trend sites, candidate reference site visits, and segments with high potential for aquatic life use upgrades. Special studies were conducted, which included a high alpine study in the Zirkel Wilderness area, a nutrient diffusion substrate study at 20 locations, and a macroinvertebrate sampling precision and accuracy study at three Biotype 3 sites. The division also continued a pilot project where water quality technicians would collect 20 macroinvertebrate samples simultaneously with water chemistry samples in support of the aforementioned studies.

In SFY 2015, the division worked collaboratively with the Town of Carbondale Utilities to sample macroinvertebrates at three sites on the Roaring Fork River and the Owl Mountain Partnership to collect and analyze macroinvertebrate data at four sites on the Illinois River.

There are over 1,600 individual species, genera and/or lifestages of macroinvertebrates in Colorado's macroinvertebrate database.

Lake and Reservoir Monitoring

The division conducted lake and reservoir sampling in the Upper and Lower Colorado basins during the summer of 2011. Seven lakes in these basins were sampled three times each, once each month of the growing season (July, August and September). An additional four lakes in the Gunnison basin were sampled one time each in late August and early September. These lakes were on the M&E List and were sampled in order to further investigate potential impairments. Lastly, eight lakes from the Rawah Wilderness in the South Platte basin were sampled as a part of a special high alpine lakes study.

At each lake, depth profiles of dissolved oxygen, pH, conductivity, and temperature were collected at one-meter intervals. Water quality samples were taken from the top two meters from the surface and one to three meters above the bottom. Samples were analyzed for a suite of chemical parameters including nutrients, metals and inorganics. In addition, the surface sample was analyzed for the chlorophyll-*a* content as a measure of trophic status and for the phytoplankton population to determine the algal species composition.

The division continued its lake and reservoir sampling in SFY 2013. The division visited 19 lakes and reservoirs during the algal growing season from June through September. Ten of the sites were located in the South Platte basin and were visited three times each. The remaining nine lakes sampled were located in the Flattops Wilderness as a part of the high alpine lakes special study and were sampled one time each.

For SFY 2014, the division focused sampling efforts on lakes and reservoirs that were on the M&E List. Seven lakes in the Upper Colorado basin were sampled to investigate potential impairment issues related to pH and chlorophyll-*a*. The division visited these lakes three times each during the algal growing season from June through September.

The division continued its routine lake and reservoir sampling in SFY 2015. The San Juan and Gunnison Basins were the focus of lake sampling efforts in SFY 2015 (summer of 2014). Six lakes in these basins were sampled three times each, once each month of the growing season (July, August and September). An additional 22 lakes in the Arkansas and Rio Grande basins were sampled one time each in late August and early September. The data from Arkansas and Rio Grande basins helped determine which lakes to focus on for sampling in SFY 2016.

Augmented Monitoring Funds

To upgrade state monitoring efforts and encourage implementation of the Monitoring and Assessment Strategies for states, EPA makes funds available through the CWA Section 106 Monitoring and Initiative Grant program for monitoring purposes.

Colorado has advanced the monitoring and assessment program in many ways through the monitoring and initiative grant program. These include expanded monitoring of areas previously not sampled as well as expanded monitoring to assess new methodologies to determine the health of Colorado's waters. Twenty-five percent of waters in Colorado are located in high alpine, roadless areas in remote locations and the status of water quality is relatively unknown. Through this grant, Colorado has been able to conduct sampling in lakes and streams in high elevations that have never been sampled by the state. Through this grant, Colorado has also built partnerships to sample and assess wetlands and lakes in Colorado that would not have been sampled or assessed without additional resources. This includes pilot projects for a volunteer lake monitoring program and a partnership with Colorado Parks and Wildlife to sample lakes. In the last 10 years, monitoring and initiative funds have enabled Colorado to gather data to be used in assessing waters using new standards and methodologies. These include new biological thresholds to evaluate aquatic communities, as well as new standards for nutrients.

Division staff use an inflatable boat to sample a high alpine lake in the Rawah Wilderness Area.

Colorado received $340,000 of monitoring and initiative funds from federal fiscal year (FFY) 2013 for a two-part, two-year period to facilitate the implementation of enhanced monitoring plan. In the first year, these funds were used for several studies and initiatives including:

1. Additional monitoring of rivers and lakes over Colorado's routine monitoring for water chemistry sampling. This increased monitoring was used on a rotating basin approach focusing on a new basin each year. Data was used to identify the health of lakes and reservoirs and to identify impairments.
2. The high alpine lake and stream monitoring study provided an opportunity for Colorado to assess lakes and streams in roadless areas that represent approximately 25 percent of the total stream miles in Colorado. Little is known about the quality of water in these pristine areas. This study provided insight into how these areas are being affected by sustained population growth and encroaching development. High alpine lake monitoring was conducted in the Rawah Wilderness Area in September 2011 and the Flat Tops Wilderness in July 2012. High alpine stream monitoring was conducted in the James Peak Wilderness Area in July 2012 and the Zirkel Wilderness Area in July 2014.

3. The tailwater study was a pilot study to better characterize aquatic life communities below reservoirs. The study started in 2012 and was completed in 2013 at three tailwater candidates.
4. A nutrients study is examining nutrient limitation in watersheds throughout Colorado. This study utilizes nutrient diffusing substrates to evaluate algal growth as a response to varying nutrient conditions in rivers and streams. Specifically, data collected from this study will determine nutrient limitation under low level, reference nutrient concentrations and how this changes with nutrient enrichment in downstream waters. The study will also provide data regarding the impact of point sources on nutrient limitation and algal growth in Colorado's flowing waterbodies. Chlorophyll-*a* samples were analyzed at Colorado University Center for Limnology in the summers of 2013 and 2014.
5. A selenium fish tissue study was conducted to analyze selenium concentrations in both muscle tissue and ovaries from fish from Colorado lakes, reservoirs and streams to develop a relationship between the two tissue types. Sample collection occurred through a partnership with Colorado Parks and Wildlife. Fish muscle and ovary samples were analyzed at the Colorado State Lab in 2013 and 2014.

Additionally, portions of those FFY 2013 funds supported a state-scale probabilistic survey of water quality to supplement the National Rivers and Stream Study. This work was completed in 2013 and increased analyses to reach the 50 streams needed for a state-scale statistical study.

In the second year, these funds were used for several studies and initiatives including:

1. Additional monitoring of lakes through a partnership with Colorado Parks and Wildlife. This partnership provided support for the analysis of water quality samples from over 100 lakes across Colorado. Data from the partnership is to be used to identify priority lakes and reservoirs vulnerable to invasive species introductions. Data is also used to screen lakes for water quality issues that may need further investigation. Work was completed in summer 2014.
2. A low level mercury study was conducted to measure low level mercury in "reviewable" streams to support permit development. Two synoptic studies were conducted in 2014.
3. A study to compare macroinvertebrate sampling methods (Hess vs. Kicknet) was conducted in 2014. This project was initiated to verify that Hess sampling methods are comparable to the division's kicknet method for assessment of aquatic life.
4. Increased data management capabilities including the development of a standards database. This project will streamline the assessment process as standards and uses are more readily available and can be placed into the assessment tool through automation.

Colorado received $160,000 of the Monitoring and Initiative funds from FFY 2014 for a two-year period to facilitate the implementation of an enhanced monitoring plan. The division is currently utilizing these funds for additional monitoring of rivers and lakes, enhanced nutrient sampling, investigating candidate reference sites, and refinement of multi-metric indices in order to update biological thresholds.

Some tasks are completed at the time of this IR, while others are currently active. Tasks and activities identified in the FFY 2014 Colorado 106 Monitoring and Initiative Grant are planned to be completed by June 30, 2016 and will be reported out in the 2018 IR.

Cooperative Monitoring Activities

To ensure that the maximum amount of relevant data is assessed each year, the division issues a "call for data" to numerous cooperators, including federal and state entities, water quality management agencies, dischargers, and watershed groups, as well as River Watch and nonpoint source management sponsors. Through this mechanism, the division accumulates a considerable amount of data beyond what it can directly sample and analyze.

Several years ago, the division partnered with other state agencies and several other entities interested in water quality to create the Colorado Water Quality Monitoring Council. The council is dedicated to facilitate the coordination of water quality monitoring efforts and the seamless data sharing among interested parties in Colorado. In order to fulfill this mission, the council created the Colorado Data Sharing Network (CDSN), which comprises a statewide, web-based water quality database and an interactive map. The system provides data collectors with the ability to share and upload water quality data through a template on the Internet. These data can also be accessed by the public. One feature of the interactive map is that it can be used to zoom into a particular watershed and click on a monitoring site (dots on the map) to find out who is monitoring at that site and for what parameters. The data that is uploaded must comply with the Storage and Retrieval Data Warehouse (EPA national database) requirements so that it is in a standard format that is usable by EPA and the division.

The division, via the Nonpoint Source program and CWA Section 319 funds, supported the creation of the council and of the CDSN. Subsequent works such as development of training materials, user training and outreach has also been accomplished in partnership with the Nonpoint Source

Division staff collects water quality data from the inlet canal at Lake Meredith.

program. The program has been heavily involved with the council and with the CDSN because all nonpoint source projects funded with CWA Section 319 funds are required to upload project water quality data to the EPA national database. The CDSN has been instrumental in helping NPS project sponsors meet this requirement.

Nonpoint Source Monitoring Requirements

In order to meet nonpoint source funding requirements, project sponsors who received funds for the 26 on-the-ground implementation projects completed during the reporting period had to collect water quality data and/or other types of information in order to evaluate project-scale effectiveness at controlling nonpoint sources of pollution. The Nonpoint Source program relied on many types of data to help evaluate project results including aquatic macroinvertebrates population richness and diversity, indices of physical habitat integrity and water quality chemistry. The data and information collection by project sponsors was completed in collaboration with the Nonpoint Source workgroup and its measurable results program. The project-scale water quality data were uploaded to Storage and Retrieval Data Warehouse (EPA national database). These data also served as the basis for the Nonpoint Source workgroup to report load reduction information to EPA and identify success stories demonstrating improvement in water quality from the reduction of nonpoint sources which were also reported to EPA.

Water Quality Standards

Water quality standards are established by the commission and applied to state surface waters to protect the beneficial uses. These standards are the regulatory basis for limits placed on discharges as well as the thresholds used to assess the condition of waterbodies. A discussion of the water quality standards program can be found in Chapter II of the *A Guide to Colorado Water Programs for Water Quality Management and Drinking Water*[5].

The commission held many hearings to review and revise Colorado's water quality standards regulations during 2012-2015. Detailed in the following sections, these rulemaking and administrative hearings included revisions to the Basic Standards and Methodologies for Surface Water (Regulation No. 31), basin regulation reviews, site-specific issues, an annual temporary modifications hearing and hearings regarding commission policies. The normal surface water standards review schedule is presented in Table 11 below.

TABLE 11: SURFACE WATER STANDARDS REVIEW SCHEDULE

River Basins (and Regulation Number)	Issues Scoping Informational Hearing	Issues Formulation Informational Hearing	Rulemaking Hearing
Basic Standards (No. 31)	October 2014	November 2015	June 2016
Arkansas and Rio Grande (No. 32 & No. 36)	October 2011	November 2012	June 2013
Colorado Basin (No. 33 & No. 37)	October 2012	November 2013	June 2014
San Juan, Dolores and Gunnison (No. 34 & No. 35)	October 2010	November 2011	September 2012

[5] Policy 98-2. 2013. A Guide to *Colorado Water Programs for Water Quality Management and Drinking Water* https://www.colorado.gov/pacific/sites/default/files/A-Guide-To-Colorado-Programs.pdf

River Basins (and Regulation Number)	Issues Scoping Informational Hearing	Issues Formulation Informational Hearing	Rulemaking Hearing
South Platte (No. 38)	October 2013	November 2014	June 2015
Temporary Modifications (All Regulations)	-	-	Annually

Abundant aquatic plants and algae in Black Sulphur Creek.

Basic Standards

The last triennial review of Regulation No. 31 was conducted in 2010 and the Standards Unit is currently preparing for the next regularly scheduled triennial review rulemaking hearing in June 2016. During 2012-2015, two additional rulemaking hearings were conducted to address nutrients and organic chemicals, which resulted in revisions to Regulation No. 31.

Nutrients

In March of 2012, the commission adopted nutrients regulatory provisions comprising two major components: (1) scientifically-based numerical values for nutrients at levels to protect beneficial uses of Colorado waters, and (2) a new Nutrients Management Control Regulation establishing technology-based treatment requirements for many domestic (and some industrial) wastewater dischargers, provisions encouraging voluntary controls of nonpoint sources, and monitoring requirements to develop better information to refine Colorado's nutrients management efforts over time. The new rules became effective September 30, 2012. Additional information regarding Colorado's nutrient control regulation is explained below on page 40.

Organic Chemicals

In August 2010, the commission reviewed the organic chemicals standards. Revisions to existing standards were adopted for: acrylamide, carbon tetrachloride, 1,4-dioxane, hexachloroethane, nitrobenzene, pentachlorophenol, tetrachloroethylene (PCE), and 1,1,1-trichloroethane.

New standards were adopted for: acetone, bromobenzene, chlordecone, 1,2-dibromoethane, dichloromethane, ethylene glycol monobutyl ether (EGBE) (2-Butoxyethanol), 2-hexanone, perchlorate, 2,3,7,8-tetrachlorodibenzo-p-dioxin, trichloroacetic acid, and 1,2,3-trichloropropane.

Basin Regulation Reviews

From 2012-2015, the basin regulations were reviewed for all major basins in Colorado. The San Juan River and Gunnison River basins were reviewed in 2012. The Arkansas River and Rio Grande basins

were reviewed in 2013. The Colorado River basin was reviewed in 2014 and the South Platte River basin was reviewed in 2015. All uses and standards were reviewed through public rulemaking hearing and statewide criteria were adopted into these basin regulations.

In June 2010, the commission reviewed the Basic Standards and Methodologies for Surface Water (Regulation No. 31), and the adopted revisions were implemented in each basin-wide review. The basic standards issues addressed in these basin hearings were:

- Changes to the temporary modifications provisions.
- Adoption of Discharger Specific Variance provisions.
- Revisions to the antidegradation policy.
- Clarification of application of dissolved oxygen standards in lakes.
- Temperature criteria revisions.
- Establishment of an averaging period for *E. coli.*
- Point of water supply intake implementation.
- Revisions to table values for metals.
- Nonylphenol.

Site-Specific Issues

In addition to implementing these statewide issues, a number of site-specific issues were addressed, including topics such as biotic ligand-based site-specific copper standards and various ambient based site-specific standards.

One particular action by the commission resulted in a notable, first in Colorado, adoption of a discharger specific variance. Discharger specific variance's allow a temporary water quality standard to be adopted in cases where water quality-based effluent limits are not feasible to achieve. Such an action maintains the long-term water quality goal of fully protecting all designated uses, while temporarily authorizing an alternative effluent limit to be developed for a specific pollutant and specific point source discharge where compliance with the WQBEL is not feasible.

In March 2011, the commission adopted a discharger specific variance for Animas and Florida Rivers, Segment 13b (San Juan Basin) for ammonia that represents the highest degree of protection of the classified use that is feasible for Durango West Metro District. Durango West committed to implement upgrades, continue its maintenance program and provide information in a future report regarding whether there are any downstream domestic water supply wells that are impacted by the discharge.

Temporary Modifications

An annual temporary modifications hearing is held each December to review temporary modifications that are set to expire within the next two years.

In May 2013, the commission adopted widespread temporary modifications for the water and fish chronic arsenic standard given uncertainty regarding the technologically feasible level for arsenic and the ongoing efforts by EPA to review and update the Integrated Risk Information System information for arsenic. The division will revisit the arsenic issue upon completion of EPA's toxicological review.

Water Quality Control Commission Policies

During 2012-2015, a number of commission policies were created or revised. The commission policy review schedule is presented in Table 12 below.

TABLE 12: WATER QUALITY CONTROL COMMISSION POLICY REVIEW SCHEDULE

No.	Policy Name	Action	Adoption Date	Expiration Date
13-1	Interim Guidance for Implementation of Discharger Specific Variances Provisions	Created	10/7/2013	12/31/2016
06-1	Temperature Criteria Methodology	Revised	8/8/2011	06/30/2017
10-1	Aquatic Life Use Attainment: Methodology to Determine Use Attainment for Rivers and Streams	No Action	10/31/2010	10/31/2016
98-1	Guidance for Implementation: Colorado's Narrative Sediment Standard Regulation No. 31	Revised	11/10/2014	12/31/2017
96-2	Human Health-based Water Quality Criteria and Standards	Revised	10/9/2012	12/31/2017

Commission Policy 13-1: This policy document is intended to provide guidance to the division staff and to the public regarding the implementation of the regulatory variance provisions.

Commission Policy 06-1: This policy addresses the commission's methodology and rationale for developing water temperature criteria and standards for the protection of aquatic life in Colorado's surface waters. It is updated at each review to reflect recent commission policy decisions.

Commission Policy 10-1: This policy document was developed to addresses the methodology for determining attainment of aquatic life use in rivers and streams. No action was taken with regards to this policy during the current cycle.

Commission Policy 98-1: This policy provides guidance to the division regarding the implementation of the narrative standard for bottom deposits in state surface waters. In 2014, revisions refined the method for determining when the narrative standard is attained for fine-bedded sediment and developed quantitative thresholds for percent fines and macroinvertebrate sediment tolerance, as well as developed quantitative thresholds for percent fines in salmonid spawning riverbeds.

Commission Policy 96-2: This policy outlines the methodology and rationale for human health-based water quality criteria and standards for surface and ground waters. In 2012, a section regarding development of standards for mutagenic compounds was added.

Nutrient Control Regulations

Nitrogen and phosphorus are nutrients that are a part of all aquatic ecosystems and are necessary to support the growth of the algae and aquatic plants that provide food and habitat for fish and smaller aquatic organisms. However, excess nitrogen and phosphorus, or nutrient pollution, can result in serious water quality problems. It impairs drinking water, endangers aquatic life, and threatens recreational uses. Nutrient pollution can also pose serious risks to human and animal health and damage to the economy.

In June 2012, the commission adopted nutrients regulatory provisions composed of two major components:

1. A new Nutrients Management Control Regulation, Regulation No. 85 established technology-based treatment requirements for many domestic and some industrial wastewater dischargers, enhanced nutrients control requirements for some storm water dischargers, provisions encouraging voluntary controls of nonpoint sources, and monitoring requirements to develop better information to refine Colorado's nutrients management efforts over time.

2. Scientifically-based numerical values for nutrients at levels to protect classified uses of Colorado waters. These are initially applied only to streams and lakes above dischargers and to protect municipal water supplies taken directly from lakes or reservoirs. Section 31.17 of Regulation No. 31 contains the numerical values.

The new rules became effective September 30, 2012.

From 2012 to 2022, Regulation No. 85 effluent limits only apply to Colorado's largest domestic wastewater and some industrial dischargers. This includes domestic facilities that have a design capacity of over two mgd and are located in areas with a high ratio of treated wastewater flow per square mile. The high priority areas encompass the highly urbanized areas in the Front Range and the most urbanized areas of the west slope. Currently, forty-five domestic facilities in Colorado meet these criteria since 90 percent of the domestic wastewater flow comes from the larger facilities. The effluent limits in Regulation No. 85 do not apply to domestic wastewater facilities with a design flow of less than or equal to one mgd or facilities owned by a disadvantaged community. For the first 10 years of the regulation, facilities with a design flow of greater than one mgd and less than or equal to two mgd are exempt from effluent limits, as are facilities greater than or equal to two mgd that are in non-priority watersheds. After 2022, the limits will apply to approximately 100 domestic facilities.

Nearly 400 facilities are monitoring nutrients as part of Regulation 85.

Regulation No. 85 requires all domestic wastewater facilities to monitor their effluent. Facilities with a design flow greater than one mgd or are not located in an economically disadvantaged community are also required to conduct instream nutrient monitoring above and below their effluent discharge. The receiving water monitoring requirements apply to approximately 100 domestic facilities. The effluent limits in Regulation No. 85 were set at levels that could be achieved with a three-stage biological nutrient removal process but without new technology or reverse osmosis. The cost of implementing these

limits is significantly less than original estimates since numerous facilities can meet the limits by optimizing existing process without the need for large capital improvement projects. The limits are two separate measurements and not a reduction from the statewide average, as represented by a percentile and median numeric effluent limit (see Table 13 for details).

TABLE 13: REGULATION NO. 85 EFFLUENT LIMITS

REGULATION NO. 85-NUTRIENT EFFLUENT LIMITS (FOR FACILITIES OVER 2.0 MGD IN HIGH PRIORITY WATERSHEDS)		
Parameter	**Annual Median[(1)]**	**95th Percentile[(2)]**
Total Phosphorus	1.0 mg/L	2.5 mg/L
Total Inorganic Nitrogen[(3)] as N	15 mg/L	20 mg/L

[(1)]Running annual median of all samples taken in the most recent 12 calendar months.
[(2)]The 95th percentile of all samples taken in the most recent 12 calendar months.
[(3)]Determined as the sum of nitrate as N, nitrite as N and ammonia as N.

Regulation No. 31 (the Basic Standards and Methodologies for Surface Waters) was revised to include interim numerical values for phosphorus, nitrogen, and chlorophyll-*a* for rivers, stream, lakes and reservoirs as summarized in Table 14. The numerical values are based on the maximum amounts of each pollutant that can be present in water and still protect the classified use.

TABLE 14: INTERIM NUMERIC VALUES FOR TOTAL PHOSPHORUS, TOTAL NITROGEN, AND CHLOROPHYLL A

INTERIM NUMERIC VALUES FOR TOTAL PHOSPHORUS, TOTAL NITROGEN, AND CHLOROPHYLL-*A*					
Parameter	Rivers and Streams		Lakes and Reservoirs		
	Cold	Warm	Cold	Warm	Direct Use Water Supply
Total Phosphorus	110 ug/L[(1)]	170 ug/L[(1)]	25 ug/L[(2)]	83 ug/L[(2)]	not applicable
Total Nitrogen	1,250 ug/L[(1)]	2,010 ug/L[(1)]	426 ug/L[(2)]	910 ug/L[(2)]	not applicable
Chlorophyll *a*	150 mg/m^2 [(3)]	150 mg/m^2 [(3)]	8 ug/L[(4)]	20 ug/L[(4)]	5 ug/L[(5)]

[(1)]Annual median, allowable exceedance frequency 1-in-5 years.
[(2)]Summer (July 1 – September 30) average in the mixed layer of lakes (median of multiple depths), allowable exceedance frequency 1-in-5 years.
[(3)]Summer (July 1 – September 30) maximum attached algae, not to exceed.
[(4)]Summer (July 1 – September 30) average chlorophyll *a* in the mixed layer of lakes (median of multiple depths), allowable frequency 1-in-5-years.
[(5)]March 1-November 30 average chlorophyll *a* in the mixed layer of lakes (median of multiple depths), allowable frequency 1-in-5 years.

These numerical values can be considered for the adoption of standards for individual water bodies in phases. Adoption of standards during the first phase will protect waters upstream of current dischargers and protect direct use water supply reservoirs. During the first phase, from 2012-2017, the adoption of standards for phosphorus or chlorophyll-*a* can happen only in the following specific circumstances:

- In headwaters upstream of existing dischargers.
- In direct use water supply Lakes and Reservoirs where this type of protection is determined to be appropriate (chlorophyll-*a* only).
- Under other circumstances where the commission determines Regulation No. 85 will not provide sufficient control of nutrients.

From 2017-2022, the nitrogen standards can be adopted under the same circumstances outlined above. Starting in 2022, phosphorus and nitrogen standards can be adopted for all Colorado surface waters as appropriate, based on the information developed under the first phase.

Preliminary analysis of the nutrient monitoring data shows that the Regulation No. 85 monitoring requirements provide the division and Colorado's regulated community information that will be useful for determining the appropriate long-term nutrient control strategy for Colorado. In addition, the ongoing implementation efforts continue to be an effective means to nutrient reduction in Colorado.

Point Source Control Programs

The Regulated Universe

The division implements Colorado statutes and regulations that require pollution sources to control their operations in a manner that protects the quality of Colorado's water resources and minimizes public health risks.

Pollution Sources

Pollution sources, or facilities with permits or authorizations in place, are distributed among sector-based classifications shown in Figure 9.

A total of 10,153 facilities have control mechanisms (permits or authorizations) in place that implement Colorado's statutes and regulations.

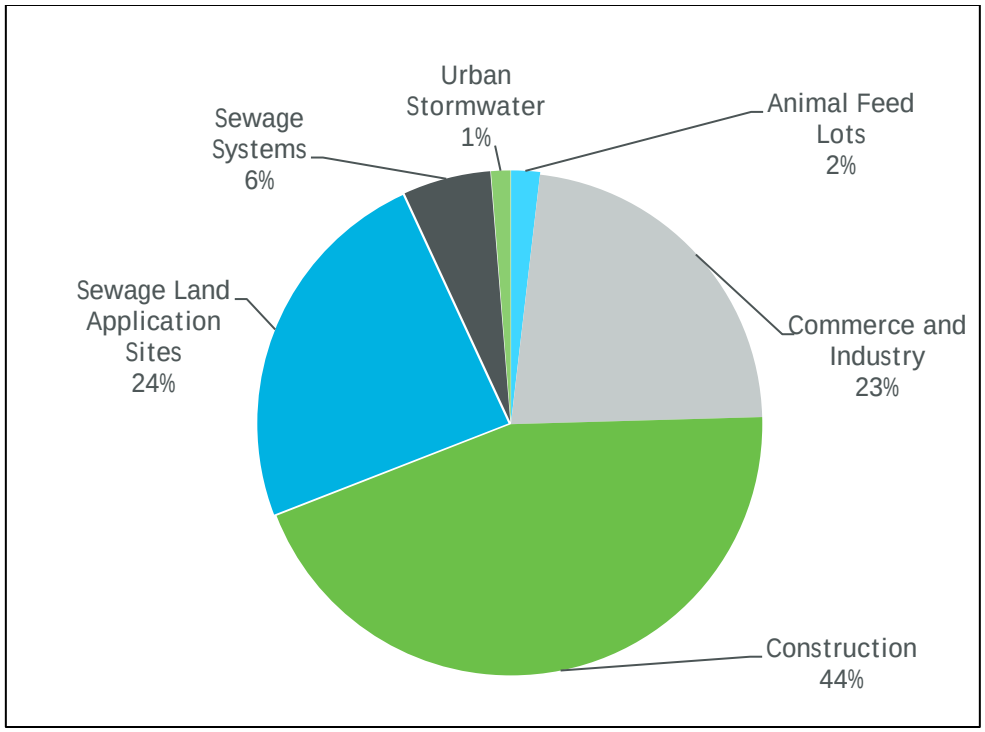


FIGURE 9: SECTOR-BASED CLASSIFICATIONS FOR PERMITTED FACILITIES

Sewage Systems

A sewage system includes the treatment plant, and sewers, pipes and pumps that collect and convey wastewater to the treatment plant. Sewage systems have been a major pollutant source addressed under the Colorado Water Quality Control Act since its adoption in 1973 and many reductions in pollutant loadings have been achieved.

545 sewage systems have active permits and authorizations.

Sewage systems remain a focus of pollution control efforts because of their large number and the relatively large volume discharged in many locations in comparison to the flow of the stream receiving the discharge or the dilution available in the groundwater aquifer.

Publicly owned treatment works (POTWs) are sewage systems that are owned and operated by counties, municipalities, and special districts which have jurisdiction over the area in which the wastewater flows to the treatment facility. Approximately 54 percent of the permitted sewage systems are POTWs

Non-POTWs –These are facilities with another primary business or service where on-site sewage treatment is provided, and comprise 46 percent of the permitted sewage systems. Approximately 50 percent of these businesses are tourism related (hotels, campgrounds and summer camps), 34 percent provide service to groups of private residences (mobile home parks and homeowners associations) and 16 percent provide public services (prisons, schools, airports, highway rest areas).

Sewage Land Application Sites

Reclaimed water is former wastewater (sewage) that is treated and reused in lieu of discharge to surface water or groundwater. The largest reclaimed water use in Colorado is landscaped irrigation. Biosolids is sludge that is a waste byproduct of the sewage treatment process. Biosolids can be beneficially reused as a fertilizer and to improve soil conditions.

Construction

Construction activities can have a significant impact on water quality if adequate controls are not in place while activities occur. Ground-disturbing activities, such as clearing and grading, create a situation where pollutant sources come into contact with water and are carried off the site into rivers and lakes. As stormwater flows over a construction site, it can pick up pollutants like sediment, debris, and chemicals and transport these to a nearby storm sewer system or directly to a river or lake.

3,984 construction sites have permits that set distinct pollutant levels for discharge along with other controls that must be in place.

Pumping groundwater to install building foundations, bridge abutments, and other infrastructure provides a direct conduit for large volumes of sediment to be conveyed to nearby rivers and lakes. In urban areas, these dewatering activities often mobilize legacy toxic pollutants that are present in the groundwater due to human practices such as uncontrolled landfilling, leaky

underground gasoline tanks, and historic manufacturing activities that deposited industrial wastes directly onto the ground from where it leached into the subsurface water table.

Polluted stormwater runoff and polluted groundwater extracted during construction can harm or kill fish and other aquatic life. Sedimentation can destroy aquatic habitat and high volumes of runoff can cause stream bank erosion. Trash and other debris can clog waterways and interfere with use of the water resources. Once a waterway is impacted by construction discharges, restoration can be a difficult and expensive undertaking.

Construction operators are required to obtain permits for discharges resulting from dewatering activities and for their stormwater discharges. Figure 10 illustrates the distribution of construction permits by the type of construction work being performed, based on number of permit authorizations.

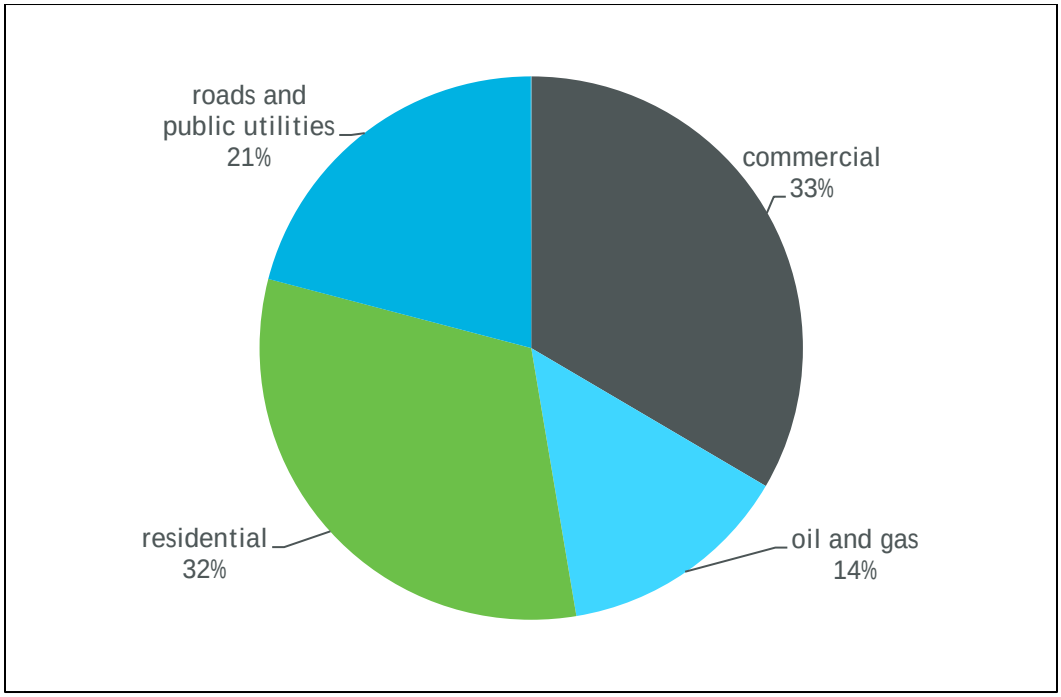


FIGURE 10: NUMBER OF CONTRUCTION PERMITS BY SECTOR

Currently, we permit 115 municipalities, schools and special districts in urban areas.

Urban Stormwater

Roads, parking lots and sidewalks are constructed during land development. Rain and snowmelt generate runoff and pollutants deposited on these impervious surfaces which are carried in stormwater to storm drains. There are many pollutant sources in the urban environment. Building materials such as galvanized gutters are a source of zinc, and asphalt is a source of hydrocarbons. Lawn fertilization is a source of phosphorus and nitrogen, and pesticide application is a source of toxics. Vehicle maintenance is a source of detergents and oils and greases. Roads and highways are sources of cadmium and lead from brake pad wear, and road de-icing is a source of salts. Pollutant impacts to urban rivers and lakes affect aquatic life and the public's ability to use these water resources as a water supply and for recreation.

Local governments including cities, counties, and special districts in urbanized areas and areas of high growth are required to obtain permits for discharges from their MS4s. The permits require these entities to develop and implement stormwater management programs to minimize pollutant sources and remove pollutants from the runoff before it enters rivers and lakes. It has become clearer that urban stormwater plays a significant role in the pollution of local water bodies. Ongoing efforts are being made in Colorado and many states to reduce the level of pollutant discharges from MS4s to prevent waterbodies from exceeding the applicable water quality standards.

There is large variability in quality and quantity of stormwater discharges, which make it difficult to characterize pollutant loadings and to design effective control measures. Integration of stormwater quality management principals into local building and zoning codes, and engineering standards and practices that guide urban development are happening, but these changes take time and there are multiple competing demands.

Commerce and Industry

Pollution control is a significant aspect of business management in many sectors that produce economic goods and services in Colorado. Industrial and commercial facilities may utilize or generate wastewater that needs to be treated or controlled, including any areas where industrial activities occur that are exposed to rain and snowmelt.

Businesses with permits or authorizations in place are distributed among sectors based on classifications in the figure below. Mining includes hard rock, coal, sand and gravel, and oil and gas operations. Manufacturing includes food products, wood and paper building materials, and fabricated metal. Public services include power generation, airports, vehicle maintenance, rail, and trucking. Wholesale trade includes auto recycling.

Approximately 2,500 businesses in Colorado have permits authorizing their discharge of pollutants to rivers and streams.

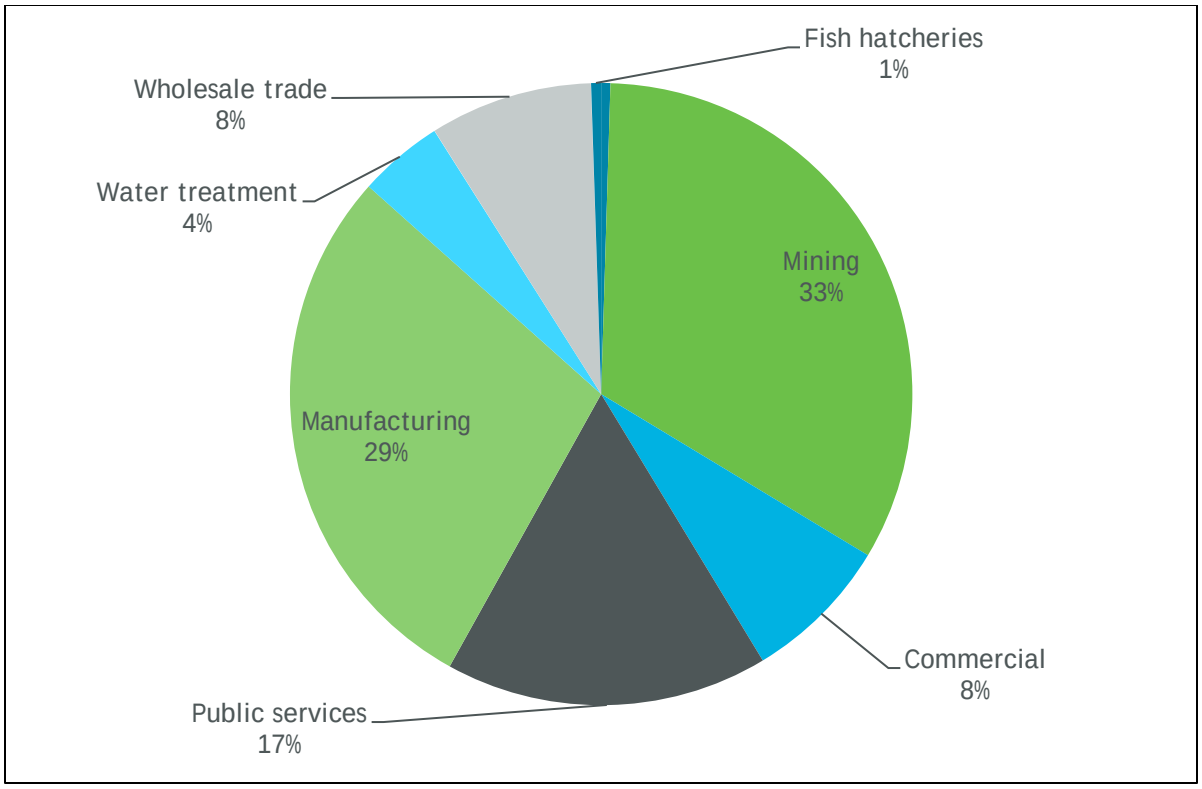


FIGURE 11: COMMERCE AND INDUSTRY PERMITS BY SECTOR

Permit Actions

Permits establish pollutant levels that can be discharged to surface water and groundwater of the state. Permits also establish details regarding discharge monitoring and recordkeeping, and include instructions on when notification of the division is required such as in times of poor treatment plant performance. For sewage systems, a process for review and approval of the location and design of a treatment facility or pumping station is required before a permit can be issued. This review work for sewage systems provides a mechanism for ensuring that proposed facilities are located, designed and will be properly operated and maintained to meet permit requirements and prevent spills and other events that would impact public health and/or the environment. The site location review process also ensures that the provision of proposed wastewater collection and treatment services is consistent with local water quality management planning.

A core statutory requirement is that all permits are subject to routine review, since the requirements and conditions under which the discharge was authorized are subject to change. On that basis, the most significant workload demand is to issue renewal permit actions. The division also administers a large number of new discharge authorizations, permit modifications, and permit terminations.

Program for Permitting Pesticide Discharges to Surface Waters

The division's program for permitting pesticide discharges to surface waters was initiated in 2011 as a result of the determination by the U.S. 6th Circuit Court that the application of pesticides to waters of the united states constitutes a point source discharge and therefore requires a permit under the CWA. Discharges from pesticide activities covered under the permit include mosquito and other

flying insect control, weed and algae control, forest canopy control and animal pest control. The pesticide general permit does not require an application but rather provides automatic coverage upon meeting the eligibility requirements in the permit. The permit includes practice based effluent limits and record keeping requirements. Based on division/stakeholder agreement, only a subset of permittees are required to submit an annual report and, beginning in 2016, pay an annual fee.

Though the impetus of the court case was to determine whether the application of pesticides to water should be considered a point source and require a permit, the outcome of the resulting permit issuance is serving to shed light on the overall presence of pesticides in Colorado's and the nation's waters. This is significant step forward in the effort to inform the public about the character of surface waters across the country.

To provide perspective on the relative presence of pesticides in the nation's waters, the following information was taken from USGS Fact Sheet, "Pesticides in Surface Waters:"[6]

- Low levels of pesticides have been widespread in the nation's surface waters for several decades.
- Pesticide concentrations in surface waters follow strong seasonal patterns that result from the timing of pesticide applications and runoff conditions.
- Many pesticides are rarely detected in surface waters because of relatively low use, how they are applied, chemical properties, or elevated detection limits.
- In many streams, some pesticides exceed water-quality criteria for seasonal periods each year, but annual average concentrations seldom exceed regulatory standards for drinking water.
- Potential effects of pesticides on humans and aquatic ecosystems are difficult to evaluate because of inadequate information on effects of low-level mixtures, transformation products and seasonal exposure.
- Improved information is needed on long-term trends, pesticides and transformation products that have not been widely measured, and biological effects of typical exposure patterns.
- A number of studies have shown that procedures commonly used at most drinking water treatment plants have little effect on concentrations of pesticides in water.

Since 2013, the state allocated $84,000 a year for the Colorado Department of Agriculture to analyze pesticide samples from monitoring of surface waters. Sample collection is conducted by the division. Eight sampling events have taken place from 2013-2015 with two to three sampling events taking place each year. Sampling has targeted the mainstems of Colorado's major watersheds, including the Colorado River, the South Platte River, the Arkansas River, the Yampa River, the White River and the Rio Grande. A total of 198 samples have been analyzed. Each sample is analyzed for active ingredients in 102 different formulations, including a small number of transformation products.

The pesticide sampling has been synoptic in nature with samples collected from the targeted stream over a period of one to three days. This procedure provides a snapshot of conditions which can reflect changes that occur along a given set of sites over a short period of time. Most events have included samples being taken from the headwaters of a particular stream, the Colorado border or major confluences with another stream. The South Platte River and the Arkansas River are exceptions to this in that the South Platte was sampled from Ft. Lupton, to the eastern Colorado border and the Arkansas River was sampled from Pueblo to the eastern Colorado border. In addition,

[6] U.S Geological Survey Fact Sheet FS-039-97

the Colorado River synoptic sampling event included monitoring of the Gore Creek and Eagle River tributaries.

To date, the monitoring conducted through this process has resulted in the detection of active ingredients used in pesticides 160 times in Colorado surface waters. These occurrences have included the detection of 26 different active ingredients. The highest detection of a pesticide active ingredient during these sampling events has been 0.86 parts per billion.

Of the 26 active ingredients detected, eight where for parameters for which the state currently has water quality standards, and eighteen were for parameters not addressed by current water quality standards. None of the analyzed results have exceeded a water quality standard. Colorado incorporates multiple pesticides into its water quality standards, but many are for active ingredients that are no longer used or that have previously been banned elsewhere, and in some cases, in the United States. The lack of water quality standards for many active ingredients in pesticides exists on the national level as well based on the dynamic nature of the industry where new products are frequently being marketed. For example, the EPA has established water quality criteria for the protection of aquatic organisms for only 20 of the 118 compounds targeted in the studies reviewed in the USGS Fact Sheet, Pesticides in Surface Waters.[7] The fact sheet also identified that aquatic life criteria have not been established for any of the high use agricultural fungicides.

Table 15 summarizes results from sampling events that took place between 2013 and 2015. In the interest of brevity, specific pesticides are not identified; rather counts of the number of parameters that were above the detection limit for each sampling event are listed.

TABLE 15: SAMPLING EVENTS UNDER PROGRAM FOR PERMITTING PESTICIDE DISCHARGES

Sample Date	River Sampled	Number of Parameters above Detection Limit	Notes
June 2013	South Platte River	278*	
October 2013	Arkansas River	92*	Prometon detected - restricted use pesticide
May 2014	Rio Grande River	0	
September 2014	North Fork Gunnison River	41	Tebuthiuron detected - restricted use pesticide
May 2015	Yampa River	0	Spring 2015 was very wet. Applicators indicated many applications had been cancelled due to weather. Heavy spring runoff was also present.

[7] U.S Geological Survey Fact Sheet FS-039-97

Sample Date	River Sampled	Number of Parameters above Detection Limit	Notes
May 2015	White River	0	Spring 2015 was very wet. Pesticide applicators indicated many applications had been cancelled due to weather. Heavy spring runoff was also present
April 2015	Colorado River	10	Includes Gore Creek and Eagle River
*The South Platte and Arkansas River results reflect totals from two sampling events. To date (12/15) all others have been sampled one time only.			

Due to the episodic and seasonal variability associated with pesticide applications to surface water, data only provides limited point-in-time pictures of pesticide occurrences in Colorado surface waters. The data should not be interpreted as providing quantitative information on the expected frequency or concentration of pesticide active ingredients in Colorado surface waters, but only that the active ingredients identified have a potential for being present above detection limits. The data also does not provide evidence of the absence of active ingredients in Colorado surface waters.

Nationwide, annual mean concentrations of pesticides rarely exceed water quality standards or drinking water maximum contaminant levels. However, stream concentrations are known to exceed the standards in specific samples and at certain times of the year. The USGS Fact Sheet, Pesticides in Surface Waters,[8]" identifies multiple examples where stream concentrations and/or monthly averages exceed water quality standards but annual average concentration remains below the standards. Because drinking water treatment plants often have little effect on concentrations of pesticides in water, drinking water derived from some surface water sources can contain concentrations of one or more compounds above the maximum contaminant levels for part of the year even though monitoring results may not identify those exceedances.

In summary, the ability to assess the significance of pesticides in surface waters is limited by several factors. First, water quality criteria have not been established for most pesticides and pesticide transformation products, and existing criteria should be revised as more is learned about the toxicity of these compounds. Second, criteria are based on tests with individual pesticides and do not account for possible cumulative effects if several different pesticides are present, as is often the case. Finally, many pesticides and most transformation products have not been widely monitored in surface waters. These factors, and the lack of data on long term trends, show significant gaps in our understanding of the extent and significance of pesticide contamination in surface waters. Analysis of scientific literature indicates a need for long-term monitoring studies in which a consistent study design is used and more of the currently used pesticides and their transformation products are targeted.

[8] U.S Geological Survey Fact Sheet FS-039-97

Nonpoint Source Program

Colorado's Nonpoint Source program continued to focus resources on addressing priority nonpoint sources of pollution during the 2012-2015 reporting period. Nonpoint source pollution, unlike pollution from industrial and sewage treatment plants, comes from many diffuse sources and is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up, carries away and deposits natural and human-made pollutants in lakes, rivers, wetlands and groundwater. Nonpoint source pollution is different from regulated stormwater because it is not discharged to these receiving waters through discrete conveyances such as pipes. Common categories of nonpoint source pollution in Colorado include abandoned mine lands, agriculture, hydrologic modification (including modifications related to fires and floods) and air deposition.

Waste rock pile on South Evans Gulch.

The Nonpoint Source program updated its management plan in 2012 and has been implementing the priorities defined in that plan during this IR reporting period. In order to meet the program objective of restoring waterbodies impaired by nonpoint sources of pollution, priorities defined in the 2012 management plan focus on addressing nonpoint sources of metals associated with abandoned mine lands and selenium. Prioritization of abandoned mine lands related to metals and selenium, as well as additional pollutants such as *E. coli* and mercury, was based on information in the IR available at the time of developing the management plan. To continue promoting TMDL implementation through nonpoint source funding, nonpoint source prioritization was also based on load allocations identified in approved TMDL documents which, as shown in Figure 12, continue to be primarily associated with metals from abandoned mine lands.

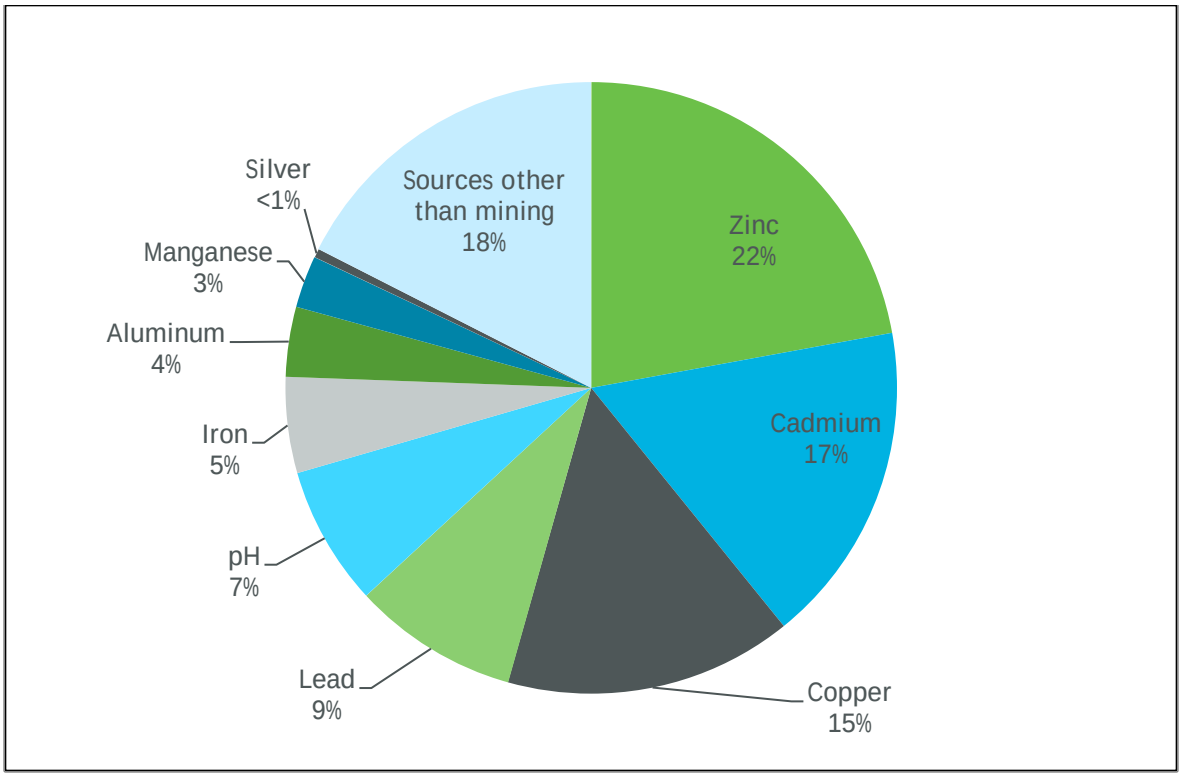


FIGURE 12: COLORADO APPROVED TMDLS AS OF SEPTEMBER 2015. ABONDONED MINE IMPACTS, INCLUDING ZINC, CADMIUM, COPPER, LEAD, pH, IRON, ALUMINUM, MANGANESE AND SILVER, AFFECT 82% OF TMDLS, WHILE THE REMAINING 16% OF TMDLS ARE ATTRIBUTABLE TO PARAMETERS SUCH AS SELENIUM, SEDIMENT, MERCURY, E. COLI AND NUTRIENT INDICATORS (AMMONIA, pH AND DISSOLVED OXYGEN).

The nonpoint source restoration objective, as well as the goals and other objectives of the program discussed are accomplished through Section 319 of the CWA funds and collaborative efforts with federal, state, local and watershed group partners. Highlights are available in program annual reports and other information and links at npscolorado.com. Project funding received through Section 319 during this IR reporting period is summarized in Table 16. Annual changes in the amount of project funds received illustrate variations in Section 319 funding from 2012 through 2015.

In the late 1800s, the Colorado gold rush had prospectors headed to Colorado mountains with the motto "Pike's Peak or bust." However, gold mining was actually centered in the Clear Creek Canyon, approximately 85 miles north of Pike's Peak.

TABLE 16: NONPOINT SOURCE SECTION 319 GRANTS

Federal Grant Year	Total Award
FFY 12	$1,293,117.00
FFY 13	$1,077,117.00
FFY 14	$1,125,927.00
FFY 15	$1,213,517.00
Total amount awarded	$4,709,678.00

The management plan is specifically tied to the Nonpoint Source program's Section 319 grant. In addition to the management plan, other requirements associated with the program's administration of the Section 319 grant are identified in guidelines developed by the EPA, the grantor of the funds. During this IR reporting period, EPA released new guidelines that directed states to focus the majority of Section 319 funds on addressing waterbodies impaired by nonpoint sources of pollution. The Nonpoint Source program responded by allocating 84 percent of the Section 319 funds over the past four years to implement watershed plans in watersheds with waterbodies impacted by nonpoint sources of pollution. Watershed plans are critical to implementing actions that address priority nonpoint source pollution concerns and the development of these plans by local groups continued to be promoted by the program during this IR reporting period. Development of watershed plans encourages collaboration at the local level to evaluate priority nonpoint sources of pollution and identify feasible best management practices to address these sources.

The revised EPA guidelines also promote monitoring to show water quality improvements associated with on the ground implementation projects funded through Section 319. The focus on demonstrating results led to the continued development of the program's measurable results initiative which concentrates on programmatic level support and tool development to advance project scale monitoring and data evaluation to assess results. The program also continued its requirement for sponsors of Section 319 funded projects to conduct pre- and post-project monitoring. All data for measurable results of water quality and aquatic macro-invertebrates are uploaded to Storage and Retrieval data warehouse (EPA national database). The data are incorporated in water quality data assessments conducted by the Environmental Data Unit that serve as the basis for much of the information in the IR and in the standards triennial review process. For more information about the measurable results initiative and project scale successes in improving water quality, please visit npscolorado.com

In addition to administering Section 319 funding from EPA, the program increased its partnership with the Colorado Water Resources and Power Development Authority during this IR reporting period. Strengthening this partnership led to funding of six nonpoint source implementation projects for on the ground control of nonpoint source pollution. Table 17 summarizes both Section 319 and Colorado Water Resources and Power Development Authority funded projects from 2012 – 2015. Figure 13 shows the distribution of these funding sources across different nonpoint source project categories. The figure highlights the program priority of addressing nonpoint source pollution associated with abandoned mine lands.

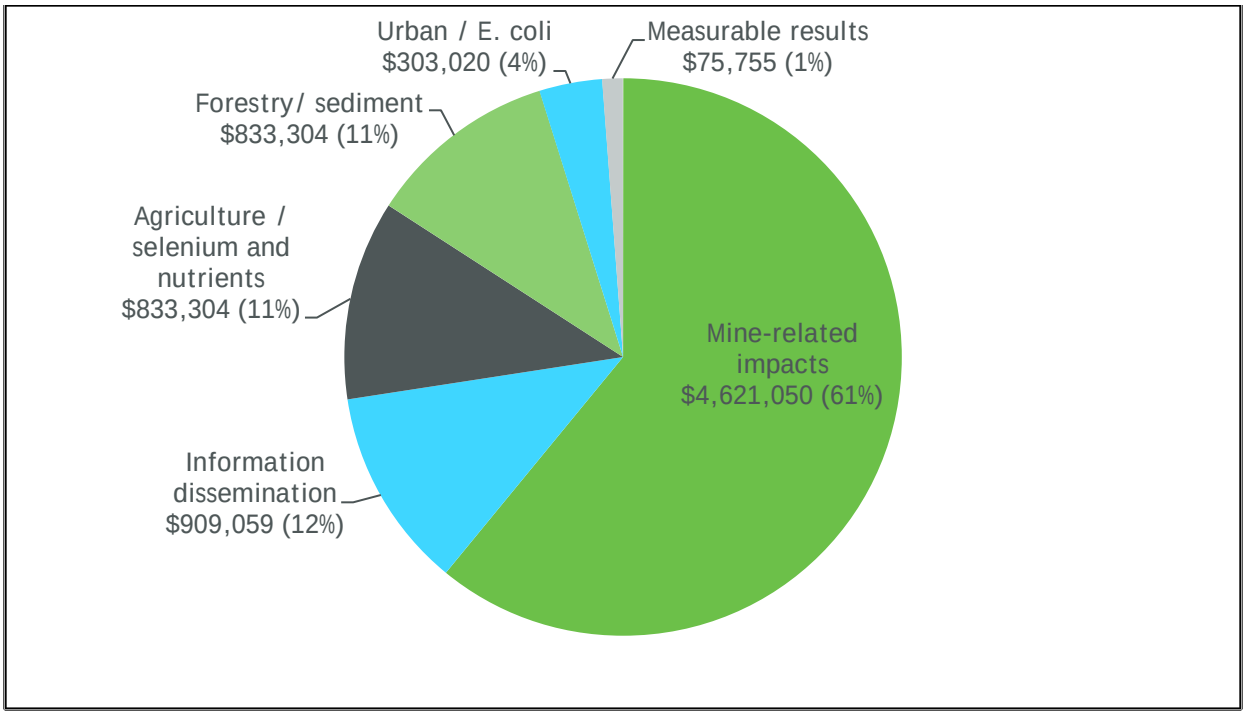


FIGURE 13: NONPOINT SOURCE PROGRAM PROJECT FUNDING PER CATEGORY. THE TOTAL FUNDING REPRESENTS $7,575,492.

TABLE 17: NONPOINT SOURCE PROJECTS FUNDED FROM 2012 TO 2015

Project Title	Project Sponsors	Year Funded	319 Funding Amount	CWRPDA Funding Amount	General Project Type	Project Category
Evans Gulch Watershed Plan	Trout Unlimited	2012	$30,000		Watershed Planning	Mine related Impacts
Boulder Creek Watershed Plan	City of Boulder	2012	$49,996		Watershed Planning	Urban (*E. coli*)
Upper Yampa River Watershed Plan	Routt County Conservation District	2012	$59,000		Watershed Planning	Addressing EPA 9 Elements
Lower Bear Creek Watershed Planning and Assessment	Groundwork Denver	2012	$70,000		Watershed Planning	Urban (*E. coli*)
Kerber Creek Restoration - Phase II	Trout Unlimited	2012	$281,225		BMP Implementation	Mine related Impacts (TMDL Implementation)

Project Title	Project Sponsors	Year Funded	319 Funding Amount	CWRPDA Funding Amount	General Project Type	Project Category
Clear Creek Tributaries Sediment Control	Clear Creek Watershed Foundation	2012	$98,481		BMP Implementation	Mine related Impacts (TMDL Implementation)
Coal Creek Restoration	Coal Creek Watershed Coalition	2012	$70,000		BMP Implementation	Mine related Impacts (TMDL Implementation)
Pennsylvania Mine Reclamation	Division of Reclamation, Mining and Safety	2012	$130,662		BMP Implementation	Mine related Impacts (TMDL Implementation)
Upper South Platte Nonpoint Source Initiative	Coalition for Upper South Platte	2012	$70,315		BMP Implementation	Forestry (Sediment)
Nonpoint Source I&E Coordinator	Colorado State University	2012	$88,508		Information Dissemination	Information & Education
Watershed Planning Support	Colorado Watershed Assembly	2012	$208,400		Outreach and Education	Information & Education
Data Sharing Network	Colorado Watershed Assembly	2012	$34,128		Information Dissemination	Information & Education
Greenway PURE Trash Reduction Campaign	The Greenway Foundation	2012	$85,000		Watershed Assessment	Urban
Identifying Arkansas River Selenium and Nitrogen Best Management Practices	Colorado Watershed Assembly	2012	$256,620		BMP Assessment	Agriculture (Selenium and Nutrients)
Tools to Address Agricultural Nutrient NPS Contamination	Colorado State University	2012	$28,109		BMP Assessment	Agriculture (Nutrients)
St. John Mine Reclamation	Division of Reclamation, Mining and Safety	2013	$13,125	$97,205	BMP Implementation	Mine related Impacts (TMDL Implementation)

Project Title	Project Sponsors	Year Funded	319 Funding Amount	CWRPDA Funding Amount	General Project Type	Project Category
London Mine Reclamation	Division of Reclamation, Mining and Safety	2013		$510,000	BMP Implementation	Mine related Impacts (TMDL Implementation)
Upper Uncompahgre Watershed Mine Remediation	Uncompahgre Watershed Partnership	2013	$163,124		BMP Implementation	Mine related Impacts (TMDL Implementation)
Pennsylvania Mine Reclamation (cont.)	Division of Reclamation, Mining and Safety	2013	$190,612	$500,000	BMP Implementation	Mine related Impacts (TMDL Implementation)
Bullion King Mine Waste Remediation	Animas River Stakeholders Group	2013	$297,612		BMP Implementation	Mine related Impacts (TMDL Implementation)
2012 High Park Wildfire Restoration Efforts	Trout Unlimited	2013	$200,000		BMP Implementation	Forestry (Sediment)
2012 Waldo Canyon Wildfire Restoration Efforts	Coalition for the Upper South Platte	2013	$200,000		BMP Implementation	Forestry (Sediment)
Uncompahgre River Watershed Selenium Control	Uncompahgre Valley Water Users Association	2013	$19,620		BMP Implementation	Agriculture (Selenium) - TMDL Implementation
Fountain Creek Watershed Plan	Pikes Peak Area Council of Governments	2014	$40,000		Watershed Planning	Urban (*E. coli*)
St. Vrain Watershed Plan	City of Boulder	2014	$45,000		Watershed Planning	Urban (*E. coli*)
Lower Arkansas River Watershed Plan	Colorado Department of Agriculture	2014	$53,287		Watershed Planning	Agriculture (Selenium)

Project Title	Project Sponsors	Year Funded	319 Funding Amount	CWRPDA Funding Amount	General Project Type	Project Category
Carbonero Mine Reclamation	Division of Reclamation, Mining and Safety	2014		$300,000	BMP Implementation	Mine related Impacts
Rattler Tunnel Reclamation	Division of Reclamation, Mining and Safety	2014		$100,000	BMP Implementation	Mine related Impacts
Perigo/Tip Top Mine Reclamation	Division of Reclamation, Mining and Safety	2014		$600,000	BMP Implementation	Mine related Impacts
Sugarloaf Mountain Mine Waste Erosion Mitigation	CO Mountain College - Natural Resources Management	2014	$461,476		BMP Implementation	Mine related Impacts
Evans Gulch Restoration	Trout Unlimited	2014	$253,000		BMP Implementation	Mine related Impacts (TMDL Implementation)
Pennsylvania Mine Reclamation (cont.)	Division of Reclamation, Mining and Safety	2014	$160,657		BMP Implementation	Mine related Impacts (TMDL Implementation)
Upper Cache la Poudre Watershed Plan	Coalition for the Poudre River Watershed	2015	$65,419		Watershed Planning	Addressing EPA 9 Elements
Illinois Gulch Restoration	Trout Unlimited	2015	$102,000		BMP Implementation	Mine related Impacts (TMDL Implementation)
Middle North Empire Creek Restoration	Clear Creek Watershed Foundation	2015	$189,091		BMP Implementation	Mine related Impacts (TMDL Implementation)
Gunsight Processing Area Reclamation	Coal Creek Watershed Coalition	2015	$161,650		BMP Implementation	Mine related Impacts (TMDL Implementation)

Project Title	Project Sponsors	Year Funded	319 Funding Amount	CWRPDA Funding Amount	General Project Type	Project Category
Pennsylvania Mine Reclamation (cont.)	Division of Reclamation, Mining and Safety	2015	$56,119		BMP Implementation	Mine related Impacts (TMDL Implementation)
Uncompahgre Selenium Control Lateral Piping	Uncompahgre Valley Water Users Association	2015	$230,380		BMP Implementation	Agriculture (Selenium) TMDL Implementation
Addressing Nutrients and Selenium Impacts	Colorado Department of Agriculture	2015	$62,569		BMP Implementation	Agriculture (Selenium)
NPS Pollution Reduction in Lower Bear Creek	Groundwork Denver	2015	$71,588		BMP Implementation	Urban (*E. coli*)
Program Outreach and Education	Colorado Watershed Assembly	2015	$173,189		Information Dissemination	Information & Education
NPS Water Quality Improvements in the Rifle Creek sub-watershed	Middle Colorado Watershed Council	2015	$25,000		BMP Assessment	Agriculture (Selenium)
Measurable Results	State Laboratory	2015	$28,650		BMP Assessment	Programmatic/ Measurable Results

Total Maximum Daily Load Bridge to Restoration Initiative

Over 23,000 abandoned mines are estimated to exist in Colorado. Additionally, approximately 1,600 miles of streams are impaired by heavy metals and low pH. Historically, legacy mines or abandoned mine lands have lacked a financially viable responsible party, making restoration efforts difficult. Due to these significant challenges to water quality, the division developed the TMDL Bridge to Restoration Initiative. The goals of this initiative are to characterize water quality impacts of abandoned mines to support clean up decisions, do restoration planning, and measure the water quality improvements from completed restoration projects. Staff and laboratory analysis funding are provided through the Colorado Water Resource and Power Development Authority.

The initiative capitalizes on multi-disciplinary teams and agencies. The Division of Reclamation, Mining and Safety is involved in project selection, site characterization planning, water quality monitoring and data assessment. Additionally, collaboration routinely occurs with the U.S. Forest Service, EPA, Bureau of Land Management, U.S. Fish and Wildlife Service, Trout Unlimited, local watershed groups and municipalities. Projects under this program are summarized below:

Redwell Basin/Daisy Mine

The Daisy Mine complex is located in Redwell Basin, which is drained by Redwell Creek (COGUUG10b), a tributary to Oh Be Joyful Creek (COGUUG10a), which in turn, is a tributary to the Slate River (COGUUG07). Redwell and Oh Be Joyful Creeks are currently not attaining aquatic life use based standards for cadmium, copper, lead and zinc. Redwell Creek is also on the M&E List for pH.

Multiagency teams led by the Division of Reclamation, Mining and Safety collected surface water samples to characterize water quality impacts of the Daisy Mine complex and the artesian drill hole on Redwell Creek and Oh Be Joyful Creek. Agencies involved were: Division of Reclamation, Mining and Safety, Coal Creek Watershed Coalition, U.S. Forest Service, Bureau of Land Management, and division staff. Findings from these TMDL Bridge to Restoration studies, combined with historic data, identified the artesian drill hole as the greatest metals load with the most cost effective restoration alternative. The Division of Reclamation, Mining and Safety received $96,000 from the Colorado Water Resources and Power Development Authority to plug the artesian drill hole. Additionally, water quality characterization data from this initiative was used in the Slate River Watershed Plan, which received Colorado Nonpoint Source program funding of $61,000.

In 2014 and 2015, post reclamation monitoring was conducted to measure the water quality impact of the project. A preliminary assessment of the pH data suggest that Redwell Creek has become less acidic following the drill hole closure project. Additional assessment of the data will occur in 2016 to determine the extent to which metal concentrations and pH levels have changed following the closure project.

Discolored water in an artesian drill hole in Rewell Basin.

Upper Slate Watershed/Gunsight Processing Area

The Gunsight Processing Area is also located in the Upper Slate River Watershed. The abandoned mine site has a footprint of approximately 3.4 acres, and is located 3.6 miles northwest of Crested Butte in Gunnison County, Colorado. The TMDL Bridge to Restoration Initiative collected water quality data, which helped the local stakeholders identify the Gunsight Processing Area as a reclamation priority in the Upper Slate River Watershed Plan. Restoration of this site is planned, with

an estimated budget of $550,000. Major funders include the Bureau of Land Management, Division of Reclamation, Mining and Safety, and the Colorado Nonpoint Source Program.

Halfmoon Creek

The historic Champion Mill is located in the headwaters of Halfmoon Creek (COARUA05), a tributary to the Lake Fork in the Upper Arkansas River basin. Total Maximum Daily Loads were approved for dissolved lead and cadmium for Halfmoon Creek in 2009.

Multiagency teams collected surface water samples on four occasions in 2011 and 2012. Samples of waste piles in the drainage were collected in 2012. Agencies involved were: Division of Reclamation, Mining and Safety, U.S. Forest Service, EPA, U.S. Fish and Wildlife, Colorado Mountain College, and Colorado Nonpoint Source Program.

Water quality chemistry data collected in Halfmoon Creek attained water quality standards. Additionally, Halfmoon Creek supports a healthy benthic macroinvertebrate community. This study determined that mining features within the drainage did not have a significant impact on water quality and were not prioritized for reclamation.

Illinois Gulch

Blue River Segment 12 (COUCBL12) Illinois Gulch, is not attaining aquatic life use-based water quality standards for dissolved zinc and cadmium. Illinois Gulch is located near Breckenridge in Summit County, Colorado. Many mine features exist within this drainage.

Multiagency teams collected surface water and soil samples to characterize water quality impacts to Illinois Gulch and Iron Springs from nearby abandoned mine features. Seven monitoring events occurred from 2012-2014. Agencies and organizations involved were: The Division of Reclamation, Mining and Safety, EPA, Summit County, U.S. Forest Service, U.S. Fish and Wildlife Service, URS Corporation and Trout Unlimited. Data collected were assessed in the U.S. Forest Service report: Data Summary Report for Abandoned Mine Sites at Illinois Gulch. The EPA provided laboratory analytical services, sampling efforts, site inspection report development, funding for fish surveys and continuous monitoring at select site locations.

As a result of these studies, Trout Unlimited was awarded a $170,000 Colorado Nonpoint Source Grant to continue investigations and to implement water quality best management practices at two mines located in the upper portions of Illinois Gulch.

Water quality investigations will also continue along mine waste piles and draining adits on Iron Springs Gulch, a heavily impacted portion of Illinois Gulch.

Leavenworth Creek

The Waldorf Mine is located in the headwaters of Leavenworth Creek (COSPCL03b), a tributary to South Clear Creek and subsequently, the mainstem of Clear Creek. This segment does not meet aquatic life use-based copper, lead and zinc standards. TMDLs for lead and zinc were approved in September 2008. The Waldorf Mine site contains a draining adit and a series of waste piles that encompass over two acres. The Waldorf Mine adit (also known as the Wilcox Tunnel) continually drains and intermittently discharges large surges of contaminated water.

Multiagency teams collected surface water samples on four occasions in 2011 and 2012 to characterize water quality impacts to Leavenworth Creek from the Wilcox Tunnel and Waldorf Mine features. Additionally, soil samples from mine waste piles in the drainage were analyzed. Agencies involved were: Division of Reclamation; Mining and Safety; U.S. Forest Service; EPA, U.S. Fish and Wildlife Service; URS Corporation and the U.S. Geologic Survey. The TMDL Bridge to Restoration initiative contributed to this endeavor by funding the analytical services for two surface water quality monitoring events. In 2013, the U.S. Forest Service created the Data Summary Report, Leavenworth Watershed Abandoned Mine Sites. Subsequently, the U.S. Forest Service funded a water quality study by the US Geologic Survey in this drainage.

From these studies, several remediation projects were designed and implemented. A braided tributary flowing through dispersed mill tailings from the historic Waldorf Mine was identified as a significant contributor of zinc and other heavy metals to the drainage. Trout Unlimited managed a $225,000 project to install a 2,500 foot long riprap channel through the dispersed tailings, while simultaneously removing and treating contaminated soils for 10 feet on both sides of the channel. The Division of Reclamation Mining and Safety was contracted by the U.S. Forest Service to divert the Waldorf Mine draining adit around large mine waste piles. The cost of this project was $18,000. Division of Reclamation Mining and Safety also investigated the hydrologic connectivity of the Santiago Mine to the Waldorf Mine.

Upper Uncompahgre Watershed

Several drainages were studied in the Upper Uncompahgre River Watershed: Gray Copper Gulch, Uncompahgre River, Sneffels Creek, Canyon Creek and Imogene Creek. The Vernon Mine is located in Gray Copper Gulch (COGUUN07) which is a tributary to Red Mountain Creek. Segment COGUUN07 is impaired for not meeting the aquatic life use-based standard for dissolved copper. The Michael Breen Mine is located in the Uncompahgre River Segment COGUUN02. This segment extends approximately two miles from Como Lake to a point immediately above the confluence with Red Mountain Creek. This segment is not meeting the applicable aquatic life use-based cadmium, copper, and zinc standards. Numerous abandoned mine features are located in the watersheds contributing to Canyon Creek, Sneffels Creek, Imogene Creek and Richmond Creek. These creeks and tributaries to these creeks comprise Colorado segment COGUUN09.

Multiagency teams collected surface water samples on eight occasions between 2011 and 2015. Soil samples were collected in 2012 to characterize the contaminant concentrations within several mine waste piles. Agencies involved were: Division of Reclamation, Mining and Safety, the Uncompahgre Watershed Partnership and division staff.

The Uncompahgre Watershed Partnership was awarded a Colorado Nonpoint Source Grant of $108,000 to support restoration work at two mines in the watershed (the Michael Breen and Vernon Mines). In 2014 and 2015, discharges were redirected around mine waste piles, waste rock was removed and sites were revegetated as a part of the restoration work. Water quality characterization continues in these drainages for the purpose of post project monitoring and new source identification.

Evans Gulch

Evans Gulch is a five mile long segment of the Upper Arkansas River basin near Leadville, Colorado in Lake County. The drainage serves as a municipal water supply for approximately 5,000 residents of

Lake County and Leadville by way of Parkville Water District. Evans Gulch makes up the entire Colorado water body segment COARUR07. A TMDL for dissolved zinc was approved for Evans Gulch in 2009.

Four water quality studies were conducted in 2014 and 2015 at 14 sites. Agencies involved in monitoring events were: Trout Unlimited; Division of Reclamation; Mining and Safety; Colorado Mountain College; Parkville Water; Colorado Source Water Assessment and Protection Program; and Colorado Nonpoint Source Program. Assessment of the data identified three waste rock piles as contributing the largest quantities of zinc to the watershed. These waste rock piles are targeted for soils analysis in the spring of 2016.

Trout Unlimited has secured $415,000 in funding for additional characterization, restoration planning and construction in Evans Gulch. This project is a joint partnership between Trout Unlimited; Bureau of Land Management; Colorado Nonpoint Source Program; Colorado Water Quality Control Division; Colorado Division of Reclamation, Mining and Safety, Parkville Water District, Freeport-McMoRan Copper and Gold; Colorado Mountain College; Collegiate Peaks Anglers Chapter of Trout Unlimited; local landowners and other local partners.

Cost/Benefit Assessment

The benefits of clean water and healthy environment are challenging to quantify in pure monetary terms. The citizens of Colorado rely on the qualitative benefits as they expect a safe environment in which they can live and thrive Clean Water Act ensures availability of clean, safe drinking water, adequately maintained wastewater treatment facilities, biological diversity, and an aesthetically pleasing natural environment for recreation. The mechanisms for providing such a clean and safe environment are divided among the federal, state, and municipal governments. Therefore, it is difficult to obtain a full accounting of the total cost of water pollution control efforts throughout the state. However, it is possible to quantify federal and state investments for water quality by calculating the funding received under the CWA and other state programs, such as the energy impact program. The list of the combined grants received for water pollution control activities over the last four years is shown below. These amounts exclude all drinking water expenditures. Nonpoint source grant expenditures have also been excluded, as they are addressed in the nonpoint source discussion earlier. All amounts have been rounded to the nearest hundred thousand.

- 2012 - $11.9 million.
- 2013 - $17.2 million.
- 2014 - $24.3 million.
- 2015 - $23.5 million.

Tom's Baby, an eight pound gold nugget mined from French Gulch in 1887, is on display at the Denver Museum of Nature and Science.

Water Pollution Control Revolving Fund Financial Assistance

The State Revolving Fund is a funding mechanism managed by the division's Grants and Loans Unit. In 2012-2015, the division assisted with the planning and financing of a total of 44 water quality improvement projects throughout the state as outlined below in Table 18. These projects have improved water quality and restored and protected classified uses by reducing pollutant loadings through wastewater treatment facility upgrades, aging infrastructure replacement and consolidation with larger wastewater treatment systems. Funding was provided from the Colorado Water Pollution Control Revolving Loan Fund. The total amount of funding in the form of principal forgiveness, zero percent interest or low interest loans was $117,041,797. Please note that projects funded solely with state grant monies have not been included in the table.

TABLE 18: COLORADO WATER POLLUTION CONTROL REVOLVING LOAN FUND

Assistance Recipient	WPCRF Loan Amount	Project Description
South Durango SD	$800,000	The project consists of expanding the treatment capacity of the existing wastewater treatment facility.
Naturita, Town of	$630,064	The project consists of collection system improvements comprising replacement of manholes and replacement of VCP transmission pipe with new PVC transmission pipe.
Hot Sulphur Springs, Town of	$706,000	The project consists of upgrading and replacing the existing wastewater treatment plant aeration, mixing and chemical systems, with new equipment and additional chemical systems to enhance treatment, rehabilitating the collection system, repair of the lagoon liner, and removal of debris lodged in the lagoon outlet pipe.
Simla, Town of	$116,000	The project consists of installation of a lagoon cell bypass pipeline replacement of baffle curtains, removal and disposal of accumulated biosolids, relining the existing cells with synthetic membrane liners and the addition of a security fence.
Mountain W&SD	$2,000,000	The project consists of rehabilitating and upgrading the existing wastewater treatment plant to a sequencing batch reactor treatment plant.
Hayden, Town of	$603,300	The project consists of using the existing aerated lagoon system and adding a new lift station and force main in order to meet revised wastewater effluent limits. I/I problems will be addressed with upgraded lines and manholes during road repair.

Assistance Recipient	WPCRF Loan Amount	Project Description
Rocky Ford, City of	$1,750,000	The project consists of replacement of screw lift pumps, influent composite sampler, influent pipe, lining of the ponds to eliminate groundwater contamination, aeration system to improve treatment performance, and upgrades to monitoring and data collection.
Cherokee MD	$2,000,000	The project consists of the planning, design, and construction of a new preliminary treatment facility.
Huerfano County Gardner W&S PID	$250,000	The project consists of upgrading the current Wastewater Treatment Plant from a groundwater discharging system to a surface water discharge.
Olney Springs, Town of	$573,000	The project consists of modifying the existing unpermitted, non-discharging lagoon system into a two cell lined stabilization lagoon system followed by a pair of constructed wetlands. It also includes the removal and disposal of biosolids as well as existing structures, piping and manholes.
Bayfield, Town of	$600,000	The project consists of collection system improvements.
Cokedale, Town of	$250,000	The project consists of the rehabilitation of the Town's lagoon system, including upgrades to the ponds, equipment, and improvements to the collection system.
Hillcrest W&SD	$533,037	The project consists of the rehabilitation of collection lines and manholes throughout the system.
Fairways MD	$1,563,694	The project consists of the installation of a sodium hypochlorite feed system, upgrading the existing lagoon treatment system by lining the aerated ponds, and adding tertiary filtration.
Mansfield Heights W&SD	$591,500	The proposed project consists of the rehabilitation of aging collection lines, manholes, a lift station and associated appurtenances.
Larimer County LID 2012-1 RGE	$1,227,736	The project consists of a new force main, sanitary sewer lines, decommissioning a lagoon, erosion control, manholes, lift station modifications, and electrical improvements.
South Sheridan WSS&SDD	$1,916,075	The proposed project is to slip line the sanitary sewer lines and manholes throughout the district.

Assistance Recipient	WPCRF Loan Amount	Project Description
Las Animas, City of	$505,000	The project consists of upgrading the UV disinfection system and collection piping replacement at the WWTF.
Pagosa Springs GID, Town of	$2,000,000	The project consists of performing the Governmental Agency's obligations under an Intergovernmental Agreement by and between the Pagosa Springs Sanitation General Improvement District and the Pagosa Area Water and Sanitation District dated January 3, 2012 which will allow decommissioning the GID's existing wastewater treatment facility and constructing force mains and lift stations for conveyance of sewage to Pagosa Area Water and Sanitation District's Vista wastewater treatment facility.
Lyons, Town of	$5,200,000	The project consists of upgrades to the existing wastewater treatment plant to a full sequencing batch reactor system.
La Veta, Town of	$270,000	The project consists of replacing line segments; replacing or rehabbing manholes; and a system-wide flushing and cleaning on the upper reaches of the system. A video inspection will take place prior to any repairs or replacements.
Three Lakes W&SD	$2,000,000	The project consists of the renovation of two regional lift stations at Still Water and Shadow Mountain
Pueblo, City of	$4,179,047	The Project consists of separation of a sanitary main that is located at the invert of a storm main, constructing new storm main and incidental surface improvements.
South Adams County W&SD	$22,191,850	Project includes upgrades to the Williams Monaco Wastewater Treatment facility consisting of biological nutrients removal upgrades, grit removal improvements, and chlorine gas disinfection system replacement with UV light disinfection. In addition the project includes payment of connection fees to Metro Wastewater Reclamation District for capacity at the Northern Regional Wastewater Treatment Plant being constructed by Metro.
Larimer County LID 2013-1 BE	$970,341	The project consists of replacing the existing aerated lagoon wastewater treatment system with a new sequencing batch reactor treatment plant.

Assistance Recipient	WPCRF Loan Amount	Project Description
Cokedale, Town of	$160,000	The project consists of the rehabilitation of the Town's lagoon system, including upgrades to the ponds, equipment, and improvements to the collection system.
Fowler, Town of	$1,400,000	The project consists of upgrades to the Town's wastewater treatment facility's aerated ponds and installation of an ultraviolet disinfection system.
Loma Linda SD	$878,792	The project consists of improvements at the existing wastewater treatment facility including converting the existing lagoon treatment process into a Sequencing Batch Reactor.
Rocky Ford, City of	$697,769	The project consists of replacement of screw lift pumps, influent composite sampler, influent pipe, lining of the ponds to eliminate groundwater contamination, aeration system to improve treatment performance, and upgrades to monitoring and data collection.
Estes Park SD	$3,250,000	The project consists of the construction of a new head works facility.
La Veta, Town of	$120,000	Phase II of the project that consists of replacing line segments; replacing or rehabbing manholes; and a system-wide flushing and cleaning on the upper reaches of the system. A video inspection will take place prior to any repairs or replacements.
Woodland Park, City of	$2,000,000	The project consists of improving and expanding the wastewater treatment facility serving Woodland Park and the surrounding community, thereby significantly improving the quality of the water being discharged into Trout Creek. Improvements include: modifications to the existing aeration basins, addition of the third clarifier, addition of tertiary filtration, addition of ultraviolet disinfection, addition of a dewatering press, and the addition of septic tank screening.
Shadow Mountain Village LID	$430,704	Sewer main, transmission line and service line replacement for phase 2 and 3 of the project

Assistance Recipient	WPCRF Loan Amount	Project Description
Ault, Town of	$2,000,000	This project consists of wastewater treatment facility upgrades, changing to surface water discharge, replacing an existing aerated lagoon system with an extended air activated sludge system utilizing an activated sludge single basin nutrient removal (SBNR) process, head works improvements, conversion to ultraviolet effluent disinfection, new clarifiers, and a new outfall pump station and pit to a new surface water discharge point, increasing permitted organic capacity, and changing effluent discharge method from groundwater to surface water discharge.
La Jara, Town of	$350,000	The project consists of replacing a failing 18-inch diameter transmission sewer line with a new force main, new pump station, manholes, and appurtenant monitoring equipment.
Dinosaur, Town of	$100,000	The project consists of new head works facility and lining of lagoon #2.
La Junta, City of	$13,348,899	The project consists of waste water treatment plant upgrade to an Orbal Oxidation Ditch to include construction or rehabilitation of wastewater treatment plant, new influent head works, pumps, metering, grit collector, new grit building, oxidation ditch, clarifiers, new return activated sludge building, generator, chemical storage, disinfection, waste sludge gravity thickener, digesters, and control building rehabilitation.
Louisville, City of	$31,641,348	This project consists of improvement/expansion of wastewater treatment facilities, improvements and new biosolids handling facilities, collection system and interceptor improvements and expansion.
Monte Vista, City of	$1,396,612	The project consists of rehabilitating the Town collection system with methods that include CIPP, pipe bursting, slip lining and open cutting; replacement of all manholes within the service area; replacement of existing baffle curtains at the Henderson WW and replacement of the Lariat lift station.
Yampa Valley HA (Fish Creek)	$613,768	The project consists of replacing existing sewer collection system to meet current and future needs for a system that exceeded its useful life.

Assistance Recipient	WPCRF Loan Amount	Project Description
Pritchett, Town of	$179,500	The project consist of wastewater treatment facility rehabilitation and improvements to correct lagoon seepage issues and include biosolids removal; lagoon reconfiguration; re-grading, pond lining; influent measurement; level control structures; gates; yard piping and manholes.
Granby, Town of	$2,500,000	The project consists of replacing approximately two miles of gravity sewer line to replace to existing lift stations
Cedaredge, Town of	$1,457,761	The project consists of decommissioning the existing lagoon WWTF and constructing a new SBR facility with aerobic digestion, influent screening, grit removal and disinfection.
Gilcrest, Town of	$1,090,000	The project consists of wastewater treatment facility upgrades, biosolids removal in treatment lagoons, removal and replacement of liners, fencing upgrades, head works upgrades, new blower and controls, upgrades to aeration diffuser system, new blower building, new effluent pump station, new pumps, new dewatering and under drain system, and site work.

Based on the annual survey of local governments across the state, the identified wastewater, stormwater and nonpoint source needs over the next 20 years total approximately $4.5 billion (2016 Water Pollution Control Revolving Fund Intended Use Plan). Wastewater discharge permit requirements, aging infrastructure, and population growth are all factors in creating wastewater infrastructure needs.

Water Pollution Control Revolving Fund Measurable Results Initiative

This portion of the 2016 Integrated Report covers the intent, activities and summaries of the division's Water Pollution Control Revolving Fund Measurable Results Initiative. The initiative systematically measures the chemical, physical and microbiological water quality changes derived from point source pollution control activities funded through the Water Pollution Control Revolving Fund. The fund provides government agencies with affordable financing in the form of low or no interest loans for construction of publicly owned wastewater treatment facilities, stormwater systems, and other pollution control projects. The Grants and Loans Unit within the division administers these funds within Colorado.

The studies administered under these funds determine the effectiveness of various pollution control projects and operations. The information supports the planning and prioritization of future resources to achieve the best possible water quality benefit for Colorado. There are five studies within this initiative program. The studies are described below:

During World War II, the Glenwood Hot Springs resort was closed to the public so it could be used as a US Navy convalescent hospital.

Glenwood Springs Regional Wastewater Treatment Facility

A regional wastewater treatment facility was constructed to replace the treatment occurring at the existing City of Glenwood Springs Wastewater Treatment Facility. A loan of $31,460,100 was provided for the new treatment facility in 2010. Construction began that same year and was completed in August of 2012. Glenwood Spring's staff provided significant support of this study, most notably through sample collection and *E. coli* analysis.

The water quality study included Colorado River, Roaring Fork River and discharge effluent from the old and new facilities. The study began in 2011 and was complete in 2014. Discharge Permit violations were reduced from 18 in the previous three years of operation of the old plan to one after the new facility was constructed. Water quality data summaries are provided in figures below.

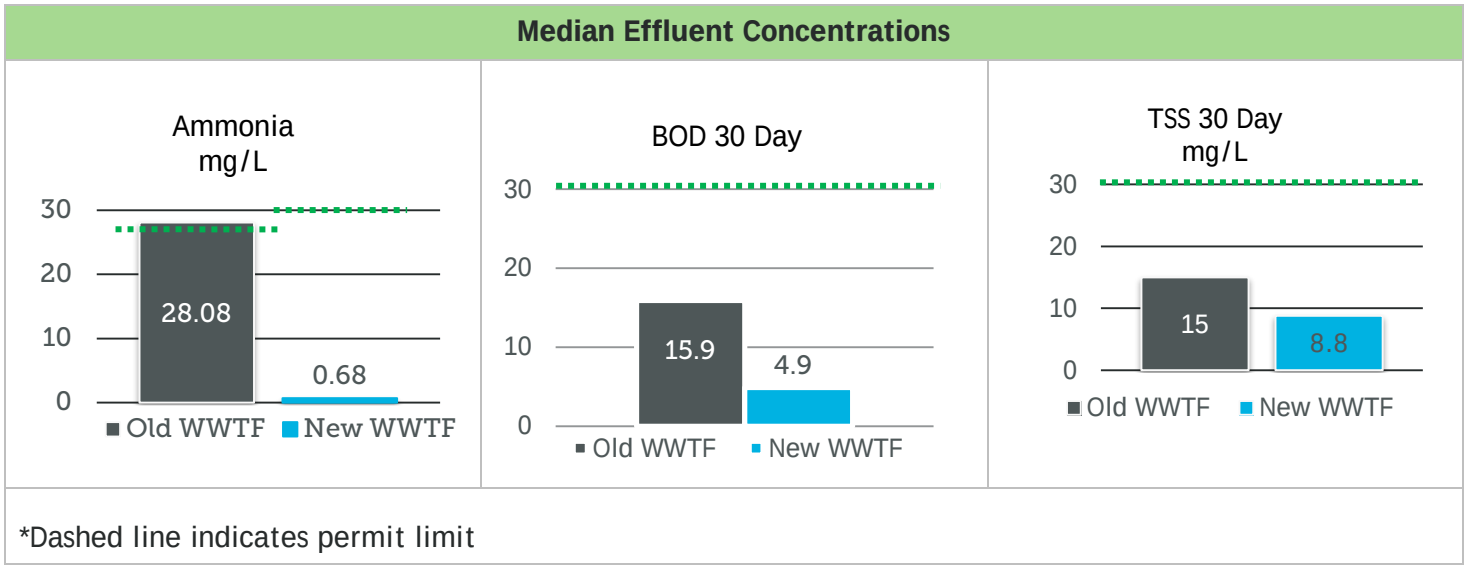


FIGURE 14: MEDIAN EFFLUENT CONCENTRATIONS FOR GLENWOOD SPRINGS REGIONAL WASTEWATER TREATMENT FACILITY

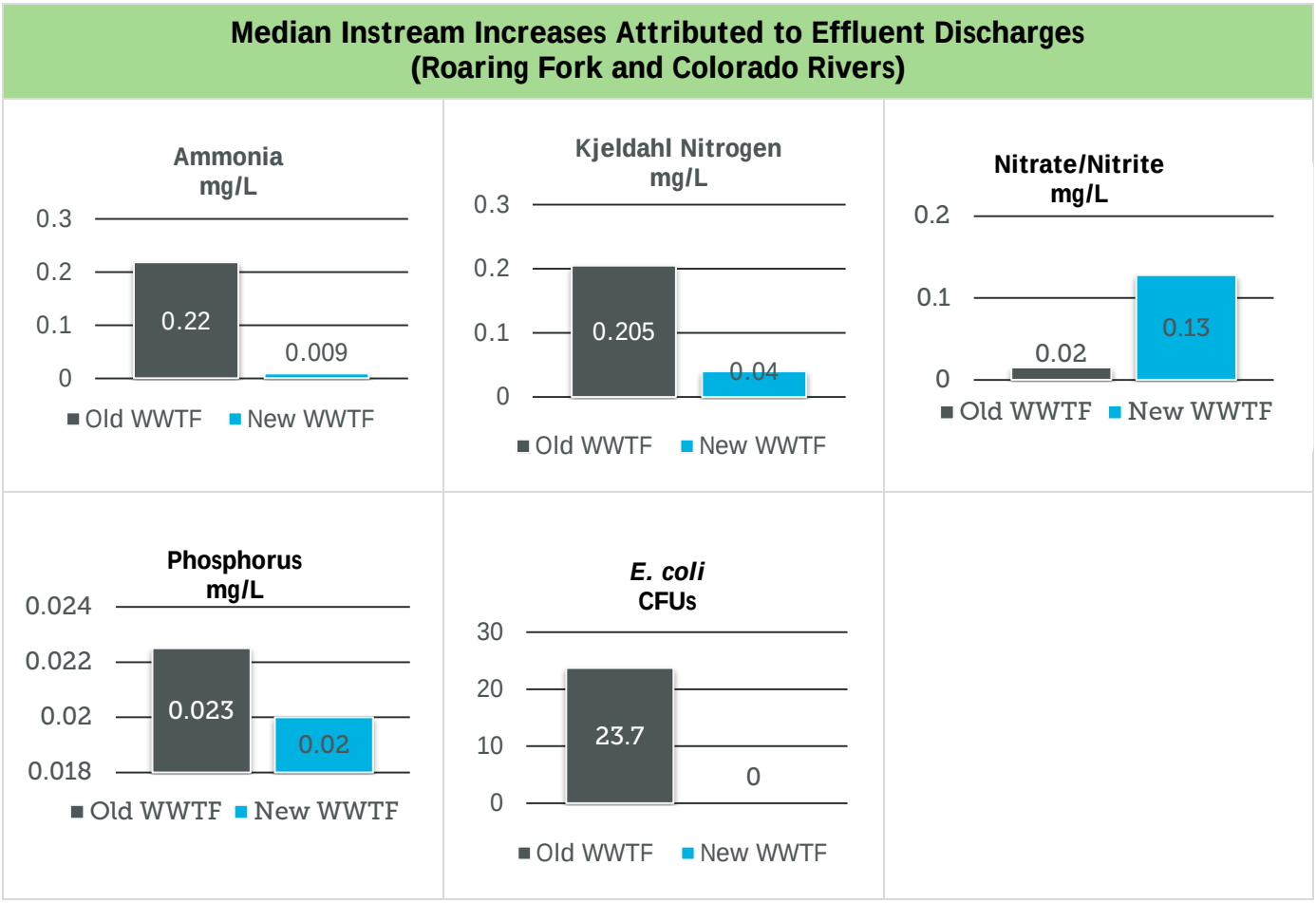


FIGURE 15: MEDIAN INSTREAM INCREASES ATTRIBUTED TO EFFLUENT DISCHARGES FOR GLENWOOD SPRINGS WASTEWATER TREATMENT FACILITY

Boxelder Sanitation District

Boxelder Sanitation District upgraded its wastewater treatment operations to improve effluent water quality and address future ammonia and nitrogen effluent limits. The existing 2.34 million gallons per day aerated lagoon system was replaced by a new 3.0 million gallons per day mechanical treatment system. Construction was completed in 2014.

The water quality study monitors Cache La Poudre River, Boxelder Creek and wastewater treatment discharge effluent. Pre-project sampling was conducted from 2011 to 2014. Post-project characterization began in 2014 and was completed in December of 2015.

Town of Red Cliff Wastewater Treatment Facility

The Town of Red Cliff's Wastewater Treatment Facility is located in Eagle County at an elevation 8,575 feet. The facility discharges to the Eagle River (COUCEA02) at the confluence of Homestake Creek. The water quality goals for this project are to improve effluent water quality to meet existing permit limits. The upgrade project was completed prior to the implementation of this initiative. Therefore, Permit Discharge Monitoring Reports are providing the basis for the pre- and post-data comparison. Data assessment will be completed in 2016.

South Adams County Water and Sanitation District Williams Monaco WWTF

South Adams County Water and Sanitation District received a $20 million loan through the Water Pollution Control Revolving Fund to improve nutrient treatment in 2014. The completion of the plant upgrade is expected in December of 2016. This treatment facility has a design flow of eight million gallons per day and discharges to the South Platte River segment COSPUS15. The commission's Regulation No. 85 requires facilities of this size to monitor effluent and receiving streams for nutrient related parameters on a monthly basis. This initiative is using Regulation No. 85 data to measure the water quality benefit derived from this project.

Town of Cedaredge Wastewater Treatment Facility

The Town of Cedaredge received a Water Pollution Control Revolving Fund loan of $1.45 million to construct a new Sequencing Batch Reactor wastewater treatment facility. The new facility will discharge to Surface Creek segment COGULG07a. The existing facility, which is being replaced, is an aerated lagoon system that was built in 1975. The existing facility discharges to Alfalfa Ditch segment COGULG09. This study began in July 2015 and is expected to be completed in 2018. The study includes monitoring of Surface Creek, Alfalfa Ditch and wastewater effluent of the existing and new facilities. The Town of Cedaredge staff is sharing in the monitoring effort.

Total Maximum Daily Load Development

The maximum pollutant load a waterbody can assimilate and still attain water quality standards is referred to as the TMDL. A TMDL report is developed by the division's TMDL workgroup for waterbodies not meeting water quality standards as identified in Colorado's Section 303(d) List of Impaired Waters and Monitoring and Evaluation List. For those parameters not meeting water quality standards, a TMDL report estimates the waterbody's assimilative capacity, quantifies contributing pollutant sources (both point and nonpoint), determines total allowable pollutant load and allocates the allowable load to the contributing sources. The allocations assigned to point sources are

implemented through effluent limits in discharge permits. Unpermitted wasteload and nonpoint source allocations are implemented through voluntary controls in collaboration with local partners.

During this reporting period, the TMDL workgroup developed TMDLs for nine listed waterbodies for a total of 23 TMDLs addressing parameters not meeting water quality standards. The workgroup also finalized one implementation plan for a waterbody with impairments being addressed through a phased TMDL (Table 19).

TABLE 19: APPROVED TMDLS AND IMPLEMENTATION PLANS, OCTOBER 2011 – SEPTEMBER 2015

Approved TMDLs and Implementation Plans, October 2011 – September 2015			
WBID	**Waterbody**	**Parameters**	**Approval Date**
COARUA08b	Iowa Gulch	Cd, Pb, Zn	10/24/12
COGULG09	Fruitgrowers Reservoir	DO (TP)	02/12/13
CORGAL08	Terrace Reservoir	Fe (Trec)	02/12/13
COSJLP04a	East Mancos River	Cu, Mn	07/25/12
COSPMS04	Barr Lake and Milton Reservoir	DO, pH (TP)	06/27/13
COSPMS04	Barr Lake and Milton Reservoir	Implementation	06/27/13
COSPSV04a	Left Hand Creek, Hwy 72 to James Creek	Cd, Cu, Zn, pH	09/16/15
COSPSV04b	James Creek	Cd, Cu, Pb, Zn	09/16/15
COSPSV04b	Little James Creek	Cd, Cu, Pb, Zn, pH	09/16/15
COSPSV04c	Left Hand Creek, James Creek to Hwy 36	Cu	09/16/15

Development of these TMDLs was preceded by the TMDL workgroup collecting additional water quality data for each of the waterbodies. Data were also collected for selenium, metals, and nutrients (lakes). Mercury TMDLs are currently under development in several basins in the state including: Lower, Middle and Upper Arkansas River, Lower Colorado River, Cache La Poudre River, and Yampa River.

In addition to TMDL development activities, the TMDL workgroup continued to partner with the Nonpoint Source workgroup to advance implementation of TMDL unpermitted wasteload and load allocations. Additionally, the workgroup partnered with the Barr Milton Watershed Association to move forward with its approved TMDL implementation plan. The workgroup also worked with reservoir control regulation management agencies to implement wasteload and load allocations identified in regulation. Specific to unpermitted wasteload and load allocations, there was a focus on developing and implementing plans for Evans and Illinois Gulches (TMDLs approved in 2009 and

2010/2011, respectively). Additional implementation of TMDL unpermitted wasteload and load allocations through projects in partnership with the Nonpoint Source workgroup is summarized in Table 20.

TABLE 20: TMDL UNPERMITTED WASTELOAD AND LOAD ALLOCATION IMPLEMENTATION THROUGH NPS PROJECTS, OCTOBER 2011 - SEPTEMBER 2015

TMDL Unpermitted Wasteload and Load Allocation Implementation through NPS Projects, October 2011 – September 2015			
Approved TMDL	**NPS Project**	**Project Type**	**Year Funded**
COARUA07	Evans Gulch Watershed Plan	Planning	2012
COARUA07	Evans Gulch Restoration	BMP Implementation	2014
COGUUN02	Upper Uncompahgre Watershed Mine Remediation	BMP Implementation	2013
COGUUN4b/4c/12 COGULG02/04	Uncompahgre River Watershed Selenium Control	BMP Implementation	2013
COGUUN4b/4c/12 COGULG02/04	Uncompahgre Selenium Control Lateral Piping	BMP Implementation	2015
CORGCB09b	Kerber Creek Restoration – Phase II	BMP Implementation	2012
COSJAF08/09	Bullion King Mine Waste Remediation	BMP Implementation	2013
COSPBO04a	Perigo/Tip Top Mine Reclamation	BMP Implementation	2014
COSPCL02	Rattler Tunnel	BMP Implementation	2014
COSPCL02b	Middle North Empire Creek Restoration	BMP Implementation	2015
COSPCL02c	Clear Creek Tributaries Sediment Control	BMP Implementation	2012
COSPUS02c	London Mine Reclamation	BMP Implementation	2013
COUCBL06	Sts John Mine Reclamation	BMP Implementation	2013
COUCBL07	Pennsylvania Mine Reclamation	BMP Implementation	2012
COUCBL07	Pennsylvania Mine Reclamation	BMP Implementation	2013
COUCBL07	Pennsylvania Mine Reclamation	BMP Implementation	2014
COUCBL07	Pennsylvania Mine Reclamation	BMP Implementation	2015
COUCBL12	Illinois Gulch Restoration	BMP Implementation	2015

For the next reporting cycle, the TMDL workgroup will develop TMDLs prioritized through a strategy identified as part of EPA's Long-Term Vision for Assessment, Restoration and Protection under the CWA Section 303(d) Program. This vision has five associated goals: prioritization, assessment, protection, alternatives, engagement and integration. The prioritization goal is for states in the 2016 integrated reporting cycle and beyond to review, systematically prioritize and report priority watersheds or waters for restoration and protection to facilitate strategic planning for achieving water quality goals.

As part of meeting the prioritization goal, the TMDL workgroup developed a strategy to prioritize TMDL development and alternative approaches from 2016–2022. The initial phase of the strategy screened the 2012 303(d) List of impaired waterbodies for listings with standards, data or source uncertainties which resulted in 146 pollutant/waterbody combinations identified as higher priorities for TMDL development and alternative approaches of the 348 pollutant/waterbody combinations listed. As illustrated on Figure 16 the 146 pollutant/waterbody combinations are predominantly tied to selenium, metals and *E. coli* causes.

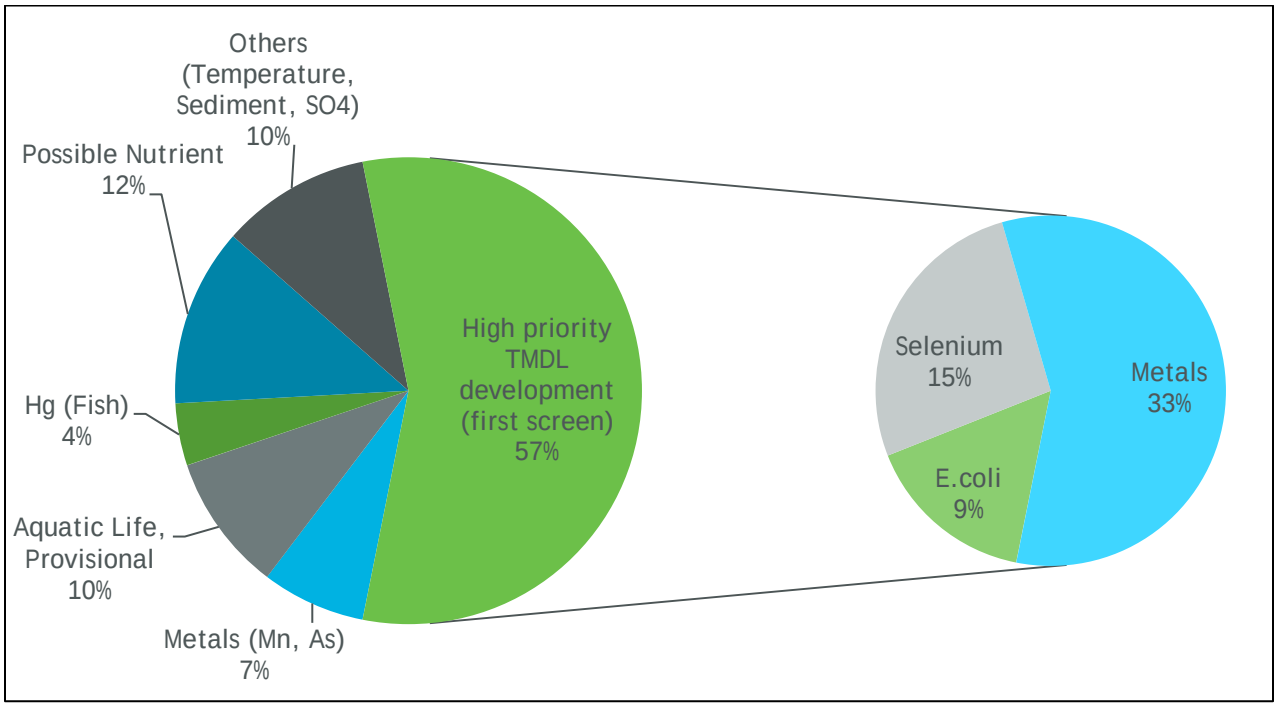


FIGURE 16: METALS, SELENIUM AND E. COLI IDENTIFIED AS HIGHER PRIORITY FOR TMDL DEVELOPMENT IN INITIAL SCREENING.

These 146 pollutant/waterbody combinations were then evaluated by using the Recovery Potential Screening Tool to refine the prioritization. Information such as age of listing, land use, threatened and endangered species, watershed plan in place and local stakeholder involvement was translated into indicators for the Recovery Potential Screening Tool. The output of the Recovery Potential Screening Tool was prioritized by considering factors specifically associated with readiness for development (e.g., data availability, availability of additional characterization information such as source identification, stakeholder involvement). The TMDL development priorities for FFY 2016-2017 (FFY16-17) are shown in Table 1. For these FFY 16-17 development priorities, the only alternative approach being explored is for the copper listing in the Big Thompson, COSPBT01. If after additional scoping an alternative approach is not pursued for this segment, a TMDL will be completed in FFY 17.

TABLE 21: TMDLS TARGETED FOR DEVELOPMENT FFY16-17

TMDLs targeted for development FFY16-17[1]			
WBID	Waterbody	Parameters	Target Year
COARMA04a	Wildhorse Creek	*E. coli*	2016
COARMA18a	Boggs Creek	Se, U	2016
COGUUG07	Slate River, below Oh Be Joyful Creek	Zn	2016
COGUUG08	Slate River, Coal Creek to East River	Cd, Zn	2016
COGUUG10	Oh Be Joyful Creek, wilderness to Slate River	Cd, Cu, Pb, Zn	2016
COGUUG11	Elk Creek	Cd, Pb, Zn	2016
COGUUG11	Coal Creek	Cd, Zn, Mn	2016
COGUUG12	Coal Creek	Cd, Zn, Cu	2016
COSPBD01	Big Dry Creek	*E. coli*	2016
COSPUS15	South Platte, Burlington Ditch to Big Dry Creek	*E. coli*	2016
COARLA01b	Arkansas River, Colorado Canal to John Martin Reservoir	Se	2017
COARLA04	Apishapa River, Timpas Creek	Se	2017
COARLA04	Timpas Creek	Fe(Tr)	2017
COARLA09a, COARLA09b	Tributaries to Arkansas River	Se	2017
COARLA09a	Horse Creek	Fe (Tr)	2017
COARLA09a	Adobe Creek	*E. coli*	2017
COARLA09c	Chicosa Creek	Se, Fe(Tr)	2017
COARLA10	Adobe Creek Reservoir, Nee Gronda Reservoir	Se	2017
COARLA11	John Martin Reservoir	Se	2017
COARLA12	Lake Henry, Lake Meredith	Se	2017

TMDLs targeted for development FFY16-17[1]			
WBID	Waterbody	Parameters	Target Year
COARMA12	Huerfano River	Se	2017
COGUUN07	Gray Copper Creek	Cu	2017
COGUUN09	Sneffels Creek	Cd, Zn	2017
COGUUN14	Sweitzer Lake	Se	2017
COSPBE01c	Bear Creek Reservoir	Chl-*a*, phosphorus	2017
COSPBT01	Big Thompson River	Cu	2017

[1]Segmentation and impairments are based on the 2012 303(d) List of impaired waterbodies. Resegmentation subsequent to the 2012 303(d) listing process has occurred.

Additional information about the TMDL development and alternative approaches prioritization strategy and the targets through 2022 is available on the division's website at www.colorado.gov/cdphe/total-maximum-daily-loads-tmdls. The division and the commission websites also provide more information about TMDL processes and annual activities, as well as links to approved TMDL reports.

Colorado Source Water Assessment and Protection Effort Summary

Colorado Source Water Assessment and Protection is an effort designed to provide the public consumer with information about their untreated drinking water, as well as provide the community with a way to get involved in protecting the quality of their drinking water. The program encourages community-based protection and preventive management strategies to ensure that all public drinking water resources are kept safe from future contamination.

The division completed the initial source water assessment reports for over 1,700 public water systems in November 2004. The results of the assessment reports can be reviewed at: www.colorado.gov/cdphe/swap-assessment-phase

The division's source water assessment and protection effort has transitioned from the assessment phase to the protection planning phase. The long term project goal is voluntary development and implementation of local source water protection statewide. The ongoing success of the program requires a coordinated effort between the division and local interests such as public water systems, interested stakeholders and local governments.

The role of the division is to assist local protection planning efforts by supplying the lead protection entity with the necessary consultation and tools to complete a protection plan. The division has formulated a protection plan template that standardizes the format of protection plans. The template was developed to be user-friendly and accommodate the needs of a broad range of public water systems. The protection plan template provides direction and guidance so systems can

complete the document with an established steering committee to guide the process. The protection plan template is also available on the source water assessment and protection website at: www.colorado.gov/cdphe/swap-protection-phase

Funding for protection planning is available from the State Drinking Water Revolving Fund set-asides. The State Drinking Water Revolving Fund set asides enable the Source Water Assessment and Protection program to provide financial support for protection plan development. The set-asides allow the state to utilize a percentage of its capitalization grant to assist in the development of local drinking water protection initiatives and other state projects. The grant funds will be awarded for Protection Plan Development and Implementation Projects.

Development and Implementation Grants are awarded to public water systems and representative stakeholders committed to developing a source water protection plan. Grants up to $5,000 will be awarded for plan development and for implementation. A one to one financial match (cash or in-kind) will also be required.

Grant proposals are submitted electronically and reviewed by the division. Projects recommended for funding will receive an award notification and a source water grant for the protection planning effort. All grant funds are distributed on a cost-reimbursement basis and invoicing will occur on a quarterly basis. Proposals are accepted throughout the year. Grant awards are subject to the availability of State Drinking Water Revolving Fund set aside funds. For more details on grant requirements, guidance and access to the electronic grant application please visit: www.colorado.gov/cdphe/swap-protection-phase

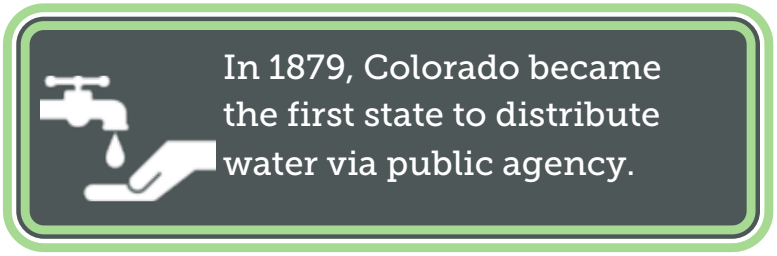
The following table describes the current status of protection planning efforts statewide:

TABLE 22: STATEWIDE SOURCE WATER PROTECTION PLANNING STATUS

Statewide Source Water Protection Planning Status			
State Fiscal Year	**Annual Funding Encumbered**	**Number of Substantially Implemented Protection Plans**	**Population with Protection Plans**
2009	$77,220	17	59,877
2010	$155,390	34	486,154
2011	$149,240	44	548,824
2012	$140,000	79	561,622
2013	$95,000	117	669,575
2014	$146,200	136	721,198
2015	$116,428	153	2,067,586

Colorado's CWA Section 401 Water Quality Certification Program

CWA Section 401 Water Quality Certification is a state certification of a federal license or permit to construct or operate facilities which may result in any discharge to waters of the United States. A 401 Water Quality Certification is required from the division for Section 404 permits issued by the U.S. Army Corps of Engineers, Federal Energy Regulatory Commission licenses for hydropower projects, and other federal permits which involve a discharge into waters of the state, including federal CWA Section 402 permits issued by the EPA. The 401 Water Quality Certification applies to water quality impacts during both the construction and operation of the project for which the federal license or permit is required.



The commission adopted Regulation No. 82, Section 401 Certification Regulation in November 1985 to implement the requirement in the Colorado Water Quality Control Act which became law on June 4, 1985. The regulation authorizes the division to certify, conditionally certify, or deny certification of federal permits and licenses. The certification program defines BMPs applicable to nearly all certifications and procedures for developing conditions to be included with the certification where necessary.

The certification process requires the division to perform a preliminary antidegradation review and draft certification determination of the project for public notice in the *Water Quality Information Bulletin*. Following the month long public comment period the project is reviewed and evaluated with respect to public comment, antidegradation rules, basic standards for surface water and groundwater, water quality classifications and standards, any applicable effluent limitations or control regulations, best management practices to protect water quality, stormwater discharge requirements, and any project specific special conditions. If it is determined that the project will comply with all applicable requirements, the division issues a Regular Certification for the federal permit or license. If the division concludes the project will comply with applicable requirements only if special conditions are placed on the permit or license, the division issues a Conditional Certification. If the division concludes that there is not a reasonable assurance that the project will comply with applicable requirements even with the addition of special conditions, the certification is denied.

The division prepares around 20 401 Water Quality Certifications per year, principally in response to Section 404 individual permit applications to the U.S. Army Corps of Engineers. It is estimated that half of these U.S. Army Corps of Engineers applications are in the South Platte River Basin and are primarily associated with urban growth. In most cases the division issues a Regular Certification requiring utilization of BMPs during construction and operation of the project to protect and maintain water quality. In cases where it is determined that typical BMPs are not adequate to protect water quality or monitoring of water quality is needed to determine if BMPs are functioning as anticipated, the division has developed special conditions in negotiation with the applicant. Many Conditional Certifications incorporate special conditions because the project is situated on an impaired waterbody. The division has denied two projects since 2002. Both projects involved the

applicant completing work prior to the issuance of the 404 permit. They did not use BMPs which later resulted in significant discharges to state waters, and therefore resulted in enforcement actions by the division, the U.S. Army Corps of Engineers and/or EPA.

There are currently several water supply development projects proposed in Colorado that will require a 401 Water Quality Certifications. These projects are associated with the diversion and storage of water in response to urban development and projected population growth. The potential impacts to water quality and stream flow have generated a fair degree of controversy. The division issued a conditional 401 Water Quality Certification for one of these water supply development projects, the Southern Delivery System in Colorado Springs, in 2010 which was appealed to the commission. The commission upheld the division's certification and the petitioners appealed to state District court. The case was eventually appealed to the state Appeals Court and the state Supreme Court. The state Supreme Court did not hear the case supporting the lower Appeals Court and the commission's original decision supporting the division's original certification.

In addition, many Federal Energy Regulatory Commission licenses are expiring and need renewal. Several current water storage facilities are also adding or increasing hydropower capacities, which require a 401 Water Quality Certification.

Colorado's Clean Lakes Program, CWA Section 314

Colorado has approximately 1,533 publicly owned lakes of greater than 10 surface acres. The total surface acreage of these lakes has been estimated at 249,787. Significant publicly owned lakes are defined as those natural lakes, reservoirs, or ponds where the public has access to recreational activities, such as fishing and swimming, or where the classified uses, such as water supply, affect the public.

The division monitors lakes to assess if lakes are in attainment of their designated uses by comparing water quality measurements against applicable lake standards. If the division identifies water quality problems in the assessment of data collected within this program, formal action could result with placement of lakes on the 303(d) List of impaired waters or the M&E List. For lakes already listed as impaired, continued sampling provides an opportunity to validate listing or to support removal from the 303(d) List. Data could also be used in the development of a TMDL. Finally, data from the lake monitoring program can help prepare for the adoption of new standards (e.g., nutrient criteria), or help the division anticipate emerging needs for standards (e.g., pesticides).

As part of the division's preparation for the annual water quality standard hearings, each quadrant of the state is the focus of the sampling efforts for a given year, as shown. In addition, every fifth year is devoted to revisiting lakes on the M&E List.

TABLE 23: SAMPLING LAKES IN THE MAJOR RIVER BASINS IN PREPARATION FOR BASIN STANDARDS REVIEW

Sampling lakes in the major river basins in preparation for Basin Standards Review		
Basins	**Sampling Year**	**Basin Hearing Review Year**
Upper/Lower Colorado	2011	2014
South Platte	2012	2015
Open (Basic Standards)	2013	2016
San Juan/ Gunnison	2014	2017
Arkansas/ Rio Grande	2015	2018

Each summer, approximately 10 lakes are chosen from the basin of focus to visit three times each through the growing season (June-September). Between 15 and 20 lakes from the basin of focus for the following year are also visited one time each in late August to help with site selection for when this basin is the focus of monitoring efforts. Lakes are prioritized for the following reasons: 1) if the lake provides insight into water quality trends in the basin 2) if the lake is on the M&E List and 3) if the division has little or no data from a lake.

During the four year period considered in this report (7/2011 -7/2015), the division monitored 41 lakes. Many of these lakes were visited a minimum of three times each. The lake and reservoir monitoring efforts provided data to evaluate the trophic status of Colorado lakes and reservoirs. The data were also used to assess attainment of water quality standards. As part of the lake assessments, the division also considers data collected by other agencies. Routine monitoring of publicly owned reservoirs was performed by the USGS, U.S. Army Corps of Engineers, Denver Water, and various other entities including cities, regional council of governments, and river basin associations. The primary purpose for monitoring lakes in Colorado is to assess if lakes are in attainment of their designated uses by comparing water quality measurements against applicable lake standards. If the division identifies water quality problems in the assessment of data collected within this program, formal action could result with placement of lakes on the 303(d) List of impaired waters or the M&E List. Below is a pie chart that indicates the number of proposed lake listings for the 2016 303(d) List that are associated with each parameter (see Figure 17).

Almost 90% of Colorado's naturally occurring lakes are found at altitudes above 9,000 feet.

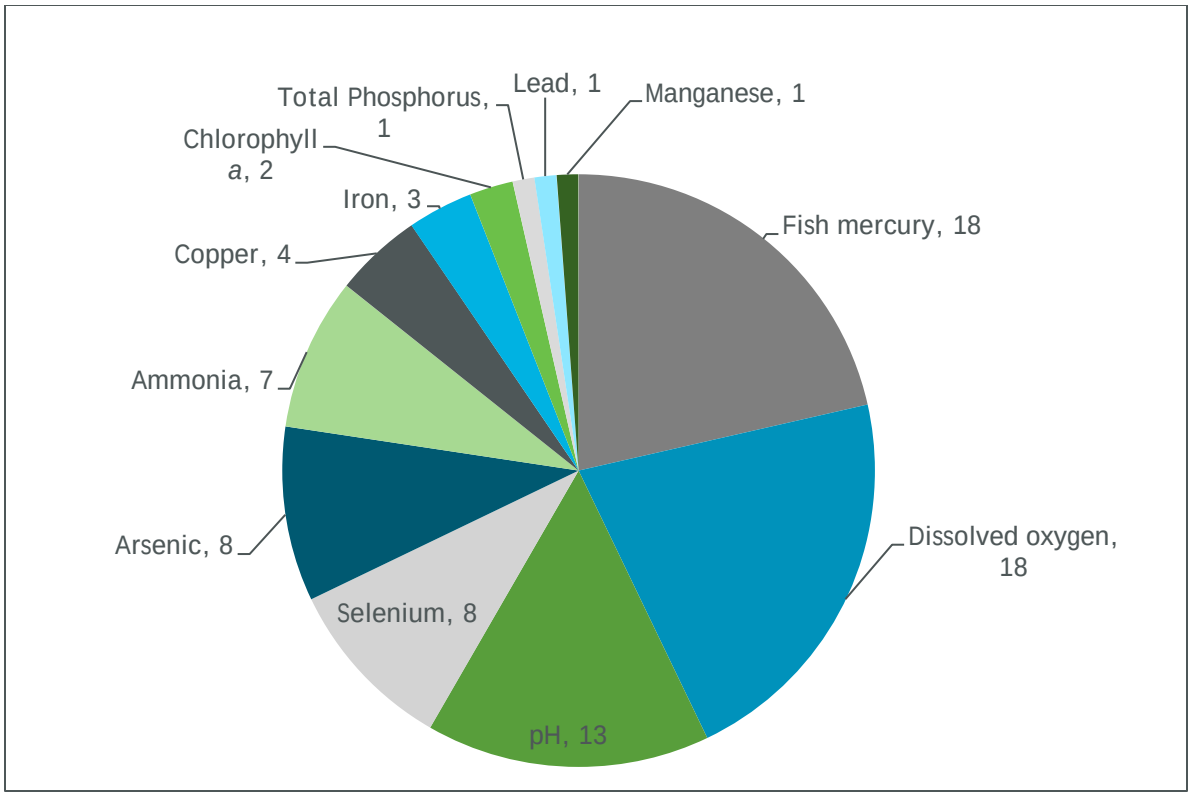


FIGURE 17: NUMBER OF LAKE 303(D) LISTINGS BY PARAMETER

High Alpine Lake Monitoring

A project to monitor high alpine lakes was initiated and conducted in the summers of 2011 and 2012. Seventeen lakes in the Rawah and the Flattops Wilderness areas were sampled by horseback. These lakes were located at high elevations and required rafts to sample. A contract outfitter (AJ Brink Outfitters) supported both trips to assist with the transportation of equipment and water samples to the sampling locations. Routine chemistry and profile data was collected from all lakes sampled. The purpose of the project was to gather baseline water quality data from high alpine, natural lakes that are typically not sampled as a part of the division's routine lake monitoring program. The purpose was also to investigate the feasibility of collecting water quality information on the high alpine lakes in Colorado.

When water quality results from high alpine lakes were compared to water quality standards, all standards were attained with the exception of pH. For several lakes, the pH measurements were less than the minimum standard of 6.5. This was not surprising due to the low hardness and buffering capacity of lakes from this elevation. Of the 20 parameters analyzed as a part of this study, only 9 parameters had levels above the method detection limits. Most samples analyzed had concentrations too low for instruments to detect.

The cost per person per day to sample lakes in the high alpine wilderness was $150. This included the cost of the outfitter, food and transport of all equipment. Although planning the logistics for this type of trip took several weeks, the cost was essentially equal to the cost per person per day for routine sampling from lower elevation streams and lakes.

Colorado Parks and Wildlife Partnership

For the summers of 2013 and 2014, the division partnered with the invasive species program within Colorado Parks and Wildlife to increase the number of water quality samples collected from lakes across the state by leveraging field support to collect samples. The division loaned three multi-probes to Colorado Parks and Wildlife crews who were already planning on sampling lakes statewide for zebra and quagga mussels. The division also supplied bottles and paid for the analysis of water quality samples collected by each field crew. This resulted in greater than 150 lakes sampled statewide. This data was used by the division as a screen to focus monitoring efforts in the future. The data was also used by Colorado Parks and Wildlife to assess risk of Colorado lakes and reservoirs to invasion of nuisance mussels.

Fish Consumption Advisory Program

Background

The division conducts an on-going study investigating the presence of certain contaminants (such as mercury, arsenic, and selenium) in fish that can potentially be consumed by the public. The results of this study are the basis for issuing fish consumption advisories in Colorado in order to protect public health. The advisories also address human health risk questions associated with consuming fish potentially contaminated with certain chemicals of concern. The division works closely with the Department of Natural Resources, Division of Parks and Wildlife, and Colorado Department of Public Health and Environment Disease Control and Environmental Epidemiology Division in the collection of data, the analysis of the data, and the determination of human health risks from consumption of locally caught fish. Public health experts and scientists from these agencies serve as the Fish Technical Advisory Committee.

Fish Consumption Advisories

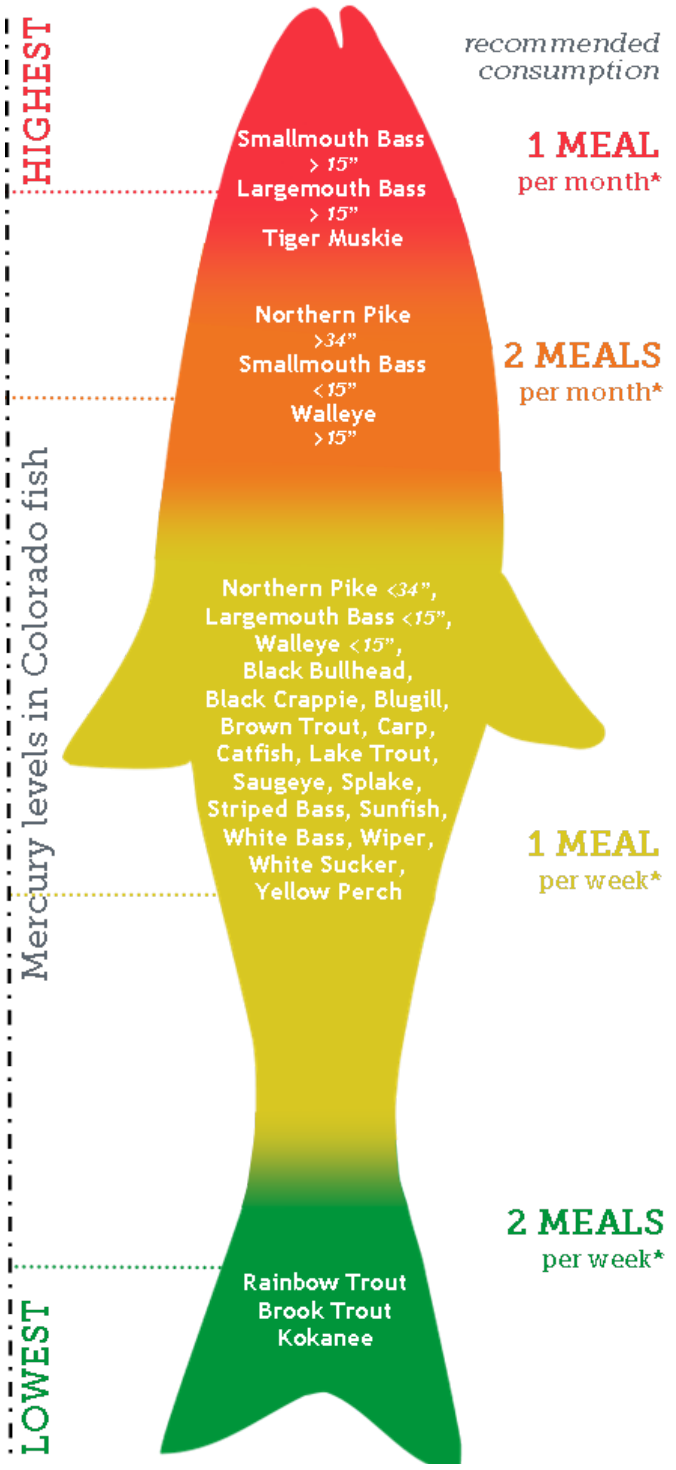
Fish consumption advisories are currently issued for fish species in water bodies where the weighted mean mercury of at least 10 samples is greater than or equal to 0.3 mg/kg. Some advisories were issued using previously employed methodologies. These advisories have been retained until sufficient data can be assessed using the current methodology. Advisories for 23 water bodies are currently issued by the department based on this approach (approximately 19% of the tested water bodies). These are listed on the state's web site www.colorado.gov/cdphe/wq-fish-consumption. Since 2012, new advisories based on mercury levels have been issued for Big Creek Reservoir, Cheesman Reservoir, Puett Reservoir, and Milavec Reservoir. Adjustments have been made to the advisories for Berkeley Lake, Carter Lake, Elkhead Reservoir, Horsetooth Reservoir, Rocky Mountain Lake, and Vallecito Reservoir. The following water bodies have had mercury-based fish consumption advisories removed: Boyd Lake, Juniata Reservoir and Lake Granby.

The division also maintains a fish consumption advisory for Sweitzer Lake due to selenium levels in the fish. The Willow Springs Ponds were formerly listed due to PCE, but this listing has since been removed due to successful remediation practices since 1998 and the revised EPA standards for PCE toxicity. A 2014 evaluation by the Colorado Parks and Wildlife, Colorado Department of Public Health and Environment, and EPA Region 8 showed that the PCE levels in fish from Willow Springs Pond are below the health risk based action levels and that removal of both the 303(d) listing and the consumption advisory was warranted.

Statewide Guidelines

Over the past 14 years, the division has analyzed greater than 6,000 fish tissue samples from Colorado to determine trends in mercury concentration throughout the state. Fish tissue data from this study and across the country show that larger, predator fish species tend to have higher levels of mercury compared to smaller species at the base of the food chain. Based on this trend, the technical advisory committee has developed statewide guidelines for fish consumption using data from throughout the state. These statewide guidelines were created using weighted mean mercury levels for each individual species. The guidelines include fish meal recommendations by species for the general public and sensitive populations (children under six year of age and women who are pregnant or may become pregnant). This information is available to the public through distributed pamphlets and on the Fish Consumption Advisory Program website. The guidelines are displayed on a color coded graphic which lists common species and recommended meal frequencies.

Prior to 2012, the division assessed the impairment of aquatic life use classifications using a fish tissue action level of 0.5 ppm maximum mercury level. Since 2012, the division has been using a revised approach which compares the weighted mean mercury levels to a 0.3 mg/kg threshold. The division established a minimum data requirement of 30 samples to assess the attainment status of water bodies with elevated mercury levels. This ensures that 303(d) listings are based on statistically valid data sets. As of October 1, 2015, there are a total of 17 impaired waters due to fish tissue mercury according to the new methodology. Since the last report, Boyd Lake and Lake Granby have been removed. Willow Springs Pond has also been removed due to previously described PCE levels. Cheesman Reservoir was added to the list in 2015.



*Recommendations for the general population. Individuals that are considered high risk should follow more detailed guidelines, available on http://www.colorado.gov/cdphe/fish

Mercury Remediation Studies

A nonpoint source funded project sponsored by Colorado State University continued in 2014 on two mercury impaired reservoirs on Colorado's 303(d) List (Horsetooth and Elkhead Reservoirs). Extensive biological and water quality data was collected in a collaborative effort with the Colorado Parks and Wildlife, the City of Fort Collins and the Northern Colorado Water Conservancy District. This project is to support TMDL development and evaluate ways to reduce mercury bioaccumulation through food web manipulation. Preliminary results suggest that food web manipulation (e.g. stocking prey fish) can alter mercury bioaccumulation dynamics (e.g. decrease levels of mercury in predator fish). The division may be able to incorporate this information into management plans for reservoirs that contain fish with high levels of mercury.

Part D. Groundwater Monitoring and Protection

Groundwater well head In Rocky Mountain National Park.

Part D. Groundwater Monitoring and Protection

Colorado's Groundwater Program

Groundwater is a vital resource for the citizens and residents of Colorado. Approximately 20 percent of the state's population receives its drinking water from groundwater. State authority for groundwater quality protection is found in the Colorado Water Quality Control Act. Under the act, the principal responsibility for protecting the groundwater of the state is vested in the commission and the division of the Colorado Department of Public Health and Environment.

Prevention of groundwater pollution is a recognized state goal. The state groundwater protection goal was articulated in a 1985 Executive Order, which is: The goal of the State of Colorado is to provide maximum beneficial use of the groundwater resources while assuring safety of the users by preventing or controlling activities that have the potential to impair existing or future beneficial uses of groundwater or to adversely affect public health.

Groundwater protection in Colorado is diverse, with a number of state agencies undertaking varying roles in providing water quality protection and assessment. A number of these agencies, referred to as groundwater standards implementing agencies, are charged with protecting groundwater under separate federal or state legislation. The following is a discussion of the groundwater standards implementing agencies.

Agricultural Chemicals and Groundwater Protection Program

The Agricultural Chemicals and Groundwater Protection Program is a collaborative program between the Colorado Department of Agriculture, Colorado State University Extension and the division. The Department of Agriculture is the lead agency in the Chemicals and Groundwater Protection Program. The purpose of the Chemicals and Groundwater Protection Program is to reduce agricultural chemicals' negative impacts on groundwater and the environment. Agricultural chemicals covered under this legislation include commercial fertilizers and all pesticides. The Chemicals and Groundwater Protection Program's monitoring program has prioritized its sampling in basins where agriculture predominates and rural homes utilize groundwater. The groundwater quality data can be found through the Program's website.

Division of Oil and Public Safety

The Division of Oil and Public Safety (DOPS) has groundwater quality responsibilities under the Resource Conservation and Recovery Act (RCRA), Subtitle I of 1976 as amended. DOPS regulates the assessment and remediation of petroleum releases from underground storage tanks within Colorado, which are predominately from commercial gasoline stations.

Division of Reclamation, Mining and Safety

The Division of Reclamation, Mining, and Safety (DRMS) is responsible for mineral and energy development, policy, regulation and planning under the Colorado Mined Land Reclamation Act and the Colorado Land Reclamation Act for the Extraction of Construction Materials. DRMS implements the Water Quality Control Commission's groundwater standards in permitted mining activities in the state, which includes mineral mining, sand and gravel mining, and coal mining.

Division of Water Resources

The Division of Water Resources (DWR), also known as the Office of the State Engineer, administers water rights, issues water well permits, represents Colorado in interstate water compact proceedings, monitors streamflow and water use, approves construction and repair of dams and performs dam safety inspections, issues licenses for well drillers and assures the safe and proper construction of water wells, and maintains numerous databases of Colorado water information.

Colorado Oil and Gas Conservation Commission

The Colorado Oil and Gas Conservation Commission (COGCC) is an implementing agency for groundwater quality standards and classifications adopted by the Water Quality Control Commission (WQCC) for groundwater protection.

The COGCC issues permits for the drilling and operation of oil and gas wells, regulates production pit construction and operation, and enforces rules and regulations for the spacing of wells, wellbore construction and well site reclamation. Rules for the abandonment of wells and for the treatment and disposal of oil and gas production waste are also enforced. COGCC rules implement the statutory charge to prevent significant environmental impacts to air, water, soil or biological resources caused by oil and gas operations.

Hazardous Materials and Waste Management Division

The Hazardous Materials and Waste Management Division is responsible for administering the RCRA and related programs. The division regulates solid waste management, treatment and disposal facilities, and hazardous waste generation, storage, transportation, treatment, and disposal. The division assists in the cleanup of hazardous waste sites including CERCLA/Superfund sites and uranium mill tailings. Other programs include participation in "brownfields" redevelopment through implementation of the Voluntary Cleanup and Redevelopment Act and cleanup assistance within the solid waste and hazardous waste programs both federal and non-federal.

Water Quality Control Division

The division regulates the discharge of pollutants into the state's surface and groundwater under the provisions of the Colorado Water Quality Control Act of 1974. The protection and maintenance of water quality is achieved by issuing permits specifying the types and amounts of pollutants that may be discharged without violating the state water quality standards. The permits issued by the division to protect groundwater quality are primarily for the discharges to groundwater from domestic wastewater treatment facilities that have a design capacity of greater than 2,000 gallons per day. The division also permits discharges to groundwater that are not covered under the authority of another groundwater standards implementing agency.

Part E. Safe Drinking Water Program

Part E. Safe Drinking Water Program

This section provides an overview of the Water Quality Control Division Safe Drinking Water Program.

Colorado Safe Drinking Water Program

The Safe Drinking Water Program ensures that public drinking water systems always provide safe drinking water to the citizens and visitors in the state. The program adopts and enforces regulations and provides assistance and incentives that further protect the quality of drinking water supplied by public drinking water systems. The Safe Drinking Water Program of the Colorado Department of Public Health and Environment is housed within the division which administers two major federal statutes as authorized by Colorado law: the CWA and the Safe Drinking Water Act.

The sections/units that implement the overall Safe Drinking Water Program and the services provided to external entities by each unit are listed below.

- Drinking Water Compliance Assurance Section.
- Engineering Section.
- Field Services Section.
- Grants and Loans Unit.
- Local Assistance Unit.

An organizational chart for the division is included in Figure 19 at the end of this section for better clarity.

Drinking Water Compliance Assurance Section

The Drinking Water Compliance Assurance Section is responsible for developing and maintaining Colorado's drinking water regulations and policies. The section also implements and enforces drinking water standards, monitoring and reporting requirements. They provide compliance assistance and training to the regulated public water systems and operators. Additionally, they respond to drinking water emergencies and follow up with systems regarding associated requirements and issues. Lastly, the section is responsible for collecting and managing the monitoring data and other information that is utilized to assess and track water systems' compliance with the regulations and to provide infrastructure and related information that is critical to timely and effective response in emergency situations. This also includes responsibility for administration and maintenance of the program's database of record, the EPA Safe Drinking Water Information System and the program's Electronic Data Portal, which provides a secure, effective and simple means for water systems and operators to submit information electronically.

Engineering Section

The engineering section operates under the safe drinking water program as well as the clean water program. This section reviews designs for drinking water infrastructure, determines eligibility for state revolving loan fund projects, provides assistance for enforcement related actions, and responds to water treatment or distribution system failures and water quality/safety complaints/inquiries.

Field Services Section

The field services section is responsible for conducting field inspections of public water suppliers and permitted wastewater facilities. The types of inspections, frequency of inspections and the process for inspections are all done in accordance with applicable regulations. Depending on specific field

findings during the inspection, the section will typically provide preliminary compliance assistance. The field service section is also responsible for responding to spills and field response during drinking water acute situations.

Local Assistance Unit

The purpose of the Local Assistance Unit is to provide training, technical assistance, and management support services to public water systems so they can strengthen their ability to supply safe drinking water to the public. Unit activities include:

• **Coaching and Assistance** • **Pursuing Excellence Awards Program** • **Capacity Building Partners** • **Expert Advice and Assistance on Operator Certification Policy and Regulation**	• **Training Events** • **Security and Emergency Response** Services • **Unit Reports and Publications** • **Facilitation of the Completion and Implementation of Source Water Protection Plans**

The goal of the capacity development program is to assist public water systems with the elimination of technical, managerial and financial capacity deficiencies and thereby ensure the consistent delivery of safe drinking water. The capacity development program identifies capacity deficiencies both in systems that are currently in compliance, and in systems that are not in full compliance. Once a system's capacity deficiencies are identified, resources are directed to assist systems to eliminate the deficiencies. The division intends for this capacity development program to better enable Colorado's public water systems to consistently provide safe drinking water, thereby preventing waterborne diseases.

Technical capacity is the physical and operational ability of a water system to consistently provide safe drinking water. Technical capacity refers to the physical infrastructure of the water system, including the adequacy of source water and the adequacy of treatment, storage, and distribution infrastructure. It also refers to the ability of system personnel to adequately operate and maintain the system and to appropriately apply technical knowledge to consistently provide safe drinking water.

Managerial capacity is the ability of a water system to conduct its affairs in a manner that ensures that the system achieves and maintains compliance with the Colorado primary drinking water regulations. Managerial capacity refers to the system's institutional and administrative capabilities and considers the structure, and constructive linkage to external entities including customers, regulators and assistance sources.

Financial capacity is a water system's ability to acquire and manage sufficient financial resources to allow the system to achieve and maintain compliance with the state primary drinking water regulations. Associated elements include having sufficient revenue to cover costs, access to credit through public or private sources, and use of standardized and accepted accounting, budgeting, and planning techniques.

Grants and Loans

The Grants and Loan Unit is responsible for planning and design grants. The unit is also in charge of the infrastructure improvement state revolving loan processing. The State Revolving Fund Program is discussed in depth in Part C of this report.

Below is a summary of two initiatives administered by the Safe Drinking Water Program:

Colorado Drinking Water Pursuing Excellence Awards Program

The Colorado Drinking Water Pursuing Excellence Awards Program is an initiative sponsored by the Colorado Safe Drinking Water Program within the division of the Colorado Department of Public Health and Environment. The Colorado Safe Drinking Water Program originally introduced the concept of an excellence program in the Colorado Capacity Development Work Plan for SFY 2006-2008. Surveys from 2012 operator training revealed industry desire for an awards program to recognize exceptional operators and drinking water systems. The current program was established in 2014 after an extensive collaborative effort with drinking water utilities, training partners and universities. An important characteristic of the program is that all systems can pursue excellence in a way that is flexible, challenging and achievable for them. One goal of the program is to recognize systems that go above and beyond their regulatory compliance obligations, while encouraging systems to document and share their processes with other participants. Another goal of the program is to provide resources through a collaborative approach with systems so they can go beyond compliance and optimize their systems for improved performance.

All systems in the program are required to document goals in source water protection, treatment and distribution. In addition to documentation requirements, all systems pursuing excellence must submit optimization action plans. These plans detail how a system attempts to optimize or improve system operations.

CoWARN

The division participates in Colorado Water/Wastewater Agency Response Network (CoWARN), which is a statewide network of utilities helping utilities to prepare for the next natural or human caused emergency and facilitate mutual aid during emergency situations. Its infrastructure includes a secure web-based event tracking system and a practical mutual aid agreement designed to reduce bureaucratic red tape. Participation in any response is voluntary and membership in CoWARN does not obligate members to offer aid. The CoWARN mission is to support and promote statewide emergency preparedness, disaster response, and mutual assistance matters for public and private drinking water and wastewater utilities for natural and human-caused events.

CoWARN is *NOT* a for-profit organization or a government program. It is a partnership between utilities, the state primacy agency (the division) and utility professional organizations. Overhead is

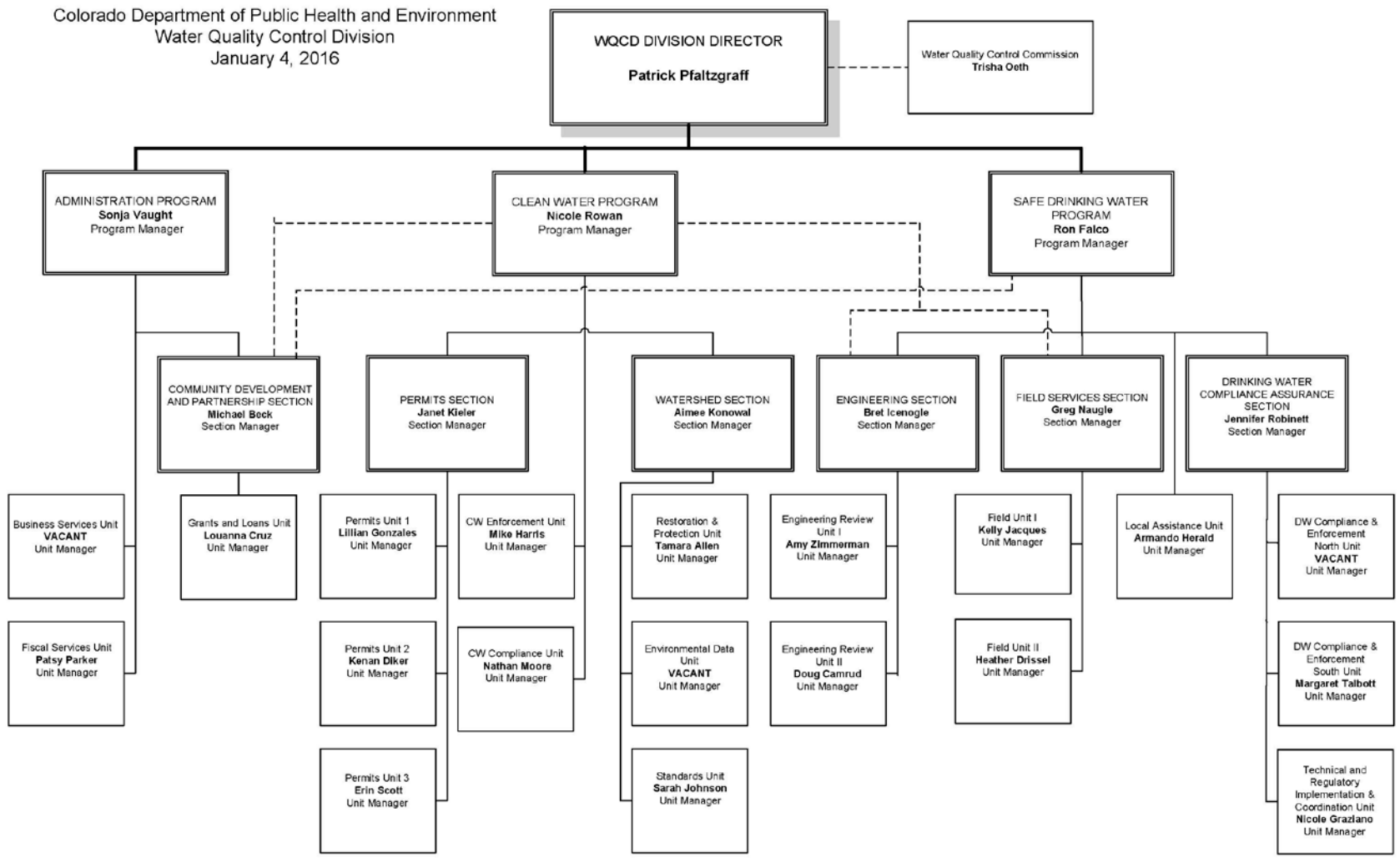
financed by the Colorado Department of Public Health & Environment; however, operational and procedural decisions are made by the utilities themselves.

CoWARN works with various partners linking the Colorado water community to provide resources and services:

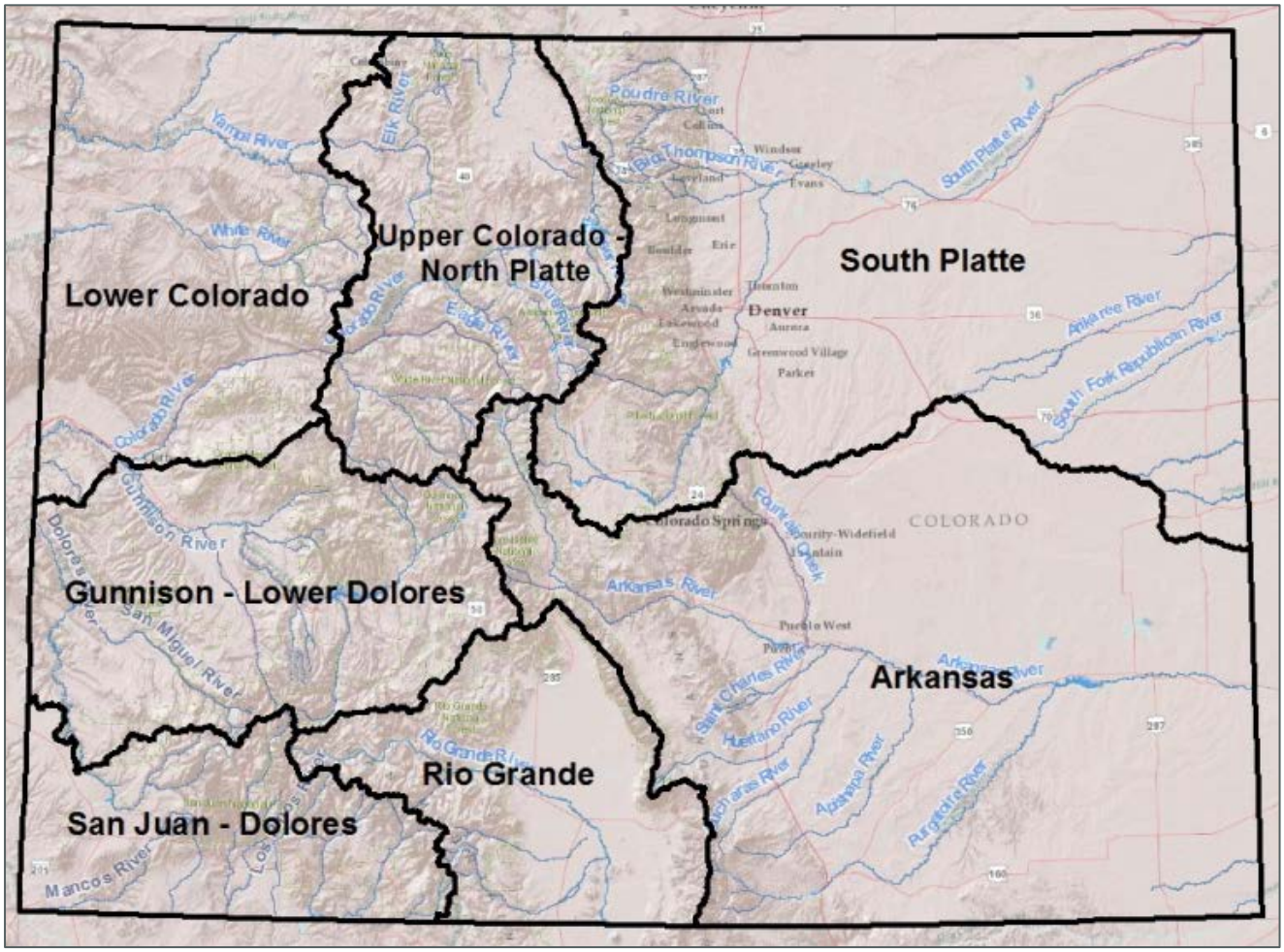
- Business continuity planning.
- Preparedness aids - tools and security protocols to aid in continual risk assessment and updating emergency response plans.
- Message mapping - A series of updated boiler plate public information and press release templates tailored to provide immediate public response.
- Communications -
    - Annual statewide meetings to bring together both significant state authorities and national interests, providing the best and latest insights to power a utility's ongoing preparedness process. These meetings will include workshops in utilizing CoWARN to the best advantage.
    - Technologies to facilitate sharing of information between members.
- Outreach - Through cooperating entities, CoWARN will offer emergency preparedness and related regulatory liaison services to requesting members.
- Exercises and training.

Through CoWARN, technical support is provided to communities as needed. Because of this network, assistance from many disparate sources can be mobilized very quickly.

FIGURE 18: ORGANIZATION CHART OF CDPHE



Part F. Basin Summaries



PART F. BASIN SUMMARIES

This section provides an overview of the beneficial use attainment by basin. There are seven river basins in Colorado based on the commission water quality standards basins: Arkansas, Upper Colorado and North Platte, San Juan and Dolores, Gunnison and Lower Dolores, Rio Grande, Lower Colorado and South Platte.

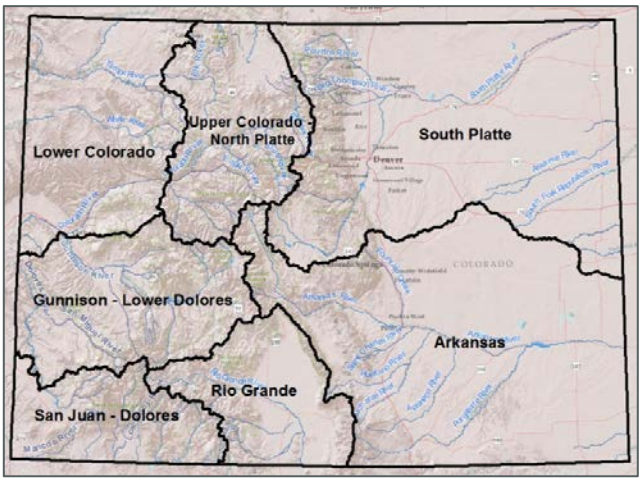


FIGURE 19: RIVER BASINS IN COLORADO

The state of Colorado forms a nearly perfect square and encompasses 104,247 square miles or over 66.7 million acres. Colorado's geography is diverse, ranging from rugged, mountainous terrain to foothills, plains, plateaus, mesas, and canyons.[9] The state's ecological diversity is enormous.[10] The Continental Divide runs in a north/south direction along the Rocky Mountains through west-central Colorado, creating a western slope and an eastern slope. Colorado's mean elevation is 6,800 feet. Its highest point is Mt. Elbert at 14,433 feet, southwest of Leadville; its lowest point is at 3,315 feet on the Arikaree River at the Kansas border. Mt. Elbert is the 14th highest peak in the United States, including mountain peaks in Alaska. There are 58 mountain peaks in Colorado over 14,000 feet high and more than 1,000 over 10,000 feet high.[11]

As was previously mentioned, Colorado is home to seven major river basins. Four of the seven rivers (Arkansas, South Platte, Republican, and Rio Grande) flow east from the Continental Divide toward the Gulf of Mexico. The remaining three rivers –the Colorado, Green, and San Juan – flow west of the Continental Divide toward the Pacific Ocean. The headwaters of six of the seven rivers— Arkansas, Colorado, Green, South Platte, Rio Grande, and San Juan—originate in Colorado's mountains. Republic River starts in the plains of Colorado. There are over 93,000 stream miles statewide.[12]

[9] Colorado State Archives. 2001. Colorful Colorado Geography. Denver, CO.
[10] Chapman, S.S., G.E. Griffth, J.M. Omernik, A.B. Price, J. Freeouf, and D.L. Schrupp. 2006. Ecoregions of Colorado (color poster with map, descriptive text, summary tables, and photographs). U.S. Geological Survey, Reston, Virginia (map scale 1:1,200,000).
[11] Colorado State Archives. 2001. Colorful Colorado Geography. Denver, CO.
[12] Calculations are based on Colorado's GIS data version of the National Hydrography Dataset at 1:100,000 resolution.

Arkansas River Basin

The Arkansas River Basin includes waterbodies in the following counties: Lake, Chaffee, Custer, Fremont, El Paso, Pueblo, Huerfano, Las Animas, Otero, Bent, Prowers, Baca, Kiowa, Cheyenne, Lincoln, Teller, and Elbert. Major segments within the basin include: Arkansas River, Pueblo Reservoir and Fountain Creek.

The Arkansas River is the sixth longest river in the United States at approximately 1,460 miles.[13] It begins in Colorado's central Rocky Mountains and flows generally to the east and southeast through the Great Plains of Kansas, northern Oklahoma and Arkansas. The river is spatially the largest river in Colorado, covering 27 percent of the state's surface area, an area of 28,268 square miles. The river begins at Mt. Elbert, which is at 14,433 feet, and its tributaries begin near Leadville, Colorado (Lake County). The river drops to 3,340 feet at the Colorado-Kansas state line, near the town of Holly in Prowers County. The altitude change is more than 11,000 feet.

The northwestern portion of the Arkansas River Basin consists of steep mountain slopes, some wetlands, glaciated lakes, and high-gradient headwater and perennial streams. The river gushes through the steep valleys of the Rockies, dropping 4,600 feet in 120 miles. The Arkansas River valley widens and flattens markedly at Canon City, Colorado. Just west of Pueblo, Colorado, the Arkansas River enters the High Plains. There, the river has wide, shallow banks. This region has intermittent

Arkansas River near Pueblo.

[13] Kammerer, J.C. 1990. Largest Rivers in the United States. Water fact sheet. U.S. Department of the Interior, U.S. Geological Survey, Reston, Virginia.

streams and a few large perennial streams that originate in the mountains.[14]

Land ownership in the Arkansas River Basin is predominantly private (70 percent), followed by the federal government (20 percent) and the state (10 percent).

Assessment Results

For the Arkansas River Basin, 97 percent of the river miles and 68 percent of the lake acres have been asssed; 6.6 percent of the river miles and 1.2 percent of the lake acres are fully supporting all uses. An additional 27.8 percent of the river miles, and 23.5 percent of the lake acres, are supporting some of the classified uses. The individual use support is summarized in Table 24. Selenium, arsenic and manganese are the most common listings for rivers and streams; selenium, copper and dissolved oxygen are the most common listings for lakes and reservoirs.

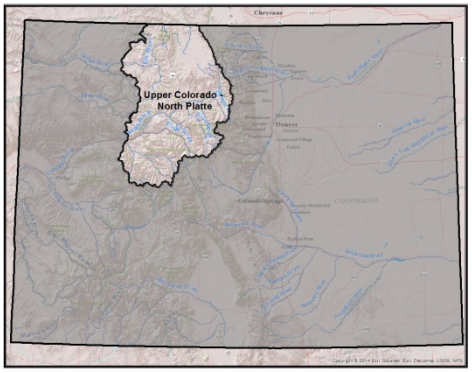
TABLE 24: IMPAIRMENT SUMMARY FOR THE ARKANSAS RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	1,435	865
2	Some uses supporting	6,030	17,330
3a	Not assessed	549	23,343
3b	Insufficient data (M&E list)	9,563	213
4a	TMDL completed and approved	113	0
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	4,029	31,927

The Arkansas River Basin drains 24,904 square miles and is Colorado's largest river basin, yet it has relatively few major tributaries.

[14] Chapman, S.S., G.E. Griffth, J.M. Omernik, A.B. Price, J. Freeouf, and D.L. Schrupp. 2006. Ecoregions of Colorado (color poster with map, descriptive text, summary tables, and photographs). U.S. Geological Survey, Reston, Virginia (map scale 1:1,200,000).

Upper Colorado and North Platte Basin



The Upper Colorado and North Platte basins include the Colorado River, the Yampa River and the North Platte River. The principal tributaries include the Fraser River, Blue River, Eagle River, Gore Creek, Roaring Fork, Snake and Little Snake Rivers. Major reservoirs in this basin include Dillon Reservoir, Grand Lake and Lake Granby.

Elevations in the Colorado River Basin range dramatically from 13,000 feet at the headwaters to approximately 4,300 feet at the Colorado-Utah state line, where the Colorado River exits the state. The Colorado River's headwaters are within the Rocky Mountain National Park, and from there the river flows southwest for approximately 230 miles through Grand, Eagle, Garfield, and Mesa Counties before exiting the state into Utah.

Colorado Parks and Wildlife has designated the Blue River from Dillon Reservoir Dam to the Colorado River, Gore Creek from Red Sandstone Creek to Eagle River, the Colorado River from Windy Gap to Toublesome Creek, the Fryingpan River from Ruedi Reservoir Dam to Roaring Fork River, Roaring Fork River from the Crystal River to the Colorado River, and Gunnison River from Black Canyon to the North Fork of the Gunnison River as gold medal fisheries and considers them areas of high recreational value. In addition, the 15-Mile Reach, the stretch of the Colorado River from the Grand Valley Diversion Dam to the Gunnison River, is an area of valuable habitat for endangered and threatened fish species.[15]

Assessment Results

For the Upper Colorado and North Platte Basin, 87 percent of the river miles and 67 percent of the lake acres have been asssed; 54.1 percent of the river miles are fully supporting all classified uses, with an additional 11.5 percent supporting at least one of the classified uses. For lakes within this basin, 35.8 percent of the lake acres are fully supporting all classified uses, with an additional 20.3 percent supporting at least one of the classified uses. The individual use support for the Upper Colorado and North Platte Basin is summarized in Table 25. Arsenic, aquatic life and temperature are the most common listings for rivers and streams; arsenic, dissolved oxygen and mercury in fish are the most common listings for lakes and reservoirs.

The Yampa River is the last remaining wild, free flowing river in the Colorado River Basin and one of the last free flowing rivers in western United States.

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[15] Colorado Water Conservation Board. 2004. Statewide Water Supply Initiative. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.

TABLE 25: IMPAIRMENT SUMMARY FOR THE UPPER COLORADO RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	5,765	13,100
2	Some uses supporting	1,228	7,439
3a	Not assessed	1,341	12,172
3b	Insufficient data (M&E list)	964	0
4a	TMDL completed and approved	21	0
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	1,339	3,896

Hanging Lake near Glenwood Springs.

San Juan River and Dolores River Basin

The San Juan and Dolores Rivers in southwestern Colorado are both tributary to the Colorado River. The principal tributaries of the San Juan River are the Animas, Florida, La Plata, Los Pinos, Mancos and Piedra Rivers. The main tributary of the Dolores River is the San Miguel River, which originates in Gunnison and Lower Dolores River Basins. The San Juan River and tributaries pass through the Ute Mountain Ute Indian Reservation and the Southern Ute Indian Reservation before exiting the state. The major population areas are Cortez, Durango, and Pagosa Springs. Major reservoirs in the San Juan basin include McPhee Reservoir, Vallecito Reservoir and Narraguinnep Reservoir.

Elevations in the San Juan River system range from greater than 14,000 feet in headwater areas of the Animas and Los Piños rivers down to 4,500 feet, where the Mancos River exits the state just east of the Four Corners into New Mexico.[16] The river basin is also home to five ski areas – Telluride, Wolf Creek, Ski Hesperus, Silverton Mountain and Purgatory Mountain Resort.

The sedimentary rocks in the region include pockets of coal, oil, and uranium. Historically, the area was also mined for gold, silver, and copper.

Little Molas Lake, a tributary to the Animas River

[16] Colorado Water Conservation Board. 2004. Statewide Water Supply Initiative. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.

Assessment Results

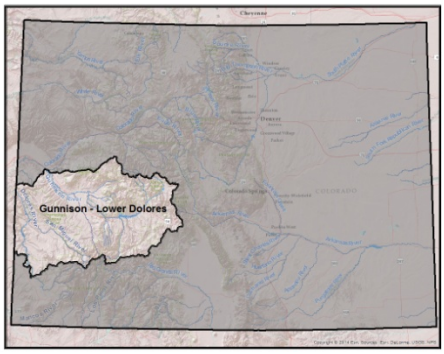
For the San Juan River and Dolores River Basin, 71 percent of the river miles and 84 percent of the lake acres have been asssed; 36.6 percent of the river miles and 2.3 percent of the lake acres are fully supporting all uses. An additional 11.1 percent of the river miles, and 17.6 percent of the lake acres, are supporting some of the classified uses. The individual use support is summarized in Table 26. Iron, copper and zinc are the most common listings for rivers and streams; mercury in fish and dissolved oxygen are the most common listings for lakes and reservoirs.

TABLE 26: IMPAIRMENT SUMMARY FOR THE SAN JUAN RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	2,373	414
2	Some uses supporting	717	3,126
3a	Not assessed	1,883	2,881
3b	Insufficient data (M&E list)	969	3,765
4a	TMDL completed and approved	108	0
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	430	7,594

Agricultural irrigation uses 61% of surface water in the San Juan River basin.

Gunnison and Lower Dolores River Basin



The Gunnison and Lower Dolores River Basin includes all or parts of Gunnison, Delta, Montrose, Ouray, Mesa, Saguache and Hinsdale Counties. Major tributaries are the Slate River, Uncompahgre River, and the San Miguel River. Major reservoirs in the Gunnison and Lower Dolores basin include Blue Mesa Reservoir, Sweitzer Lake, Paonia Reservoir, Ridgway Reservoir and Fruitgrowers Reservoir.

The Gunnison River originates at Almont, Colorado, at the confluence of the Taylor and East Rivers. It then flows past the city of Gunnison and passes through three reservoirs -Blue Mesa, Morrow Point, and Crystal Reservoirs. The Gunnison River then meets the North Fork of the Gunnison River west of the town of Hotchkiss. The Uncompahgre River is a major tributary to the Gunnison River; it joins the Gunnison near the town of Delta.[17] The Gunnison River alone has elevation changes greater than 9,500 feet from the headwaters to the Uncompahgre Plateau in the southwest portion of the basin.[18,19]

Blue Mesa Reservoir on the Gunnison River.

[17] Colorado Water Conservation Board. 2004. Statewide Water Supply Initiative. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.
[18] Colorado Water Conservation Board. 2006a. Statewide Water Supply Initiative Fact Sheet: Colorado Basin. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.
[19] Colorado Water Conservation Board 2006b. Statewide Water Supply Initiative Fact Sheet: Gunnison Basin. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.

Assessment Results

For the Gunnison and Lower Dolores River Basin, 86 percent of the river miles and 12 percent of the lake acres have been asssed; 50 percent of the river miles and 1.3 percent of the lake acres are fully supporting all uses. An additional 6.2 percent of the river miles, and 1.7 percent of the lake acres, are supporting some of the classified uses. The individual use support is summarized in Table 27. Selenium, aquatic life and zinc are the most common listings for rivers and streams; dissolved oxygen, selenium and iron are the most common listings for lakes and reservoirs.

TABLE 27: IMPAIRMENT SUMMARY FOR THE GUNNISON RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	5,373	297
2	Some uses supporting	666	392
3a	Not assessed	1,533	19,698
3b	Insufficient data (M&E list)	861	1,110
4a	TMDL completed and approved	1,803	102
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	507	899

The name, Uncompahgre is a Ute word, which loosely translates to red lake or red water spring. It is likely a reference to the many hot springs located near Ouray.

Rio Grande Basin

The Rio Grande Basin is located in south central Colorado, and covers 7,700 square miles. The basin ranges from above 14,000 feet above sea level in the Sangre de Cristo Mountains to 7,400 feet above sea level where the Rio Grande crosses the Colorado-New Mexico border.

The Rio Grande River Basin encompasses approximately 7,500 square miles, including the San Luis Valley. The river's headwaters are in the San Juan Mountains near the Continental Divide, from which it flows southeasterly. The river's south fork and mainstem join on the west side of the valley at the town of South Fork, Colorado. The river then flows to the east through the town of Del Norte and continues southeasterly across the valley through the cities of Monte Vista and Alamosa, Colorado. At Alamosa, the river turns south and runs nearly 40 miles, passing through a break in the San Luis Hills and then entering a deep canyon above the New Mexico state line.[20]

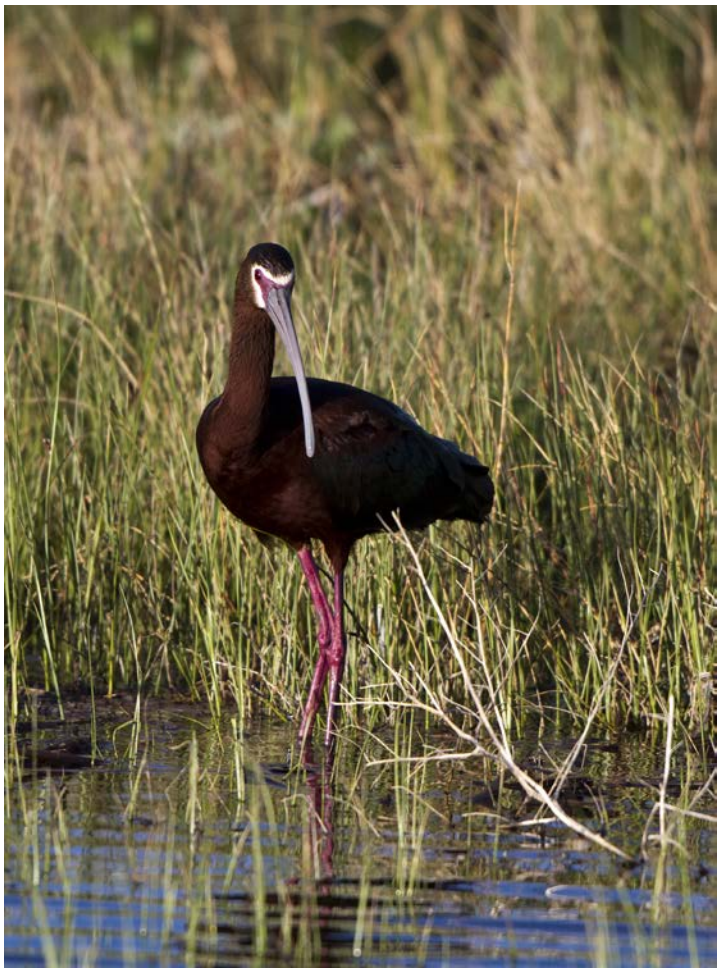
Major reservoirs in the Rio Grande basin include Rio Grande Reservoir, La Jara Reservoir, Platoro Reservoir, Continental Reservoir, and the San Luis Lake.

The San Luis Valley is an open, nearly treeless, inter-montane valley. It is the predominant feature of the Rio Grande River Basin.[21] In size, the San Luis Valley extends approximately 90 miles from north to south and 50 miles from east to west. The valley floor ranges in elevation from 7,512 feet to about 8,000 feet, and it is ringed by mountains between 10,000 feet to 14,390 feet in elevation.[22]

An area known as the closed basin occupies the northern part of the San Luis Valley. A low topographic divide and a hydrologic divide separate groundwater in the closed basin from that in the rest of the valley. The divide extends southeast from near Del Norte, Colorado, to a few miles north of Alamosa, Colorado and then to the east side of the San Luis Valley. The principal tributary to the Rio Grande River in Colorado is the Conejos River.

San Luis Valley National Wildlife Refuge complex in the Rio Grande basin provides crucial feeding, resting and breeding habitat for over 200 bird species.

[20] Colorado Water Conservation Board. 2009b. Statewide Water Supply Initiative Fact Sheet Arkansas Basin. Colorado Department of Natural Resources, Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.
[21] CGS (Colorado Geological Survey). 2003. Ground Water Atlas of Colorado. Special Publication 53. Colorado Department of Natural Resources, Division of Minerals and Geology.
Colorado Geological Survey, Denver, Colorado.
[22] Colorado Water Conservation Board. 2009b



White-faced ibis at the Alamosa National Wildlife Refuge.

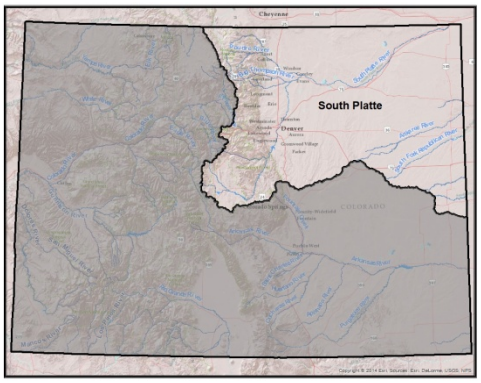
Assessment Results

For the Rio Grande Basin, 79 percent of the river miles and 58 percent of the lake acres have been asssed; 19.1 percent of the river miles are fully supporting all classified uses, with an additional 31.3 percent supporting at least one of the classified uses. For lakes within the Rio Grande Basin, 20.2 percent of the lake acres are fully supporting all classified uses with an additional 16 percent supporting at least one of the classified uses. The individual use support for the Rio Grande Basin is summarized in Table 28. Arsenic, iron and zinc are the most common listings for rivers and streams; mercury in fish, iron and ammonia are the most common listings for lakes and reservoirs.

TABLE 28: IMPAIRMENT SUMMARY FOR THE RIO GRANDE RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	1,060	2,702
2	Some uses supporting	1,739	2,150
3a	Not assessed	1,153	5,568
3b	Insufficient data (M&E list)	328	1,370
4a	TMDL completed and approved	94	885
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	1,188	733

South Platte River Basin



The South Platte River Basin covers approximately 21,000 square miles in northeastern Colorado. The North and South Platte Rivers join in Nebraska to form the Platte River. The South Platte River has the largest population of any river basin in Colorado with almost 70 percent of the state's population. The major tributaries of the South Platte are Bear Creek, Cherry Creek, Clear Creek, Boulder Creek, St. Vrain River, Big Thompson River and the Cache La Poudre River. Major reservoirs in the South Platte River basin include Cherry Creek Reservoir, Chatfield Reservoir, Barr Lake and Horsetooth Reservoir.

The South Platte River originates southwest of Denver and flows through the Denver metropolitan area and into the high plains region of Colorado. Elevations in the Platte River Basin range from 14,000 feet in the headwater regions to approximately 3,400 feet in the high plains region.[23,24]

South Platte River in downtown Denver.

[23] CWCB. 2006a. Statewide Water Supply Initiative Fact Sheet: Colorado Basin. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.
[24] CWCB. 2006b. Statewide Water Supply Initiative Fact Sheet: Gunnison Basin. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.

Assessment Results

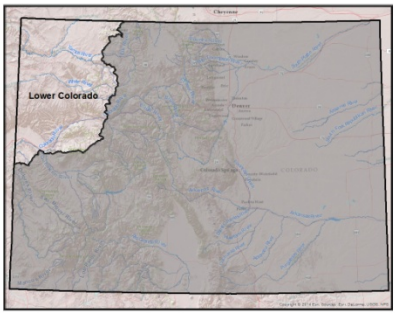
For the South Platte River Basin, 96 percent of the river miles and 59 percent of the lake acres have been asssed; 14.4 percent of the river miles are fully supporting, with an additional 60.5 percent supporting at least some of the uses. For lakes within the South Platte Basin, 5.2 percent of the lake acres are fully supporting all classified uses, a further 35.61 percent of the lake acres are supporting at least some of the classified uses. The individual use support for the South Platte Basin is summarized in Table 29. *E. coli*, copper and arsenic are the most common listings for rivers and streams; dissolved oxygen, acidity and arsenic are the most common listings for lakes and reservoirs.

TABLE 29: IMPAIRMENT SUMMARY FOR THE SOUTH PLATTE RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	3,170	5,120
2	Some uses supporting	13,300	34,915
3a	Not assessed	969	40,345
3b	Insufficient data (M&E list)	1,072	2,811
4a	TMDL completed and approved	133	1,724
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	3,345	12,971

The South Platte is impounded in seven reservoirs before its confluence with the North Platte River: Antero, Spinney Mountain, Eleven Mile, Cheesman, Strontia Springs, and Chatfield Reservoirs.

Lower Colorado River Basin



The Lower Colorado River Basin covers all of Garfield, Rio Blanco, Moffat and portions of Mesa and Routt Counties. Major tributaries include the Lower Yampa River, Green River, and the White River.

Major population centers are in Grand Junction, Craig, Rangely, and Rifle. The Lower Colorado River Basin encompasses approximately 17,830 square miles and includes drainages for the Yampa, White and the Gunnison Rivers.

The Colorado River Basin has a greater combined flow than all the other river basins in Colorado. The Elk Mountain Range separates the Colorado River drainage from the Gunnison River drainage. The Colorado River and its tributaries drain approximately 9,830 square miles, and the Colorado River alone accounts for approximately 44 percent of the water leaving the state. The Gunnison River and its tributaries drain approximately 8,000 square miles.[25]

Nearly 90% of the water leaving Colorado exits the state via the Colorado River basin.

[25] CWCB 2004 and CWCB. 2006b. Statewide Water Supply Initiative Fact Sheet: Gunnison Basin. Colorado Department of Natural Resources, Colorado Water Conservation Board, Denver, Colorado.

Colorado River flows through Grand Junction.

Assessment Results

For the Lower Colorado River Basin, 96 percent of the river miles and 27 percent of the lake acres have been asssed; 52 percent of the river miles are fully supporting, with an additional 22.6 percent supporting at least some of the uses. For lakes within the Lower Colorado Basin, 12.3 percent of the lake acres are fully supporting all classified uses, a further 7.5 percent of the lake acres are supporting at least some of the classified uses. The individual use support for the South Platte Basin is summarized in Table 30. Arsenic, iron and selenium are the most common listings for rivers and streams; mercury in fish, acidity and selenium are the most common listings for lakes and reservoirs.

TABLE 30: IMPAIRMENT SUMMARY FOR THE LOWER COLORADO RIVER BASIN.

EPA IR Category		Rivers and streams (miles)	Lakes and reservoirs (acres)
1	Fully supporting	8,296	1,010
2	Some uses supporting	3,608	616
3a	Not assessed	693	5,991
3b	Insufficient data (M&E list)	1,214	20
4a	TMDL completed and approved	0	0
4b	Impaired, no TMDL necessary	0	0
4c	Impairment is not caused by pollutant	0	0
5	Impaired, TMDL necessary	2,136	553

Appendix A: Use Attainment Table for Streams and Rivers

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARCI01_A	Mainstem of the Cimarron River, including all tributaries and wetlands, in Las Animas, Baca, and Prowers Counties, except for the specific listing in segment 2.	1057.19	W2	N	F	F	X	NA	None	2
COARCI02_A	Mainstem of North Carrizo Creek from the source to the Colorado/Oklahoma state line; mainstems of East and West Carrizo Creek, to the confluence with North Carrizo Creek; mainstems of Cottonwood Creek and Tecolote Creek to the confluence with West Carrizo Creek, Fitzler Pond.	97.91	W1	E	F	F	F	NA	None	1
COARFO01a_A	All tributaries and wetlands to Fountain Creek, above Monument Creek, except for specific listings in segment 1b.	114.56	C1	E	F	U	X	X	None	2
COARFO01a_B	Mainstem of Fountain Creek from source to above Monument creek	18.80	C1	E	F	I	N	N	*E. coli*, As-T, Mn-D	5
COARFO01b_A	Severy Creek and all tributaries from the source to a point just upstream of where US Forest Service Road 330 crosses the stream.	3.87	C1	E	F	F	X	F	None	2
COARFO02a_A	Mainstem of Fountain Creek from a point immediately above the confluence with Monument Creek to a point immediately above the State Highway 47 Bridge.	80.66	W2	E	F	I	N	F	*E. coli*	5
COARFO02b_A	Mainstem of Fountain Creek from a point immediately above the State Highway 47 Bridge to the confluence with the Arkansas River.	4.62	W2	E	F	U	N	F	*E. coli*	5
COARFO03a_A	All tributaries to Fountain Creek within the boundaries of National Forest or Air Force Academy lands, including all wetlands, from Monument Creek to Arkansas River, except for the mainstem of West Monument Creek	111.38	C1	E	F	F	X	F	None	2
COARFO03a_B	West Monument Creek and tributaries	30.40	C1	E	F	N	X	F	Bugs	5
COARFO03b_A	Bear Creek, and all tributaries, from the source to a point immediately upstream of Gold Camp Road.	8.34	C1	E	F	N	X	F	Cu-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARFO04_A	All tributaries to Fountain Creek which are not within the boundaries of National Forest or Air Force Academy lands, including all wetlands, from Monument Creek to Arkansas River, except for Sand Creek, Little Fountain Creek below Deadman Canyon, and spe	716.40	W2	E	F	U	N	F	*E. coli*	5
COARFO04_B	Sand Creek and tributaries	24.58	W2	E	F	N	N	F	*E. coli*, Se-D	5
COARFO04_C	Little Fountain Creek below Deadman Canyon	26.47	W2	E	F	I	N	F	*E. coli*	5
COARFO05_A	Marshland on Nash Property (60 acres at 13030 Old Pueblo Road, El Paso County) located in Section 28 T16S R65W; Jimmy Camp Creek from the irrigation diversion east of Old Pueblo Road to its confluence with Fountain Creek; unnamed tributary from the boundary of Fort Carson to the confluence with Fountain Creek; located in S1/2, SW1/4, Section 6 and N1/2. NW1/4, Section 7, T16S, R65W.	5.02	W1	N	F	I	X	NA	None	3b
COARFO06_A	Mainstem of Monument Creek, from the boundary of National Forest lands to the confluence with Fountain Creek.	26.08	W2	E	F	N	N	F	Bugs, Tem, *E. coli*	5
COARLA01a_A	Mainstem of the Arkansas River from a point immediately above the confluence with Fountain Creek to immediately above the Colorado Canal headgate near Avondale.	20.20	W2	E	F	F	N	F	*E. coli*	5
COARLA01b_A	Mainstem of the Arkansas River from the Colorado Canal headgate to the inlet to John Martin Reservoir.	91.34	W2	E	F	N	F	N	Se-D, As-T, Mn-D	5
COARLA01c_A	Mainstem of the Arkansas River from the outlet of John Martin Reservoir to the Colorado/Kansas border.	64.14	W2	E	F	N	X	N	Se-D, As-T, Mn-D, U-T	5
COARLA02a_A	All tributaries to the Arkansas River, including wetlands, from the Colorado Canal headgate to the Colorado/Kansas border except for specific listings in segments 2b, 2c, 3a through 9b, and Middle Arkansas Basin listings.	8894.51	W2	N	F	F	X	I	None	3b
COARLA02b_A	King Arroyo.	11.48	W2	E	X	X	X	NA	None	3a
COARLA02c_A	Mainstem of Wildhorse Creek, including all tributaries, from a point immediately below US Highway 287 in Kit Carson to the confluence with Big Sandy Creek.	1.34	W2	N	X	X	X	NA	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARLA03a_A	Mainstem of the Apishapa River, including all tributaries and wetlands, from the source to I-25, except for specific listings in Middle Arkansas segment 1 and Lower Arkansas segments 3b and 3c.	87.79	C1	E	F	N	I	F	Temp	5
COARLA03b_A	Mainstem of West Torrino Canyon Creek, North Fork, Middle Fork and mainstem of Trujillo Creek, Mitotes Canyon Creek, Luis Canyon Creek, Wheeler Canyon Creek, Mauricio Canyon Creek, Daisy Canyon Creek, Adobe Canyon Creek, Gonzales Canyon Creek, Frio Canyon Creek, Borrego Canyon Creek, Munoz Canyon Creek, William Canyon Creek and Castro Canyon Creek, including all tributaries, from their sources to their confluences with the Apishapa River, except for the specific listings in Middle Arkansas segment 1.	65.18	W2	N	F	F	X	F	None	2
COARLA03c_A	The mainstem of Jarosa Canyon Creek including all tributaries from the source to the confluence with the Apishapa River.	8.40	C2	E	X	X	X	X	None	3a
COARLA04a_A	Mainstem of Timpas Creek from the source to the Arkansas River.	67.10	W1	E	F	N	X	N	Se-D, SO4	5
COARLA04a_B	Mainstem of the Apishapa River from I-25 to the confluence with the Arkansas River.	101.08	W1	E	F	N	X	N	Se-D, SO4	5
COARLA04b_A	Mainstem of Lorencito Canyon, from the source to the confluence with the Purgatoire River.	21.24	W2	E	F	F	X	NA	None	2
COARLA05a_A	Mainstem of the North Fork of the Purgatoire River, including all tributaries and wetlands, from the source to a point immediately below the confluence with Guajatoyah Creek; mainstem of the Middle Fork of the Purgatoire River, including all tributaries and wetlands, from the source to the Bar Ni Ranch Road at Stonewall Gap; Mainstem of the South Fork of the Purgatoire River, including all tributaries and wetlands, from the source to Tercio.	137.65	C1	E	F	U	F	N	As-T	5
COARLA05b_A	NF of the Purgatoire River, including all tribs and wetlands, from Guajatoyah Ck to Purgatoire River. Middle Fork of the Purgatoire River from the Bar Ni Ranch Road at Stonewall Gap to NF of the Purgatoire River. SF of the Purgatoire River from Tercio to â£¤á„¤áƒ…ážˆâ£¤Âº	56.36	C1	E	F	I	X	N	As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARLA05b_B	Long Canyon Creek from source to Trinidad Reservoir	13.32	C1	E	F	I	X	N	As-T, Mn-D	5
COARLA05c_A	Purgatoire mainstem from Trinidad Lake outlet works to I-25. Mainstem of Raton Creek from the source to the confluence of Purgatoire River.	16.24	C1	E	F	F	X	F	None	2
COARLA06a_A	All tributaries to the Purgatoire River, including all wetlands, from the source to Interstate 25, except for specific listings in segments 4b, 5a, 5b, 5c and 6b. Except for the mainstem and tributaries to Apache Canyon, Carcillo Canyon, and Reilly Canyon	325.43	C2	E	X	X	X	NA	None	3a
COARLA06a_B	Apache Canyon and tributaries	8.07	C2	E	F	N	X	NA	Bugs	5
COARLA06a_C	Sarcillo Canyon and tributaries	30.58	C2	E	F	I	X	NA	None	3b
COARLA06a_D	Reilly Canyon and tributaries	37.37	C2	E	F	I	X	NA	None	3b
COARLA06b_A	Wet Canyon and all tributaries, including wetlands, from the source to the confluence with the Purgatoire River.	41.48	C2	E	F	I	X	F	None	3b
COARLA07_A	Mainstem of the Purgatoire River from Interstate 25 to the confluence with the Arkansas River.	159.55	W1	E	F	I	I	NA	None	3b
COARLA08_A	Mainstem of Ricardo Creek, including all tributaries and wetlands, which are within Colorado (Costilla and Las Animas Counties), mainstem of the Canadian River, including all tributaries, wetlands, lakes and reservoirs.	40.07	C1	E	X	X	X	X	None	3a
COARLA09a_A	LA09a All	681.90	W1	E	F	N	X	N	Se-D, As-T	5
COARLA09a_B	Mainstem of Horse Creek	126.62	W1	E	F	N	X	N	Se-D, As-T, Fe-Trec	5
COARLA09a_C	Mainstem of Adobe Creek	66.16	W1	E	F	N	N	N	Se-D, As-T, *E. coli*	5
COARLA09b_A	LA09b All	369.77	W2	E	F	N	X	I	Se-D	5
COARLA09b_B	Big Sandy Creek within Prowers County	13.49	W2	E	F	N	X	I	Se-D, Fe-Trec	5
COARMA01_A	All tributaries, including wetlands, to the Arkansas River within the Sangre de Cristo, Greenhorn, and Spanish Peaks Wilderness Areas.	168.45	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARMA02_A	Mainstem of the Arkansas River from Blue Ribbon Creek to a point immediately above the confluence with Wildhorse/Dry Creek Arroyo.	3.75	C1	E	F	N	X	F	Temp	5
COARMA02_B	Mainstem of the Arkansas River from Pueblo Reservoir to Blue Ribbon Creek	2.80	C1	E	F	N	X	N	Temp, Mn-D	5
COARMA03_A	Mainstem of the Arkansas River from a point immediately above the confluence with Wildhorse/Dry Creek Arroyo to a point immediately above the confluence with Fountain Creek.	3.08	W1	E	F	N	F	N	Se-D, As-T	5
COARMA04a_A	Mainstem of Wildhorse Creek from the source to the confluence with the Arkansas River.	23.01	W2	E	F	I	N	NA	*E. coli*	5
COARMA04b_A	Mainstem of Rock Creek, Salt Creek and Peck Creek from their sources to the confluence with the Arkansas River.	51.93	W1	E	F	F	F	NA	None	1
COARMA04c_A	Mainstem of Chico Creek, including all tributaries and wetlands, from the source to the confluence with the Arkansas River, except for specific listings in segment 4f.	632.44	W1	E	F	F	X	NA	None	2
COARMA04d_A	All tributaries, including wetlands, to the Arkansas River and Pueblo Reservoir from the inlet to Pueblo Reservoir to the Colorado Canal headgate, except for specific listings in the Fountain Creek Subbasin and in segments 4a, 4b, 4c and 4e through 18b.	670.87	W2	E	F	F	X	NA	None	2
COARMA04e_A	Golf Course Wash	1.73	W2	E	F	F	X	NA	None	2
COARMA04f_A	Mainstem of Black Squirrel Creek, including all tributaries and wetlands, from just below Highway 94 to Squirrel Creek Road.	46.03	W2	P	X	X	X	NA	None	3a
COARMA04g_A	Mainstem of Pesthouse Gulch, from the source to the confluence with Wildhorse Creek.	6.24	W2	E	F	X	X	NA	None	2
COARMA05a_A	Mainstem of the Saint Charles River, including all tributaries and wetlands, from the source to the San Isabel National Forest boundary.	125.09	C1	E	F	F	X	F	None	2
COARMA05b_A	Mainstem of the Saint Charles River, including all tributaries and wetlands, from the San Isabel National Forest boundary to a point immediately above the CF&I diversion canal near Burnt Mill.	96.45	C1	E	F	F	X	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARMA06a_A	Mainstem of the Saint Charles River from a point immediately above the CF&I diversion canal near Burnt Mill to a point immediately upstream of the confluence with Edson Arroyo.	19.83	W2	E	F	F	X	I	None	3b
COARMA06b_A	Mainstem of the Saint Charles River from the confluence with Edson Arroyo to the confluence with the Arkansas River.	15.45	W2	E	F	F	X	N	Mn-D	5
COARMA07a_A	Mainstem of Greenhorn Creek, including all tributaries and wetlands, from the source to the San Isabel National Forest boundary, except for specific listings in segment 1. Mainstem of Graneros Creek, from the source to the San Isabel National Forest boundary, except for specific listings in segment 1. All tributaries to Muddy Creek, including wetlands, from the source to the San Isabel National Forest boundary.	19.16	C1	E	F	F	X	F	None	2
COARMA07b_A	Mainstem of Greenhorn Creek, including all tributaries and wetlands,from the San Isabel National Forest boundary to a point immediately below the Greenhorn Highline (Hayden Supply Ditch) diversion dam. Mainstem of Graneros Creek below the San Isabel National Forest boundary. Muddy Creek, including all tributaries and wetlands, from the San Isabel National Forest boundary to 232/Bondurant Road.	46.40	C1	E	F	I	X	F	None	3b
COARMA09_A	Mainstem of Greenhorn Creek, from a point immediately below the Greenhorn Highline (Hayden Supply Ditch) diversion dam, to the confluence with the Saint Charles River.	30.14	W2	E	F	F	X	N	As-T	5
COARMA10_A	Mainstem of Sixmile Creek from the source to the confluence with the Arkansas River.	23.66	W2	E	F	N	X	NA	Fe-Trec, Se-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARMA11a_A	Mainstem of the Huerfano River including all tributaries and wetlands, from the source to 570 Road near Malachite, except for the specific listings in segment 1. Pass Creek, including all tributaries and wetlands, from the source to 565 Road. Muddy Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Bruff Creek, except for the specific listings in segment 1. Mainstem of Turkey Creek (in Huerfano County) from the source to 620 Road, except for the specific listings in segment 1.	167.73	C1	E	F	F	X	F	None	2
COARMA11b_A	Mainstem of the Huerfano River, including all tributaries and wetlands, from 570 Road near Malachite to Highway 69 at Badito, except for the specific listings in segment 1, 11a and 17.	255.44	C1	E	F	I	X	I	None	3b
COARMA12_A	Mainstem of Huerfano River from Highway 69 at Badito to the confluence with the Arkansas River.	71.91	W2	E	F	N	X	NA	Se-D	5
COARMA13a_A	All tributaries, including wetlands, to the Cucharas River within the San Isabel National Forest boundaries, except for the specific listings in segment 1. Mainstem of the Cucharas River, from the source to a point immediately above the confluence with Middle Creek, except for the specific listings in segment 1. Wahatoya Creek, including all tributaries and wetlands, from the source to the confluence with the Cucharas River, except for the specific listings in segment 1. All tributaries to Middle Creek, including wetlands, from the source to a point immediately below the confluence of North and South Middle Creeks.	53.32	C1	E	F	F	X	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARMA13b_A	Mainstem of the Cucharas River from a point immediately above the confluence with Middle Creek to the point of diversion for the Walsenburg public water supply. All tributaries to the Cucharas River, including wetlands, not within the San Isabel National Forest boundaries. Mainstem of Middle Creek, including all tributaries and wetlands, from a point immediately below the confluence of North and South Middle Creeks to the confluence with the Cucharas River, except for specific listings in 13a.	157.95	C1	E	F	F	X	F	None	2
COARMA14_A	Mainstem of the Cucharas River from the point of diversion for the Walsenburg public water supply to the outlet of Cucharas Reservoir.	28.09	W1	E	F	N	F	NA	Fe-Trec	5
COARMA15_A	Mainstem of Cucharas River from the outlet of Cucharas Reservoir to the confluence with the Huerfano River.	17.95	W2	E	F	F	X	NA	None	2
COARMA17_A	All tributaries to Apache Creek, including wetlands, from the source to a point immediately below the confluence of North and South Apache Creeks, except for the specific listings in segment 1. All tributaries, including wetlands, to the Huerfano River above the confluence with the Cucharas River that are within the San Isabel National Forest boundaries, except for the specific listings in segment 1 and 11a.	84.81	C1	E	F	F	X	F	None	2
COARMA18a_A	Mainstem of Boggs Creek from the source to Pueblo Reservoir.	9.21	W1	E	F	N	x	N	Se-D, U-T, Zn-D	5
COARMA18b_A	Turkey Creek (Pueblo County) from U.S. Highway 50 to Pueblo Reservoir. Unnamed tributary to Arkansas River, that flows from the south and whose confluence with the Arkansas River is located at 38.267623, -104.668298. Mainstem of Rush Creek (Pueblo County) from the source to the confluence with the Arkansas River.	19.01	W1	E	F	F	X	F	None	2
COARUA01a_A	All streams and wetlands within Mount Massive and Collegiate Peaks Wilderness areas.	115.60	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA01b_A	Mainstem of the East Fork of the Arkansas River from its source to a point immediately above the confluence with Birdseye Gulch.	9.08	C1	E	NA	T	F	F	Pb-D, Zn-D	4a
COARUA02a_A	Mainstem of the East Fork of the Arkansas River and the Arkansas River from a point immediately above the confluence with Birdseye Gulch to a point immediately above the confluence with the California Gulch.	10.85	C1	E	F	F	X	F	None	2
COARUA02b_A	Mainstem of the Arkansas River from a point immediately above California Gulch to a point immediately above the confluence with Lake Fork.	1.53	C1	E	F	T	F	NA	Cd-D, Zn-D	4a
COARUA02c_A	Mainstem of the Arkansas River from a point immediately above the confluence with the Lake Fork to a point immediately above the confluence with Lake Creek.	10.53	C1	E	F	T	X	N	As-T, Cd-D, Zn-D	5
COARUA03_A	Mainstem of the Arkansas River from a point immediately above the confluence with the Lake Creek to the Chaffee/Fremont County line.	53.68	C1	E	F	T	F	F	Cd-D, Zn-D	4a
COARUA04a_A	Mainstem of the Arkansas River from the Chaffee/Fremont County Line to a point immediately above Highway 115 bridge, due east of Florence.	62.93	C1	E	F	N	F	F	Cu-D, Cd-D, Zn-D	5
COARUA04b_A	Mainstem of the Arkansas River from a point immediately above Highway 115 bridge, due east of Florence, to the inlet of Pueblo Reservoir.	16.29	W1	E	F	T	F	F	None	4a
COARUA05_A	All tributaries to the Arkansas River, including wetlands, from the source to immediately below the confluence with Brown's Creek, except for specific listings in segments 6 through 12b. Except Lake Fork below Sugarloaf Dam.	593.28	C1	E	F	F	F	F	None	1
COARUA05_B	Lake Fork below Sugarloaf Dam to the confluence with the Arkansas River.	4.94	C1	E	F	N	F	I	Zn-D	5
COARUA05_C	Colorado Gulch and its tribs	2.44	C1	E	F	N	F	N	Cd-D, Cu-D, Zn-D, As-T, Fe-D, Mn-D	5
COARUA05_D	Halfmoon Creek	11.28	C1	E	F	T	F	F	Cd-D, Pb-D	4a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA06_A	Mainstem of California Gulch, including all tributaries, from the source to the confluence with the Arkansas River. Mainstem of St. Kevin's Gulch from the source to the confluence with Tennessee Creek.	10.51	none	N	F	NA	X	NA	None	2
COARUA07_A	Mainstem of Evans Gulch from the source to the confluence with the Arkansas River.	5.10	C1	E	F	T	X	F	Zn-D	4a
COARUA08a_A	Mainstem of Iowa Gulch from the source to the ASARCO water supply intake.	5.80	C2	E	F	T	X	F	Cd-D, Pb-D, Zn-D	4a
COARUA08b_A	Mainstem of Iowa Gulch from a point immediately below the ASARCO water supply intake to a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch).	2.81	C2	E	F	T	F	NA	Cd-D, Pb-D, Zn-D	4a
COARUA09_A	Mainstem of Iowa Gulch from a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch) to the confluence with the Arkansas River.	3.74	C1	E	F	F	F	NA	None	1
COARUA10_A	Mainstem of Lake Creek, including all tributaries and wetlands, from the source to the confluence with the Arkansas River, except for the specific listing in segment 11.	56.08	C1	E	F	N	F	F	DO, pH, Cu-D	5
COARUA11_A	Mainstem of South Fork of Lake Creek, including all tributaries and wetlands, from the source to the confluence with Lake Creek.	7.53	C1	E	F	T	F	NA	Al-T, Cd-D, Cu-D, pH, Zn-D	4a
COARUA12a_A	Mainstem of Chalk Creek from the source to the confluence with the Arkansas River.	24.82	C1	E	F	N	F	F	Cd-D, Pb-D, Zn-D	5
COARUA12b_A	Mainstem of Cottonwood Creek (Chaffee County), from the source to the confluence with the Arkansas River; South Fork of the Arkansas, including all tributaries and wetlands, from the National Forest boundary to the confluence with the Arkansas River.	70.37	C1	E	F	F	F	F	None	1
COARUA13_A	All tributaries to the Arkansas River, including wetlands, which are on National Forest lands, from the confluence with Brown's Creek to the inlet to Pueblo Reservoir, except for specific listings in segments 12b, 14a, 14c and 15-27.	484.72	C1	E	F	F	x	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA14a_A	Mainstem of Big Red Creek, Little Red Creek, and Rush Creek and Hardscrabble Creek from their sources to their confluence with the Arkansas River.	34.16	W2	E	F	F	F	NA	None	1
COARUA14b_A	All tributaries to the Arkansas River, including wetlands, which are not on National Forest lands, from the confluence with Brown's Creek to the Chaffee/Fremont County line, except for the specific listing in segment 12b.	111.02	C2	E	F	F	X	F	None	2
COARUA14c_A	Mainstems of South Hardscrabble Creek, including all tributaries and wetlands, from the source to the confluence.	40.03	C1	E	F	F	X	F	None	2
COARUA14c_B	North Hardscrabble Creek and tributaries, from the source to the confluence.	49.77	C1	E	F	I	F	F	None	3b
COARUA14d_A	All tributaries to the Arkansas River, including wetlands, which are not on National Forest lands, from the Chaffee/Fremont County line to the inlet to Pueblo Reservoir, except for specific listings in segments 14a, 14c and 15-27.	1380.33	C2	E	F	F	X	NA	None	2
COARUA15_A	Mainstem of Grape Creek, including all tributaries and wetlands, from the source to the outlet of De Weese Reservoir, except for specific listings in segment 25. Mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks, including all tributaries and wetlands, from their sources to their confluences with the Arkansas River. Mainstem of Newlin Creek from the National Forest boundary to the City of Florence water diversion.	810.86	C1	E	F	I	F	N	As-T	5
COARUA16a_A	Mainstem of Middle Tallahassee Creek, including all tributaries and wetlands, from the source to the intersection with Road 23.	2.69	C1	E	X	F	X	X	None	2
COARUA16b_A	Mainstem of North Tallahassee Creek, South Tallahassee Creek, Middle Tallahassee Creek, and Tallahassee Creek from their sources to a point immediately below their confluence with South Tallahassee Creek, except for the specific listing in segment 16a.	42.94	C2	E	F	F	X	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA16c_A	Mainstem of Tallahassee Creek from a point immediately below the confluence with South Tallahassee Creek to the confluence with the Arkansas River.	8.79	C1	E	F	F	F	F	None	1
COARUA17a_A	Mainstem of Cottonwood Creek (Fremont County), including all tributaries and wetlands, from the source to a point immediately below the confluence with North Waugh Creek.	44.13	C1	E	X	X	X	X	None	3a
COARUA17b_A	Mainstem of Cottonwood Creek (Fremont county), including all tributaries and wetlands, from a point immediately below the confluence with North Waugh Creek to the intersection with F6 Road.	60.12	C2	E	X	X	X	NA	None	3a
COARUA17c_A	Mainstem of Cottonwood Creek from F6 Road to the confluence with Currant Creek.	9.74	C1	E	X	X	X	X	None	3a
COARUA18_A	Mainstem of Currant Creek (Park County), including all tributaries and wetlands, from the source to the confluence with Tallahassee Creek, except for the specific listings in 17a, 17b, and 17c.	178.41	C1	E	F	F	X	F	None	2
COARUA19_A	Mainstem of Fourmile Creek, including all tributaries and wetlands, from the source to immediately below the confluence with High Creek.	270.17	C1	E	F	F	F	F	None	1
COARUA20a_A	Mainstem of Fourmile Creek, including all tributaries and wetlands, from immediately below the confluence with High Creek to a point immediately above the confluence with Long Gulch, except for the specific listing to segment 23.	49.11	C1	E	F	F	X	NA	None	2
COARUA20b_A	Mainstem of Fourmile Creek, including all tributaries and wetlands, from the confluence with Long Gulch to the confluence with the Arkansas River.	135.73	C1	E	F	F	X	F	None	2
COARUA21a_A	Mainstem of Cripple Creek from the source to Squaw Gulch	3.11	C2	E	F	F	F	NA	None	1
COARUA21a_B	Mainstem of Cripple Creek from Squaw Creek to a point 1.5 miles upstream of the confluence with Fourmile Creek.	4.12	C2	E	F	N	F	NA	Bugs	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA21b_A	Mainstem of Cripple Creek from a point 1.5 miles upstream to the confluence with Fourmile Creek.	1.55	C2	E	F	F	F	NA	None	1
COARUA22a_A	Mainstem of Arequa Gulch from the source to the confluence with Cripple Creek.	1.91	C2	N	F	F	X	NA	None	2
COARUA22b_A	Squaw Gulch from the source to the confluence with Cripple Creek.	2.22	C2	N	X	X	X	NA	None	3a
COARUA23_A	Mainstem of Wilson Creek (Teller County), including all tributaries and wetlands, from the source to the confluence with Fourmile Creek; excluding north fork of Wilson Creek	10.36	C2	E	F	F	F	NA	None	1
COARUA23_B	North Fork of Wilson Creek below Independence Mine	1.68	C2	E	F	F	F	NA	None	1
COARUA24_A	Mainstem of East and West Beaver Creeks, including all tributaries and wetlands, from the source to the confluence with Beaver Creek; mainstem of Beaver Creek from the source to the point of diversion to Brush Hollow Reservoir. except East Beaver below Penrose Reservoir.	86.37	C1	E	F	F	X	F	None	2
COARUA24_B	East Beaver Creek below Penrose Reservoir	23.22	C1	E	F	F	X	I	None	3b
COARUA25_A	Mainstem of Cottonwood Creek (Custer County) from the headwaters to Section 23, T20S, R65W.	3.94	C1	E	F	F	F	F	None	1
COARUA26_A	Mainstem of Beaver Creek from the point of diversion for Brush Hollow Reservoir to the confluence with the Arkansas River.	11.23	W2	E	F	F	X	NA	None	2
COARUA27_A	Mainstem of Eightmile Creek, including all tributaries and wetlands, from the source to the mouth of Phantom Canyon.	41.94	C1	E	X	F	X	X	None	2
COGULD01a_A	Mainstem of the Dolores River from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to a point immediately above the confluence with Big Canyon Creek near Dove Creek.	18.81	C1	E	X	X	X	X	None	3a
COGULD01b_A	Mainstem of the Dolores River from a point immediately above the confluence with Big Canyon Creek near Dove Creek to a point immediately above the Highway 141 road crossing near Slick Rock.	28.07	C1	E	X	X	X	X	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGULD02_A	Mainstem of the Dolores River from the Highway 141 road crossing near Slick Rock to the Colorado/Utah border.	105.45	W1	E	F	N	I	F	Fe-Trec, Temp	5
COGULD03a_A	All tributaries to the Dolores River, including all wetlands, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, except for specific listings in Segments 3b, 3c, 4, 5, and 6.	1078.32	W2	E	X	X	X	X	None	3a
COGULD03a_B	Disappointment Creek	22.72	W2	E	F	I	I	F	None	3b
COGULD03b_A	All tributaries to the Dolores River, including wetlands, that are within national forest boundaries, from the bridge at Bradfield Ranch (Forest Route 505, near the Montezuma/Dolores County Line) to the Colorado/Utah border, excluding the small area of Uncompahgre National Forest within the Disappointment Valley and the listings in Segments 3c, 4, 5, and 6. Disappointment Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Morrison Creek.	391.38	C1	E	F	F	F	NA	None	1
COGULD03c_A	Mainstem and all tributaries to Salt Creek, including all wetlands from the source within the Sinbad Valley to the confluence with the Dolores River.	29.14	W2	E	F	F	F	NA	None	1
COGULD04_A	Mainstem and all tributaries to Blue Creek from the source to the confluence with the Dolores River, excluding the mainstem of West Paradox Creek.	46.03	W1	E	F	F	F	F	None	1
COGULD04_B	Mainstem of West Paradox Creek	9.77	W1	E	F	I	I	F	None	3b
COGULD05_A	Mainstem of West Creek from the source to the confluence with the Dolores River and La Sal Creek from the source to the confluence with the Dolores River, excluding Roc Creek and Mesa Creek and tributaries.	33.96	C1	E	F	F	F	F	None	1
COGULD05_B	Roc Creek	4.40	C1	E	F	N	I	F	Cu-D, Fe-Trec	5
COGULD05_D	Mesa Creek and tributaries.	1.97	C1	E	F	F	X	I	None	3b

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGULD06_A	North Fork of West Creek, including all tributaries and wetlands, from the source to the confluence with West Creek. Granite Creek, including all tributaries and wetlands, from the source the Colorado/Utah border.	52.89	C1	E	X	X	X	X	None	3a
COGULG01_A	Mainstem of the Gunnison River from the outlet of Crystal Reservoir to North Fork	45.68	C1	E	F	F	F	F	None	1
COGULG01_B	Mainstem of the Gunnison River from North Fork to a point immediately above the confluence with the Uncompahgre River.	4.16	C1	E	F	T	F	F	Se-D	4a
COGULG02_A	Mainstem of the Gunnison River from a point immediately above the confluence with the Uncompahgre River to the confluence with the Colorado River.	57.59	W1	E	F	T	N	F	*E. coli*, Se-D	5
COGULG03_A	All tributaries to the Gunnison River, including all wetlands, which are within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork Gunnison River sub-basin, Uncompahgre River sub-basins, and segments 10, 11a, 11b, and 12.	566.14	C1	E	F	F	F	F	None	1
COGULG04a_A	All tributaries to the Gunnison River, including all wetlands, Crystal Reservoir to the confluence with the Colorado River, except for Callow Creek, Cummings Gulch, Whitewater Creek from below Brandon Ditch to confluence with Gunnison River, Wells Gulch aâ£¤á„¤áƒ…ážˆâ£¤Âº	1195.51	W2	P	T	T	X	T	Se-D	4a
COGULG04a_B	Callow Creek	3.34	W2	P	T	T	I	T	Se-D	4a
COGULG04a_C	Cummings Gulch	2.95	W2	P	T	T	F	T	Se-D	4a
COGULG04a_D	Whitewater Creek from below Brandon Ditch to confluence with Gunnison River	12.54	W2	P	T	T	F	N	Mn-D, SO4, Se-D	5
COGULG04a_E	Wells Gulch	14.20	W2	P	T	T	X	T	Se-D	4a
COGULG04a_F	Peach Valley Creek	15.03	W2	P	F	I	F	I	None	3b
COGULG04b_A	All tributaries to Reeder, Hollenbeck and Juniata Reservoirs, excluding Kannah Creek.	4.35	W2	E	U	F	F	F	None	2
COGULG04b_B	Mainstem of Kannah Creek	5.29	W2	E	T	T	F	T	Se-D	4a
COGULG04c_A	Mainstem of Red Rock Creek from the boundary of Black Canyon of the Gunnison National Park to the confluence of the Gunnison River.	8.84	W2	E	T	T	X	T	Se-D	4a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGULG05_A	Mainstem of Roubideau Creek from the national forest boundary to the confluence with Potter Creek; mainstem of Monitor Creek from the national forest boundary to the confluence with Potter Creek; mainstem of North Fork Escalante Creek from the national forest boundary to the confluence with Escalante Creek.	22.75	C1	E	X	X	X	X	None	3a
COGULG06_A	Mainstem of Roubideau Creek from Potter Creek to the Gunnison River; mainstem of Escalante Creek from the national forest boundary to the Gunnison River; mainstem of Little Dominguez from the national forest boundary to Big Dominguez Creek; mainstem of Big Dominguez from the national forest boundary to the Gunnison River, mainstem of East Creek from the source to the Gunnison River.	76.91	C1	E	F	F	F	NA	None	1
COGULG07a_A	Mainstem of Ward Creek, from the national forest boundary to the confluence with Dirty George Creek.	8.57	C2	P	F	I	U	F	None	3b
COGULG07b_A	Youngs Creek from the USFS boudary to Kiser Creek; Kiser Creek from the USFS boundary to the confluence with Youngs Creek	14.72	C1	P	F	F	X	F	None	2
COGULG07b_C	Mainstem of Tongue Creek from its inception at the confluence of Ward Creek and Dirty George Creek to the confluence with the Gunnison Rive	15.16	C1	P	F	N	X	F	Fe-Trec, Se-D	5
COGULG07b_D	Mainstem of Surface Creek from the point of diversion of water supply to the confluence with Tongue Creek	12.08	C1	P	F	I	X	F	None	3b
COGULG08_A	Mainstem of Surface Creek and Kannah Creek, including all tributaries, from the national forest boundary to the point of diversion for public water supply.	16.84	C1	E	F	I	F	F	None	3b
COGULG10_A	Mainstem of the Smith Fork from the confluence of the North Smith Fork and South Smith Fork to the confluence with the Gunnison River.	22.81	C1	E	F	F	F	F	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGULG11a_A	All tributaries to the Smith Fork, including all wetlands, which are within national forest boundaries except for specific listings in Segment 11b; Doug Creek from the source to the confluence with Muddy Creek.	29.40	C1	E	F	F	F	F	None	1
COGULG11b_A	All tributaries to the Smith Fork, including all wetlands, which are within the West Elk Wilderness Area, excluding Lunch Creek.	19.74	C1	E	X	X	X	X	None	3a
COGULG11b_B	Lunch Creek.	1.48	C1	E	F	I	X	F	None	3b
COGULG12_A	All tributaries to the Smith Fork, including all wetlands, which are not within national forest boundaries, except for the specific listing in Segment 11a.	100.03	W2	P	F	F	F	F	None	1
COGULG12_B	Muddy Creek.	8.54	W2	P	F	F	I	F	None	3b
COGUNF01_A	All tributaries to North Fork of the Gunnison River, including all wetlands, within the West Elk or Raggeds Wilderness Areas.	153.45	C1	E	F	F	F	F	None	1
COGUNF02_A	Mainstem of North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Coal Creek to the Black Bridge (41.75 Drive) above Paonia.	14.35	C1	E	F	F	F	F	None	1
COGUNF03_A	Mainstem of North Fork of the Gunnison River from the Black Bridge (41.75 Drive) above Paonia to the confluence with the Gunnison River.	19.29	C1	E	F	T	F	F	Se-D	4a
COGUNF04_A	Coal Creek, including all tributaries and wetlands, all tributaries to the North Fork of the Gunnison RIver within the national forest boundary, excluding East Muddy Creek, Muddy Creek and Ruby Anthracite Creek.	444.37	C1	E	F	F	F	F	None	1
COGUNF04_B	East Muddy Creek	12.76	C1	E	F	N	X	F	Fe-Trec	5
COGUNF04_C	Muddy Creek	1.42	C1	E	F	F	I	F	None	3b
COGUNF04_D	Ruby Antracite Creek/Antracite Spring.	1.56	C1	E	F	U	F	N	As-T	5
COGUNF05a_A	Mainstems of Hubbard Creek, Terror Creek, Minnesota Creek	16.16	C1	P	F	F	F	F	None	1
COGUNF05a_B	Leroux Creek, Jay Creek	25.37	C1	P	F	T	F	F	Se-D	4a
COGUNF05b_A	Mainstem of Roatcap Creek, including all tributaries and wetlands, from the source to the confluence with the North Fork of the Gunnison.	11.15	C1	P	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUNF06a_A	Tributaries to the North Fork of the Gunnision River not within national forest boundaries, excluding the Unnamed tributary to the North Fork of the Gunnison River near Hothkiss, Coal Gulch, Hawksnest Creek, and Gribble Gulch.	22.23	W2	P	F	F	F	NA	None	1
COGUNF06a_B	Unnamed trib to North Fork Gunnison River near Hotchkiss	2.49	W2	P	F	I	X	NA	None	3b
COGUNF06a_C	Coal Gulch, Hawksnest Creek, and Gribble Gulch	5.12	W2	P	F	I	X	NA	None	3b
COGUNF06b_A	Mainstem and all tributaries to Bear, Reynolds, Bell, McDonald, Cow, Dever, German and Miller Creeks; and Love, Stevens, Big and Stingley Gulches that are not within national forest boundaries, from the source to the North Fork of the Gunnison River, excluding Cottonwood Creek, Short Draw, Big Gulch, and Alum Gulch	85.41	W2	P	F	F	F	F	None	1
COGUNF06b_B	Cottonwood Creek	13.78	W2	P	F	T	F	F	Se-D	4a
COGUNF06b_C	Alum Gulch	7.68	W2	P	F	I	F	N	SO4	5
COGUNF06b_D	Big Gulch	5.48	W2	P	F	T	F	F	Se-D	4a
COGUNF06b_E	Short Draw	7.14	W2	P	F	T	F	F	Se-D	4a
COGUSM01_A	All tributaries, including wetlands, to the San Miguel River, and within the boundaries of the Lizard Head, or Mount Sneffels Wilderness Areas.	25.79	C1	E	F	F	F	F	None	1
COGUSM02_A	All tributaries, including all wetlands, to the San Miguel River, from the source to Leopard Creek, excluding Bear Creek, Cornet Creek and Howard Fork above Swamp Canyon.	162.12	C1	E	F	F	X	F	None	2
COGUSM02_B	Bear Creek	4.17	C1	E	F	N	X	F	Cd-D, Zn-D	5
COGUSM02_C	Cornet Creek	3.36	C1	E	F	I	X	F	None	3b
COGUSM02_D	Howard Fork above Swamp Canyon.	1.81	C1	E	F	N	X	F	DO, pH	5
COGUSM03a_A	Mainstem of the San Miguel River from its inception at the confluence of Bridal Veil and Ingram Creeks to a point immediately above the confluence of Marshall Creek.	0.41	C1	E	F	T	F	NA	Cd-D, Zn-D	4a
COGUSM03b_A	Mainstem of the San Miguel River from a point immediately above the confluence of Marshall Creek to a point immediately above the confluence of the South Fork San Miguel River.	7.54	C1	E	F	T	F	F	Cd-D, Sediment, Zn-D	4a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUSM04a_A	Mainstem of the San Miguel River from Leopard Creek to below the CC ditch.	33.87	C1	E	F	F	F	F	None	1
COGUSM04a_B	Mainstem of the San Miguel River from South Fork San Miguel to confluence with Leopard Creek.	11.46	C1	E	F	I	X	F	None	3b
COGUSM04b_A	Mainstem of the San Miguel River from a point immediately below the CC ditch to a point immediately below the confluence of Naturita Creek.	5.55	W1	E	F	F	X	F	None	2
COGUSM05_A	Mainstem of the San Miguel River from a point immediately below the confluence of Naturita Creek to its confluence with the Dolores River.	22.88	W1	E	F	F	F	NA	None	1
COGUSM06a_A	Mainstem of Ingram Creek including, all tributaries and wetlands, from the source to the confluence with the San Miguel River.	3.21	C2	E	F	T	F	NA	Cd-D, Zn-D	4a
COGUSM06b_A	Mainstem of Marshall Creek, including all tributaries and wetlands, from the source to the confluence with the San Miguel River.	1.51	C2	E	F	T	F	NA	Cd-D, Zn-D	4a
COGUSM07_A	Mainstem of the Howard Fork, all tributaries and wetlands, from the Swamp Gulch to the South Fork of the San Miguel River, excluding the Chapman Creek and the Iron Bog Creek.	9.10	C1	E	X	F	X	X	None	2
COGUSM07_B	Chapman Creek and its tribs	0.96	C1	E	F	I	X	F	None	3b
COGUSM07_C	Iron Bog Creek and its tribs	1.03	C1	E	F	I	X	F	None	3b
COGUSM08_A	Mainstem of the South Fork of the San Miguel River from its inception at the confluence of the Howard and Lake Forks to its confluence with the San Miguel River.	6.44	C1	E	F	F	F	I	None	3b
COGUSM09_A	All tributaries to the San Miguel River, including all wetlands from a point immediately below the confluence of Leopard Creek to the Dolores River that are within the boundaries of the Uncompahgre National Forest.	398.20	C1	E	F	F	X	F	None	2
COGUSM10_A	Tabeguache Creek from its source to the confluence with the San Miguel River, excluding Naturita Creek.	32.78	C1	E	F	F	X	F	None	2
COGUSM10_B	Mainstem of Naturita Creek.	19.80	C1	E	F	I	I	F	None	3b

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUSM11a_A	All tributaries to Miramonte Reservoir and West Naturita Creek from their sources to the Uncompahgre National Forest Boundary below Miramonte Reservoir. The mainstems of Beaver and Horsefly Creeks from the Uncompahgre National Forest boundary to their confluences with the San Miguel River.	36.63	C1	E	F	F	F	NA	None	1
COGUSM11b_A	Mainstem of Saltado Creek from the Uncompahgre National Forest boundary to the confluence with the San Miguel River.	9.54	C1	E	U	U	U	NA	None	3a
COGUSM12a_A	All tributaries and wetlands to the San Miguel River from a point immediately below the confluence of Leopard Creek to a point immediately above Naturita Creek with the exceptions listed in Segments 9, 10, 11a, and 11b.	246.66	C2	E	F	F	F	F	None	1
COGUSM12a_B	All tributaries and wetlands to the San Miguel River from a point immediately below the confluence of Leopard Creek to a point immediately above Naturita Creek with the exceptions listed in Segments 9, 10, 11a, and 11b.	4.08	C2	E	F	I	X	F	None	3b
COGUSM12a_C	All tributaries and wetlands to the San Miguel River from a point immediately below the confluence of Leopard Creek to a point immediately above Naturita Creek with the exceptions listed in Segments 9, 10, 11a, and 11b.	23.81	C2	E	F	N	X	F	Bugs	5
COGUSM12a_D	All tributaries and wetlands to the San Miguel River from a point immediately below the confluence of Leopard Creek to a point immediately above Naturita Creek with the exceptions listed in Segments 9, 10, 11a, and 11b.	13.79	C2	E	F	I	X	F	None	3b
COGUSM12a_E	All tributaries and wetlands to the San Miguel River from a point immediately below the confluence of Leopard Creek to a point immediately above Naturita Creek with the exceptions listed in Segments 9, 10, 11a, and 11b.	4.09	C2	E	F	N	F	F	Bugs	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUSM12b_A	All tributaries and wetlands to the San Miguel River from a point immediately above Naturita Creek to the confluence with the Dolores River, excluding the listings in Segments 9, 10, 11a, and 11b.	429.04	C2	E	F	I	X	F	None	3b
COGUSM12b_B	Calamity Draw	5.40	C2	E	F	F	F	F	None	1
COGUUG01_A	All tributaries to the Gunnison River, including wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Fossil Ridge, or Uncompahgre Wilderness Areas, excluding Stewart Creek.	464.70	C1	E	F	F	F	F	None	1
COGUUG01_B	Stewart Creek	5.27	C1	E	F	N	F	F	Bugs	5
COGUUG02_A	All tributaries and wetlands from North Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Morrow Point Reservoir, or the Gunnison River, excluding Steuben, North Willow and Soap Creek	141.91	C1	E	F	F	F	F	None	1
COGUUG02_B	Willow Creek and it tribs	15.95	C1	E	F	N	X	F	Bugs	5
COGUUG04_A	all tributaries and wetlands of the Taylor River, from the source to the confluence with the Gunnison River except for those in Segment 1.	347.56	C1	E	F	F	F	F	None	1
COGUUG04_B	Mainstem of Taylor River	37.92	C1	E	F	N	F	F	Bugs	5
COGUUG05a_A	Mainstem of the East River, including all tributaries and wetlands, from its sources to a point immediately above the confluence with the Slate River, except for Segments 1.	74.97	C1	E	F	F	F	F	None	1
COGUUG05b_A	Mainstem of the East River from a point immediately above the Slate River to the confluence with the Gunnison River.	11.05	C1	E	F	F	F	F	None	1
COGUUG06a_A	All tributaries to the East River from a point immediately above its confluence with the Slate River to its confluence with the Gunnison, excluding the listings in Segments 6b and 6c.	39.85	C2	U	F	F	F	NA	None	1
COGUUG06b_A	Tributaries and wetlands of Cement Creek from the source to a point immediately above the confluence with Horse Basin Creek.	14.40	C1	E	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUG06b_B	Mainstem of Cement Creek from the source to a point immediately above the confluence with Horse Basin Creek.	11.79	C1	E	F	F	F	F	None	1
COGUUG06c_A	Cement Creek, including all tributaries and wetlands, from a point immediately above the confluence with Horse Basin Creek to the confluence with the East River.	10.72	C1	E	X	X	X	X	None	3a
COGUUG07_A	Mainstem of the Slate River from its source to Oh-Be-Joyful Creek.	7.21	C1	E	F	F	F	F	None	1
COGUUG07_B	Mainstem of the Slate River from Oh-Be-Joyful Creek to a point immediately above the confluence with Coal Creek	4.66	C1	E	F	N	F	F	Zn-D	5
COGUUG08_A	Mainstem of the Slate River from a point immediately above the confluence with Coal Creek to the confluence with the East River.	8.73	C1	E	F	N	F	F	Cd-D, Temp, Zn-D	5
COGUUG09_A	All tributaries and wetlands to the Slate River, excluding Coal Creek.	28.10	C1	E	F	F	F	F	None	1
COGUUG09_B	Mainstem of Coal Creek from source to Crested Bute Intake.	3.03	C1	E	F	U	F	N	As-T	5
COGUUG10a_A	Mainstem of Oh-Be-Joyful Creek from the boundary of the Raggeds Wilderness Area to the confluence with Slate River.	2.17	C1	E	F	N	F	NA	Cd-D, Cu-D, Pb-D, Zn-D	5
COGUUG10b_A	All tributaries, including wetlands, to Redwell Creek.	0.96	C1	E	N	N	I	NA	Cd-D, Pb-D, Zn-D, Cu-D	5
COGUUG11_B	Elk Creek and it's Tributaries	2.42	C1	E	F	N	X	N	Cd-D, Pb-D, Zn-D, As-T	5
COGUUG11_C	Mainstem of Coal Creek from a point immediately above the confluence with Elk Creek to a point immediately below the Crested Butte Water Supply intake	2.23	C1	E	F	N	F	N	Cd-D, Zn-D, As-T, Mn-D	5
COGUUG12_A	All tributaries and wetlands of Caol Creek from Crested Butte water supply intake to the Slate River, excluding Coal Creek.	4.55	C1	E	F	F	F	F	None	1
COGUUG12_B	Mainstem of Coal Creek, from a point immediately below the Crested Butte Water Supply intake to the confluence with the Slate River	2.94	C1	E	F	N	X	N	Cd-D, Cu-D, Zn-D, As-T	5

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUG13_A	Mainstem of Woods Creek from the source to the confluence with Washington Gulch.	2.99	C2	E	F	F	F	F	None	1
COGUUG14_A	Mainstem of the Gunnison River from its inception at the confluence of the East and Taylor rivers to the inlet of Blue Mesa Reservoir.	18.91	C1	E	F	F	F	F	None	1
COGUUG15a_A	All tributaries and wetlands to the Gunnison River from the confluence of the East and Taylor Rivers to the inlet of Blue Mesa Reservoir, excluding South Beaver Creek.	240.00	C2	U	F	F	F	F	None	1
COGUUG15a_B	Mainstem of South Beaver Creek from Saugache/Gunnison County Line to the confluence with the Gunnison River.	7.75	C2	U	F	N	F	I	Bugs	5
COGUUG15b_A	South Beaver Creek, including all tributaries and wetlands, from the source to the Saguache/Gunnison County line.	45.06	C1	U	F	F	F	F	None	1
COGUUG16a_A	All tributaries to Ohio Creek from the source to a point immediately below 7 Road	114.38	C1	U	F	F	I	F	None	3b
COGUUG16a_B	Mainstem of Ohio Creek	13.15	C1	U	F	F	F	F	None	1
COGUUG16b_A	Mainstem of Ohio Creek from a point immediately below 7 Road to the confluence with the Gunnison River.	10.96	C1	U	F	F	I	F	None	3b
COGUUG17a_A	West Antelope Creek, including all tributaries and wetlands, from the source to the confluence with Antelope Creek.	10.57	C1	U	F	F	I	I	None	3b
COGUUG17b_A	Mainstem of Antelope Creek, including all tributaries and wetlands, from the source to the confluence with the Gunnison River, excluding the listings in Segment 17a.	20.32	C1	U	F	F	I	I	None	3b
COGUUG18a_A	Mainstem of Tomichi Creek and its wetlands from the source to the confluence with Porphyry Creek.	10.77	C1	U	X	X	X	X	None	3a
COGUUG18b_A	Mainstem of Tomichi Creek and its wetlands from the confluence with Porphyry Creek to the confluence with the Gunnison River.	58.89	C1	U	F	N	F	F	Bugs	5

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUG19_A	All tributaries and wetlands to Tomichi Creek within the boundaries of the Gunnison National Forest, mainstem of Barret, Hot Springs and Quartz Creeks from their sources to their confluences with Tomichi Creek, excluding Razor Creek.	308.02	C1	U	F	F	F	F	None	1
COGUUG19_B	Mainstem of Razor Creek.from source to confluence with Tomichi Creek	22.17	C1	U	F	N	X	F	Bugs	5
COGUUG20_A	Mainstem of Indian Creek, including all tributaries, from the source to the confluence with Marshall Creek.	4.86	C1	E	F	F	F	NA	None	1
COGUUG21_A	Mainstem of Marshall Creek, including all tributaries and wetlands, from the source to the confluence with Tomichi Creek, except for specific listings in Segment 20.	37.87	C1	U	F	F	F	F	None	1
COGUUG22_A	Mainstem of Gold Creek from Browns Gulch to the confluence with Quartz Creek.	5.98	C1	E	F	F	F	F	None	1
COGUUG23_A	All tributaries and wetlands to mainstem Cochetopa Creek, from the sources to a point immediately below the confluence with West Pass Creek, excluding mainstem Cochetopa Creek.	209.26	C1	U	F	F	F	F	None	1
COGUUG23_B	Mainstem of Cochetopa Creek from Nutras Creek to West Pass Creek	18.96	C1	U	F	F	F	I	None	3b
COGUUG24_A	Mainstem of Cochetopa Creek from West Pass Creek to Forest Road 3076/Co. Rd 43	9.59	C1	U	F	F	F	F	None	1
COGUUG24_B	Mainstem of Cochetopa Creek, from Forest Road 3076/Co. Rd 43 to the confluence with Tomichi Creek.	13.93	C1	U	F	N	X	F	Bugs	5
COGUUG25_A	The segments of the Gunnison River which inter-connect Blue Mesa Reservoir, Morrow Point Reservoir, and Crystal Reservoir..	3.95	C1	E	X	X	X	X	None	3a
COGUUG26_A	All tributaries, including wetlands which are tributary to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect tâ£¤á„¤áƒ…ážˆâ£¤Âº	443.33	C1	U	F	F	F	F	None	1
COGUUG26_B	Blue Creek and all tributaries.	21.94	C1	U	F	I	F	F	None	3b

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUG26_C	Mainstem of Crystal Creek from source to confluence with the Gunnison River	13.90	C1	U	F	N	X	F	Bugs	5
COGUUG29a_A	Mainstem of the Lake Fork of the Gunnison RIver including all tributaries and wetlands, from the source to the Blue Mesa Reservoir, excluding the Lake Fork of the Gunnison RIver upstream of Cottonwood Creek, Deadman Creek and the Lake Fork of the Gunnisonâ£¤á„¤á*f*...áž^â£¤Âº	139.42	C1	E	F	F	F	F	None	1
COGUUG29a_B	Deadman Creek/Gulch and Its tributaries	0.91	C1	E	N	N	N	N	Cu-D, Se-D, Zn-D, Cd-D, Fe-Trec, Mn-D, pH, Fe-D	5
COGUUG29a_C	Lake Fork of the Gunnison River between Cooper and Silver Creek.	0.69	C1	E	F	I	F	N	Mn-D	5
COGUUG29a_D	Lake Fork of the Gunnison above Cooper Creek	4.82	C1	E	F	I	X	I	None	3b
COGUUG29a_E	Lake Fork of the Gunnison between Silver Creek and Cotonwood Creek	3.27	C1	E	F	I	X	I	None	3b
COGUUG29b_A	Mainstem of the Lake Fork of the Gunnison, including all tributaries and wetlands, from a point immediately above the confluence with Eaton Creek, to Blue Mesa Reservoir. Cebolla Creek, including all tributaries and wetlands, from the Hinsdale/Gunnison County line, to Blue Mesa Reservoir, excluding the listings in Segment 29a.	164.57	C1	E	X	X	X	X	None	3a
COGUUG30_A	Mainstem of Henson Creek, including all tributaries and wetlands, from the source to the confluence with the Lake Fork of the Gunnison, except for the specific listing in Segments 31 and 32.	39.89	C1	E	F	T	F	F	Cd-D, Zn-D	4a
COGUUG31_A	Mainstem of Palmetto Gulch Creek including all tributaries.	3.69	C2	E	F	T	F	NA	Cd-D, Zn-D	4a
COGUUG32_A	North Fork of Henson Creek including all tributaries and wetlands, from its source to the confluence with Henson Creek, except for specific listings in Segment 1.	6.61	C1	E	F	U	F	N	Mn-D	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUN01_A	All tributaries to the Uncompahgre River, including all wetlands, which are within the Mt. Sneffels or Uncompahgre Wilderness Areas.	37.83	C1	E	X	X	X	X	None	3a
COGUUN02_A	Mainstem of the Uncompahgre River from the source (Poughkeepsie Gulch) to a point immediately above the confluence with Red Mountain Creek.	5.48	C1	P	F	T	F	N	Mn-D, Cd-D, Cu-D, Zn-D	5
COGUUN03a_A	Mainstem of the Uncompahgre River from a point immediately above the confluence with Red Mountain Creek to a point immediately above the confluence with Cascade Creek.	3.34	C1	E	F	T	F	F	Cd-D, Cu-D, Fe-Trec	4a
COGUUN03b_A	Mainstem of the Uncompahgre River from a point immediately above the confluence with Cascade Creek to a point immediately above the confluence with Dexter Creek.	2.60	C1	E	U	U	U	U	None	3a
COGUUN03c_A	Mainstem of the Uncompahgre River from a point immediately above the confluence with Dexter Creek to a point immediately below the confluence with Dallas Creek.	10.93	C1	E	U	U	U	U	None	3a
COGUUN03d_A	Mainstem of the Uncompahgre River from a point immediately below the confluence with Dallas Creek to the inlet of Ridgway Reservoir.	0.02	C1	E	U	U	U	U	None	3a
COGUUN03e_A	Mainstem of the Uncompahgre River from the outlet of Ridgway Reservoir to a point immediately above the outlet of the South Canal near Uncompahgre.	11.36	C1	E	U	U	U	U	None	3a
COGUUN03f_A	Mainstem of the Uncompahgre River from a point immediately above the outlet of the South Canal to a point immediately above the Highway 90 bridge in Montrose.	11.09	C1	E	U	U	U	U	None	3a
COGUUN04a_A	Mainstem of the Uncompahgre River from the Highway 90 bridge at Montrose to Gunnison Road.	9.94	W1	E	F	I	F	F	None	3b
COGUUN04b_A	Mainstem of the Uncompahgre River from Gunnison Road to the upstream boundary of Confluence Park.	18.57	W2	P	F	T	F	F	Se-D	4a
COGUUN04c_A	Mainstem of the Uncompahgre River from the upstream boundary of Confluence Park to the confluence with the Gunnison River.	0.48	W1	E	N	N	X	NA	Fe-Trec	5

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUN05_A	All tributaries to the Uncompahgre River, including all wetlands, from the source to a point immediately below the confluence with Dexter Creek, except for specific listings in Segments 1, 6a, 6b, and 7 through 9.	39.26	C2	E	X	F	X	F	None	2
COGUUN06a_A	Mainstem of Red Mountain Creek from the source to immediately above the confluence with the East Fork of Red Mountain Creek.	0.72	C2	N	F	N	F	NA	Cu-D, Ag-D, Zn(sc)	5
COGUUN06b_A	Mainstem of Red Mountain Creek from immediately above the confluence with the East Fork of Red Mountain Creek to the confluence with the Uncompahgre River. All tributaries to Red Mountain Creek within Corkscrew and Champion basins.	8.26	none	N	F	NA	F	NA	None	1
COGUUN07_A	Mainstem of Gray Copper Gulch from the source to the confluence with Red Mountain Creek.	2.31	C2	P	F	N	F	F	Cu-D	5
COGUUN08_A	Mainstem of Mineral Creek from the source to the confluence with the Uncompahgre River.	3.14	C2	P	F	I	F	F	None	3b
COGUUN09_B	Sneffels Creek	1.52	C2	P	F	N	F	NA	Cd-D, Zn-D	5
COGUUN09_C	Canyon Creek.	4.66	C2	P	F	I	F	NA	None	3b
COGUUN09_D	Imogene Creek.	2.59	C2	P	F	N	X	NA	Cd-D, Zn-D	5
COGUUN10_A	All tributaries to the Uncompahgre River from Dexter Creek to the South Canal, exclludign Alkali Creek.	96.73	C1	P	F	F	F	F	None	1
COGUUN10_B	Alkali Creek and all tributaries.	8.03	C1	P	F	I	X	F	None	3b
COGUUN11_A	Mainstem of Coal, Dallas, Beaton, Beaver and Pleasant Valley Creeks, excluding Deer, Billy, Onion and Cow Creeks.	120.47	C1	P	F	F	F	F	None	1
COGUUN11_B	Billy Creek and Onion Creek, including all tributaries.	18.61	C1	P	F	I	X	F	None	3b
COGUUN11_C	Deer Creek from source to Cow Creek	6.90	C1	P	F	N	X	F	Bugs	5
COGUUN11_D	Mainstem of Cow Creek, including all tributaries	15.69	C1	P	F	F	X	I	None	3b

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUN12_A	All tributaries to the Uncompahgre River, including all wetlands, from the South Canal near Uncompahgre to the confluence with the Gunnison River, except for specific listings in Segments 13, 14, 15a, 15b, Dry, and Loutzenhizer..	419.08	W1	P	T	T	F	NA	Se-D	4a
COGUUN12_B	Mainstem of Dry Creek and Loutzenhizer Arroyo	24.77	W1	P	T	N	F	NA	Fe-Trec, Se-D	5
COGUUN13_A	Mainstem of East Fork Dry Creek, Pryor Creek and West Fork Dry Creek from their sources to their confluence; mainstem of Spring Creek, West Fork Spring Creek and Middle Spring Creek from the source to Popular Road at the mouth of Spring Canyon, and mainstem of Mexican Gulch from the source to the Section line dividing Section 19 and 30, T49N, R9W.	50.38	C1	E	F	F	F	NA	None	1
COGUUN14_A	East and West Forks of Horsefly Creek, including all tributaries and wetlands, from their sources to a point immediately above their confluence. Happy Canyon Creek, including all tributaries and wetlands, from the source to the most downstream national forest boundary.	24.79	C2	P	X	X	X	NA	None	3a
COGUUN15a_A	Mainstem of Happy Canyon from a point immediately below the West Canal to the confluence with the Uncompahgre River; mainstem of Horsefly Creek from a point immediately below the confluence with Wildcat Canyon to the confluence with the Uncompahgre River.	12.96	W1	P	F	F	F	NA	None	1
COGUUN15b_A	Mainstem of Dry Creek from the confluence of the East and West Forks to immediately above the confluence with Coalbank Canyon Creek.	14.58	C2	E	X	X	X	NA	None	3a
COLCLC01_A	Colorado River from Paradise Creek to below the confluence with Rifle Creek	29.98	C1	E	F	N	F	F	Temp	5
COLCLC01_B	Colorado River from Roaring Fork to Paradise Creek	4.21	C1	E	F	N	F	N	Temp, As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC02a_A	Mainstem of the Colorado River from immediately below the confluence with Rifle Creek to immediately above the confluence of Rapid Creek.	50.02	W1	E	F	I	F	F	None	3b
COLCLC02b_A	Mainstem of the Colorado River from Rapid Creek to Gunnison River except for the Humphrey Backwater area	19.56	W1	E	F	I	F	F	None	3b
COLCLC02b_B	Humphrey Backwater area	0.94	W1	E	F	N	F	I	Se-D	5
COLCLC03_A	Mainstem of the Colorado River from immediately above the confluence of the Gunnison River to the Colorado-Utah state line.	46.21	W1	E	F	I	F	NA	None	3b
COLCLC04a_A	Tributaries to Colorado River, Roaring Fork to Parachute Creek, except for Mamm Creek and Alkali Creek	157.16	C2	N	F	N	X	I	Se-D	5
COLCLC04a_B	Mamm Creek	31.68	C2	N	F	N	X	I	Se-D, Fe-Trec	5
COLCLC04a_C	Alkali Creek	14.25	C2	N	X	F	F	X	None	2
COLCLC04a_D	South Canyon Creek sections above hot springs	9.19	C2	N	F	N	X	I	Fe-Trec, Se-D	5
COLCLC04b_A	South Canyon Hot Springs.	0.13	W2	E	NA	I	F	NA	None	3b
COLCLC04c_A	South Canyon Creek from South Canyon Hot Springs to Colorado River	0.77	W1	E	F	F	I	N	As-T	5
COLCLC04d_A	The mainstem of Dry Hollow Creek, including all tributaries and wetlands, from the source to the confluence with the Colorado River.	14.27	C2	N	X	X	X	X	None	3a
COLCLC04e_A	Mainstem of Dry Creek including all tributaries and wetlands from the source to immediately above the Last Chance Ditch.	9.60	C2	N	F	I	X	NA	None	3b
COLCLC04f_A	Mainstem of Dry Creek including all tributaries and wetlands from a point immediately above the Last Chance Ditch to the confluence with the Colorado River.	0.41	C1	N	F	F	F	NA	None	1
COLCLC05_A	All tributaries to the Colorado River, including wetlands, which are within the boundaries of White River National Forest, except for the specific listing in Segments 9a and 9c.	309.20	C1	P	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC06_A	Mainstem of Oasis Creek including all tributaries and wetlands from the boundary of White River National Forest to the confluence with the Colorado River.	2.65	C2	P	F	F	F	F	None	1
COLCLC07a_A	Mainstem of Mitchell, Canyon, Elk, Garfield, Beaver, and Cache Creeks, including all tributaries and wetlands, from the boundary of the White River National Forest to their confluences with the Colorado River. Battlement Creek from the most downstream boundary of BLM lands to the confluence with the Colorado River.	137.78	C1	E	F	F	F	F	None	1
COLCLC07b_A	Mainstem of Divide Creek, including all tributaries and wetlands, from the boundary of the White River National Forest to the confluence with the Colorado River.	91.82	C1	E	F	F	F	F	None	1
COLCLC08_A	Mainstem of Northwater and Trapper Creeks, including all tributaries and wetlands, from their sources to the confluence with the East Middle Fork of Parachute Creek. East Middle Fork of Parachute Creek, including all tributaries and wetlands, from the source to the confluence with the Middle Fork of Parachute Creek.	41.08	C1	P	F	F	X	F	None	2
COLCLC09a_A	Middle Rifle Creek, including all tributaries and wetlands, from its source to the confluence with West Rifle Creek. East Rifle Creek, including all tributaries and wetlands, from the source to the boundary of the White River National Forest.	69.51	C1	E	F	F	X	NA	None	2
COLCLC09c_A	Battlement Creek, including all tributaries and wetlands, from the source to the most downstream boundary of BLM lands.	9.31	C1	E	F	F	X	F	None	2
COLCLC10_A	East Rifle Creek from the White River NF boundary to Rifle Gap Reservoir. Rifle Creek from Rifle Gap Reservoir to the Colorado River	118.50	C1	E	F	F	I	N	As-T	5
COLCLC10_B	West Rifle Creek and tribs	25.79	C1	E	F	I	I	N	As-T	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC11a_A	Mainstem of the West Fork of Parachute Creek, including all tributaries, from its source to West Fork Falls. Mainstem of East Fork of Parachute Creek, including all tributaries and wetlands, from a point immediately below the mouth of First Anvil Creek to the east boundary line of S27, T5S, R95W.	32.97	C1	N	F	F	X	F	None	2
COLCLC11b_A	Mainstem of the West Fork of Parachute Creek from West Fork Falls to the confluence with Parachute Creek; mainstem of the Middle Fork of Parachute Creek, including all tributaries, from the source to the confluence with East Middle Fork of Parachute Creek.	23.40	C1	N	F	F	X	NA	None	2
COLCLC11d_A	Mainstem of Middle Fork of Parachute Creek from the confluence with East Middle Fork to a point immediately above the confluence with the West Fork of Parachute Creek.	1.75	C1	N	F	F	F	NA	None	1
COLCLC11e_A	That portion of the mainstem of the East Fork of Parachute Creek, including all tributaries and wetlands, within Sections 27, 28, and 29, T5S, R95W.	23.82	C2	N	X	X	X	X	None	3a
COLCLC11f_A	Mainstem of the East Fork of Parachute Creek from the west boundary line of S29, T5S, R95W to the confluence with Middle Fork of Parachute Creek.	1.38	C1	N	F	F	F	F	None	1
COLCLC11g_A	All tributaries to East Fork Parachute Creek on the south side of the East Fork Parachute Creek from a point immediately below First Anvil Creek to the confluence with Parachute Creek; all tributaries to Parachute Creek on the east side of Parachute Creek from a point immediately below the East Fork of Parachute Creek to the confluence with the Colorado River; and all tributaries to the Colorado River on the north side of the Colorado River from a point immediately below Cottonwood Creek to the confluence with Parachute Creek except for specific listings in segment 7a and 9c.	100.80	C2	N	F	F	X	NA	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC11h_A	Mainstem of Parachute Creek, including all tributaries and wetlands, from the confluence of the West and East Forks to the confluence with the Colorado River except for specific listings in segment 11g.	13.73	C1	P	F	F	F	F	None	1
COLCLC12a_A	All tributaries to East Fork Parachute Creek from its source to a point immediately below the mouth of First Anvil Creek.	12.86	C1	N	X	X	X	NA	None	3a
COLCLC12b_A	All tributaries and wetlands to the Colorado River from a point immediately below the confluence of Parachute Creek to a point immediately below the confluence with Roan Creek, except for the specific listings in segments 14a, 14b and 14c.	105.97	C2	P	X	X	X	X	None	3a
COLCLC13a_A	Ttributaries to the Colorado River from below the confluence of Roan Creek to Colorado/Utah border except for Sulpher Gulch and tribs	1410.23	W2	P	F	F	F	NA	None	1
COLCLC13a_B	Sulphur Gulch and tribs	40.22	W2	P	F	I	X	NA	None	3b
COLCLC13b_A	Tributaries to Colorado from Government Highline Canal Diversion to below Salt Creek, and downgradient from Government Highline Canal, Orchard Mesa Canal No. 2, Orchard Mesa Drain, Stub Ditch and northeast Colorado National Monument boundary, except Salt â£¤á„¤á*f*…ážˆâ£¤Âº	108.33	W2	E	F	N	F	NA	Fe-Trec, Se-D	5
COLCLC13b_B	Salt Creek and tribs below lake and reservior, including Mack Wash	13.07	W2	E	F	N	F	NA	Fe-Trec, Se-D, Sediment	5
COLCLC13b_C	Adobe Creek, Leach Creek and tribs below canal	11.00	W2	E	F	N	N	NA	Se-D, Fe-Trec, *E. coli*	5
COLCLC13b_D	Indian Wash	1.61	W2	E	F	F	F	NA	None	1
COLCLC13d_A	Coal Canyon Creek downgradient of the Government Highline Canal.	0.17	W2	P	X	X	X	NA	None	3a
COLCLC13e_A	All tributaries to the Colorado River, from Lewis Wash to the West Salt Creek drainage, from an elevation of 5,200 feet to the Government Highline Canal, excluding the mainstems of Big Salt Wash, East Salt Creek and West Salt Creek.	297.36	W2	P	F	F	F	NA	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC13f_A	Asbury Creek and Sand Wash from their sources to their confluences with the Colorado River.	20.81	W2	P	F	F	X	F	None	2
COLCLC14a_A	Mainstem of Roan Creek including all wetlands and tributaries, from its source to a point immediately above the confluence with Clear Creek, except for the specific listing in segment 14b. Clear Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Tom Creek.	228.61	C1	P	F	F	F	F	None	1
COLCLC14b_A	Clear Creek, including all tributaries and wetlands, from a point immediately below the confluence with Tom Creek to the confluence with Roan Creek. Roan Creek, including all tributaries and wetlands, from a point immediately above the confluence with Clear Creek to a point immediately below the confluence with Kimball Creek.	106.22	C1	P	F	I	I	F	None	3b
COLCLC14c_B	North, South and mainstem of Dry Fork including tribs	101.05	W1	P	F	N	F	I	Mn-D, Se-D	5
COLCLC14c_C	Roan Creek and tribs including Conn Cr, Logan Wash, Bloat Gulch and Gibler Gulch	84.50	W1	P	F	N	F	I	Mn-D, Fe-Trec	5
COLCLC15a_A	Mainstem of Plateau Creek from its source to the inlet of Vega Reservoir. All tributaries and wetlands to Plateau Creek from its source to a point immediately above the confluence with Buzzard Creek. Kimball Creek, Grove Creek, Big Creek, Cottonwood Creek, Bull Creek, Spring Creek, Coon Creek, and Mesa Creek, including all wetlands and tributaries, from their sources to their confluences with Plateau Creek. The mainstem of Buzzard Creek, including all tributaries and wetlands, within the Grand Mesa National Forest.	296.57	C1	E	F	U	F	N	As-T	5
COLCLC15b_A	All tributaries and wetlands to Buzzard Creek from the Grand Mesa National Forest boundary to the confluence with Plateau Creek.	164.72	C1	E	X	X	X	X	None	3a
COLCLC15c_A	Mainstem of Plateau Creek from the outlet of Vega Reservoir to a point immediately below the confluence with Buzzard Creek.	10.26	C1	E	F	U	F	N	As-T	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC15d_A	Mainstem of Buzzard Creek from the Grand Mesa National Forest boundary to its confluence with Plateau Creek.	18.33	C1	E	X	X	X	X	None	3a
COLCLC16_A	Plateau Creek including all tributaries and wetlands, from a point immediately below the confluence with Buzzard Creek, to the confluence with the Colorado River, excluding specific listings in segment 15.	116.89	W1	E	F	I	X	F	None	3b
COLCLC17a_A	Mainstem of Rapid Creek, including all tributaries and wetlands, from its source to a point immediately below the confluence with Cottonwood Creek including Kruzen Springs.	22.41	C1	P	F	F	F	F	None	1
COLCLC17b_A	Rapid Creek, including all tributaries and wetlands, from a point immediately below the confluence with Cottonwood Creek to the confluence with the Colorado River.	1.28	C1	P	F	F	F	F	None	1
COLCLC18_A	Mainstem of Little Dolores River, including all tributaries and wetlands, from its source to immediately below the confluence with Hay Press Creek.	25.54	C1	P	F	F	X	X	None	2
COLCLY02_A	Mainstem of the Yampa River from a point immediately below the confluence with Elkhead Creek to the confluence with the Green River.	168.96	W1	E	F	F	F	F	None	1
COLCLY03a_A	All tributaries to the Yampa River, including all wetlands, from a point immediately below the confluence with Elkhead Creek to a point immediately below the confluence with the Little Snake River, except for the specific listings in Segments 3b through 15, 17a, 17b and 18.	1120.57	W2	N	F	F	F	NA	None	1
COLCLY03b_A	Mainstem of Upper Johnson Gulch from its source to confluence with Pyeatt Gulch at CO 107. Mainstems of Pyeatt Gulch, Ute Gulch, Castor Gulch, No Name Gulch, Flume Gulch, Buzzard Gulch, Coyote Gulch, Deal Gulch, Horse Gulch (BOTH), and Elk Gulch, including all tributaries from their sources to their mouths.	48.17	W2	P	F	F	F	NA	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY03c_A	Milk Creek, including all tributaries and wetlands, from Thornburgh (County Rd 15) to confluence with the Yampa River except for Wilson Creek and tribs and Stinking Gulch and tribs	78.76	W1	P	F	F	F	F	None	1
COLCLY03c_B	Wilson Creek and tribs	24.73	W1	P	F	N	X	N	Fe-Trec, SO4	5
COLCLY03c_C	Stinking Gulch and tribs	33.58	W1	P	F	N	F	N	Se-D, As-T, SO4	5
COLCLY03d_A	Mainstem of Temple Gulch and Morgan Gulch from their sources to their confluences with the Yampa River.	33.18	W2	N	F	F	F	NA	None	1
COLCLY03e_A	Mainstem of Good Spring Creek and its tributaries above Wilson Reservoir.	56.33	W2	P	F	I	X	I	None	3b
COLCLY03f_A	Big Gulch	28.24	W2	E	F	F	F	NA	None	1
COLCLY03g_A	Mainstems of Ben Morgan Creek, Boxelder Gulch, Collom Gulch, Hale Gulch and Jubb Creek, including all tributaries from their sources to their mouths.	96.04	W2	P	F	F	X	NA	None	2
COLCLY03h_A	Lay Creek from the source to the confluence with the Yampa River.	33.59	W2	N	X	X	X	X	None	3a
COLCLY03i_A	Lower Johnson Gulch from the confluence with Pyeatt Gulch at CO 107 to the confluence with the Yampa River.	2.07	W2	P	F	I	X	NA	None	3b
COLCLY04_A	North and South Fork of Fortification Creek, including all wetlands and tributaries, from their sources to their confluence. Little Cottonwood Creek, including all tributaries and wetlands from the source to the confluence with Fortification Creek.	33.58	C1	P	F	F	X	F	None	2
COLCLY05_A	Mainstem of Fortification Creek from the confluence of the North Fork and South Fork to the confluence with the Yampa River.	35.22	W1	E	F	F	F	F	None	1
COLCLY06_A	All tributaries to Fortification Creek, including all wetlands, from the confluence of the North and South Forks to the confluence with the Yampa River, except for the specific listings in Segments 4 and 7.	249.86	W2	P	F	F	F	I	None	3b

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY07_A	Mainstem of Little Bear Creek, including all tributaries and wetlands, from the source to the confluence with Dry Fork.	34.28	C1	P	F	I	F	NA	None	3b
COLCLY08_A	Mainstem of the East Fork of the Williams Fork River, including all tributaries and wetlands which are within the boundaries of the Flat Tops Wilderness Area.	30.87	C1	E	F	F	F	F	None	1
COLCLY09_A	Mainstems of the East and South Forks of the Williams Fork River, including all wetlands and tributaries, which are within the boundary of Routt National Forest, except for the specific listings in Segment 8 and 12c.	130.67	C1	P	X	X	X	X	None	3a
COLCLY10_A	Mainstem of the East Fork of the Williams Fork River including all tributaries and wetlands, from the boundary of Routt National Forest to the confluence with the South Fork of the Williams Fork River.	103.39	C1	E	F	F	F	F	None	1
COLCLY12a_A	Mainstem of the South Fork of the Williams Fork River and Beaver Creek, including all tributaries and wetlands, from the boundary of Routt National Forest to their mouths, Milk Creek including all tributaries and wetlands from its source to a point just below the confluence with Clear Creek. Morapos Creek including all wetlands and tributaries from the source to the confluence with the Williams Fork River.	144.98	C1	P	F	F	F	F	None	1
COLCLY12b_A	Milk Creek including all tributaries and wetlands from a point just below the confluence with Clear Creek to Thornburgh (County Rd 15).	12.96	C1	P	X	X	X	NA	None	3a
COLCLY12c_A	Mainstem of Beaver Creek, including all wetlands and tributaries, which are within the Routt National Forest.	20.83	C1	P	X	X	X	X	None	3a
COLCLY13a_A	Mainstem of the Williams Fork River from the confluence of the East Fork and South Fork to the Highway 13/789 bridge at Hamilton.	17.24	C2	E	F	F	F	F	None	1
COLCLY13b_A	Mainstem of the Williams Fork River from the highway 13/789 bridge at Hamilton to the confluence with the Yampa River.	7.51	W2	E	F	F	F	F	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY15_A	Those portions of the Little Snake River which are in Colorado, from its first crossing of the Colorado/Wyoming border to a point immediately above the confluence with Powder Wash (Moffatt County).	41.07	C1	E	F	F	F	F	None	1
COLCLY16_A	Mainstem of the Little Snake River from a point immediately above the confluence with Powder Wash to the confluence with the Yampa River.	69.43	W2	E	F	I	X	F	None	3b
COLCLY17a_A	All tributaries to the Little Snake River from its first crossing of the Colorado/Wyoming border to a point immediately below the confluence with Fourmile Creek, except for the specific listing in Segment 18.	408.87	C1	P	F	F	F	NA	None	1
COLCLY17b_A	All tributaries to the Little Snake River from a point immediately below the confluence with Fourmile Creek to the confluence with the Yampa River, except for the specific listing in Segment 17c.	1331.37	W2	N	F	F	X	NA	None	2
COLCLY17c_A	Scandinavian Gulch from the source to the confluence with the Little Snake River.	54.81	W2	N	F	F	X	NA	None	2
COLCLY18_A	Mainstem of Slater Creek, including all tributaries and wetlands, from the source to a point just below the confluence with Second Creek. The mainstems of Fourmile and Willow Creeks, including all tributaries and wetlands, from their sources to the boundary of the Routt National Forest.	131.03	C1	P	F	F	F	F	None	1
COLCLY19a_A	Mainstem of the Green River within Colorado (Moffat County) from its entry at the Utah/Colorado border to a point just above the confluence with the Yampa River.	5.58	C1	E	F	F	F	F	None	1
COLCLY19b_A	Mainstem of the Green River within Colorado (Moffat County) from a point just above the confluence with the Yampa River to its exit at the Utah/Colorado border.	37.90	W1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY20_A	All tributaries to the Green River in Colorado, including all wetlands, except for the specific listings in Segments 21and 22a - 22d. All tributaries to the Yampa River from a point immediately below the confluence with the Little Snake River to the confluence with the Green River, except for the specific listings in segments 15 through 18.	871.10	C2	E	F	F	F	NA	None	1
COLCLY21_A	Mainstem of Beaver Creek, including all tributaries and wetlands, from the source to the confluence with the Green River within Colorado.	59.31	C1	N	F	F	X	F	None	2
COLCLY22a_A	Vermillion Creek and tribs from Colorado/Wyoming border to below the confluence with Talamantes Creek except Talamantes Creek and tribs.	178.86	C1	N	F	F	X	NA	None	2
COLCLY22a_B	Talamantes Creek and tribs	57.14	C1	N	F	N	X	NA	Bugs	5
COLCLY22b_A	Vermillion Creek, including all tributaries and wetlands, from a point just below the confluence with Talamantes Creek to the confluence with the Green River, except for the specific listing in segment 22c.	397.51	W1	N	F	F	F	NA	None	1
COLCLY22c_A	Mainstem of Vermillion Creek from HWY 318 to the confluence with the Green River.	14.08	W1	E	F	I	I	NA	None	3b
COLCLY22d_A	Conway Draw	100.52	C2	E	F	F	F	F	None	1
COLCWH01_A	All tributaries to the White River, including all wetlands, which are within the boundaries of the Flat Tops Wilderness Area.	213.56	C1	E	F	F	F	F	None	1
COLCWH03_A	Mainstem of the North Fork of the White River and mainstem of the White River from the Flat Tops Wilderness Area boundary to a point immediately above the confluence with Miller Creek.	37.74	C1	E	F	F	F	F	None	1
COLCWH04a_A	All tributaries to the North Fork of the White River, including all wetlands, from the Flat Tops Wilderness Area boundary to the confluence with the South Fork of the White River except for the specific listings in Segment 1 and 4b.	157.62	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCWH04b_A	Mainstems of Lost Creek and Snell Creek, including all wetlands and tributaries, from the Flat Tops Wilderness area to the boundary of the White River National Forest.	44.22	C1	E	F	F	F	F	None	1
COLCWH06_A	Mainstem of the South Fork of the White River, including all tributaries and wetlands, from the boundary of the Flat Tops Wilderness Area to the confluence with the North Fork of the White River.	64.66	C1	E	F	F	F	F	None	1
COLCWH07_A	White River from above the confluence with Miller Creek to above a point below Meeker.	19.79	C1	E	F	N	F	F	Temp, Bugs	5
COLCWH07_B	White River below Meeker to the confluence with Piceance Creek.	27.18	C1	E	F	N	F	N	Temp, Bugs, As-T	5
COLCWH08_A	All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Piceance Creek, which are within the boundaries of White River National Forest.	136.27	C1	P	F	F	X	F	None	2
COLCWH09a_A	All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Flag Creek, which are not within the boundary of National Forest lands, except for the specific listings in Segments 9c, 9d and 10b.	115.19	C2	N	F	F	X	F	None	2
COLCWH09b_A	Tributaries to the White River from above the confluence with Flag Creek, to above the confluence with Piceance Creek, which are not within the boundary of NF lands; excluding Strawberry Creek	331.33	C2	N	F	F	X	I	None	3b
COLCWH09b_B	Mainstem of Strawberry Creek	20.46	C2	N	F	F	X	F	None	2
COLCWH09c_A	Mainstems of Flag Creek, including all tributaries and wetlands, from the source to a point just below the confluence with the East Fork of Flag Creek.	40.73	C2	E	F	F	F	F	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCWH09d_A	Sulphur Creek, including all tributaries and wetlands, from the source to the confluence with the White River. Flag Creek, including all tributaries and wetlands, from a point just below the confluence with the East Fork of Flag Creek to the confluence with the White River.	59.38	C2	E	F	N	F	F	Se-D	5
COLCWH10b_A	Big Beaver Creek, Miller Creek, and North Elk Creek and tribs from their boundary with NF lands to their confluences with White River.	99.92	C1	P	F	F	X	F	None	2
COLCWH10b_B	Mainstem of Coal Creek and tribs from the source to the confluence with White River	42.70	C1	P	F	F	X	F	None	2
COLCWH12_A	Mainstem of the White River from a point immediately above the confluence with Piceance Creek to a point immediately above the confluence with Douglas Creek.	45.20	W1	E	F	F	F	N	As-T	5
COLCWH13a_A	All tributaries to the White River, including all wetlands, from a point immediately below the confluence with Piceance Creek to a point immediately above the confluence with Douglas Creek, except for the specific listings in Segments 13b through 20.	1058.76	W2	N	F	F	X	NA	None	2
COLCWH13b_A	Yellow Creek from source to below the confluence with Barcus Creek. Tributaries to Yellow Creek from the source to the White River, except for Corral Gulch and tribs, Stake Springs Draw and tribs above Stake Springs and Duck Creek and tribs.	289.06	W2	P	F	N	F	F	Sediment	5
COLCWH13b_B	Corral Gulch and tribs	19.81	W2	P	F	N	F	I	Sediment	5
COLCWH13b_C	Stake Springs Draw and tribs above Stake Springs	25.51	W2	P	F	N	F	I	Sediment	5
COLCWH13b_D	Duck Creek and tribs	21.15	W2	P	F	N	F	F	Sediment	5
COLCWH13c_A	Yellow Creek from immediately below the confluence with Barcus Creek to the confluence with Greasewood Creek	3.01	W2	P	F	N	X	NA	Bugs, Fe-Trec	5
COLCWH13c_B	Yellow Creek below Greasewood Creek to the confluence with the White River	2.88	W2	P	F	N	X	NA	Bugs, Fe-Trec, Temp	5
COLCWH14a_A	Piceance Creek from the source to below confluence with Willow Creek	27.77	C1	P	F	F	X	N	As-T	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCWH14a_B	Piceance Creek from Willow Creek to Hunter Creek	1.89	C1	P	F	F	F	N	As-T	5
COLCWH14b_A	Mainstem of Piceance Creek from a point just below the confluence with Hunter Creek to a point just below the confluence with Ryan Gulch.	6.62	C1	P	F	F	X	NA	None	2
COLCWH15_A	Dry Fork of Piceance Creek and tribs from below the confluence with Little Reigan Gulch to confluence with Piceance Creek.	15.16	W2	P	F	F	X	NA	None	2
COLCWH15_B	Mainstem of Piceance Creek	13.30	W2	P	F	N	F	NA	Bugs	5
COLCWH15_C	Piceance Creek from 3 miles above the confluence with White River, to the confluence with White River	2.99	W2	P	F	N	F	NA	Temp, Bugs	5
COLCWH16a_A	All tributaries to Piceance Creek, including all wetlands, from the source to a point immediately below the confluence with Dry Thirteenmile Creek, except for the specific listings in Segments 15, 17, 18, 19 and 20. Dudley Gulch.	156.99	W2	N	F	F	F	F	None	1
COLCWH16b_A	Tributaries to Piceance Creek including all wetlands, from below the confluence with Dry Thirteenmile Creek to the confluence with White River; excluding Ryan Gulch	223.27	W2	N	F	F	F	NA	None	1
COLCWH16b_B	Ryan Gulch and tribs	68.13	W2	N	F	F	I	NA	None	3b
COLCWH17_A	Stewart Gulch from the sources of the East Middle, and West Forks to the confluence with Piceance Creek.	37.91	C2	P	F	F	F	NA	None	1
COLCWH18a_A	Willow and Hunter Creeks, including all tributaries and wetlands, from their sources to their confluences with Piceance Creek.	95.99	C2	N	X	X	X	NA	None	3a
COLCWH18b_A	Mainstem of the Dry Fork of Piceance Creek, including all tributaries and wetlands, from the source to a point just below the confluence with Little Reigan Gulch. Box D Gulch from its source to the confluence with the Dry Fork of Piceance Creek.	58.73	C2	P	X	X	X	X	None	3a
COLCWH19_A	Mainstem of Fawn Creek from the source to the confluence with Black Sulphur Creek.	24.69	C1	P	F	F	F	NA	None	1
COLCWH20_A	All tribs and wetlands of Black Sulpher Creek from source to confluence with Piceance Creek	88.02	C1	P	F	N	X	N	Bugs, As-T	5

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCWH20_B	Mainstem of Black Sulphur Creek from source to Piceance Creek	21.58	C1	P	F	F	X	F	None	2
COLCWH21_A	Mainstem of the White River from a point immediately above the confluence with Douglas Creek to the Colorado/Utah border.	29.06	W1	E	F	U	F	N	As-T	5
COLCWH22_A	Tributaries to the White River including all wetlands, from above the confluence with Douglas Creek to the Colorado/Utah border except West Evacuation Wash including tribs and Douglas Creek	963.44	W2	P	F	F	F	NA	None	1
COLCWH22_B	West Evacuation Wash with tribs and Douglas Creek	9.96	W2	P	F	N	X	NA	Sediment	5
COLCWH23_A	West Douglas Creek from sources to confluence	223.76	C1	E	F	N	X	F	Temp	5
COLCWH23_B	East Douglas creek from the point below Tommy's Draw a point above its conflunce with Douglas Creek	9.08	C1	E	F	N	X	F	Temp, Sediment	5
COLCWH23_C	Mainstem of East Douglas Creek and tribs from the source to a point below Tommy's Draw	98.76	C1	E	F	N	X	F	Temp, Bugs	5
CORGAL01_A	All tributaries to the Alamosa River or Conejos River, including all wetlands, within the South San Juan Wilderness area.	137.30	C1	E	X	X	X	X	None	3a
CORGAL02_A	Mainstem of the Alamosa River, including all tributaries and wetlands, from the source to immediately above the confluence with Alum Creek, except for tributaries to lower Iron Creek and specific listings in segments 1, 4a, and 4b.	22.95	C1	E	F	I	X	I	None	3b
CORGAL03a_A	Mainstem of the Alamosa River from immediately above the confluence with Alum Creek to immediately above the confluence of Wightman Fork.	3.06	C2	E	F	T	X	NA	Al-T, Cu-D, pH, Zn-D	4a
CORGAL03b_A	Mainstem of the Alamosa River from immediately above the confluence with Jasper Creek to immediately above the confluence with Fern Creek.	1.67	C1	E	X	T	X	NA	Al-T, Cu-D, pH, Zn-D	4a
CORGAL03b_B	Mainstem of the Alamosa River from immediately above the confluence with the Wightman Fork to Jasper Creek.	3.09	C1	E	F	T	X	NA	Cu-D, Al-T, pH, Zn-D	4a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGAL03c_A	Mainstem of the Alamosa River from immediately above the confluence with Fern Creek to immediately below the confluence with Ranger Creek.	5.48	C1	E	F	T	X	NA	Al-T, pH, Zn-D, Cu-D	4a
CORGAL03d_A	Mainstem of the Alamosa River from immediately below the confluence with Ranger Creek to the inlet of Terrace Reservoir.	5.08	C1	E	F	N	F	NA	Al-T, Cu-D, pH, Zn-D	5
CORGAL04a_A	Mainstems of Iron Creek, Alum Creek, Bitter Creek, and Burnt Creek, including all tributaries and wetlands, from their sources to their confluences with the Alamosa River, excluding the listings in segment 4b.	12.00	none	E	F	NA	X	NA	None	2
CORGAL04a_B	Tributaries to lower Iron Ck	2.09	none	E	F	N	X	NA	Cu-D, Fe-Trec, pH, Zn-D	5
CORGAL04b_A	Mainstem of Iron Creek from the source to immediately above the confluence with South Mountain Creek, including all tributaries and wetlands.	4.52	C1	E	F	F	X	NA	None	2
CORGAL05_A	Mainstem of Wightman Fork from the source to the west line of S30, T37N, R4E, including all tributaries and wetlands.	2.80	C1	E	F	T	X	NA	pH	4a
CORGAL06_A	Mainstem of Wightman Fork from the west line of S30, T37N, R4E to the confluence with the Alamosa River.	5.76	none	E	X	NA	X	NA	None	3a
CORGAL07_A	Jasper Creek, including all tributaries and wetlands, from the source to the confluence with the Alamosa River.	3.17	C2	E	F	F	F	NA	None	1
CORGAL09_A	Mainstem of Alamosa River from the outlet of Terrace Reservoir to Hwy 15 (Gunbarrel Road).	10.83	C1	E	F	T	F	NA	Cu-D	4a
CORGAL10_A	Mainstem of the Alamosa River from Hwy 15 (Gunbarrel Road) to its point of final diversion.	27.28	C2	E	F	I	F	NA	None	3b
CORGAL11a_A	All tributaries, including wetlands, to La Jara Reservoir. La Jara Creek tributaries and wetlands from the outlet of La Jara Reservoir to a point immediately below the confluence with Jarosa Creek, excluding the listings in segment 11b.	73.37	C1	E	X	X	X	NA	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGAL11b_A	Mainstem of La Jara Creek from the outlet of La Jara Reservoir to a point immediately above the confluence with Hot Creek. All tributaires, including wetlands, to La Jara Creek from a point immediately below the confluence with Jarosa Creek to a point immediately above the confluence with Hot Creek.	80.02	C1	E	F	I	X	F	None	3b
CORGAL12_A	Mainstem of La Jara Creek from immediately above the confluence with Hot Creek to the confluence with the Rio Grande.	36.82	W2	E	F	I	X	NA	None	3b
CORGAL13_A	Mainstem of Hot Creek from the source to the confluence with La Jara Creek.	13.70	C1	E	F	N	F	F	Fe-Trec	5
CORGAL14a_A	Mainstem of the Conejos River, including all tributaries and wetlands, from the source to immediately below the confluence with Elk Creek, excluding the specific listings in segment 1.	76.33	C1	E	F	F	F	F	None	1
CORGAL14b_A	Mainstem of the Conejos River, including all tributaries and wetlands, from a point immediately below the confluence with Elk Creek to a point immediately above the confluence with Fox Creek.	54.82	C1	E	F	F	F	F	None	1
CORGAL15_A	Mainstem of the Conejos River from a point immediately above the confluence with Fox Creek to the confluence with the San Antonio River.	35.69	C1	E	F	F	F	F	None	1
CORGAL16_A	Mainstem of the Conejos River from the confluence with the San Antonio River to the confluence with the Rio Grande.	17.78	W1	E	X	X	X	NA	None	3a
CORGAL17a_A	Mainstem of Rio de Los Pinos, including all tributaries and wetlands within Colorado, excluding the specific listings in segment 1.	46.60	C1	E	X	X	X	X	None	3a
CORGAL17b_A	Mainstem of the Rio San Antonio from the Colorado/New Mexico border to Hwy 285.	6.45	C1	E	X	X	X	X	None	3a
CORGAL18_A	Mainstem of the Rio San Antonio from Hwy 285 to the confluence with the Conejos River.	17.36	W2	E	F	F	F	NA	None	1
CORGAL19_A	Mainstem of the Rio Chama, including all tributaries and wetlands within Colorado, excluding the specific listings in segment 1.	68.83	C1	E	F	F	F	F	None	1

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGAL20_A	All tributaries and wetlands to the Alamosa River, La Jara Creek, or the Conejos River within the boundaries of the Rio Grande National Forest excluding the specific listings in segments 1 through 7, 11a, 11b, 13, 14a, 14b, 17a,17b and18.	126.80	C1	E	F	N	F	I	pH	5
CORGAL21_A	All tributaries to the Conejos River from a point immediately above the confluence with Fox Creek to the Rio Grande.	303.40	none	N	F	NA	X	F	None	2
CORGCB01_A	All tributaries to the Closed Basin, including all wetlands, within the La Garita Wilderness Area.	27.95	C1	E	X	X	X	X	None	3a
CORGCB02a_A	Mainstem of La Garita Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Geronimo Creek. The Middle, and South Forks of Carnero Creek, including all tributaries and wetlands, from their sources to their confluences at the inception of the mainstem of Carnero Creek.	49.20	C1	E	X	X	X	X	None	3a
CORGCB02a_B	North Fork of Carnero Creek, including all tributaries and wetlands.	20.75	C1	E	F	N	X	N	Bugs, As-T	5
CORGCB02a_C	South Fork of Carnero Creek, including all tributaries and wetlands.	33.96	C1	E	F	I	X	N	As-T	5
CORGCB02b_A	All tributaries to the mainstem of Carnero Creek from its inception at the confluence of the North, Middle, and South Forks to 42 Road, excluding the specific listings in segment 2a	22.21	C1	E	X	X	X	X	None	3a
CORGCB02b_B	Mainstem of La Garita Creek, including all tributaries and wetlands, from a point immediately below the confluence with Geronimo Creek to 38 Road.	32.73	C1	E	F	N	X	N	Bugs, As-T	5
CORGCB02c_A	Mainstem of Carnero Creek from its inception at the confluence of the North, Middle, and South Forks to 42 Road.	10.39	C1	E	F	I	X	N	As-T	5
CORGCB03_A	All tributaries to the Closed Basin except for Cottonwood Creek, Major Creek, Willow Creek and excluding the listings in segments 2a, 2b, 2c, and 4 through 13.	594.60	W1	E	F	F	X	F	None	2
CORGCB03_B	Cottonwood Creek, including all tributaries and wetlands.	24.02	W1	E	F	I	X	F	None	3b

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGCB03_C	Major Creek, including all tributaries and wetlands.	6.67	W1	E	F	I	X	F	None	3b
CORGCB03_D	Willow Creek, including all tributaries and wetlands.	12.61	W1	E	F	N	X	F	Cu-D	5
CORGCB04_A	Mainstem of San Luis Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Piney Creek, excluding the specific listings in segments 8, 9a and 9b. Garner Creek, including all tributaries and wetlands, from the Rio Grande Forest Boundary to ithe mouth.	197.36	C1	E	F	U	X	N	As-T	5
CORGCB05_A	Mainstem of San Luis Creek from a point immediately below the confluence with Piney Creek to the inlet to San Luis Lake.	43.06	C2	E	F	I	X	NA	None	3b
CORGCB08_A	Mainstem of Kerber Creek, including all tributaries and wetlands from the source to a point immediately above the Cocomongo Mill site. Mainstem of Squirrel Creek from the source to immediately above Bear Creek, Brewery Creek from source to Kerber Creek, and the mainstem of Elkhorn Gulch.	11.09	C1	E	F	F	X	NA	None	2
CORGCB09a_A	Mainstem, tributaries and wetlands of Kerber Creek, including all tributaries and wetlands,from the source to immediately above the confluence of Brewery Creek, except for Squirrel Creek and excluding the specific listings in segment 8.	65.91	none	E	F	T	F	F	Ag-D, Cd-D, Pb-D	4a
CORGCB09a_B	Squirrel Creek from a point immediately below the confluence with Bear Creek to the confluence with Kerber Creek	1.56	none	E	F	T	X	I	Ag-D, Cd-D, Pb-D	4a
CORGCB09b_A	Mainstem of Kerber Creek from a point immediately above the confluence with Brewery Creek to the confluence with U S Gulch.	4.85	C1	E	F	T	F	N	As-T, Cd-D, Cu-D, Zn-D	5
CORGCB09b_B	Mainstem of Kerber Creek from a point immediately above the confluence with U S Gulch to the confluence with San Luis Creek.	11.30	C1	E	F	N	F	N	As-T, Bugs, Cd-D, Cu-D, Zn-D	5
CORGCB10_A	Mainstem of Medano Creek, including all tributaries and wetlands, from the source to the mouth.	47.27	C1	E	F	F	X	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGCB10_B	Mainstem of Sand Creek, including all tributaries and wetlands, from the source to the mouth.	33.99	C1	E	F	I	X	F	None	3b
CORGCB11_A	All tributaries to the Closed Basin within the Rio Grande National Forest boundaries except segments 1, 2a, 2b, 2c, 4, 9a, 9b, 10, 12a and 12b.	178.32	C1	E	X	X	X	X	None	3a
CORGCB12a_A	Mainstem of Saguache Creek, including all tributaries and wetlands, from the boundary of the La Garita Wilderness Area to a point just below the confluence Ford Creek, excluding the specific listings in segment 1, and East Pass Creek.	387.07	C1	E	F	N	F	N	As-T, Fe-Trec	5
CORGCB12a_B	East Pass Creek, including all tributaries and wetlands.	7.76	C1	E	F	N	X	N	As-T, Fe-Trec, Sediment	5
CORGCB12a_C	Ford Creek, including all tributaries and wetlands.	21.37	C1	E	F	N	X	N	As-T, Fe-Trec	5
CORGCB12b_A	Mainstem of Saguache Creek, including all tributaries and wetlands, from a point just below the confluence with Ford Creek to Hwy 285.	51.16	C1	E	X	X	X	X	None	3a
CORGCB13_A	Mainstem of Saguache Creek from Hwy 285 to the confluence with San Luis Creek. Mainstem of Russel Creek. Mainstem of Cottonwood Creek downstream of the Rio Grande National Forest Boundary.	46.23	W2	E	X	X	X	X	None	3a
CORGRG01_A	All tributaries to the Rio Grande, including all wetlands, within the Weminuche Wilderness Area.	174.68	C1	E	X	X	X	X	None	3a
CORGRG02_A	Mainstem of the Rio Grande, including all tributaries and wetlands, from the source to a point immediately above the confluence with Willow Creek, excluding the listings in segments 1 and 3, and South Clear Creek.	345.40	C1	E	F	F	X	F	None	2
CORGRG02_B	South Clear Creek and its tributaries	19.11	C1	E	F	N	X	I	Fe-Trec	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGRG03_A	Mainstem of Seepage Creek from the outlet of Santa Maria Reservoir to a point one mile below the outlet of Santa Maria Reservoir. Mainstem of North Clear Creek from the outlet of Continental Reservoir to a point immediately above the confluence with Rito Hondo Creek.	3.79	C2	E	F	I	X	NA	None	3b
CORGRG04a_A	Mainstem of the Rio Grande from a point immediately above the confluence with Willow Creek to a point immediately above the confluence with the South Fork Rio Grande.	22.46	C1	E	F	N	F	F	Pb-D, Cd-D, Zn-D	5
CORGRG04b_A	Mainstem of the Rio Grande from a point immediately above the confluence with South Fork Rio Grande to Del Norte	21.08	C1	E	F	N	X	F	Temp, As-T, Cd-D, Zn-D	5
CORGRG04b_B	Mainstem of the Rio Grande from Del Norte to the Hwy 285 crossing.	33.20	C1	E	F	N	X	F	Temp, Cu-D, Cd-D, Zn-D	5
CORGRG04c_A	Mainstem of the Rio Grande from the Hwy 285 crossing to the Rio Grande/Alamosa County line.	12.05	W1	E	F	N	X	N	As-T, Cu-D	5
CORGRG05_A	All tributaries to the Rio Grande, including all wetlands, from immediately above the confluence with Willow Creek to Hwy 112 bridge near Del Norte, except for Nelson Creek and excluding the listings in segments 6 through 10.	312.96	C1	E	F	F	X	F	None	2
CORGRG05_B	Nelson Creek	1.45	C1	E	F	I	X	I	None	3b
CORGRG06_A	Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump. East Willow Creek from the confluence with Whited Creek to the confluence with West Willow Creek.	5.55	C1	E	NA	F	X	NA	None	2
CORGRG07_A	Mainstem of West Willow Creek from the Park Regent Mine dump to the confluence with Nelson Creek. Mainstem of Willow Creek, including all tributaries from the confluence of East and West Willow Creeks, to the confluence with the Rio Grande.	6.26	C2	E	F	N	F	NA	Cd-D, Pb-D, Zn-D	5
CORGRG07_B	West Willow Creek below Nelson Creek to East Willow Creek	1.51	C2	E	U	N	U	NA	Cd-D, Pb-D, Zn-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGRG08_A	Mainstem of Goose Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande, excluding the specific listings in segment 1.	27.15	C1	E	X	X	X	X	None	3a
CORGRG09_A	Mainstem of the South Fork Rio Grande, including all tributaries and wetlands, from the source to the confluence with the Rio Grande, excluding the specific listings in segment 1, and North Branch of Pass Creek.	156.27	C1	E	F	F	F	F	None	1
CORGRG09_B	North Branch of Pass Creek	2.88	C1	E	F	N	F	N	Zn-D, As-T	5
CORGRG10_A	Mainstem of Pinos Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande.	101.82	C1	E	F	F	X	F	None	2
CORGRG11_A	Mainstem of San Francisco Creek (Rio Grande County), including all tributaries and wetlands, from the source to a point immediately below the confluence with Spring Branch.	28.65	C1	E	F	N	F	N	Bugs, As-T	5
CORGRG12_A	Mainstem of the Rio Grande from the Rio Grande/Alamosa County line to the Old State Bridge east of Lobatos (Conejos County Road G).	65.35	W1	E	F	N	F	NA	Bugs	5
CORGRG13_A	Mainstem of the Rio Grande from Old State Bridge east of Lobotos (Conejos County Road G) to the Colorado/New Mexico border.	8.36	W1	E	F	I	F	NA	None	3b
CORGRG14_A	Mainstems of Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, and Dry Creek, including all tributaries and wetlands, within the boundaries of the Rio Grande National Forest.	47.51	C1	E	X	X	X	X	None	3a
CORGRG15_A	All tributaries to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the listings in segments 11,14 and 16 through 31.	450.37	none	N	F	NA	F	F	None	1
CORGRG16_A	All tributaries to the Rio Grande, including wetlands, within the Alamosa National Wildlife Refuge, excluding the specific listing in segment 12.	1.54	W2	E	X	X	X	NA	None	3a
CORGRG17_A	All tributaries and wetlands to the Rio Grande, including wetlands, within the Monte Vista National Wildlife Refuge.	13.90	W2	E	X	X	X	NA	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGRG19_A	Mainstem of Rock Creek, including all tributaries and wetlands, from the source to the Monte Vista Canal.	49.84	C1	E	F	I	X	N	As-T	5
CORGRG20a_A	Mainstem of Cat Creek, including all tributaries and wetlands, from the source to the Rio Grande National Forest boundary.	32.49	C1	E	F	N	X	NA	Bugs	5
CORGRG20b_A	Mainstem of Cat Creek from the Rio Grande National Forest boundary to the Terrace Main Canal.	6.52	C2	E	F	I	F	NA	None	3b
CORGRG21a_A	Mainstem of Ute Creek, including all tributaries and wetlands, from the source to the crossing at 37.50 oN latitude (WGS84).	25.86	C1	E	F	F	F	F	None	1
CORGRG21b_A	Mainstem of Ute Creek, including all tributaries and wetlands, from the crossing at 37.50 oN latitude (WGS84) to Hwy 160.	7.63	C1	E	X	X	X	X	None	3a
CORGRG22_A	Mainstem of Ute Creek from Hwy 160 to the confluence with Sangre de Cristo Creek.	3.77	C2	E	X	X	X	X	None	3a
CORGRG23a_A	Mainstem of Sangre de Cristo Creek, including all tributaries and wetlands, from the source to Hwy 159, excluding the specific listings in segment 23b.	117.11	C1	E	X	X	X	NA	None	3a
CORGRG23b_A	Mainstem of Sangre de Cristo Creek from a point immediately below the confluence with Placer Creek to Hwy 159.	17.31	C1	E	F	F	F	NA	None	1
CORGRG24_A	Mainstem of Sangre de Cristo Creek from Hwy 159 to the inlet of Smith Reservoir.	5.76	C2	E	X	X	X	NA	None	3a
CORGRG25_A	Mainstem of Trinchera Creek including all tributaries and wetlands, from the source to the inlet of Mountain Home Reservoir.	33.01	C1	E	F	I	X	F	None	3b
CORGRG26_A	Mainstem of Trinchera Creek from the outlet of Mountain Home Reservoir to the Rio Grande.	21.54	C2	E	F	F	F	NA	None	1
CORGRG28_A	Mainstem of Rito Seco, including all tributaries and wetlands, from the source to the Battle Mountain Gold Mine	6.45	C1	E	F	F	F	F	None	1
CORGRG28_B	Mainstem of Rito Seco, including all tributaries and wetlands, from the Battle Mountain Gold Mine to Salazar Reservoir	5.78	C1	E	F	I	N	F	*E. coli*	5
CORGRG29_A	Mainstem of Rito Seco from the outlet of Salzar Reservoir to the confluence with	1.86	C2	E	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
	Culebra Creek.									
CORGRG30_A	Mainstem of Culebra Creek, including all tributaries and wetlands, from the source to the Culebra Sanchez Canal diversion, excluding the specific listings in segment 31. East Fork and West Fork of Costilla Creek, including all tributaries and wetlands, within Colorado.	124.15	C1	E	F	F	F	F	None	1
CORGRG31_A	Mainstem of Culebra Creek from the Sanchez Canal Diversion to Hwy 159. Mainstem of Ventero Creek from the Colorado/New Mexico border to the confluence with Culebra Creek. Mainstem of Costilla Creek, including all tributaries and wetlands within Colorado, excluding the spefic listings for the East and West Forks in segment 30.	91.23	C1	E	X	X	X	X	None	3a
COSJAF01_A	All tributaries to the Animas River and Florida River, including all wetlands, which are within the Weminuche Wilderness Area.	83.83	C1	E	F	F	X	F	None	2
COSJAF02_A	Mainstem of the Animas River, including all tributaries and wetlands, from the outlet of Denver Lake to a point immediately above the confluence with Maggie Gulch, except for specific listings in Segment 6.	22.67	none	E	U	T	X	NA	Al-T, Cd-D, Cu-D, Fe-D, Pb-D	4a
COSJAF03a_A	Mainstem of the Animas River, including wetlands, from a point immediately below the confluence with Maggie Gulch to immediately above the confluence with Cement Creek.	11.78	C1	E	F	F	X	NA	None	2
COSJAF03b_A	Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Cement Creek to a point immediately above the confluence with Mineral Creek.	0.83	none	E	NA	T	X	NA	Al-T, Cd-D, Cu-D, Fe-D, Pb-D	4a
COSJAF03c_A	Arrastra Gulch including all tributaries and wetlands from the source to the confluence with the Animas River.	2.67	C2	E	F	N	F	NA	Cd-D, Zn-D	5
COSJAF04a_A	Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Mineral Creek to a point immediately above the confluence with Deer Park Creek.	7.25	C2	E	F	N	F	NA	Al-T, Cu-D, Fe-D, pH, Zn-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJAF04b_A	Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Deer Park Creek to Bakers Bridge.	28.29	C1	E	F	T	U	F	Zn-D	4a
COSJAF05a_A	Mainstem of the Animas River, including wetlands, from Bakers Bridge to the Southern Ute Indian Reservation boundary.	26.17	C1	E	F	U	F	N	Mn-D	5
COSJAF05b_A	Mainstem of the Animas River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border.	20.23	C1	E	F	F	F	F	None	1
COSJAF06_A	Mainstem of the Animas River from the source to the outlet of Denver Lake. Mainstem, including all tributaries and wetlands of Cinnamon Creek, Grouse Creek, Picayne Gulch, and Minnie Gulch. All tributaries and wetlands to the Animas River from immediately above Maggie Gulch to Elk Park except for those listed under segments 3c, 7, 8 and 9.	28.32	C1	E	F	F	F	F	None	1
COSJAF07_A	Mainstem of Cement Creek, including all tributaries, and wetlands, from the source to the confluence with the Animas River.	12.31	none	E	F	T	X	NA	Al-T, Cd-D, Cu-D, Fe-D, Pb-D	4a
COSJAF08_A	Mainstem of Mineral Creek, including wetlands, from the source to a point immediately above the confluence with South Mineral Creek. All tributaries on the east side of this segment of Mineral Creek including wetlands, except for Big Horn Creek. Mainstem of the Middle Fork of Mineral Creek including all tributaries and wetlands from the source to the confluence with Mineral Creek except for Crystal Lake and its exiting tributary to confluence with Middle Fork of Mineral Creek.	11.19	none	E	F	T	X	NA	Al-T, Cd-D, Cu-D, Fe-D, Pb-D	4a
COSJAF09_A	Mainstem of Mineral Creek, including wetlands, from immediately above the confluence with South Mineral Creek to the confluence with the Animas River.	25.04	C2	E	F	T	X	F	Cu-D, Fe-D, pH, Zn-D	4a
COSJAF10a_A	Mainstem of the Florida River from the boundary of the Weminuche Wilderness Area to the inlet of Lemon Reservoir.	3.30	C1	E	F	F	F	F	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJAF10b_A	Mainstem of the Florida River from the outlet of Lemon Reservoir to the Florida Farmers Canal Headgate.	15.70	C1	E	F	F	F	F	None	1
COSJAF11a_A	Mainstem of the Florida River from the Florida Farmers Canal Headgate to the Southern Ute Indian Reservation boundary.	3.37	C1	E	X	X	X	X	None	3a
COSJAF11b_A	Mainstem of the Florida River from the Southern Ute Indian Reservation boundary to the confluence with the Animas River.	22.33	C1	E	F	F	X	F	None	2
COSJAF12a_A	All tributaries to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for specific listings in Segments 12b, 12c and 15. All tributaries to the Florida River from the source to below the confluence with Mud Spring Creek, except the specific listing in Segment 1.	195.32	C1	E	F	F	F	F	None	1
COSJAF12c_A	Hermosa Creek, including all tributaries, from the source to immediately below the confluence with Long Hollow, except for the East Fork of Hermosa Creek.	122.28	C1	E	X	X	X	X	None	3a
COSJAF12d_A	Mainstem of Junction Creek, including all tributaries, from the source to the U.S. Forest Boundary. Mainstem of Falls Creek, including all tributaries, from the source to the confluence with the Animas River.	31.30	C1	E	F	F	X	F	None	2
COSJAF13a_A	All tributaries to the mainstem of Junction Creek, from US Forest Boundary to confluence with the Animas River	6.66	C2	E	F	F	F	F	None	1
COSJAF13a_B	Junction Creek from US Forest Boundary to confluence with the Animas River	3.79	C2	E	I	F	I	F	None	3b

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJAF13b_A	All tributaries to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 12d, 13a, 14a and 14b; all tributaries to the Florida River, from a point immediately below the confluence with Mud Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 12d.	86.05	C2	E	F	F	F	F	None	1
COSJAF13c_A	All tributaries to the Animas River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for Segment 11b; all tributaries to the Florida River from the Southern Ute Indian Reservation boundary to the confluence with the Animas River.	165.74	C2	E	X	X	X	X	None	3a
COSJAF13d_A	Brice Draw, including all tributaries, from its source to the Southern Ute Indian Reservation Boundary.	1.54	none	E	X	NA	X	NA	None	3a
COSJAF14a_A	Mainstem of Lightner Creek, including all tributaries, from the source to below the confluence with Deep Creek.	7.88	C1	E	X	X	X	X	None	3a
COSJAF14b_A	Mainstem of Lightner Creek from below the confluence with Deep Creek to the confluence with the Animas River.	7.13	C1	E	F	F	X	F	None	2
COSJAF15_A	Mainstem of Purgatory Creek from the source to Cascade Creek; Goulding Creek from the source to Elbert Creek; and Nary Draw from the source to Haviland Lake.	6.17	C2	E	X	X	X	X	None	3a
COSJDO01_A	All tributaries to the Dolores River and West Dolores River, including all wetlands, tributaries, which are within the Lizard Head Wilderness area.	16.83	C1	E	F	F	F	F	None	1
COSJDO02_A	Mainstem of the Dolores River from the source to a point immediately above the confluence with Horse Creek.	13.58	C1	E	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJDO03_A	Mainstem of the Dolores River from a point immediately above the confluence with Horse Creek to a point immediately above the confluence with Bear Creek.	16.02	C1	E	F	F	F	F	None	1
COSJDO04a_A	Mainstem of the Dolores River from a point immediately above the confluence with Bear Creek to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line).	37.36	C1	E	F	F	F	F	None	1
COSJDO05a_A	All tributaries to the Dolores River and West Dolores River, including all wetlands, from the source to a point immediately below the confluence with the West Dolores River except for specific listings in Segments 1 and 5b through 10; mainstem of Beaver Creek (including Plateau Creek) from the source to the confluence with the Dolores River.	314.59	C1	E	F	F	F	F	None	1
COSJDO05b_A	Mainstem of Rio Lado from the source to the confluence with the Dolores River. Mainstem of Spring Creek from the source to the confluence with Stoner Creek.	10.96	C1	E	X	X	X	X	None	3a
COSJDO06_A	Mainstem of the Slate Creek and Coke Oven Creek, from the Lizard Head Wilderness Area boundary to their confluences with the Dolores River.	3.05	C1	E	F	F	F	F	None	1
COSJDO07_A	Mainstem of Coal Creek from the boundary of the Lizard Head Wilderness Area to the confluence with the Dolores River.	2.48	C1	E	F	F	F	F	None	1
COSJDO08_A	Mainstem of Horse Creek from the source to the confluence with the Dolores River.	2.85	C1	E	F	F	F	F	None	1
COSJDO09_A	Mainstem of Silver Creek from a point immediately below the Town of Rico's water supply diversion to the confluence with the Dolores River.	1.70	C2	E	F	T	F	NA	Cd-D, Zn-D	4a
COSJDO10_A	Mainstem of the West Dolores River from the Lizard Head Wilderness Area boundary to the confluence with the Dolores River.	27.47	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJDO11_A	All tributaries to the Dolores River from the confluence of the West Dolores River, to the bridge at Bradfield Ranch, including all wetlands, except for Lost Canyon Creek and its tributaries.	388.20	C2	E	F	F	F	F	None	1
COSJDO11_B	Lost Canyon Creek, along with all tributaries.	105.86	C2	E	F	F	I	F	None	3b
COSJLP01_A	Mainstem of the La Plata River, including all wetlands and tributaries from the source to the Hay Gulch diversion south of Hesperus.	33.28	C1	E	F	N	F	F	Ag-D	5
COSJLP02a_A	Mainstem of the La Plata River from the Hay Gulch diversion south of Hesperus to the boundary of Southern Ute Indian Reservation.	6.32	C1	E	F	F	F	F	None	1
COSJLP02b_A	Mainstem of the La Plata River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border.	21.42	W1	E	F	F	F	F	None	1
COSJLP03a_A	All tributaries to the La Plata River, including all wetlands, from the Hay Gulch diversions south of Hesperus to the Southern Ute Indian Reservation boundary, except for specific listing in Segment 3c.	50.59	W2	N	F	F	F	NA	None	1
COSJLP03b_A	All tributaries to the La Plata River, including all wetlands, from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border.	269.74	W2	N	F	F	X	F	None	2
COSJLP03c_A	Cherry Creek, including all tributaries and wetlands, from the source to the boundary of the Southern Ute Indian Reservation boundary.	48.83	C1	E	F	N	X	F	Fe-Trec	5
COSJLP04a_A	All Tributaries and wetlands to the mainstem of the Mancos River, from the source of West and Middle Forks to the San Juan, except for the East Mancos River and Box Canyon Creek	100.07	C1	E	F	I	F	F	None	3b
COSJLP04a_B	E. Mancos River.	17.09	C1	E	F	N	F	N	DO, Cu-D, Mn-D	5
COSJLP04a_C	Mainstem of Mancos River, to San Juan National Forest Boundary	1.41	C1	E	F	F	F	F	DO	1
COSJLP04a_D	Box Canyon Creek	5.80	C1	E	F	T	F	F	Sediment	4a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJLP04c_A	Mainstem of the Mancos River, including all wetlands, tributaries, from below the San Juan National Forest Boundary to Hwy 160. Chicken Creek, including all tributaries, from its source to the confluence with the Mancos River.	6.18	C1	E	X	X	X	X	None	3a
COSJLP05a_A	Mainstem of the Mancos River from Hwy 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of Weber Canyon from source to confluence with Mancos River.	21.30	W1	E	F	N	F	F	Bugs	5
COSJLP05b_A	Mainstem of the Mancos River from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border.	58.20	W1	E	F	X	X	NA	None	2
COSJLP06a_A	All tributaries to the Mancos River, including all wetlands, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation, except for specific listings in segment 4c, 5a and 6c.	114.00	W2	E	F	N	F	NA	Bugs	5
COSJLP06b_A	All tributaries to the Mancos River, including all wetlands, from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border.	484.36	W2	N	X	X	X	NA	None	3a
COSJLP06c_A	All tributaries to the Mancos River located in Mesa Verde National Park.	98.01	W1	E	X	X	X	NA	None	3a
COSJLP07a_A	Mainstem of Yellow Jacket Creek, including all tributaries and wetlands, from source to the confluence with McElmo Creek	276.35	W1	E	F	F	F	NA	None	1
COSJLP07a_B	McElmo Creek, except for segment 7b	31.73	W1	E	F	N	N	NA	Fe-Trec, *E. coli*	5
COSJLP07b_A	Mainstem of McElmo Creek within the Ute Mountain Indian Reservation.	7.55	W1	E	X	X	X	NA	None	3a
COSJLP08a_A	All tributaries and wetlands to McElmo Creek	261.30	W2	E	F	F	I	F	None	3b
COSJLP08a_B	Mud Creek and all tributaries.	13.10	W2	E	F	N	I	F	Se-D	5
COSJLP08a_C	Hartman Draw and all tributaries.	35.19	W2	E	F	I	I	F	None	3b
COSJLP08a_D	Trail Canyon and it's tributaries	10.27	W2	E	F	N	I	F	Fe-Trec	5
COSJLP08a_E	Ritter Draw and it's tributaries	4.41	W2	E	F	X	F	F	None	2
COSJLP08b_A	All tributaries to McElmo Creek, including all wetlands, within the Ute Mountain Indian Reservation.	59.17	W2	E	X	X	X	NA	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJLP08c_A	Unnamed tributary to Ritter Draw (confluence at 37.40216,-108.54582).	1.35	W2	E	U	X	U	NA	None	3a
COSJLP09_A	Mainstem of the San Juan River in Montezuma County.	3.48	W1	E	X	X	X	NA	None	3a
COSJLP10a_A	All tributaries to the San Juan River in Montezuma Dolores and San Miguel Counties, including all wetlands, except for the specific listings in Segments 2 through 8c and Segments 10b and 11.	411.50	W2	E	X	X	X	NA	None	3a
COSJLP10b_A	All tributaries to the San Juan River in Montezuma County within the Ute Mountain Indian Reservation, including all wetlands, except for the specific listings in Segments 2 through 8c.	168.37	W2	E	X	X	X	NA	None	3a
COSJPI01_A	All tributaries to the Piedra River, including all wetlands, which are within the Weminuche Wilderness Area.	67.99	C1	E	F	F	F	F	None	1
COSJPI02a_A	East Fork Piedra River and Middle Fork Piedra River, including all tributaries and wetlands, from the boundary of the Weminuche Wilderness Area to the confluence with the mainstem of the Piedra River, except for the specific listing in Segment 3.	9.83	C1	E	U	U	U	U	None	3a
COSJPI02b_A	Mainstem of the Piedra River from the confluence with the East and Middle Forks to the confluence with Indian Creek.	16.27	C1	E	F	F	F	F	None	1
COSJPI03_A	Mainstem of the East Fork of the Piedra River from the Piedra Falls Ditch to the confluence with Pagosa Creek.	3.72	C1	E	F	F	F	F	None	1
COSJPI04a_A	Mainstem of the Piedra River from a point immediately below the confluence with Indian Creek to the Southern Ute Indian Reservation boundary.	13.64	C1	E	F	F	F	F	None	1
COSJPI04b_A	Mainstem of the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir.	8.53	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJPI05_A	All tributaries to the Piedra River, including all wetlands, from the boundary of the Weminuche Wilderness Area to the confluence with Devil Creek, except for segments 2a, 3 and Williams Creek.	242.34	C1	E	F	I	F	F	None	3b
COSJPI05_B	Williams Creek.	14.61	C1	E	F	I	F	I	None	3b
COSJPI06a_A	All tributaries to the Piedra River, including all wetlands, from a point immediately below the confluence with Devil Creek to Southern Ute Indian Reservation boundary, except for Stollsteimer Creek above the Souther Ute Boundary.	83.16	W2	P	F	N	F	F	Bugs	5
COSJPI06a_B	Stollsteimer Creek above Southern Ute Boundary.	21.55	W2	P	F	N	I	I	Bugs	5
COSJPI06b_A	All tributaries including wetlands to the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir.	40.57	W2	P	X	X	X	X	None	3a
COSJPN01_A	All tributaries to the Los Pinos River, including all wetlands, which are within the Weminuche Wilderness Area.	161.06	C1	E	F	F	F	F	None	1
COSJPN02a_A	Mainstem of the Los Pinos River from the boundary of the Weminuche Wilderness Area to the boundary of the Southern Ute Indian Reservation except for the specific listing in Segment 3.	30.44	C1	E	F	F	F	F	None	1
COSJPN02b_A	Mainstem of the Los Pinos River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border.	16.98	C1	E	F	F	X	F	None	2
COSJPN04a_A	All tributaries to the Los Pinos River and Vallecito Reservoir, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek (T35N, R7W), except for the specific listing in Segment 5; mainstems of Beaver Creek, Ute Creek, and Spring Creek from their sources to the boundary of the Southern Ute Indian Reservation.	90.18	C1	E	F	F	X	F	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJPN04b_A	Mainstems of Beaver Creek, Ute Creek and Spring Creek from the boundaries of the Southern Ute Indian Reservation to their confluences with the Los Pinos River.	30.13	C1	E	X	X	X	X	None	3a
COSJPN05_A	Mainstem of Vallecito Creek from the boundary of the Weminuche Wilderness Area to Vallecito Reservoir.	3.34	C1	E	F	F	F	F	None	1
COSJPN06a_A	All tributaries to the Los Pinos River, including all wetlands, from a point immediately below the confluence with Bear Creek (T35N, R7W) to the boundary of the Southern Ute Indian Reservation except for specific listings in Segment 4a.	50.34	C2	E	F	F	F	NA	None	1
COSJPN06b_A	All tributaries to the Los Pinos River, including all wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 4b.	78.05	C2	E	X	X	X	NA	None	3a
COSJPN07a_A	Barker Arroyo and all other tributaries to the San Juan River in La Plata County which join the San Juan River below the Colorado/New Mexico border, except for specific listings in Segments 1, 2a, 2b, 4a, 4b, 4c, 5, 6a, 6b and 7b.	10.61	C2	E	X	X	X	NA	None	3a
COSJPN07b_A	All tributaries to the San Juan River in La Plata County within the Southern Ute Indian Reservation except for specific listings in Segments 2b, 4b and 6b.	31.45	C2	E	X	X	X	NA	None	3a
COSJSJ01a_A	Mainstem of the Navajo River including all wetlands and tributaries from the boundary of the South San Juan Wilderness Area to below the confluence with Sheep Creek. Mainstem of the Little Navajo River, including all wetlands and tributaries, from the boundary of the South San Juan Wilderness Area to the San Juan-Chama Diversion.	87.37	C1	E	F	F	X	F	None	2
COSJSJ01b_A	All wetlands and tributaries to the Navajo River, except for specific listings in Segment 3.	31.57	C1	E	F	F	F	F	None	1
COSJSJ01b_B	Mainstem of the Navajo River.	15.33	C1	E	F	F	I	F	None	3b

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJSJ02_A	Mainstem of the Navajo River from the Colorado/New Mexico border to the confluence with the San Juan River.	4.66	C1	E	X	X	X	X	None	3a
COSJSJ03_A	Mainstem of the Little Navajo River from the San JuanChama diversion to the confluence with the Navajo River; all tributaries to the Navajo River and the Little Navajo River, including all wetlands, from the San Juan-Chama diversions to the confluence with the San Juan River.	38.07	W2	N	F	F	I	NA	None	3b
COSJSJ04_A	All tributaries to the San Juan River, Rio Blanco, and Navajo River including all wetlands which are within the Weminuche Wilderness area and South San Juan Wilderness Area.	162.38	C1	E	F	F	F	F	None	1
COSJSJ05_A	Mainstem of the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to below the boundry of the Weminuche Wilderness Area, including all wetlands and tributaries except for wetlands and tributaries included in Segment 4.	139.61	C1	E	F	F	F	F	None	1
COSJSJ05_B	Mainstem of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to below the confluence with Fourmile Creek,	7.29	C1	E	F	I	F	F	None	3b
COSJSJ06a_A	Mainstem of Mill Creek, source to confluence with the San Juan River	12.85	C1	E	F	I	F	F	None	3b
COSJSJ06a_B	Mainstem of the San Juan River, from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation northern boundary.	8.60	C1	E	F	I	F	F	None	3b
COSJSJ06b_A	Mainstem of San Juan River from the Southern Ute Indian Reservation northern boundary to Navajo Reservoir.	33.35	C1	E	F	F	X	F	None	2
COSJSJ07_A	Mainstem of the Rio Blanco, including all tributaries and wetlands, from the boundary of the South San Juan Wilderness Area to below the confluence with Leche Creek.	25.29	C1	E	X	X	X	X	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJSJ09a_A	Mainstem of the Rio Blanco, including all tributaries and wetlands, from a point immediately below the confluence with Leche Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 10.	113.80	C1	E	F	I	X	F	None	3b
COSJSJ09b_A	Mainstem of the Rio Blanco, including all tributaries and wetlands, from the boundary of the Southern Ute Indian Reservation to the confluence with the San Juan River.	2.50	C1	E	X	X	X	X	None	3a
COSJSJ10_A	Mainstem of the Rito Blanco River from Echo Ditch to the confluence with the Rio Blanco River.	9.74	C2	E	F	I	I	F	None	3b
COSJSJ11a_A	All tributaries to the San Juan River, including wetlands, from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 6a, 6b, 9a and 9b.	108.43	W1	E	F	F	F	F	None	1
COSJSJ11b_A	All tributaries to the San Juan River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border except for the specific listings in Segments 6a, 6b, 9a and 9b.	91.90	W1	E	X	X	X	NA	None	3a
COSJSJ12_A	All tributaries to the San Juan River in Archuleta County, including all wetlands, except for specific listings in Segments 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 9a, 9b, 10, 11a, 11b and 12b. This segment includes Coyote Creek from its source to the Colorado/New Mexico border.	41.78	W2	N	F	F	F	NA	None	1
COSPBD01_A	Mainstem of Big Dry Creek, including all tributaries and wetlands, from the source to Weld County road 8, except for specific listing in Segments 4a, 4b, 5 and 6.	43.47	W2	P	F	F	N	NA	*E. coli*	5
COSPBD01_B	Mainstem of Big Dry Creek From Weld County road 8 to the confluence with the South Platte River	3.97	W2	P	F	N	N	NA	*E. coli*, Fe-Trec	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBD04a_A	Mainstem and all tributaries to Woman and Walnut Creeks from sources to Standley Lake and Great Western Reservoir except for specific listings in Segments 4b and 5.	6.36	W2	E	F	F	X	F	None	2
COSPBD04b_A	North and South Walnut Creek and Walnut Creek, from the eastern edge of the Central Operable Unit on Rocky Flats Property to Indiana Street and North Walnut Creek from its source to the western edge of the Central Operable Unit..	1.52	W2	P	F	F	X	F	None	2
COSPBD05_A	North Walnut Creek from the western edge of the Central Operable Unit and South Walnut Creek from its source, including all tributaries, lakes, reservoirs and wetlands, to the eastern boundary of the Central Operable Unit and Pond C-2 on Woman Creek.	3.75	W2	N	F	F	X	F	None	2
COSPBD06_A	Upper Big Dry Creek and South Upper Big Dry Creek, from their source to Standley Lake.	6.51	W2	N	X	X	X	X	None	3a
COSPBE01a_A	Mainstem of Bear Creek from the boundary of the Mt. Evants Wilderness area to Yankee Creek	9.91	C1	E	F	F	F	F	None	1
COSPBE01a_B	Bear Creek below Yankee Creek to the inlet of Evergreen Lake	6.45	C1	E	F	N	X	F	Temp	5
COSPBE01b_A	Mainstem of Bear Creek from Harriman Ditch to the inlet of Bear Creek Reservoir.	1.81	C2	E	F	N	X	F	Temp	5
COSPBE01e_A	Mainstem of Bear Creek from Kerr/Swede Gulch to Mount Vernon Creek	7.38	C1	E	F	N	F	F	Temp	5
COSPBE01e_B	Bear creek from Mount Vernon Creek to the Harriman Ditch	0.54	C1	E	F	N	F	F	Cu-D, Temp	5
COSPBE01e_C	Bear Creek From the outlet of Evergreen Lake to Kerr/Swede Gulch	3.99	C1	E	F	F	F	F	None	1
COSPBE02_A	Bear Creek from the outlet of Evergreen Lake to Kipling Parkway	1.98	W1	E	F	N	F	N	Bugs, As-T	5
COSPBE02_B	Bear Creek from Kipling Parkway to Wadsworth Boulevard	1.82	W1	E	F	N	F	N	As-T, Bugs	5
COSPBE02_C	Bear Creek from Wadsworth Boulevard to Forest Hill Road Bridge.	4.20	W1	E	F	N	N	N	Bugs, As-T, *E. coli*	5
COSPBE03_A	All tributaries to Bear Creek, including all wetlands, from the source to the outlet of Evegreen Lake, except for segment 7	24.68	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBE03_B	Vance Creek and Tribs	17.01	C1	E	F	N	X	F	Temp	5
COSPBE04a_A	All tributaries to Bear Creek, including all wetlands, from the outlet of Evergreen Lake to the confluence with the South Platte River, except for specific listings in Segments 5, 6a, and 6b.	33.73	W2	E	F	F	X	F	None	2
COSPBE05_A	Sawmill, Troublesome, and Cold Springs Gulches, and mainstem of Cub Creek from the source to Bear Creek	23.60	C2	E	F	F	X	F	None	2
COSPBE05_B	Swede/Kerr Gulch.	5.87	C2	E	F	F	F	F	None	1
COSPBE06a_A	Turkey Creek below Parmelee Gulch.	12.71	C2	E	F	F	F	F	None	1
COSPBE06a_B	Turkey Creek system, including all tributaries and wetlands , from the source to the Bear Lake to Parmelee Gulch, except for specific listings in Segment 6b.	9.54	C2	E	F	I	F	F	None	3b
COSPBE06b_A	Mainstem of North Turkey Creek, from the source to the confluence with Turkey Creek.	12.83	C1	E	F	I	F	F	None	3b
COSPBE07_A	Mainstem and all tributaries to Bear Creek, including wetlands, within the Mt. Evans Wilderness Area.	26.46	C1	E	F	F	F	F	None	1
COSPBO01_A	All tributaries to Boulder Creek, including all wetlands, within the Indian Peaks Wilderness Area.	28.28	C1	E	F	F	F	F	None	1
COSPBO02a_A	Mainstem of Middle Boulder Creek below 39.971 -105.4755, including all tributaries and wetlands, from the boundary of the Indian Peaks Wilderness Area to a point immediately below the confluence with North Boulder Creek, except for the specific listings in Segment 3.	24.98	C1	E	F	F	F	N	As-T	5
COSPBO02a_B	North Boulder Creek from Caribou Creek to the confluence with Como Creek	3.53	C1	E	F	N	F	N	As-T, Cu-D	5
COSPBO02a_C	North Boulder Creek to the confluence with Caribou Creek.	4.87	C1	E	F	N	F	N	As-T, Cu-D, Pb-D	5
COSPBO02a_D	Middle Boulder Creek from the outlet at Baker Reservoir to Longitude:-105.475577Â°Latitude: 39.971275Â°	0.64	C1	E	F	N	F	N	As-T, Bugs	5
COSPBO02a_E	Mainstem of North Boulder Creek from Como Creek to the conlfuence of Middle Boulder Creek	6.21	C1	E	F	F	F	N	As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBO02a_F	Como Creek and its tribs from source to North Boulder Creek	5.85	C1	E	F	N	F	N	As-T, Fe-Trec, Fe-D	5
COSPBO02b_A	Mainstem of Boulder Creek, including all tributaries and wetlands, from the a point immediately below the confluence with North Boulder Creek to a point immediately above the confluence with South Boulder Creek.	54.92	C1	E	F	F	T	N	As-T, *E. coli*	5
COSPBO03_A	Tributaries and wetlands to Middle Boulder Creek, from the source to the outlet of Barker Reservoir, except for specific listings in Segment 1.	12.76	C1	E	F	F	F	N	As-T	5
COSPBO03_B	Mainstem of the Middle Boulder Creek, from the source to the outlet of Barker Reservoir, except for specific listings in Segment 1.	6.06	C1	E	F	N	F	N	As-T, Bugs	5
COSPBO04a_A	Mainstem of South Boulder Creek, including all tributaries and wetlands, from the source to the outlet of Gross Reservoir except for specific listings in Segment 1 and Gamble Gulch	72.04	C1	E	F	N	F	F	Cu-D	5
COSPBO04a_B	Gamble Gulch	3.72	C1	E	F	T	F	F	Cd-D, Cu-D, pH, Zn-D	4a
COSPBO04b_B	Mainstem of South Boulder Creek, including all tributaries and wetlands, from the outlet of Gross Reservoir to South Boulder Road, except for specific listings in Segments 4c and 4d.	28.50	C1	E	F	N	F	N	Cu-D, As-T	5
COSPBO04c_A	Mainstem of Cowdrey Drainage from the source below Cowdrey Reservoir #2 to the Davidson Ditch.	1.01	W2	E	X	X	X	X	None	3a
COSPBO04d_A	Mainstem of Cowdrey Drainage from immediately downstream of the Davidson Ditch to the confluence with South Boulder Creek.	1.05	W2	E	X	X	X	X	None	3a
COSPBO05_A	Mainstem of South Boulder Creek from South Boulder Road to the confluence with Boulder Creek.	3.36	W1	E	F	F	F	F	None	1
COSPBO06_A	Mainstem of Coal Creek, including all tributaries and wetlands, from the source to Highway 93.	15.91	C2	E	F	F	F	F	None	1
COSPBO07a_A	Mainstem of Coal Creek from Highway 93 to Highway 36 (Boulder Turnpike).	5.56	W1	E	F	N	F	F	Bugs	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBO07b_A	Mainstem of Coal Creek from Highway 36 to the confluence with Rock Creek.	6.73	W2	E	F	I	N	F	*E. coli*	5
COSPBO07b_B	Mainstem of Coal Creek from Rock Creek to Boulder Creek	9.90	W2	E	F	N	N	F	*E. coli*, Se-D	5
COSPBO08_A	All tributaries to South Boulder Creek, including all wetlands from South Boulder Road to the confluence with Boulder Creek and all tributaries to Coal Creek, including all wetlands from Highway 93 to the confluence with Boulder Creek.	9.04	W2	E	F	F	F	NA	None	1
COSPBO08_B	Rock Creek.	13.99	W2	E	F	N	I	NA	Se-D	5
COSPBO09_A	Mainstem of Boulder Creek from a point immediately above the confluence with South Boulder Creek to 107th Street	8.13	W1	E	F	T	N	N	*E. coli*, As-T, NH3	5
COSPBO09_B	Mainstem of Boulder Creek from 107th Street to Coal Creek	3.24	W1	E	F	N	N	N	Bugs, *E. coli*, As-T, NH3	5
COSPBO10_A	Mainstem of Boulder Creek from the confluence with Coal Creek to the confluence with St. Vrain Creek.	6.78	W1	E	F	N	N	N	pH, *E. coli*, As-T, NH3	5
COSPBO11_A	All tributaries to Boulder Creek, including all wetlands from a point immediately above the confluence with South Boulder Creek to the confluence with St. Vrain Creek, except for specific listings in Segments 5, 7a and 7b.	40.28	W2	E	F	F	F	F	None	1
COSPBT01_A	Mainstem of the Big Thompson River, including all tributaries and wetlands, within Rocky Mountain National Park, except for specific listings in Segment 2.	150.54	C1	E	F	N	F	N	Cu-D, As-T	5
COSPBT02_A	Mainstem of the Big Thompson River, including all tributaries and wetlands from UTSD discharge to Ceder Creek, except for the specific listing in Segment 7; mainstem of Black Canyon Creek and Glacier Cree; excluding Fish Creek below Mary's Lake	95.68	C1	E	F	N	F	N	Bugs, As-T	5
COSPBT02_B	Fish Creek below Marys Lake	3.41	C1	E	F	N	X	N	Bugs, As-T, pH	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBT02_C	Mainstem of the Big Thompson River, including all tributaries and wetlands, from RMNP to USTD discharge.	29.86	C1	E	F	N	X	N	Bugs, As-T	5
COSPBT02_D	Mainstem of the Big Thompson River, including all tributaries and wetlands, from Ceder Creek to Home Supply Canal	9.52	C1	E	F	N	X	N	Bugs, As-T, Temp	5
COSPBT03_A	Mainstem of the Big Thompson River from the Home Supply Canal diversion to the Big Barnes Ditch diversion.	5.45	C2	E	F	N	X	N	Cu-D, As-T	5
COSPBT04a_A	Mainstem of the Big Thompson from the Big Barnes Ditch diversion to the Greeley-Loveland Canal diversion.	2.18	C1	E	F	N	X	F	Se-D	5
COSPBT04b_A	Mainstem of the Big Thompson from the Greeley-Loveland Canal diversion to County Road 11H.	4.13	W1	E	F	N	N	F	Se-D	5
COSPBT04c_A	Mainstem of the Big Thompson from County Road 11H to I-25.	4.07	W2	E	F	F	F	NA	None	1
COSPBT05_A	Mainstem of The Big Thompson River from I-25 to the confluence with the South Platte River.	18.94	W2	N	F	N	I	NA	Se-D	5
COSPBT06_A	All tributaries to the Big Thompson River, including all wetlands, from the Home Supply Canal diversion to the confluence with the South Platte River; excluding Dry Creek	185.61	W2	E	F	N	N	NA	Cu-D	5
COSPBT06_B	Dry Creek and tributaries	28.14	W2	E	F	F	N	NA	Cu-D	5
COSPBT07_A	Mainstem of Buckhorn Creek from the source to the confluence with the Big Thompson River.	31.65	C1	E	F	F	X	N	As-T	5
COSPBT07_B	Mainstem of the North Fork of the Big Thompson River from the boundary of Rocky Mountain National Park to the confluence with the Big Thompson River	14.05	C1	E	F	N	X	N	As-T, Cu-D	5
COSPBT08_A	Mainstem of the Little Thompson River, including all tributaries and wetlands, from the source to the Culver Ditch diversion.	83.61	C1	E	F	I	N	N	As-T	5
COSPBT08_B	Mainstem of the Little Thompson River, including all tributaries and wetlands,from source to St. Vrain Supply Canal	15.18	C1	E	F	I	N	N	As-T, SO4	5
COSPBT09_A	Mainstem of the Little Thompson River from the Culver Ditch diversion to the confluence with the Big Thompson River.	24.24	W2	E	F	N	N	F	Bugs, Se-D, *E. coli*	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBT10_A	All tributaries to the Little Thompson River, including all wetlands, from the Culver Ditch diversion to the confluence with the Big Thompson River; excluding Big Hollow Creek	22.44	W2	E	F	I	X	NA	None	3b
COSPBT10_B	Big Hollow Creek from source to Little Thompson	4.68	W2	E	F	F	X	NA	None	2
COSPCH01_A	Mainstem of Cherry Creek from the source of East and West Cherry Creek to the inlet of Cherry Creek Reservoir.	33.67	W2	E	F	F	F	I	None	3b
COSPCH03_A	Mainstem of Cherry Creek from the outlet of Cherry Creek Reservoir to Holly street.	5.23	W2	E	F	F	N	F	*E. coli*	5
COSPCH03_B	Mainstem of Cherry Creek from Holly street to the confluence with the South Platte River.	6.64	W2	E	F	F	N	F	*E. coli*	5
COSPCH04a_A	All tributaries to Cherry Creek, including all wetlands, from the source of East and West Cherry Creeks to the confluence with the South Platte River except for specific listings in Segment 4b; excluding Goldsmith Gulch and McMurdo Gulch	279.16	W2	E	F	F	F	F	None	1
COSPCH04a_B	Goldsmith Gulch	7.30	W2	E	F	N	N	F	Se-D, *E. coli*	5
COSPCH04a_C	McMurdo Gulch	5.43	W2	E	F	N	X	F	DO	5
COSPCH04b_A	Cottonwood Creek, including all tributaries and wetlands, from the source to Cherry Creek Reservoir; excluding Upper Windmill Creek	19.26	W2	E	F	F	X	NA	None	2
COSPCH04b_B	Upper Windmill Creek	5.42	W2	E	X	N	X	X	Se-D	5
COSPCL01_A	Mainstem of Clear Creek, including all tributaries and wetlands, from the source to the I-70 bridge above Silver Plume, except for Kearney Gulch and Grizzly Gulch	24.18	C1	E	F	F	X	F	None	2
COSPCL01_B	Kearney Gulch, Grizzly Gulch	5.11	C1	E	F	I	X	F	None	3b
COSPCL02a_A	Mainstem of Clear Creek, including all tributaries and wetlands, from the I-70 bridge above Silver Plume to a point just above the confluence with West Fork Clear Creek,except for specific listings in Segments 3a and 3b.	6.19	C1	E	F	N	F	F	Cd-D, Cu-D, Pb-D, Zn-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCL02b_A	Mainstem of Clear Creek, including all tributaries and wetlands, from the confluence with West Fork Clear Creek to a point just below the confluence with Mill Creek, except for specific listings in Segments 4 through 8.	13.07	C1	E	F	N	X	F	Zn-D, Cu-D, Pb-D	5
COSPCL02c_A	Mainstem of Clear Creek, including all tributaries and wetlands, from the confluence with West Fork Clear Creek to a point just below the confluence with Mill Creek, except for specific listings in Segments 4 through 8, and Turkey Gulch below Rockford.	24.17	C1	E	F	N	X	F	Cd-D, Cu-D, Pb-D, Zn-D	5
COSPCL02c_B	Turkey Gulch below Rockford Tunnel	0.24	C1	E	N	N	X	N	Cd-D, Cu-D, Mn-D, Ni-D, Fe-Trec, Zn-D, Fe-D	5
COSPCL03a_A	Mainstem of South Clear Creek, including all tributaries and wetlands, from the source to Lower Cabin Creek Reservoir, except for the specific listings in Segments 3b and 19.	5.92	C1	E	F	T	F	F	Zn-D	4a
COSPCL03a_B	Mainstem of South Clear Creek, including all tributaries and wetlands, from a point just above Clear Lake to confluence with Clear Creek	3.07	C1	E	F	N	F	F	Cu-D, Zn-D, Bugs	5
COSPCL03a_C	Mainstem of South Clear Creek, including all tributaries and wetlands, from Lower Cabin Creek Reservoir to Clear Lake, except for the specific listings in Segments 3b and 19.	0.40	C1	E	F	T	F	F	Zn-D, Bugs	4a
COSPCL03b_A	Mainstem of Leavenworth Creek from source to confluence with South Clear Creek.	6.40	C2	E	F	N	X	I	Cu-D, Pb-D, Zn-D	5
COSPCL04_A	Mainstem of West Clear Creek from the source to the confluence with Woods Creek.	4.17	C1	E	F	I	X	F	None	3b
COSPCL05_A	Mainstem of West Clear Creek from the confluence with Woods Creek to the confluence with Clear Creek.	1.99	C1	E	F	F	X	F	None	2
COSPCL05_B	West Fork of Clear Creek from Hoop Creek to the confluence with Clear Creek	7.24	C1	E	F	N	F	F	Cu-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCL06_A	All tributaries to West Clear Creek, including all wetlands, from the source to the confluence with Clear Creek, except for specific listings in Segments 7 and 8; except for Mad Creek, Hoop Creek, and North Empire Creek	18.26	C1	E	F	F	F	F	None	1
COSPCL06_B	Mad Creek	3.42	C1	E	F	N	F	F	Cu-D	5
COSPCL06_C	North Empire Creek	1.16	C1	E	F	N	F	I	Cu-D	5
COSPCL06_D	Hoop Creek	1.71	C1	E	F	F	F	F	None	1
COSPCL07a_A	Mainstem of Woods Creek from the outlet of Upper Urad Reservoir to the confluence with West Fork Clear Creek, including Lower Urad Reservoir.	2.14	C2	N	NA	X	X	NA	None	3a
COSPCL08_A	Mainstem of Lion Creek from the source to the confluence with West Clear Creek.	1.91	C2	E	NA	F	F	NA	None	1
COSPCL09a_A	Tributaries and wetlands of Fall River from the source to the confluence with Clear Creek, except for Silver Creek	7.48	C1	E	F	F	X	F	None	2
COSPCL09a_B	Silver Creek	2.18	C1	E	F	N	X	F	Cu-D, Pb-D	5
COSPCL09a_C	Mainstem of Fall River from the source to the confluence with Clear Creek	10.41	C1	E	F	T	F	F	Cu-D	4a
COSPCL09b_A	Mainstem of Trail Creek, including all tributaries and wetlands from the source to the confluence with Clear Creek.	4.00	C1	E	F	N	F	I	Cd-D, pH, Cu-D, Pb-D, Zn-D	5
COSPCL10_A	Mainstem of Chicago Creek, including all tributaries and wetlands, from the source to the confluence with Clear Creek, except for specific listings in Segment 19.	27.19	C1	E	F	N	X	F	Cu-D	5
COSPCL11_A	Mainstem of Clear Creek from a point just above the Argo Tunnel discharge to the Farmers Highline Canal diversion in Golden, Colorado.	21.03	C1	E	F	N	F	F	Cd-D, Temp, Pb-D, Zn-D	5
COSPCL12a_A	All tributaries, excluding Gilson Gulch, to Clear Creek, including all wetlands, from the Argo Tunnel discharge to the Farmers Highline Canal diversion in Golden, Colorado, except for specific listings in Segments 12b, 13a and 13b;	53.79	C2	E	F	N	F	I	Cd-D, Cu-D, Zn-D	5
COSPCL12a_B	Gilson Gulch and its tribs	2.06	C2	E	F	N	F	I	Cu-D, Cd-D, Ni-D, Pb-D,	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
									Se-D, Zn-D	
COSPCL12b_A	Beaver Brook from the source to Highway 40.	8.43	C2	E	F	F	F	F	None	1
COSPCL13a_A	Mainstem of North Clear Creek, including all tributaries and wetlands, from its source to its confluence with Chase Gulch. and Four Mile Gulch, including all tributaries and wetlands, from their sources to their confluence with North Clear Creek and Eureka Gulch, including all tributaries and wetlands, from its source to its confluence with Gregory Gulch.	31.01	C1	E	F	F	X	F	None	2
COSPCL13b_A	all tributaries and wetlands to North Clear Creek from a point just below the confluence with Chase Gulch to the confluence with Clear Creek, except for the specific listings in Segment 13a.	18.20	C2	E	F	T	F	NA	Cd-D, Fe-D, Mn-D, Zn-D	4a
COSPCL13b_B	Mainstem of N. Clear Creek from a point just below the confluence with Chase Gulch to the confluence with Clear Creek, except for the specific listings in Segment 13a.	7.52	C2	E	F	N	F	NA	Cd-D, Temp, Fe-D, Mn-D, Zn-D	5
COSPCL14a_A	Mainstem of Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to Croke Canal Diversion, and from McIntyre St. to the Denver Water conduit #16 crossing.	1.80	W2	N	F	N	F	F	Temp	5
COSPCL14a_B	Mainstem of Clear Creek from Croke Canal Diversion to McIntyre Street.	1.98	W2	N	F	N	F	F	Temp, Bugs	5
COSPCL14b_A	Mainstem of Clear Creek from the Denver Water conduit #16 crossing to a point just below Youngfield Street in Wheat Ridge, Colorado.	0.52	W2	E	F	N	F	I	Sediment	5
COSPCL15_A	Mainstem of Clear Creek from Youngfield Street in Wheat Ridge, Colorado, to the confluence with the South Platte River.	12.11	W1	E	F	N	N	F	NH3, Sediment, Temp, *E. coli*	5
COSPCL16a_A	Mainstem of Lena Gulch including all tributaries and wetlands from its source to the inlet of Maple Grove Reservoir.	6.73	W2	E	F	F	X	I	None	3b

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCL16b_A	All tributaries to Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to the confluence with the South Platte River, except for specific listings in Segments 16a, 17a, 17b, 18a and 18b.	2.85	W2	E	X	X	X	NA	None	3a
COSPCL17b_A	Mainstem of Ralston Creek, including all tributaries and wetlands, from the source to the inlet of Arvada Reservoir.	39.07	C2	E	F	I	I	F	None	3b
COSPCL18a_A	Mainstem of Ralston Creek, including all tributaries and wetlands, from the outlet of Arvada Reservoir to the confluence with Clear Creek.	9.92	W2	E	F	F	N	F	*E. coli*	5
COSPCL18b_A	Mainstem of Leyden Creek and Van Bibber Creek from their source to their confluence with Ralston Creek. Mainstem of Little Dry Creek from its source to its confluence with Clear Creek.	33.27	W2	E	F	F	F	F	None	1
COSPCL19_A	All tributaries to Clear Creek, including wetlands, within the Mt. Evans Wilderness Area.	5.96	C1	E	F	F	F	F	None	1
COSPCP01_A	Mainstem of the Cache La Poudre River, and all tributaries and wetlands, within Rocky Mountain National Park and the Rawah, Neota, Comanche Peak, and Cache La Poudre Wilderness Areas.	195.25	C1	E	F	F	F	F	None	1
COSPCP02a_A	Mainstem of the Cache La Poudre River, including all tributaries and wetlands from the boundaries of Rocky Mountain National Park, and the Rawah, Neota, Comanche Peak, and Cache La Poudre Wilderness Areas to a point immediately below the confluence with the South Fork Cache La Poudre River.	213.99	C1	E	F	N	X	N	Bugs, As-T	5
COSPCP02b_A	Mainstem of the Cache La Poudre River, including all tributaries and wetlands, from a point immediately below the confluence with the South Fork Cache La Poudre River to the Monroe Gravity Canal/North Poudre Supply canal diversion.	139.72	C1	E	F	F	X	F	None	2
COSPCP06_A	Mainstem of the North Fork of the Cache La Poudre River, including all tributaries and wetlands, from the source to the inlet of Halligan Reservoir.	316.16	C1	E	F	F	X	N	As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCP07_A	Mainstem of the North Fork of the Cache La Poudre River from the inlet of Halligan Reservoir to the confluence with the Cache La Poudre River.	21.90	C1	E	F	N	F	N	Cd-D, Pb-D, Mn-D, Sediment	5
COSPCP08_A	All tributaries to the North Fork of the Cache La Poudre River, including all wetlands from, the inlet of Halligan Reservoir to the confluence with the Cache La Poudre River, except for specific listings in Segment 9.	318.01	C2	E	F	F	I	F	None	3b
COSPCP09_A	Mainstem of Rabbit Creek and Lone Pine Creek from the source to the confluence with the North Fork of the Cache La Poudre River.	31.59	C1	E	F	I	X	N	As-T	5
COSPCP10a_A	Mainstem of the Cache La Poudre River from the Monroe Gravity Canal/North Poudre Supply Canal diversion to Shields Street in Ft. Collins, Colorado.	8.42	C2	E	F	N	F	N	Temp, As-T	5
COSPCP10b_A	Mainstem of the Cache La Poudre River from a point immediately above the Larimer County Ditch diversion (40.657, -105.185) to Shields Street in Ft. Collins, Colorado.	7.37	C1	E	F	F	X	N	As-T	5
COSPCP11_A	Mainstem of the Cache La Poudre River from Shields Street in Ft. Collins to a point immediately above the confluence with Boxelder Creek.	8.05	W1	E	F	F	N	NA	*E. coli*	5
COSPCP12_A	Mainstem of the Cache La Poudre River from a point immediately above the confluence with Boxelder Creek to the confluence with the South Platte River.	38.19	W1	E	F	I	N	NA	*E. coli*	5
COSPCP13a_A	All tributaries to the Cache La Poudre River, including all wetlands, from the Munroe Gravity Canal/North Poudre Supply canal diversion to the confluence with the South Platte River, except for specific listings in Segments 6, 7, 8, 13b, 13c, and Dry Creek.	650.97	W2	E	F	F	X	F	None	2
COSPCP13a_B	Dry Creek and all tributaries.	46.60	W2	E	F	F	X	N	Mn-D, SO4	5
COSPCP13a_C	Spring Creek and Fossil Creek.	38.60	W2	E	F	F	N	F	*E. coli*	5
COSPCP13b_A	Mainstem of Boxelder Creek from its source to the confluence with the Cache La Poudre River.	43.02	W2	N	F	N	N	NA	Se-D, *E. coli*	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCP13c_A	Mainstems of South Branch of Boxelder Creek, North Branch of Boxelder Creek and Sand Creek from their sources to their confluences with the mainstem of Boxelder Creek.	18.34	C2	E	X	X	X	X	None	3a
COSPLA01_A	All tributaries to the Laramie River, including all wetlands, which are within the Rawah Wilderness Area.	126.27	C1	E	F	F	F	F	None	1
COSPLA02a_A	Mainstem of the Laramie River from the source to the National Forest boundary, and all tributaries and wetlands, from the source to the Colorado/Wyoming border, except for specific listings in Segment 1.	368.08	C1	E	F	F	U	I	None	3b
COSPLA02b_A	Mainstem of the Laramie River from the National Forest boundary to the Colorado/Wyoming border.	21.76	C1	E	F	N	U	I	Cu-D	5
COSPLS01_A	Mainstem of the South Platte River from the Weld/Morgan County line to the Colorado/Nebraska border.	305.67	W2	E	F	N	F	N	Se-D, Mn-D, U-T	5
COSPLS02a_A	All tributaries to the South Platte River, including all wetlands, from the Weld/Morgan County line to the Colorado/Nebraska border, except for the specific listings in Segment 2b.	5195.71	W2	P	F	F	X	F	None	2
COSPLS02b_A	All tribs to the S. P. River, including all wetlands, N. of the S. P. River and blw 4,500 ft in Morgan Co, N. of the S. P. River in Washington Co, N. of the S. P. River and blw 4,200 ft in Logan Co, N. of the S. P. River and blw 3,700 ft in Sedgwick Co, aâ£¤á„¤áƒ…áž^â£¤Âº	637.18	W2	E	F	F	X	NA	None	2
COSPLS02b_B	Beaver Creek from the source to South Platte River, except for the portion of Beaver Creek from its source to the Fort Morgan Canal.	15.92	W2	E	F	N	N	NA	Se-D, *E. coli*	5
COSPLS02b_C	Kiowa Creek and tributaries from the source to South Platte River	115.17	W2	E	F	N	X	NA	Bugs	5
COSPMS01a_A	Mainstem of the South Platte River from a point immediately below the confluence with Big Dry Creek to the confluence with St. Vrain Creek.	18.93	W2	E	F	B	N	I	*E. coli*, NO3	5
COSPMS01b_A	Mainstem of the South Platte River from a point immediately below the confluence with St. Vrain Creek to the Weld/Morgan County Line.	51.55	W2	E	F	F	N	N	*E. coli*, As-T, Mn-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPMS03a_A	All tributaries to the South Platte River, including all wetlands, from a point immediately below the confluence with Big Dry Creek to the Weld/Morgan County line, except for specific listings in the subbasins of the South Platte River, and in Segments 3b, 5a, 5b, 5c, and 6.	1476.28	W2	E	F	F	X	F	None	2
COSPMS03b_A	Hayesmount Tributaries including the Upper Hayesmount Tributary from the source to the confluence with Box Elder Creek and the Lower Hayesmount Tributaries from the source to the Denver Hudson Canal.	26.78	W2	E	X	X	X	NA	None	3a
COSPMS05a_A	Mainstem of Lone Tree Creek from the source to the confluence with the South Platte River.	61.68	W2	N	F	F	X	F	None	2
COSPMS05b_A	Mainstem of Boxelder Creek from the confluence with Coyote Run to the Denver Hudson Canal.	14.62	W2	N	X	X	X	NA	None	3a
COSPMS05c_A	Mainstems of Crow Creek and Box Elder Creek from their sources to their confluences with the South Platte River, except for specific listings in Segment 5b.	138.92	W2	N	F	F	X	NA	None	2
COSPMS06_A	Lost Creek from Interstate 76 south, including all its tributaries, stock ponds and wetlands.	39.72	W2	N	X	X	X	NA	None	3a
COSPRE01_A	Mainstem of the South Fork of the Republican River from a point 10 miles above Bonny Reservoir to the Colorado-Kansas border.	20.29	W1	E	F	F	X	N	As-T, Pb-D	5
COSPRE03_A	Mainstem of the North Fork of the Republican River from the source to the Colorado/Nebraska border and the mainstem of Chief Creek.	45.90	C1	E	F	F	F	F	None	1
COSPRE04_A	Mainstem of the Arikaree River from the confluence of the North and South Forks to the Colorado/Kansas border.	87.60	W1	E	F	F	F	NA	None	1
COSPRE05_A	Mainstem of the Black Wolf Creek from the source to the confluence with the Arikaree River.	17.39	W1	E	F	I	I	F	None	3b
COSPRE06_A	All tributaries to the Republican River system in Colorado, including all wetlands, except for specific listings in Segments 1, 3, 4 and 5.	4734.14	W2	P	F	F	X	NA	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPRE07_A	Mainstem of the North Fork of the Smoky Hill River and mainstem of the Smoky Hill River, including all tributaries and wetlands, from the source to the Colorado/Kansas border.	726.49	W2	N	X	X	X	NA	None	3a
COSPSV01_A	All tributaries to St. Vrain Creek, including all wetlands, which are within the Indian Peaks Wilderness Area and Rocky Mountain National Park.	52.47	C1	E	F	F	F	F	None	1
COSPSV02a_A	Mainstem of St. Vrain Creek, including all tributaries and wetlands, from the boundary of the Indian Peaks Wilderness Area and Rocky Mountain National Park to the eastern boundary of Roosevelt National Forest.	99.49	C1	E	F	F	F	F	None	1
COSPSV02b_A	Mainstem of St. Vrain Creek, including all tributaries and wetlands, from the eastern boundary of Roosevelt National Forest to Hygiene Road. Except part of South saint Vrain	35.89	C1	E	F	N	X	N	Temp, As-T	5
COSPSV02b_B	South Saint Vrain Creek from just below its confluence with Red Hill Gulch to its confluence with North Saint Vrain Creek.	0.98	C1	E	F	N	F	N	Temp, As-T, Cu-D	5
COSPSV03_A	Mainstem of St. Vrain Creek from Hygiene Road to Hover Road and from Boulder Creek to the confluence with the South Platte River.	19.69	W1	E	F	T	N	NA	*E. coli*, NH3	5
COSPSV03_B	Mainstem of St. Vrain Creek from the confluence with Left Hand Creek to the confluence with Boulder Creek	4.84	W1	E	F	T	N	NA	*E. coli*, NH3	5
COSPSV03_C	Mainstem of St. Vrain Creek from Hover Road to Left Hand Creek	2.75	W1	E	F	T	N	NA	*E. coli*, NH3	5
COSPSV04a_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from the source to Hwy 72, except for specific listings in Segment 4b.	3.53	C1	E	F	T	F	F	Cd-D, pH, Zn-D	4a
COSPSV04a_B	Mainstem of Left Hand Creek, including all tributaries and wetlands from Hwy 72 to James Creek	17.99	C1	E	F	T	F	I	Cd-D, Cu-D, pH, Zn-D	4a
COSPSV04b_A	Mainstem of James Creek, including all tributaries and wetlands, from the source to the confluence with Left Hand Creek, excluding Little James Creek	15.80	C1	E	F	T	F	F	Cd-D, Cu-D, Pb-D, Zn-D	4a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPSV04b_B	Little James Creek	2.85	C1	E	F	T	F	F	Cd-D, Fe-D, Mn-D, pH, Zn-D, Cu-D, Pb-D	4a
COSPSV04c_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from a point immediately below the confluence with James Creek to Highway 36.	21.06	C1	E	F	T	F	F	Cu-D	4a
COSPSV05_A	Mainstem of Left Hand Creek, including all tributaries and wetlands from a point above the Lefthand Feeder Canal to the confluence with St. Vrain Creek.	8.96	W2	E	F	N	F	F	Cu-D	5
COSPSV05_B	Mainstem of Left Hand Creek, including all tributaries and wetlands from Highway 36 to a point above the Lefthand Feeder Canal	3.81	W2	E	F	N	F	N	Cu-D, pH, Mn-D	5
COSPSV06_A	All tributaries to St. Vrain Creek, including wetlands from Hygiene Road to the confluence with the South Platte River, except for specific listings in the Boulder Creek subbasin and in Segments 4a, 4b, 4c and 5; excluding Dry Creek	58.64	W2	E	F	F	X	N	Mn-D	5
COSPSV06_B	Dry Creek and tributaries	10.61	W2	E	F	N	X	N	*E. coli*, Se-D, Mn-D	5
COSPUS01a_A	Mainstem of the South Platte River from the source of the South and Middle Forks to the Elevenmile Reservoir and from the Idlewilde picnic area to the inlet of Cheesman Reservoir; except for the middle Fork South Platte River	40.65	C1	E	F	N	F	F	Bugs, Sediment	5
COSPUS01a_B	Middle Fork South Platte River	45.19	C1	E	F	I	F	F	None	3b
COSPUS01a_C	South Platte River from the outlet of Elevenmile Reservoir to the Idlewilde picnic area	0.87	C1	E	F	I	F	F	None	3b
COSPUS01a_D	South Fork of the South Platte from Antero Resrevoir to the confluence with the Middle Fork of the South Platte. Was Listed incorrectly in Reg 93 as COSPUS02a.	13.20	C1	E	F	I	X	F	None	3b
COSPUS01a_E	South Platt River from Idlewilde picnic area to Cheesmen Reservoir	24.95	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS01b_A	All tributaries to the South Platte River, including wetlands within the Lost Creek and Mt. Evans Wilderness Areas., except for Trail Creek	135.47	C1	E	F	F	F	F	None	1
COSPUS01b_B	Trail Creek	1.11	C1	E	F	I	F	F	None	3b
COSPUS01b_C	Hawkins Gulch	3.52	C1	E	F	I	F	F	None	3b
COSPUS02a_A	All tributaries to the South Platte River system, including all wetlands from the headwaters of the South and Middle Forks to a point immediately below the confluence with Tarryall Creek except for specific listings in Segment 1b, 2b and 2c, excluding Twiâ£¤á„¤áƒ…ážˆâ£¤Âº	1171.66	C1	E	F	F	F	F	None	1
COSPUS02a_B	Twin Creek, on USFS Land	6.55	C1	E	F	I	F	F	None	3b
COSPUS02a_C	All tributaries to South Fork of S. Platte above Antero Reservoir	76.09	C1	E	F	I	F	F	None	3b
COSPUS02a_D	Salt Creek d/s of N. Fork, on USFS Land	16.50	C1	E	F	F	F	F	None	1
COSPUS02b_A	Mainstem of Mosquito Creek from the confluence with South Mosquito Creek to its confluence with the Middle Fork of the South Platte River.	4.99	C1	E	F	N	F	F	Cd-D, Pb-D, Zn-D	5
COSPUS02c_A	No Name Creek from the source to the confluence with South Mosquito Creek.	1.93	C1	E	F	F	F	F	None	1
COSPUS02c_B	South Mosquito Creek from the source to confluence with Mosquito Creek	2.42	C1	E	F	N	X	N	Cd-D, As-T, Fe-D, Mn-D, Zn-D	5
COSPUS03_A	All tribs to the South Platte River, including all wetlands from Tarryall Creek to North Fork of the South Platte River, except for Trout Creek on USFS lands, Pine Creek, Fourmile Creek, Horse Creek, West Creek, Wigwam Creek, Goose Creek, Sugar Creek, Hawkins Gulch, and specific listings in Segment 1b	216.11	C1	E	F	F	F	F	None	1
COSPUS03_B	Trout Creek and tributaries on USFS property	17.07	C1	E	F	N	X	N	DO, pH, Mn-D	5
COSPUS03_C	Pine Creek	12.13	C1	E	F	N	X	N	Bugs, As-T	5
COSPUS03_D	Fourmile Creek	9.54	C1	E	F	N	X	N	Bugs, Fe-Trec, Hg-D, As-T	5
COSPUS03_E	Horse Creek and its tribs	10.61	C1	E	F	N	F	F	Bugs	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS03_F	West Creek	65.41	C1	E	F	N	F	F	Bugs	5
COSPUS03_G	Wigwam Creeks	16.67	C1	E	F	I	X	F	None	3b
COSPUS03_H	Goose Creek	12.21	C1	E	F	N	F	F	Temp	5
COSPUS03_I	Sugar Creek	10.49	C1	E	F	F	F	F	None	1
COSPUS04_A	Mainstem of the North Fork of the South Platte River, including all tributaries and wetlands from the source to the confluence with the South Platte River, except for specific listings in Segments 1b, 5a, 5b, and 5c. Excludes Hall Valley area to Geneva Crâ£¤á„¤áƒ…ážˆâ£¤Âº	274.27	C1	E	F	F	F	F	None	1
COSPUS04_B	Mainstem of the North Fork of the South Platte River, including all tributaries and wetlands in Hall Valley area to Geneva Ck	7.60	C1	E	F	N	F	F	pH, Cu-D	5
COSPUS05a_A	Mainstem of Geneva Creek from the source to the confluence with Scott Gomer Creek.	9.06	C1	E	F	T	F	NA	Cd-D, Cu-D, Mn-D, Zn-D	4a
COSPUS05b_A	All tributaries of Geneva Creek including wetlands from source to confluence with the North Fork of the South Platte River. Excludes Geneva Creek.	23.82	C1	E	F	T	F	F	Cu-D, Zn-D	4a
COSPUS05b_B	Mainstem of Geneva Creek from the confluence with Scott Gomer Creek to the confluence with the North Fork of the South Platte River;	4.26	C1	E	F	N	F	N	pH, Mn-D, Zn-D	5
COSPUS05c_A	Mainstem of Gooseberry Gulch and all tributaries from source to Sunset Trail.	2.38	C2	U	F	N	X	F	NH3	5
COSPUS05c_B	Unnammed Trib to Gooseberry Creek	1.33	C2	U	X	X	X	X	None	3a
COSPUS05d_A	Mainstem of Gooseberry Gulch and all tributaries from Sunset Trail to confluence with Elk Creek.	0.69	C2	U	F	F	F	F	None	1
COSPUS06a_A	Mainstem of the South Platte River from the Lazy Gulch to the inlet of Chatfield Reservoir.	26.10	C1	E	F	F	F	F	None	1
COSPUS06a_B	South Platte River from outlet of Cheesman Reservoir to Lazy Gulch	5.75	C1	E	F	N	X	F	Bugs	5
COSPUS07_A	All tributaries to the South Platte River, including all wetlands from a point immediately below the confluence with the North Fork of the South Platte River to the outlet of Chatfield Reservoir except for specific listings in Segments 8, 9, 10, 11, 12, and 13. Except Willow Creek	99.43	C2	E	F	F	X	NA	None	2
COSPUS07_B	Willow Creek and its Tribs	3.01	C2	E	F	I	F	F	None	3b

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS08_A	Mainstems of East and West Plum Creek from the source to the boundary of National Forest lands, including all tributaries and wetlands within the Plum Creek drainage which are on National Forest Lands, except for the specific listing in Segment 9.	54.47	C1	E	X	X	X	X	None	3a
COSPUS09_A	All tributaries and wetlands to Bear Creek from the source to the inlet of Perry Park Reservoir (Douglas County).	2.43	C1	E	X	X	X	X	None	3a
COSPUS09_B	Mainstem of Bear Creek from the source to the inlet of Perry Park Reservoir (Douglas County).	6.31	C1	E	F	I	F	F	None	3b
COSPUS10a_A	Mainstems of Stark Creek and Gove Creek from the boundary of National Forest lands to their confluence.	2.56	W1	E	F	F	F	F	None	1
COSPUS10a_B	Mainstems of West Plum Creek from the boundary of National Forest lands to Chatfield Reservoir	18.99	W1	E	F	N	F	F	Bugs	5
COSPUS10a_C	Mainstems of East Plum Creek from the boundary of National Forest lands to Chatfield Reservoir	27.39	W1	E	F	N	F	N	Bugs, As-T	5
COSPUS10a_D	Mainstem of Plum Creek from the boundary of National Forest lands to Chatfield Reservoir,	9.70	W1	E	F	I	N	F	*E. coli*	5
COSPUS11a_A	All tributaries to the East Plum Creek system, including all wetlands which are not on national forest lands. Excludes Cook Creek.	50.13	W2	E	F	I	X	F	None	3b
COSPUS11a_B	Mainstem of Cook Creek.	5.74	W2	E	F	N	X	F	Bugs	5
COSPUS11b_A	All tributaries to the West Plum Creek system, including all wetlands, which are not on national forest lands, except for specific listings in Segments 9 and 12. Excludes Spring Creek.	38.84	W2	E	X	X	X	NA	None	3a
COSPUS11b_B	Spring Creek and its tributaries	8.96	W2	E	F	N	F	NA	Bugs	5
COSPUS12_A	Mainstem of Garber Creek from the boundary of National Forest lands to the confluence with West Plum Creek;mainstem of Bear Creek from the outlet of Perry Park Reservoir, a.k.a. Waucondah Reservoir, to the confluence with West Plum Creek. .	8.35	W1	E	F	F	X	F	None	2
COSPUS12_B	Jackson Creek from the boundary of National Forest lands to the confluence with West Plum Creek	6.16	W1	E	F	F	X	I	None	3b

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS13_A	Mainstem of Deer Creek, including the North and South Forks, from the source to Chatfield Reservoir.	30.87	C1	E	F	F	F	F	None	1
COSPUS14_A	Mainstem of the South Platte River from the outlet of Chatfield Reservoir to the Burlington Ditch diversion in Denver, Colorado.	21.22	W1	E	F	F	T	N	As-T, *E. coli*, NO3	5
COSPUS15_A	Mainstem of the South Platte River from the Burlington Ditch diversion in Denver, Colorado, to a point immediately below the confluence with Big Dry Creek.	26.85	W2	E	F	B	N	F	*E. coli*, NH3, NO3	5
COSPUS16a_A	Mainstem of Sand Creek from the confluence of Murphy and Coal Creek in Arapahoe County to the confluence with the South Platte River.	6.44	W2	E	F	F	N	N	*E. coli*, Se-D	5
COSPUS16c_A	All tributaries to the South Platte River, including all wetlands, from the outlet of Chatfield Reservoir, to a point immediately below the confluence with Big Dry Creek, except for specific listings in the subbasins of the South Platte River, and in Segments 16a, 16d, 16e, 16f, 16g, and 16h.	243.30	W2	E	F	F	N	N	*E. coli*, Se-D	5
COSPUS16d_A	Second Creek from the source to the O'Brian Canal.	14.84	W2	E	X	X	X	NA	None	3a
COSPUS16e_A	Third Creek from the source to the O'Brian Canal.	11.71	W2	E	X	X	X	NA	None	3a
COSPUS16f_A	Barr Lake Tributary from the source to the Denver Hudson Canal.	5.39	W2	E	X	X	X	NA	None	3a
COSPUS16g_A	Marcy Gulch, including all wetlands from the source to the confluence with the South Platte.	6.00	W2	E	F	I	X	NA	None	3b
COSPUS16h_A	Mainstem of West Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with East Toll Gate Creek. Mainstem of East Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with West Toll Gate Creek. Mainstem of Toll Gate Creek, downstream of the confluence of East and West Toll Gate Creeks, to the confluence with Sand Creek.	44.84	W2	E	F	F	F	NA	None	1

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS16i_A	Mainstem of Sand Creek from the confluence with Toll Gate Creek to the confluence with Westerly Creek	2.30	W2	E	F	F	N	NA	*E. coli*	5
COSPUS16i_B	Mainstem Sand Creek from the confluence with Westerly Creek to the confluence with the South Platte River""	5.52	W2	E	F	N	N	NA	*E. coli*, Se-D	5
COSPUS16j_A	Lee Gulch, Little's Creek, Big Dry Creek (Douglas and Arapahoe Counties),and Little Dry Creek, including all wetlands from the source to the confluence with the South Platte.	64.18	W2	E	F	F	F	NA	None	1
COSPUS16k_A	Mainstem of Lakewood Gulch from the source to the confluence with the South Platte.	9.40	W1	E	F	F	F	NA	None	1
COUCBL01_A	Mainstem of the Blue River from the source to the confluence with French Gulch.	8.20	C1	E	F	N	F	F	Bugs	5
COUCBL02a_A	BlueRiver from South Barton Gulch to one half mile below Summit County Road 3	1.24	C1	E	F	U	F	N	Mn-D	5
COUCBL02a_B	Blue River from the confluence with French Gulch to South Barton Gulch	0.83	C1	E	F	N	F	N	Mn-D, Zn-D	5
COUCBL02b_A	Mainstem of the Blue River from a point one half mile below Summit County Road 3 to the confluence with the Swan River.	1.88	C1	E	F	N	F	F	Bugs	5
COUCBL02c_A	Mainstem of the Blue River from the confluence with the Swan River to Dillon Reservoir.	1.87	C1	E	F	N	N	F	Bugs, As-T	5
COUCBL04a_A	Direct tributaries to Dillon Reservoir and tributaries and wetlands in Blue River drainage above Dillon Reservoir, except Gold Run Gulch below Jessie Mine and Meadow Creek	112.32	C1	E	F	F	F	F	None	1
COUCBL04a_B	Gold Run Gulch below Jessie Mine	3.45	C1	E	F	N	X	N	Zn-D, As-T	5
COUCBL04a_C	Meadow Creek and its tributaries not in the wilderness	3.36	C1	E	F	N	X	F	Cu-D	5
COUCBL04b_A	North Fork of the Swan River, including all tributaries and wetlands, from the source to the confluence with the Swan River.	3.94	C1	E	X	X	X	X	None	3a
COUCBL05_A	Mainstem of Soda Creek from the source to Dillon Reservoir.	4.45	C1	E	F	N	X	F	Bugs	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCBL06a_A	Mainstem of the Snake River, including all tributaries and wetlands from the source to Dillon Reservoir, except for specific listings in Segments 6b, 7, 8 and 9.	23.34	C1	E	F	N	F	N	Zn-D, Mn-D, Cd-D, Cu-D, Pb-D, pH	5
COUCBL06b_A	Mainstem of Camp Creek, including all tributaries and wetlands from the source to confluence with the Snake River.	1.50	C1	E	F	F	X	F	None	2
COUCBL07_A	Mainstem of Peru Creek, including all tributaries and wetlands from the source to the confluence with the Snake River, except for specific listing in Segment 8.	5.94	C1	N	NA	T	F	NA	Cd-D, Cu-D, Mn-D, Pb-D, pH, Zn-D	4a
COUCBL08_A	Mainstem of Keystone Gulch, including all tributaries and wetlands from the source to the confluence with the Snake River. Mainstem of Chihuahua Creek including all tributaries, and wetlands from the source to the confluence with Peru Creek. Mainstem of the North Fork of the Snake River, including all tributaries and wetlands from the source to the confluence with the Snake River. Mainstem of Jones Gulch, including all tributaries and wetlands from the source to the confluence with the Snake River.	25.22	C1	E	F	F	X	F	None	2
COUCBL09_A	Mainstem of Deer Creek, including all tributaries and wetlands from the source to the confluence with the Snake River.	2.69	C1	E	F	F	X	F	None	2
COUCBL10_A	Mainstem of French Gulch including all tributaries and wetlands from the source to a point 1.5 miles below Lincoln.	4.59	C1	E	F	F	X	F	None	2
COUCBL11_A	Mainstem of French Gulch from a point 1.5 miles below Lincoln to the confluence with the Blue River.	3.14	C1	P	F	F	F	NA	None	1
COUCBL12_A	Mainstem of Illinois Gulch and Fredonia Gulch from their source to their confluence with the Blue River.	5.47	C2	P	F	N	F	I	Zn-D, Cd-D	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCBL13_A	Mainstem of Tenmile Creek from the Climax Parshall Flume to a point immediately above the confluence of West Tenmile Creek and all tributaries and wetlands from the source of Tenmile Creek to a point immediately above the confluence with West Tenmile Creek, except for the specific listing in Segment 15.	8.41	C1	P	F	F	F	NA	None	1
COUCBL14_A	Mainstem of Tenmile Creek, including all tributaries and wetlands from a point immediately above the confluence with West Tenmile Creek to Dillon Reservoir, except for the specific listing in Segment 16.	43.07	C1	E	F	F	F	F	None	1
COUCBL15_A	Mainstem of Clinton Creek from the source to the confluence with Tenmile Creek.	3.88	C1	E	F	F	F	F	None	1
COUCBL16_A	All tributaries to the Blue River, including all wetlands, within the Eagles Nest and Ptarmigan Peak Wilderness Areas.	150.80	C1	E	F	F	X	F	None	2
COUCBL17_A	Blue River from outlet of Dillon Reservoir to Green Mountain Reservoir	21.17	C1	E	F	I	F	F	None	3b
COUCBL17_B	Blue River from Green Mountain Reservoir to confluence with Colorado River	17.38	C1	E	F	N	X	F	Temp	5
COUCBL18_A	Tributaries to the Blue River from outlet of Dillon Reservoir to outlet of Green Mountain Reservoir, except for Straight Creek	182.32	C1	E	F	F	F	F	None	1
COUCBL18_B	Straight Creek	8.58	C1	E	F	T	F	F	Sediment	4a
COUCBL19_A	All tributaries to the Blue River, including all wetlands, from the outlet of Green Mountain Reservoir to the confluence with the Colorado River, except for specific listings in Segment 20.	93.05	C1	N	F	F	F	F	None	1
COUCBL20_A	Elliot Creek including all tributaries from sources to confluence with Blue River	11.74	C1	N	F	F	X	F	None	2
COUCBL20_B	Spruce Creek and tribs	18.46	C1	N	F	F	X	N	As-T	5
COUCEA01_A	All tributaries and wetlands to the Eagle River system within the Gore Range - Eagles Nest and Holy Cross Wilderness Area.	140.50	C1	E	F	F	F	F	None	1
COUCEA02_A	Mainstem of the Eagle River from the source to the compressor house bridge at Belden.	17.00	C1	E	F	F	F	N	As-T	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCEA03_A	All tributaries to the Eagle River, including wetlands, from the source to the compressor house bridge at Belden, except for the specific listing in Segment 4 and those waters included in Segment 1.	80.24	C1	E	F	F	F	F	None	1
COUCEA04_A	Mainstem of Homestake Creek from the confluence of the East Fork to the confluence with the Eagle River.	10.63	C1	E	F	F	X	F	None	2
COUCEA05a_A	Mainstem of the Eagle River from the compressor house bridge at Belden to a point immediately above the Highway 24 Bridge near Tigiwon Road.	2.38	C1	E	F	T	F	F	Cu-D, Zn-D	4a
COUCEA05b_A	Mainstem of the Eagle River from a point immediately above the Highway 24 Bridge near Tigiwon Road to a point immediately above the confluence with Martin Creek.	2.55	C1	E	F	T	X	F	Cu-D, Zn-D	4a
COUCEA05c_A	Mainstem of the Eagle River from a point immediately above Martin Creek to a point immediately above the confluence with Gore Creek.	2.43	C1	E	F	N	F	N	Cd-D, As-T, Fe-D, Cu-D, Zn-D	5
COUCEA06_A	All tributaries to the Eagle River, including all wetlands, from the compressor house bridge at Belden to a point immediately below the confluence with Lake Creek, except for the specific listings in Segments 1, 7a, 7b, and 8. With other exceptions to Black Gore, Lake, Beaver, and Red Sandstone Creeks.	152.27	C1	E	F	F	F	N	As-T	5
COUCEA06_B	Black Gore Creek, adjacent to I-70	7.04	C1	E	F	N	F	N	As-T, Sediment	5
COUCEA06_C	Lake Creek from below the confluence with East and West Lake Creek to the mouth	2.00	C1	E	F	N	F	N	As-T, Bugs	5
COUCEA06_D	Beaver Creek from confluence with Wayne Creek to Mouth	3.48	C1	E	F	N	F	N	As-T, Bugs	5
COUCEA06_E	Red Sandstone Creek from USFS Boundary to north side I-70 Frontage Road	15.33	C1	E	F	I	F	N	As-T	5
COUCEA06_F	Red Sandstone Creek from north side I-70 Frontage Road to confluence with Gore Creek	0.15	C1	E	F	N	F	N	As-T, Bugs	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

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			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCEA07a_A	Mainstem of Cross Creek from the source to a point immediately below the Minturn Middle School, except for those waters included in Segment 1.	1.30	C1	E	F	F	F	F	None	1
COUCEA07b_A	Mainstem of Cross Creek from a point immediately below the Minturn Middle School to the confluence with the Eagle River, except for those waters included in Segment 1.	0.53	C1	E	F	T	F	F	Cu-D, Zn-D	4a
COUCEA08_A	Mainstem of Gore Creek from the confluence with Black Gore Creek to the confluence with the Eagle River.	11.61	C1	E	F	N	F	F	Bugs	5
COUCEA09a_A	Eagle River from Gore Creek to confluence with Berry Creek	9.13	C1	E	F	I	F	N	As-T	5
COUCEA09a_B	Eagle River from confluence with Berry Creek to confluence with Squaw Creek	2.58	C1	E	F	N	F	N	As-T, Bugs, Sediment	5
COUCEA09b_B	Eagle River from Squaw Creek to Ute Creek	3.67	C1	E	F	I	F	I	None	3b
COUCEA09b_C	Eagle River from Ute Creek to Rube Creek	3.41	C1	E	F	I	F	I	None	3b
COUCEA09c_A	Mainstem of the Eagle River from a point immediately below the confluence with Rube Creek to the confluence with the Colorado River.	23.79	C1	E	F	U	F	N	As-T	5
COUCEA10a_A	All tributaries to the Eagle River, including all wetlands, from a point immediately below the confluence with Lake Creek to the confluence with the Colorado River, except for specific listings in Segments 10b, 11 and 12, and those waters included in Segment 1	413.92	C1	E	F	F	X	F	None	2
COUCEA10a_B	Eby Creek and tribs	16.95	C1	E	F	I	X	F	None	3b
COUCEA10b_A	Abrams Creek, including all tributaries and wetlands, from the source to the eastern boundary of the United States Bureau of Land Management lands.	17.51	C1	E	F	F	F	F	None	1
COUCEA11_A	Mainstem of Alkali Creek from the source to the confluence with the Eagle River. Mainstem of Milk Creek from the source to the confluence with the Eagle River.	19.20	C2	P	F	F	F	NA	None	1
COUCEA12_A	Mainstem of Brush Creek, from the source to the confluence with the Eagle River, including the East and West Forks.	29.53	C1	E	F	F	F	F	None	1

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AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCNP01_A	Tributaries to the North Platte and Encampment Rivers within the Mount Zirkel, Never Summer, and Platte River Wilderness Areas except South Fork of Big Creek and tribs	131.37	C1	E	F	F	F	F	None	1
COUCNP01_B	South Fork Big Creek and tribs from source to the wilderness boundry	6.17	C1	E	F	F	F	N	As-T	5
COUCNP02_A	Mainstem of the Encampment River, including all tributaries and wetlands, from the source to the Colorado/Wyoming border, except for those tributaries included in Segment 1.	20.33	C1	P	F	F	F	F	None	1
COUCNP03_A	Mainstem of the North Platte River from the confluence of Grizzly Creek and Little Grizzly Creek to the Colorado/Wyoming border.	61.69	C1	E	F	F	F	I	None	3b
COUCNP04a_A	Tributaries to the North Platte River system and wetlands, except for the Canadian River, Grizzly Creek, Little Grizzly Creek, Lake Creek, the Illinois River, South Fork of Big Creek, Snyder Creek, North Sand Creek and their tribs	649.52	C1	E	F	F	F	F	None	1
COUCNP04a_B	Canadian River and tribs	269.71	C1	E	F	U	I	I	None	3b
COUCNP04a_C	Grizzly Creek	329.21	C1	E	F	F	F	I	None	3b
COUCNP04a_D	Little Grizzly Creek and tribs	92.12	C1	E	F	N	F	I	Bugs	5
COUCNP04a_E	Lake Creek and tribs	64.05	C1	E	F	F	F	I	None	3b
COUCNP04a_F	Illinois River and tribs	82.53	C1	E	F	I	F	N	As-T	5
COUCNP04a_G	South Fork Big Creek and tribs	9.26	C1	E	F	F	F	N	As-T	5
COUCNP04a_H	Snyder Creek and tribs	9.77	C1	E	F	N	X	N	Fe-Trec, As-T, Fe-D, Mn-D	5
COUCNP04a_I	North Sand Creek and its tribs	8.56	C1	E	F	I	X	F	None	3b
COUCNP04b_A	Canadian River below 12E Road to confluence w/ North Platte River. Tribs entering mainstem of Canadian River from SW side of mainstem	40.35	C1	E	F	F	F	F	None	1
COUCNP04b_B	Illinois River and it's tributaries	94.24	C1	E	F	F	F	N	As-T	5
COUCNP05a_A	Mainstem of the Michigan River from the source to a point immediately below the confluence with the North Fork Michigan River.	20.70	C1	E	F	F	X	F	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCNP05b_A	Mainstem of the Michigan River from a point immediately below the confluence with the North Fork Michigan River to the confluence with the North Platte River.	73.02	C1	N	F	I	F	N	As-T	5
COUCNP06_A	Mainstem of Pinkham Creek from the Routt National Forest boundary to the confluence with the North Platte River.	13.96	C1	N	F	I	F	F	None	3b
COUCNP07a_A	Mainstem of Government Creek from the boundary of the Colorado State Forest to the confluence with the Canadian River. Mainstem of Spring Creek from the source to the outlet of Spring Creek (Number 31) Reservoir.	10.35	C2	N	F	F	F	NA	None	1
COUCNP07b_A	Mainstem of Spring Creek from the outlet of Spring Creek (Number 31) Reservoir to the confluence with the Illinois River.	12.29	C2	N	F	N	F	F	DO	5
COUCRF01_A	All tributaries to the Roaring Fork River system, including all wetlands, within the Maroon Bells/Snowmass, Holy Cross, Raggeds, Collegiate Peaks and Hunter/Fryingpan Wilderness Areas.	302.69	C1	E	F	F	F	F	None	1
COUCRF02_A	Mainstem of the Roaring Fork River, including all tributaries and wetlands, from the source to a point immediately below the confluence with Hunter Creek, except for those tributaries included in Segment 1.	25.57	C1	E	F	I	F	F	None	3b
COUCRF03a_A	Mainstem of the Roaring Fork River, from a point immediately below the confluence with Trentaz Gulch, to a point immediately below the confluence with the Fryingpan River. All tributaries to the Roaring Fork River, including wetlands, from a point	284.76	C1	E	F	F	F	F	None	1
COUCRF03a_B	Roaring Fork from confluence with Hunter Creek to the confluence of Trentaz Gulch	5.72	C1	E	F	N	X	F	Bugs	5
COUCRF03a_C	West Sopris Creek and Tribs	11.18	C1	E	F	N	X	F	Bugs	5
COUCRF03a_D	Capitol Creek	9.51	C1	E	F	F	F	F	None	1
COUCRF03b_A	Red Canyon Creek including all tributaries and wetlands from the source to the Roaring Fork except Landis Creek from source to Hopkins Ditch Diversion	15.08	C2	N	X	X	X	X	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCRF03b_B	Landis Creek from source to Hopkins Ditch Diversion	3.85	C2	N	F	I	F	F	None	3b
COUCRF03c_A	Roaring Fork River, from the Fryingpan River to the Colorado River. Three Mile Creek, including all tributaries from the source to the Roaring Fork River	26.23	C1	E	F	N	F	F	Temp	5
COUCRF03c_B	Roaring Fork below the confluence with the Crystal River to the mouth	12.63	C1	E	F	F	F	F	None	1
COUCRF03d_A	Cattle Creek, including all tribs and wetlands, from source to Bowers Gulch	20.74	C1	E	X	X	X	X	None	3a
COUCRF03d_B	Cattle Creek from Bowers Gulch to to most downstream White River NF boundary	1.53	C1	E	X	N	X	X	Bugs	5
COUCRF04_A	Mainstem of Brush Creek from the source to the confluence with the Roaring Fork River.	7.09	C1	E	F	F	F	F	None	1
COUCRF05_A	Mainstem of the Fryingpan River from the source to the confluence with the North Fork.	11.58	C1	E	F	F	F	F	None	1
COUCRF06_A	Mainstem of the Fryingpan River from the confluence with the North Fork to the confluence with the Roaring Fork River.	18.29	C1	E	F	F	F	F	None	1
COUCRF07_A	Tributaries to the Fryingpan River, including all wetlands, except for the South Fork Frying Pan River from transbasin diversion to confluence with unnamed tributary (39.25128oN, -106.59442oW)	137.36	C1	E	F	F	X	F	None	2
COUCRF07_B	South Fork Frying Pan River from transbasin diversion to confluence with unnamed tributary (39.25128oN, -106.59442oW)	4.56	C1	E	F	I	X	F	None	3b
COUCRF08_A	Mainstem of the Crystal River, including all tributaries and wetlands, from the source to the confluence with the Roaring Fork River, except for specific listings in Segments 1, 9 and 10.	117.90	C1	E	F	F	F	F	None	1
COUCRF09_A	Mainstem of Coal Creek including all tributaries and wetlands from the source to the confluence with the Crystal River.	22.35	C1	E	F	F	F	F	None	1
COUCRF10a_A	Mainstem of Thompson Creek, including all tributaries and wetlands, from the source to the confluence with the Crystal River, except for specific listings in Segment 10b.	28.86	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCRF10b_A	Mainstem of North Thompson Creek, including all tributaries and wetlands, from the source to the White River National Forest boundary. Mainstem of Middle Thompson Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with the South Branch of Middle Thompson Creek.	28.72	C1	E	F	F	X	F	None	2
COUCUC01_A	Mainstem of the Colorado River, including all tributaries and wetlands, within Rocky Mountain National Park, or which flow into Rocky Mountain National Park.	117.30	C1	E	F	F	F	F	None	1
COUCUC02_A	Mainstem of the Colorado River, including all tributaries and wetlands within, or flowing into Arapahoe National Recreation Area. Except for Willow, Stillwater, Arapaho Creeks, and the Colorado River from North Inlet to Granby and Colorado River from North inlet to Grand Lake.	38.06	C1	E	F	F	X	F	None	2
COUCUC02_B	Willow Creek, Stillwater Creek and Arapaho Creek	36.20	C1	E	F	N	F	F	Temp	5
COUCUC02_C	Colorado River from Shadow Mountain Reservoir to Granby Reservoir	0.27	C1	E	F	N	F	F	Temp	5
COUCUC02_D	Mainstem of Colorado River form the North Inlet to Grand Lake	0.58	C1	E	F	N	X	F	Cu-D	5
COUCUC03_A	Colorado River from outlet of Lake Granby to Windy Gap Reservoir	8.54	C1	E	F	F	F	I	None	3b
COUCUC03_B	Colorado River from Windy Gap Reservoir to 578 Road Bridge	1.42	C1	E	F	I	F	I	None	3b
COUCUC03_C	Colorado River from 578 Road Bridge to Gore Canyon	33.70	C1	E	F	N	F	I	Temp	5
COUCUC03_D	Colorado River from Gore Canyon to Derby Creek	45.88	C1	E	F	N	F	F	Temp	5
COUCUC03_E	Colorado River from Derby Creek to the confluence with the Roaring Fork River	44.17	C1	E	F	N	F	F	Temp	5
COUCUC04_A	All tributaries to the Colorado River, including all wetlands, from the outlet of Lake Granby to the confluence with the Roaring Fork River, which are on National Forest lands, except for those tributaries included in Segments 1 and 2, and specific listings in Segments 8, 9 and 10a.	900.36	C1	E	F	F	F	F	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCUC06a_A	All tributaries to the Colorado River, including all wetlands, from the source to a point immediately above the confluence with the Blue River and Muddy Creek, which are not on National Forest lands, except for specific listings in Segments 1, 2, 4, 5, 6b, 6c, 8, 9 and 10a-c.	301.68	C1	P	F	F	F	F	None	1
COUCUC06b_A	Mainstem of un-named tributary from the headwaters (Sec 32, T3N, R76W) to Willow Creek Reservoir Road (Section 8, T2N, R76W).	3.42	C2	N	F	I	F	NA	None	3b
COUCUC06c_A	Mainstem of un-named tributary to Willow Creek from the Willow Creek Reservoir Rd (Sec. 8, T2N, R76W) to the confluence with Willow Creek (Sec. 17, T2N, R76W).	1.00	C2	N	F	T	F	NA	NH3	4a
COUCUC07a_A	Colorado River, including wetlands from a point abv the confluence with the Blue River to blw confluence with Roaring Fork, which are not on NF lands except Alkali Slough and Muddy Creek	591.71	C1	N	F	F	F	F	None	1
COUCUC07a_B	Alkali Slough and its tributaries	5.68	C1	N	F	N	X	N	Fe-Trec, Se-D, SO4	5
COUCUC07a_C	Mainstem of Muddy Creek	8.28	C1	N	F	N	X	N	Temp, As-T	5
COUCUC07b_A	Rock Creek, Deep Creek, Sheephorn Creek Sweetwater Creek and Piney River.	315.83	C1	E	F	U	F	F	None	2
COUCUC07b_B	Mainstem of Muddy Creek from Wolford Mountain Reservoir to Cow Gulch	30.06	C1	E	F	N	F	F	Temp	5
COUCUC07b_C	Mainstem of Muddy Creek from Cow Gulch to the Colorado River	13.04	C1	E	F	N	F	N	Temp, As-T, Mn-D	5
COUCUC07c_A	Mainstem of Muddy Creek from the source to a point immediately below the confluence with Eastern Gulch as well as all tributaries to and wetlands of Muddy Creek from the source to the outlet of Wolford Mountain Reservoir, except for listings in Segment 4. The mainstems of Derby, Blacktail, Cabin, and Red Dirt Creeks (all below Wolford Mountain Reservoir), including all tributaries and wetlands, from their sources to their confluences with the Colorado River, except for listings in Segment 4.	140.25	C1	N	X	X	X	X	None	3a

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCUC08_A	Williams Fork River, including all tribs from source to confluence with Colorado river except Mainstem of Williams Fork River below Kinney Creek	289.27	C1	E	F	F	X	F	None	3a
COUCUC08_B	Mainstem of Williams Fork River below Kinney Creek	19.27	C1	E	F	I	X	F	None	3b
COUCUC09_A	All tributaries to the Colorado and Fraser Rivers, including all wetlands, within the Never Summer, Indian Peaks, Byers, Vasquez, Eagles Nest and Flat Tops Wilderness Areas.	194.66	C1	E	X	X	X	X	None	3a
COUCUC10a_A	Tributaries to the Fraser River, from the source to the Colorado River, except Ranch Creek and Vasquez Creek	156.75	C1	E	F	F	F	F	None	1
COUCUC10a_B	Ranch Creek and tribs	57.22	C1	E	F	N	F	F	Temp	5
COUCUC10a_C	Fraser River Tribs at and above Jim Creek	11.74	C1	E	F	N	F	F	Bugs	5
COUCUC10a_D	Vasquez Creek and tribs	14.67	C1	E	F	N	F	F	Bugs, Cu-D	5
COUCUC10a_E	Mainstem of Fraser River from source to Leland Creek	10.65	C1	E	F	X	F	F	None	2
COUCUC10b_A	Mainstem of the Fraser River from a point immediately below the Rendezvous Bridge to a point immediately below the Hammond Ditch.	2.09	C1	E	F	F	F	F	None	1
COUCUC10c_A	Fraser River from below the Hammond Ditch in Town of Fraser to Fraser Canyon near Tabernash	5.17	C1	E	F	F	F	N	As-T	5
COUCUC10c_B	Fraser River from Fraser Canyon near Tabernash to the Town of Granby	10.53	C1	E	F	F	F	N	As-T, Fe-D	5
COUCUC10c_C	From the Town of Granby to confluence with the Colorado River	2.52	C1	E	F	F	F	N	Fe-D, As-T	5
COUCYA01_A	All tributaries to the Yampa River, including all wetlands, which are within the Mount Zirkel, Flat Tops and Sarvis Creek Wilderness Areas.	219.95	C1	E	X	X	X	X	None	3a
COUCYA02a_A	Yampa River above Stagecoach Reservoir	14.80	C1	E	F	F	F	F	None	1
COUCYA02a_B	Yampa River from Stagecoach Reservoir to above confluence with Oak Creek	15.35	C1	E	F	N	F	N	Temp, As-T	5
COUCYA02b_A	Mainstem of the Yampa River from a point immediately above the confluence with Oak Creek to a point immediately below the confluence with Elkhead Creek.	57.11	C1	E	F	N	X	N	Temp, As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCYA03_A	Tributaries to Yampa River except, except for specific listings in Segments 4-8, 13a-f and 19. Mainstem of the Bear River, including all tributaries and wetlands from the boundary of the Flat Tops Wilderness Area to the confluence with the Yampa River. Also excepted specific listings on USFS land and Bushy Creek, Little Morrison Creek, Walton Creek, and Gunn Creek	506.81	C1	E	F	F	F	F	None	1
COUCYA03_B	Bushy Creek	5.11	C1	E	F	N	F	F	Sediment	5
COUCYA03_C	Mainstem of Walton Creek	15.05	C1	E	F	F	F	F	None	1
COUCYA03_D	Little Morrison Creek	7.61	C1	E	F	N	F	N	Fe-Trec, As-T	5
COUCYA03_E	Gunn Creek	6.25	C1	E	F	N	F	N	Zn-D, As-T	5
COUCYA04_A	Mainstem of Little White Snake Creek from the source to the confluence with the Yampa River.	3.68	C2	N	F	I	F	I	None	3b
COUCYA05_A	Mainstem of Chimney Creek, including all tributaries and wetlands, which are not on National Forest lands, from the source to the confluence with the Yampa River.	50.44	C1	P	F	F	F	NA	None	1
COUCYA06_A	Mainstem of Oak Creek, including all tributaries and wetlands, from the source to a point 0.25 mile below County Road 27.	26.33	C1	E	F	F	F	F	None	1
COUCYA07_A	Mainstem of Oak Creek, including all tributaries and wetlands, from a point 0.25 mile below County Road 27 to the confluence with the Yampa River.	20.19	C1	P	F	F	F	F	None	1
COUCYA08_A	Elk River, tribs and wetlands from source to Morin Ditch except Lost Dog Creek, and for those tributaries included in Segments 1, 20a and 20b.	421.13	C1	E	F	F	F	F	None	1
COUCYA08_B	Elk River and tribs below Morin Ditch	14.20	C1	E	F	U	F	N	*E. coli*	5
COUCYA08_C	Lost Dog Creek and trib	5.79	C1	E	F	I	X	I	None	3b
COUCYA11_A	Fish Creek, including all tributaries and wetlands, from the source to County Road 27, except for specific listings in Segment 20.	28.34	C2	N	X	X	X	NA	None	3a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCYA12_A	Tributaries and wetlands to the Yampa River from confluence with Elk River to confluence with Elkhead Creek not on NF lands except Wolf Creek, except for specific listings in Segments 11 and 13a-fj.	135.23	C2	N	X	X	X	NA	None	3a
COUCYA12_B	Wolf Creek and tribs	16.68	C2	N	F	N	X	NA	Bugs	5
COUCYA13a_A	Mainstem of Trout Creek, including all tributaries and wetlands, from the source to the confluence with the Yampa River, which are not on National Forest lands, except for specific listings in Segments 13b, 13c, 13f, and 13g.	101.18	C1	E	X	X	X	X	None	3a
COUCYA13b_A	Foidel Creek and tributaries, Middle Creek and tributaries	29.14	W1	E	F	I	X	NA	None	3b
COUCYA13b_B	Fish Creek and tribs	13.06	W1	E	F	I	I	NA	None	3b
COUCYA13c_A	Mainstem of Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to its confluence with Fish Creek. All tributaries to Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to County Road 179 except for specific listings in 13b.	21.76	C1	E	X	X	X	X	None	3a
COUCYA13d_A	Dry Creek including all wetlands and tributaries from source to just above the confluence with Temple Gulch.	66.46	C2	E	F	N	F	F	Fe-Trec	5
COUCYA13d_B	Dry Creek from Seneca sample location 8 (WSD5) to just above Temple Gulch	2.07	C2	E	F	N	F	F	Fe-Trec	5
COUCYA13e_A	Sage Creek and tribs above Routt County Road 51D, Grassy Creek and tribs	15.92	C2	N	F	I	F	F	None	3b
COUCYA13e_B	Sage Creek and tribs below Routt County Road 51D	7.07	C2	N	F	N	F	F	Se-D	5
COUCYA13f_A	Mainstem of Trout Creek, including all tributaries and wetlands, from a point immediately below its confluence with Fish Creek to the confluence with the Yampa River.	18.46	C1	E	X	X	X	X	None	3a
COUCYA13g_A	All tributaries to Fish Creek from the confluence with Cow Camp Creek to the confluence with Trout Creek,	35.95	W1	E	X	X	X	NA	None	3a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCYA13h_A	Dry Creek including all tributaries from Routt County Road 53 to Yampa River	36.67	W2	E	F	N	F	NA	Se-D	5
COUCYA13h_B	Dry Creek including all tributaries from Temple Gulch to Routt County Road 53	0.40	W2	E	F	N	F	NA	Se-D	5
COUCYA13i_A	Mainstem of Grassy Creek, including all tributaries and wetlands, from the source to immediately above the confluence with Scotchmans Gulch.	34.50	W2	N	F	F	F	NA	None	1
COUCYA13j_A	Mainstem of Grassy Creek, including all tributaries and wetlands, from the confluence with Scotchmans Gulch to the confluence with the Yampa River near Hayden.	8.77	W2	N	F	I	F	NA	None	3b
COUCYA14_A	Mainstem of Elkhead Creek, including all tributaries and wetlands, from the boundary of the National Forest lands, to a point immediately below the confluence with Calf Creek. Dry Fork of Elkhead Creek, including all tributaries and wetlands, from the source to a point immediately below 80A Road.	47.00	C1	E	F	F	F	F	None	1
COUCYA15_A	Tributaries to Elhead Creek, Calf Creek and 80A Road on the Dry Fork of Elkhead Creek to the Yampa River	95.92	C1	E	X	X	X	X	None	3a
COUCYA15_B	Mainstem of Elkhead Creek from Calf Creek to Yampa River	23.01	C1	E	F	F	F	N	As-T	5
COUCYA18_A	Little Snake River including all tributaries and wetlands from forest boundary to Wyoming border, except for the South Fork of the Little Snake River	8.10	C1	E	F	I	F	F	None	3b
COUCYA18_B	South Fork of Little Snake River and its Tribs	20.42	C1	E	F	F	I	I	None	3b
COUCYA19_A	All tributaries to the Little Snake River, including all wetlands, which are on National Forest lands in Routt County.	156.61	C1	E	F	F	F	F	None	1
COUCYA20a_A	All tributaries to the Yampa River, including wetlands, above the confluence with Elkhead Creek that are within National Forest boundaries, except for specific listings in segment 20b.	67.67	C1	U	X	X	F	X	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	MILES	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCYA20b_A	Mainstem of First Creek from the eastern boundary of state lands in California Park to the confluence with Elkhead Creek. Mainstem of Elkhead Creek from the eastern boundary of state lands in California Park to the National Forest boundary.	8.63	C1	N	X	X	F	X	None	2

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

Appendix B: Use Attainment Table for Lakes and Reservoirs

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARCI03_A	All lakes and reservoirs tributary to the Cimarron River.	157.35	W2	E	X	X	X	NA	None	3a
COARFO07a_A	Pikeview Reservoir	8.64	W2	E	X	F	X	X	None	2
COARFO07a_B	Willow Springs Ponds #1 & #2	5.48	W2	E	X	F	X	X	None	2
COARFO07b_A	Prospect Lake, Quail Lake, and Monument Lake.	92.14	W2	E	X	X	X	NA	None	3a
COARFO08_A	All lakes and reservoirs tributary to the mainstem of Fountain Creek from the source to a point immediately above the confluence with Monument Creek, except for specific listings in segment 9.	879.63	C1	E	X	X	X	X	None	3a
COARFO09_A	North Catamount Reservoir, South Catamount Reservoir, and Crystal Creek Reservoir.	418.39	C1	E	F	F	X	X	None	2
COARFO10_A	All lakes and reservoirs tributary to Fountain Creek which are within the boundaries of National Forest or Air Force Academy lands from a point immediately above the confluence with Monument Creek to the confluence with the Arkansas River, except for specific listings in Segment 11. This segment includes Rampart Reservoir.	16.77	C1	E	F	U	X	F	None	2
COARFO11_A	All lakes and reservoirs tributary to Fountain Creek which are not within the boundaries of National Forest or Air Force Academy lands, except AFA Non-Potable Reservoir #1, from a point immediately above the confluence with Monument Creek to the confluence with the Arkansas River, excluding the specific listings in segments 7a and 7b.	950.63	W2	E	X	X	U	U	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARLA10_A	Two Buttes Reservoir, Two Buttes Pond, Hasty Lake, Holbrook Reservoir, Burchfield Lake, Nee-Skah (Queens) Reservoir, Neeso Pah Reservoir, Nee Noshe Reservoir;	6123.43	W1	E	F	F	X	F	None	2
COARLA10_B	Adobe Creek Reservoir	4784.00	W1	E	F	N	X	I	Se-D	5
COARLA10_C	Nee Gronda Reservoir	750.44	W1	E	F	N	X	F	Se-D	5
COARLA11_A	John Martin Reservoir.	17146.93	W1	E	F	N	X	F	Se-D	5
COARLA12_A	Lake Meredith	5530.86	W1	E	F	N	F	NA	Se-D	5
COARLA12_B	Lake Henry	1177.62	W1	E	F	N	X	NA	Se-D	5
COARLA13_A	American Crystal Reservoir, Chancellor Ponds, Horse Creek Reservoir, Hugo Ponds, Jim Davis Pond, John Robertson Ponds, Karval Lake, Kinney Lake, Kissel Pond, La Junta Kids Pond, Las Animas Kids Pond, Mayhem Pond, Merit Lake, Olney Springs Pond, Otero Pond, Pursley Ponds, Ranch Reservoir, Reynolds Gravel Pit, Pyan Ponds, Thurston Reservoir, Turks Pond, Ramah Reservoir.	2522.01	W1	E	F	F	X	NA	None	2
COARLA14_A	All lakes and reservoirs tributary to the Apishapa River from the source to I-25, except for specific listings in Middle Arkansas segment 19.	5.68	C1	E	X	X	X	X	None	3a
COARLA15_A	All lakes and reservoirs tributary to the mainstem of the North Fork of the Purgatoire River from the source to a point immediately below the confluence with Guajatoyah Creek. All lakes and reservoirs tributary to the Middle Fork of the Purgatoire River from the source to the USGS gage at Stonewall mainstem of the South Fork of the Purgatoire River, from the source to Tercio. Monument Lake, North Lake, Long Canyon Reservoir and Lake Dorothey.	197.31	C1	E	X	X	X	X	None	3a
COARLA15_B	Trinidad Reservoir	1400.06	C1	E	F	N	X	F	DO, Fish-Hg	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARLA16_A	All lakes and reservoirs tributary to the Purgatoire River from the source to I-25, except for the specific listings in segment 15 and 17.	24.67	C2	E	X	X	X	NA	None	3a
COARLA17_A	All lakes and reservoirs tributary to Wet Canyon, from the source to the confluence with the Purgatoire River.	0.11	C2	E	U	U	U	U	None	3a
COARLA18_A	All lakes and reservoirs tributary to Ricardo Creek, which are within Colorado (Costilla and Las Animas Counties). All lakes and reservoirs tributary to the Canadian River.	9.74	C1	E	X	X	X	X	None	3a
COARLA19_A	All lakes and reservoirs tributary to the Arkansas River, except for specific listings in segments 10-18 and Middle Arkansas Basin segments 19-28.	18731.61	W1	E	X	X	X	U	None	3a
COARMA19_A	All lakes and reservoirs tributary to the Arkansas River within the Sangre de Cristo, Greenhorn, and Spanish Peaks Wilderness areas.	6.17	C1	E	X	X	X	X	None	3a
COARMA20_A	Pueblo Reservoir.	4264.42	C1	E	F	F	X	F	None	2
COARMA21_A	All lakes and reservoirs tributary to Chico Creek from the source to the confluence with the Arkansas River.	418.28	W1	E	X	X	X	U	None	3a
COARMA22_A	All lakes and reservoirs tributary to the Saint Charles River from the source to a point immediately above the CF&I diversion canal near Burnt Mill.	31.93	C1	E	X	X	X	X	None	3a
COARMA23_A	All lakes and reservoirs tributary to Greenhorn Creek from the source to a point immediately below the Greenhorn Highline (Hayden Supply Ditch) diversion dam, except for specific listings in segment 19. All lakes and reservoirs tributary to Graneros Creek from the source to the San Isabel National Forest boundary, except for specific listings in segment 19. All lakes and reservoirs tributary to Muddy Creek from the source to 232/Bondurant Road. Beckwith Reservoir.	52.36	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARMA24_A	All lakes and reservoirs tributary to the Huerfano River from the source to Highway 69 at Badito, except for the specific listings in segment 19. All lakes and reservoirs tributary to the Huerfano River above the confluence with the Cucharas River that are within the San Isabel National Forest boundaries, except for the specific listings in segment 19.	120.17	C1	E	X	X	X	U	None	3a
COARMA25_A	All lakes and reservoirs tributary to the Cucharas River from the source to the point of diversion for the Walsenburg public water supply, except for the specific listings in segment 19. Huajatolla Reservoirs and Diagre Reservoir	183.49	C1	E	X	X	X	X	None	3a
COARMA26_A	Martin Lake (Ohem Lake) and Walsenburg Lower Town Lake.	220.43	C1	E	X	X	X	X	None	3a
COARMA26_B	Horseshoe Lake (lake Meriam)	157.13	C1	E	F	N	X	F	Fish-Hg	5
COARMA27_A	Teller Reservoir	96.63	C1	E	F	I	U	F	None	3b
COARMA28_A	Valco Ponds and Runyon/Fountain Lake.	66.44	W1	E	X	X	X	X	None	3a
COARUA28_A	All lakes and reservoirs within the Mount Massive and Collegiate Peaks Wilderness areas.	167.86	C1	E	F	F	F	F	None	1
COARUA29_A	All lakes and reservoirs tributary to the Arkansas River from the source to immediately below the confluence with Brown's Creek, except for specific listings in segments 28 and 30.	697.32	C1	E	F	F	F	F	None	1
COARUA30_A	Turquoise Reservoir, Clear Creek Reservoir, Twin Lakes and Mt. Elbert Forebay. Except for Twin Lake West.	3863.62	C1	E	F	F	x	F	None	2
COARUA30_B	Twin Lake West	551.49	C1	E	F	N	X	F	Cu-D	5
COARUA31_A	All lakes and reservoirs tributary to the Arkansas River which are on National Forest lands, from the confluence with Brown's Creek to the inlet to Pueblo Reservoir, except for specific listings in segments 32 and 34-40.	60.15	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA32_A	All lakes and reservoirs tributary to the South Fork of the Arkansas from the source to the confluence with the Arkansas River.	117.69	C1	E	X	X	X	X	None	3a
COARUA33_A	All lakes and reservoirs tributary to the Arkansas River which are not on National Forest lands, from the confluence with Brown's Creek to the inlet to Pueblo Reservoir, except for specific listings in segments 32 and 34-40.	107.37	C2	E	F	U	F	U	None	2
COARUA34_A	All lakes and reservoirs tributary to the mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks from their sources to their confluences with the Arkansas River. All lakes and reservoirs tributary to the mainstem of Grape Creek from the source to the outlet of DeWeese Reservoir, except for the specific listing in segment 35.	251.78	C1	E	X	X	X	X	None	3a
COARUA35_A	DeWeese Reservoir.	334.30	C1	E	F	N	F	I	DO	5
COARUA36_A	All lakes and reservoirs tributary to the mainstem of Currant Creek (Park County) from the source to the confluence with Tallahassee Creek, except lakes and reservoirs tributary to Cottonwood Creek (Fremont County) from a point immediately below the confluence with North Waugh Creek to the intersection with F6 Road. All lakes and reservoirs tributary to the mainstem of Middle Tallahassee Creek from the source to the intersection with Road 23.	12.70	C1	E	X	X	X	X	None	3a
COARUA37_A	All lakes and reservoirs tributary to the mainstem of Fourmile Creek from the source to the confluence with the Arkansas River. This segment includes Wrights Reservoir.	162.44	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COARUA38_A	All lakes and reservoirs tributary to the mainstem of East and West Beaver Creeks from the source to the confluence with Beaver Creek. This segment includes Bison Reservoir; excluding Skagway Reservoir	588.78	C1	E	X	X	X	X	None	3a
COARUA38_B	Skagway Reservoir	115.96	C1	E	F	F	X	I	None	3b
COARUA39_A	All lakes and reservoirs tributary to the mainstem of Eightmile Creek from the source to the mouth of Phantom Canyon.	0.91	C1	E	U	U	U	U	None	3a
COARUA40_A	Brush Hollow Reservoir.	93.72	W1	E	F	N	X	F	Fish-Hg	5
COGULD07_A	All lakes and reservoirs tributary to the Dolores River, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, and within national forest boundaries. This segment includes Long Park Reservoir, Cabin Reservoir, Beef Trail Reservoir, Dry Lake, Glade Lake, Glade Point Reservoir, Arrowhead Lake, Morrison Lake, Old Dunham Reservoir, Belmear Lake, Buckeye Reservoir, Black Pine Reservoir, Casto Reservoir, and Big Creek Reservoir.	275.14	C1	E	X	X	X	X	None	3a
COGULD08_A	All lakes and reservoirs tributary to the Dolores River, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, and not within national forest boundaries.	82.01	W2	E	X	X	X	NA	None	3a
COGULG09_A	Fruitgrowers Reservoir.	101.85	W2	E	F	T	X	NA	DO	4a
COGULG13_A	Crawford Reservoir.	364.91	W1	E	F	N	X	NA	DO	5
COGULG14_A	All lakes and reservoirs tributary to the Gunnison River from Crystal Reservoir to the confluence with the Colorado River, excluding Eggleston Reservoir .	2873.76	C1	E	U	U	U	U	None	3a
COGULG14_B	Upper Eggleston Reservoir.	30.22	C1	E	F	N	U	F	Fe-Trec	5
COGULG15_A	Island Lake, Eggleston Lake, and Trickle Park Reservoir (aka Park Reservoir).	392.18	C1	E	F	F	U	F	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGULG16_A	All lakes and reservoirs that are tributary to the Gunnison River from the outlet of Crystal Reservoir to the confluence with the Colorado River and not within national forest boudaries, excluding Jatz Bottomlands.	296.93	W1	E	F	F	F	F	None	1
COGULG16_B	Jatz Bottomlands.	23.55	W1	E	F	I	X	F	None	3b
COGULG17_A	All lakes and reservoirs tributary to the Smith Fork, and within national forest boundaries excluding the listings in Segment 18. All lakes and reservoirs tributary to Doug Creek.	10.23	C1	E	X	X	X	X	None	3a
COGULG18_A	All lakes and reservoirs tributary to the Smith Fork, and are within the West Elk Wilderness Area.	1.36	C1	E	X	X	X	X	None	3a
COGULG19_A	All lakes and reservoirs tributary to the Smith Fork, which are not within national forest boundaries, excluding the listings in Segment 17. This segment includes Gould Reservoir.	327.70	W2	P	X	X	X	X	None	3a
COGUNF07_A	Overland Reservoir.	234.05	C1	E	F	I	X	F	None	3b
COGUNF07_B	Paonia Reservoir	317.63	C1	E	F	I	X	F	None	3b
COGUNF08_A	All lakes and reservoirs that are tributary to the North Fork of the Gunnison River and within the West Elk or Raggeds Wilderness areas.	26.27	C1	E	X	X	X	X	None	3a
COGUNF09_A	All lakes and reservoirs tributary to Muddy Creek, Paonia Reservoir or Coal Creek, tributary to the North Fork of the Gunnison River from its inception to the confluence with the Gunnison River, excluding Island Lake.	599.98	C1	E	X	X	X	X	None	3a
COGUNF09_B	Island Lake.	6.73	C1	E	F	I	X	F	None	3b
COGUNF10_A	All lakes and reservoirs tributary to Roatcap Creek and Jay Creek from their sources to their confluences with the North Fork of the Gunnison River. All lakes and reservoirs tributary to Hubbard Creek, Terror Creek, Minnesota Creek, or Leroux Creek, and are not within national forest boundaries.	116.81	C1	P	X	X	X	X	None	3a

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

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			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUNF11_A	All lakes and reservoirs tributary to the North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Coal Creek to the confluence with the Gunnison River, and not within national forest boundaries, except for the specific listings in Segments 7, 9, and 10. This segment includes Roeber Reservoir.	9.51	W2	P	X	X	X	X	None	3a
COGUSM13_A	All lakes and reservoirs tributary to the San Miguel River and within the boundaries of the Lizard Head, or Mount Sneffels Wilderness Areas.	1.45	C1	E	X	X	X	X	None	3a
COGUSM14_A	All lakes and reservoirs tributary to the San Miguel River from its sources to a point immediately below the confluence of Leopard Creek, excluding the listings in Segments 13, 15, 16, 17 and 20. This segment includes Lake Hope, Cushman Lake, Alta Lakes, Blue Lake, Mud Lake, and Woods Lake.	284.03	C1	E	X	X	X	X	None	3a
COGUSM15_A	All lakes and reservoirs tributary to Ingram Creek from the source to the confluence with the San Miguel River. This segment includes Ingram Lake.	2.90	C2	E	X	X	X	NA	None	3a
COGUSM16_A	All lakes and reservoirs tributary to Marshall Creek from the source to the confluence with the San Miguel River. This segment includes Thorne Lake.	1.19	C2	E	X	X	X	NA	None	3a
COGUSM17_A	All lakes and reservoirs tributary to the Howard Fork from a point immediately below the confluence of Swamp Gulch to the confluence with the South Fork of the San Miguel River.	1.37	C1	E	X	X	X	NA	None	3a

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUSM18_A	All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the confluence with the Dolores River, and that are within Uncompahgre National Forest boundaries. This segment includes Hoffman Reservoir, Paxton Reservoir, and Hotchkiss Reservoir.	70.56	C1	E	X	X	X	X	None	3a
COGUSM19_A	All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the Dolores River, and not within Uncompahgre National Forest boundaries, excluding the listings in Segment 19. This segment includes Point Reservoir, Palmers Lake, Williams Reservoir, and Lilylands Reservoir.	173.34	C1	E	X	X	X	X	None	3a
COGUSM20_A	Trout Lake, Gurley Reservoir, Cone Reservoir, excluding Miramonte Reservoir.	629.19	C1	E	X	X	X	X	None	3a
COGUSM20_B	Miramonte Reservoir	378.62	C1	E	F	N	F	F	DO	5
COGUUG33_A	All lakes and reservoirs that are tributary to the Gunnison River and within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Raggeds, Fossil Ridge, or Uncompahgre Wilderness Areas.	47.73	C1	E	X	X	X	X	None	3a
COGUUG34_A	All lakes and reservoirs tributary to the Taylor River and the East River, from their sources to their confluence at the inception of the Gunnison River, excluding the listings in Segments 33, 35 and 37. This segment includes Meridian Lake, Nicholson Lake, Peanut Lake, Lake Grant, Lily Pond, Pothole Reservoirs 1 and 2, Texas Lake, Mirror Lake, and Spring Creek Reservoir.	453.35	C1	E	X	X	X	X	None	3a

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

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			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUG36_A	All lakes and reservoirs tributary to Gunnison River from its inception at the confluence of the Taylor and East Rivers, to the inlet of Blue Mesa Reservoir, excluding the listings in Segment 33. This segment includes Kenny Moore Reservoir, Hot Springs Reservoir, Needle Creek Reservoir, Vouga Reservoir, Moss Lake, Dome Lakes, and McDonough Reservoirs 1 and 2.	322.68	C1	E	X	X	X	X	None	3a
COGUUG37_A	All lakes and reservoirs tributary to Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect them, excluding the listings in Segments 33 and 37. This segment includes Fish Creek Reservoirs 1 and 2, Hampton Lake, High Park Lake, Watson Lake, Butte Lake, Swanson Lake, Fitzpatrick Lake, Dry Lake, Devils Lake, Powderhorn Lakes, Soderquist Reservoir, Rainbow Lake, Cataract Lake, Castle Lakes, Crystal Lake, and Waterdog Lake.	471.55	C1	E	X	X	X	X	None	3a
COGUUG38_A	Lake San Cristobal, Taylor Park Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir, and Silver Jack Reservoir.	12539.44	C1	E	X	X	X	X	None	3a
COGUUN14_A	East and West Forks of Horsefly Creek, including all tributaries and wetlands, from their sources to a point immediately above their confluence. Happy Canyon Creek, including all tributaries and wetlands, from the source to the most downstream national forest boundary.	46.32	C2	P	X	X	X	NA	None	3a
COGUUN16_A	All lakes and reservoirs tributary to the Uncompahgre River and within the Mt. Sneffels or Uncompahgre Wilderness Areas.	24.58	C1	E	U	U	U	U	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COGUUN17_A	All lakes and reservoirs tributary to the Uncompahgre River from the source to a point immediately below the confluence with Dexter Creek, except for specific listings in Segments 16. This segment includes Lake Como, Ptarmigan Lake, Crystal Lake, and Lake Lenore.	35.13	C1	E	U	U	U	U	None	3a
COGUUN18_A	All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the confluence with Dexter Creek to a point immediately below the South Canal near Uncompahgre, excluding the listings in Segment 16 and 19. All lakes and reservoirs tributary to the East Fork of Dry Creek or the West Fork of Dry Creek from their sources to their confluence. This segment includes Black Lake, Blue Lakes, Ulah Brown Spring, Lake Otonawanda, West Lake, Dry Lake, Elephant Reservoir, Buckhorn Lakes, Silesca Pond and Olathe Reservoirs 1 and 2.	107.28	C1	P	U	U	U	U	None	3a
COGUUN19_A	Ridgway Reservoir.	528.00	C1	E	F	I	F	NA	None	3b
COGUUN20_A	Sweitzer Lake (a.k.a. Garnet Mesa Reservoir).	125.22	W1	E	F	N	F	NA	Se-D	5
COGUUN21_A	All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the South Canal near Uncompahgre to the confluence with the Gunnison River, excluding the listings in Segments 20 and 18.	163.35	W2	P	U	U	U	NA	None	3a
COLCLC09b_A	All lakes and reservoirs tributary to the Colorado River from the confluence of the Colorado and the Roaring Fork River to a point immediately below the confluence of the Colorado River and Parachute Creek, and all lakes and reservoirs within the White River National Forest or the Grand Mesa National Forest, except for the specific listing in segment 20.	262.42	C1	E	X	X	X	X	None	3a
COLCLC13c_A	Walker Wildlife Area Ponds.	117.18	W1	E	F	N	X	NA	Se-D	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply
I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLC19_A	All lakes and reservoirs tributary to Colorado River from below confluence of Colorado River and Parachute Creek to Colorado-Utah border, including Highline Reservoir, except for specific listings in segments 9b, 13c, 20, and 21.	1010.41	W1	E	F	F	F	NA	None	1
COLCLC19_B	West Pond Orchard Mesa Wildlife Area	2.98	W1	E	F	N	X	NA	Se-D	5
COLCLC19_C	Maggio Pond and Peters Ponds 1,2,3,& 4	20.30	W1	E	F	I	F	NA	None	3b
COLCLC20_A	Harvey Gap Reservoir, and Vega Reservoir	1071.89	C1	E	X	X	X	X	None	3a
COLCLC20_B	Rifle Gap Reservoir	315.70	C1	E	F	N	F	I	Fish-Hg	5
COLCLC21_A	All lakes and reservoirs tributary to Roan Creek from the source to a point just below the confluence with Clear Creek. All lakes and reservoirs tributary to Rapid Creek from the source to the confluence with the Colorado River. All lakes and reservoirs tributary to the Little Dolores River from the source to a point immediately below the confluence with Hay Press Creek. All lakes and reservoirs tributary to Plateau Creek and within the Grand Mesa National Forest.	1782.57	C1	U	X	X	X	X	None	3a
COLCLY23_A	All lakes and reservoirs tributary to the Yampa River, from a point just below the confluence with Elkhead Creek to a point just below the confluence with the Little Snake River except for the specific listings in segments 24-32. This segment includes Martin Cull Reservoir, and OVO Reservoir.	477.85	W1	U	X	X	X	NA	None	3a
COLCLY24_A	Freeman Reservoir and Aldrich Lakes.	80.78	C1	E	X	X	X	NA	None	3a
COLCLY25_A	All lakes and reservoirs tributary to Fortification Creek from the source to the confluence of the North and South Forks. All lakes and reservoirs tributary to Little Cottonwood Creek from the source to the confluence with Fortification Creek, except for the specific listing in segment 24. All lakes and reservoirs tributary to Little Bear Creek from the source to the confluence with the Dry Fork.	0.24	C1	U	X	X	X	X	None	3a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY26_A	All lakes and reservoirs tributary to Fortification Creek, including Ralph White Lake, except for specific listings in segments 24 and 25.	72.35	W1	U	X	X	X	NA	None	3a
COLCLY27_A	All lakes and reservoirs tributary to Milk Creek from Thornburgh (County Rd 15) to the confluence with the Yampa River, including Wilson Reservoir.	40.54	W1	U	X	X	X	X	None	3a
COLCLY29_A	All lakes and reservoirs tributary to the East and South Forks of the Williams Fork River, and lakes and reservoirs tributary to the mainstem of the Williams Fork River, from the source to the Highway 13/789 bridge at Hamilton, except for the specific listings in segment 28.	134.68	C1	E	X	X	X	X	None	3a
COLCLY30_A	All lakes and reservoirs tributary to Milk Creek from the source to Thornburgh (County Rd 15). All lakes and reservoirs tributary to Morapos Creek from the source to the confluence with the Williams Fork River.	4.01	C1	U	X	X	X	NA	None	3a
COLCLY31_A	All lakes and reservoirs tributary to Slater Creek, from the source to a point just below the confluence with Second Creek, including Slater Creek Lake. All lakes and reservoirs tributary to Fourmile and Willow Creeks from their sources to the boundary of the Routt National Forest.	70.22	C1	U	X	X	X	X	None	3a
COLCLY32_A	All lakes and reservoirs tributary to the Yampa River from a point just below the confluence with the Little Snake River to the confluence with the Green River. All lakes and reservoirs tributary to the Green River in Colorado, including Hog Lake, except for specific listings in segment 33.	385.55	W1	E	X	X	X	NA	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COLCLY33_A	All lakes and reservoirs tributary to Beaver Creek from the source to the confluence with the Green River. All lakes and reservoirs tributary to Vermillion Creek from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek.	94.45	C1	U	X	X	X	X	None	3a
COLCWH10a_A	All lakes and reservoirs tributary to the White River, from the confluence of the North and South Forks of the White River to a point immediately above the confluence of the White River and Piceance Creek, except for specific listing in Segments 11, 25 and 27.	128.02	C1	E	X	X	X	X	None	3a
COLCWH11_A	Taylor Draw Reservoir (a.k.a. Kenney Reservoir)	414.73	W1	E	F	F	X	F	None	2
COLCWH11_B	Rio Blanco Lake	117.40	W1	E	F	N	X	F	pH	5
COLCWH13d_A	Violett Springs Ponds.	0.50	C2	P	U	U	U	NA	None	3a
COLCWH24_A	All lakes and reservoirs tributary to the White River, which are within the boundaries of the Flat Tops Wilderness Area, including Trappers Lake.	1176.17	C1	E	X	X	X	X	None	3a
COLCWH25_A	Lake Avery (a.k.a Big Beaver Reservoir).	201.10	C1	E	F	F	X	NA	None	2
COLCWH26_A	All lakes and reservoirs tributary to the North and South Forks of the White River, from the Flat Tops Wilderness Area boundary to the confluence with the North and South Forks of the White River.	80.06	C1	U	X	X	X	X	None	3a
COLCWH27_A	All lakes and reservoirs tributary to the White River, from a point immediately above the confluence with Piceance Creek to the Colorado/Utah border, except for the specific listings in segments 11 and 13d.	128.57	W1	U	X	X	X	NA	None	3a
CORGAL08_A	Terrace Reservoir.	141.56	C2	E	F	T	X	NA	Cu-D, Fe-Trec	4a
CORGAL23_A	All lakes and reservoirs tributary to the Alamosa River or the Conejos River, and within the South San Juan Wilderness area.	277.74	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGAL24_A	All lakes and reservoirs tributary to the Alamosa River from the source to a point immediately above the confluence with Alum Creek, excluding the specific listings in segment 23.	14.73	C1	E	X	X	X	X	None	3a
CORGAL25_A	All lakes and reservoirs tributary to La Jara Creek from the source to a point immediately above the confluence with Hot Creek, except La Jara Reservoir	202.88	C1	E	F	N	X	NA	DO	5
CORGAL25_B	La Jara Reservoir	712.46	C1	E	F	F	F	NA	None	1
CORGAL26_A	All lakes and reservoirs tributary to the Conejos River from the source to a point immediately above the confluence with Fox Creek, excluding the specific listings in segments 23 and 30.	49.65	C1	E	X	X	X	X	None	3a
CORGAL27_A	All lakes and reservoirs tributary to the Rio de Los Pinos and within Colorado, excluding the specific listings in segment 23. All lakes and reservoirs tributary to the Rio Chama and within Colorado, excluding the specific listings in segment 23.	77.01	C1	E	X	X	X	X	None	3a
CORGAL28_A	All lakes and reservoir tributary to the Alamosa River, La Jara Creek, or Conejos River, and within the boundaries of the Rio Grande National Forest, excluding the specific listings in segments 23 through 27.	180.67	C1	E	X	X	X	X	None	3a
CORGAL29_A	All lakes and reservoirs tributary to the Alamosa River, La Jara Creek, or Conejos River, excluding the specific listings in segments 23 through 28, and 30.	128.75	W2	E	X	X	X	NA	None	3a
CORGAL30_A	Platoro Reservoir.	416.12	C1	E	F	I	F	F	None	3b
CORGCB15_A	All lakes and reservoirs tributary to the Closed Basin, and within the La Garita Wilderness Area.	16.41	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGCB16_A	All lakes and reservoirs tributary to La Garita Creek from the source to 38 Road. All lakes and reservoirs tributary to Carnero Creek from the source to 42 Road. All lakes and reservoirs tributary to Kerber Creek from the source to a point immediately above the Cocomongo Mill site. All lakes and reservoirs tributary to San Luis Creek, from the source to a point immediately below the confluence with Piney Creek. All lakes and reservoirs tributary to Saguache Creek from the boundary of the La Garita Wilderness Area to Hwy 285.	53.54	C1	E	X	X	X	X	None	3a
CORGCB17_A	All lakes and reservoirs within the Closed Basin and within the Rio Grande National Forest boundaries, excluding the specific listings in segments 15 and 16.	5.23	C1	E	X	X	X	X	None	3a
CORGCB18_A	All lakes and reservoirs within the Closed Basin, excluding the specific listings in segments 16,17, 19 and 20.	3190.61	W2	E	X	X	X	X	None	3a
CORGCB19_A	San Luis Lake.	530.02	C1	E	F	N	X	NA	Fe-Trec, NH3	5
CORGCB20_A	Head Lake.	203.65	C2	E	X	X	X	NA	None	3a
CORGRG32_A	All lakes and reservoirs tributary to the Rio Grande, and within the Weminuche Wilderness Area.	249.69	C1	E	X	X	X	X	None	3a
CORGRG33_A	All lakes and reservoirs tributary to the Rio Grande from the source to the Hwy 112 bridge near Del Norte, excluding the specific listings in segments 32 and 38. All lakes and reservoirs tributary to San Francisco Creek from the source to a point immediately below confluence with Spring Branch. Except Alberta Park Reservoir.	1040.05	C1	E	X	X	X	X	None	3a
CORGRG33_B	Alberta Park Reservoir	34.12	C1	E	F	I	X	F	None	3b

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
CORGRG34_A	All lakes and reservoirs tributary to Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, or Dry Creek, and within the boundaries of the Rio Grande National Forest. All lakes and reservoirs tributary to Rock Creek from the source to the Monte Vista Canal.	5.87	C1	E	X	X	X	X	None	3a
CORGRG35_A	All lakes and reservoirs tributary to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the specific listings in segments 34, 36, 37, 38 and 39.	2149.97	W2	E	F	F	X	NA	None	2
CORGRG36_A	All lakes and reservoirs tributary to Ute Creek from the source to Hwy 160. All lakes and reservoirs tributary to Sangre de Cristo Creek, from the source to Hwy 159. All lakes and reservoirs tributary to Trinchera Creek from the source to the inlet of Mountain Home Reservoir. All lakes and reservoirs tributary to Rito Seco from the source to Salzar Reservoir. All lakes and reservoirs tributary to Culebra Creek from the source to Hwy 159 excluding the specific listing in segment 37. All lakes and reservoirs tributary to Costilla Creek, and within Colorado.	73.95	C1	E	X	X	X	X	None	3a
CORGRG37_A	Sanchez Reservoir.	743.23	W1	E	F	T	F	I	Fish-Hg	4a
CORGRG38_A	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir, Rio Grande Reservoir, Beaver Creek Reservoir, Mountain Home Reservoir,	1989.58	C1	E	F	F	F	F	None	1
CORGRG38_B	Smith Reservoir	673.00	C1	E	F	I	F	F	None	3b
CORGRG38_C	Big Meadows Reservoir	114.23	C1	E	F	F	X	I	None	3b
CORGRG38_D	Road Canyon Reservoir	132.18	C1	E	F	I	X	I	None	3b
COSJAF12b_A	Lemon Reservoir.	626.22	C1	E	F	F	X	F	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJAF16_A	All lakes and reservoirs tributary to the Animas River and Florida River which are within the Weminuche Wilderness Area. This segment includes Lillie Lake, Castilleja Lake, City Reservoir, Emerald Lake, Ruby Lake, Balsam Lake, Garfield Lake, Vestal Lake, Eldorado Lake, Highland Mary Lakes, Verde Lakes, Lost Lake, and Crater Lake.	289.00	C1	E	X	X	X	X	None	3a
COSJAF17_A	All lakes tributary to Arrastra Gulch from the source to the confluence with the Animas River. This segment includes Silver Lake.	27.21	C2	E	X	X	X	NA	None	3a
COSJAF18_A	All lakes and reservoirs tributary to Cinnamon Creek, Grouse Creek, Picayne Gulch, Minnie Gulch and Eureka Gulch. All lakes and reservoirs tributary to the Animas River from immediately above Maggie Gulch to Elk Park except for those listed under Segments 16, 17,19, and 20. This segment includes Molas Lake, Bullion King Lake, Columbine Lake, Clear Lake, Island Lake, Ice Lake, Fuller Lake and Crystal Lake.	23.42	C1	E	X	X	X	X	None	3a
COSJAF19_A	All lakes and reservoirs tributary to Cement Creek from the source to the confluence with the Animas River.	3.26	C2	E	X	X	X	NA	None	3a
COSJAF20_A	All lakes and reservoirs on the east side of Mineral Creek from the source to a point immediately above the confluence with South Mineral Creek. All lakes and reservoirs tributary to the Middle Fork of Mineral Creek from the source to the confluence with Mineral Creek except for the specific listings in Segment 18.	28.15	C2	E	X	X	X	NA	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJAF21_A	All lakes and reservoirs tributary to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for the specific listing in Segment 12b. All lakes and reservoirs tributary to the Florida River from the source to the outlet of Lemon Reservoir, except the specific listing in Segment 16. This segment includes Little Molas Lake, Andrews Lake, Potato Lake, Scout Lake, Boyce Lake, Columbine Lake, Haviland Lake, Henderson Lake, Ruby Lake, Pear Lake, Webb Lake, Shalona Lake, Stratton Lake, and Wallace Lake.	309.71	C1	E	X	X	X	X	None	3a
COSJAF22_A	Lake Nighthorse.	1492.26	C1	E	X	F	X	X	None	2
COSJAF22_B	Electra Lake.	815.56	C1	E	F	I	X	F	None	3b
COSJAF23_A	All lakes and reservoirs tributary to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 13a and 14; all lakes and reservoirs tributary to the Florida River, from the outlet of Lemon Reservoir to the Southern Ute Indian Reservation boundary. This segment includes Chapman Lake and City Res No 1.	99.31	C2	E	X	X	X	X	None	3a
COSJAF24_A	All lakes and reservoirs tributary to the Animas River, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. This segment includes Pastorius Reservoir.	69.64	C2	E	X	F	X	X	None	2
COSJDO04b_A	Summit Reservoir.	342.99	C1	E	F	F	F	F	None	1
COSJDO04b_B	McPhee Reservoir	4030.38	C1	E	F	N	X	F	Fish-Hg	5
COSJDO12_A	All lakes, and reservoirs tributary to the Dolores River and West Dolores River, which are within the Lizard Head Wilderness area. This segment includes Navajo Lake.	9.10	C1	E	X	X	X	X	None	3a
COSJDO13_A	Groundhog Reservoir.	560.91	C1	E	F	F	X	F	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJDO14_A	All lakes and reservoirs tributary to the Dolores River and West Dolores River, from the source to a point immediately below the confluence with the West Dolores River except for specific listings in Segments 12 and 13.	36.72	C1	E	X	X	X	X	None	3a
COSJDO15_A	All lakes and reservoirs which are tributary to the Dolores River from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segment 4b. This segment includes Campbell Reservoir, Summers Reservoir, Red Lake, and Long Draw Reservoir.	115.99	C2	E	X	X	X	X	None	3a
COSJLP04b_A	Mancos Reservoir (Jackson Gulch Reservoir).	215.21	C1	E	F	F	X	F	None	2
COSJLP11_A	Puett Reservoir	161.81	W1	E	X	F	X	X	None	2
COSJLP11_B	Narraguinnep Reservoir, Totten Reservoir.	791.71	W1	E	F	N	X	F	Fish-Hg	5
COSJLP12_A	All lakes and reservoirs tributary to the La Plata River from the source to the Hay Gulch diversion south of Hesperus.	20.73	C1	E	U	U	U	U	None	3a
COSJLP13_A	All lakes and reservoirs tributary to the La Plata River from the Hay Gulch diversions south of Hesperus to the Southern Ute Indian Reservation boundary.	4.13	W2	P	U	U	U	NA	None	3a
COSJLP14_A	All lakes and reservoirs tributary to the La Plata River from the boundary of the Southern Ute Indian Reservation to the Colorado/New Mexico border. The segment includes Mormon Reservoir.	56.86	W2	E	U	U	U	NA	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJLP15_A	All lakes and reservoirs tributary to the Mancos River from the source of the East, West and Middle Forks to Hwy 160, except for the specific listing in Segment 4b. This segment includes Weber Reservoir, Bauer Lake, Little Bauer Reservoir, Hackley Reservoir, Joe Moore Reservoir, and Coppinger Reservoir.	21.10	C1	E	U	U	U	U	None	3a
COSJLP16_A	All lakes and reservoirs tributary to the Mancos River, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation.	141.63	W2	N	U	U	U	NA	None	3a
COSJLP17_A	All lakes and reservoirs tributary to the Mancos River, from the boundary of the Ute Mountain Indian Reservation to the Colorado/New Mexico border.	19.02	W2	N	U	U	U	NA	None	3a
COSJLP18_A	All lakes and reservoirs tributary to Yellow Jacket Creek, from the source to the confluence with McElmo Creek.	0.89	W1	E	U	U	U	NA	None	3a
COSJLP19_A	All lakes and reservoirs tributary to McElmo Creek from the source to the Colorado/Utah border, except for specific listings in Segments 20. This segment includes Denny Lake.	111.82	W2	E	U	U	U	NA	None	3a
COSJLP20_A	All lakes and reservoirs tributary to McElmo Creek within the Ute Mountain Indian Reservation.	0.62	W2	E	U	U	U	NA	None	3a
COSJLP21_A	All lakes and reservoirs tributary to the San Juan River in Montezuma Dolores and San Miguel Counties except for the specific listings in Segments 4b, and 11 through 20.	3.03	W2	E	U	U	U	NA	None	3a
COSJLP22_A	All lakes and reservoirs tributary to the San Juan River in Montezuma County within the Ute Mountain Indian Reservation except for the specific listings in Segments 17 and 20 and 21.	0.55	W2	E	U	U	U	NA	None	3a
COSJPI07_A	Hatcher Reservoir, Stevens Reservoir, Sullenbuger Reservoir, Village Lake and Forest Lake.	243.10	W1	E	X	X	X	X	None	3a
COSJPI08_A	Williams Creek Reservoir.	344.82	C1	E	F	I	U	F	None	3b

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJPI09_A	All lakes and reservoirs tributary to the Piedra River which are within the Weminuche Wilderness Area. This segment includes Window Lake, Monument Lake, Hossick Lake, and Williams Lakes.	26.96	C1	E	U	U	U	U	None	3a
COSJPI10_A	All lakes and reservoirs which are tributary to the Piedra River, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Devil Creek, except the specific listing in Segment 8. This segment includes Palisade Lake, Martin Lake, and O'Connell Lake.	70.94	C1	E	F	F	F	F	None	1
COSJPI11a_A	All lakes and reservoirs which are tributary to the Piedra River, from a point immediately below the confluence with Devil Creek to the Southern Ute Indian Reservation boundary. This segment includes Capote Lake.	177.65	W2	P	U	U	U	U	None	3a
COSJPI11b_A	All lakes and reservoirs which are tributary to the Piedra River from the Southern Ute Indian Reservation boundary to Navajo Reservoir.	4.90	W2	P	U	U	U	U	None	3a
COSJPN03_A	Vallecito Reservoir.	2655.79	C1	E	F	N	X	F	Fish-Hg	5
COSJPN08_A	All lakes and reservoirs tributary to the Los Pinos River which are within the Weminuche Wilderness Area, except for the specific listing in Segment 9. This includes Granite Lake, Divide Lakes, Elk Lake, Flint Lakes, Moon Lake, Rock Lake, Betty Lake, Lost Lake, Hidden Lake, Vallecito Lake, Eldorado Lake, Trinity Lake, Leviathan Lake, Sunlight Lake, Hazel Lake, and Columbine Lake.	387.96	C1	E	U	U	U	U	None	3a
COSJPN09_A	Emerald Lake.	300.88	C1	E	U	U	U	U	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJPN10_A	All lakes and reservoirs tributary to the Los Pinos River and Vallecito Reservoir from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek (T35N, R7W), except for the specific listing in Segment 3. This segment includes Lake Simpatico.	17.01	C1	E	U	U	U	U	None	3a
COSJPN11a_A	All lakes and reservoirs tributary to the Los Pinos River, from a point immediately below the confluence with Bear Creek (T35N, R7W) to the boundary of the Southern Ute Indian Reservation.	28.57	C2	E	U	U	U	NA	None	3a
COSJPN11b_A	All lakes and reservoirs tributary to the Los Pinos River, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. This segment includes Harper Pond.	34.12	C2	E	U	U	U	NA	None	3a
COSJSJ08_B	Echo Canyon Reservoir.	115.75	W1	E	F	N	U	F	DO, Fish-Hg	5
COSJSJ08_C	Navajo Reservoir.	2605.00	W1	E	F	I	X	F	None	3b
COSJSJ13_A	All lakes and reservoirs that are tributary to the mainstem of the Navajo River and the Little Navajo River, from the boundary of the South San Juan Wilderness Area to the Colorado/New Mexico border, except for specific listings in Segment 14. This segment includes Gardner Lake, Fall View Lake, Hidden Lake, Dolomite Lake, Bull Elk Pond, Price Lakes, and Spence Reservoir.	33.74	C1	E	U	U	U	U	None	3a
COSJSJ14_A	All lakes and reservoirs that are tributary to the Navajo River and the Little Navajo River, from the San Juan Chama diversions to the confluence with the San Juan River.	0.45	W2	P	U	U	U	NA	None	3a
COSJSJ15a_A	All lakes and reservoirs which are tributary to the Rio Blanco, from the boundary of South San Juan Wilderness Area to the Southern Ute Indian Reservation boundary. This segment includes Harris Lake, Buckles Lake, and Crescent Lake.	65.63	C1	E	U	U	U	U	None	3a

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSJSJ15b_A	All lakes and reservoirs which are tributary to the Rio Blanco, from the boundary of the Southern Ute Indian Reservation to the confluence with the San Juan River.	1.02	C1	E	U	U	U	U	None	3a
COSJSJ16_A	All lakes and reservoirs which are tributary to the San Juan River, Rio Blanco, and Navajo River and located within the Weminuche Wilderness Area and South San Juan Wilderness Area. This segment includes Archuleta Lake, Spruce Lakes, Turkey Creek Lake, Fourmile Lake, Upper Fourmile Lake, Crater Lake, Quartz Lake, Fish Lake, and Opal Lake.	100.07	C1	E	U	U	U	U	None	3a
COSJSJ17_A	All lakes and reservoirs that are tributary to the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to the confluence with Fourmile Creek. This segment includes Born Lake, Hatcher Lakes, T Lazy T Reservoir, and Lost Lake.	56.36	C1	E	U	U	U	U	None	3a
COSJSJ18a_A	All lakes and reservoirs tributary to the San Juan River from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation boundary, except for the specific listings in Segment 8.	36.70	W1	E	U	U	U	NA	None	3a
COSJSJ18b_A	All lakes and reservoirs which are tributary to the San Juan River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 8.	30.47	W1	E	U	U	U	NA	None	3a
COSJSJ19_A	All lakes and reservoirs in Archuleta County which are tributary to the San Juan River, except for specific listings in Segment 18b. All lakes and reservoirs which are tributary to Coyote Creek from its source to the Colorado/New Mexico border.	13.63	W2	E	U	U	U	NA	None	3a
COSPBD02_A	Standley Lake.	1202.47	W1	E	F	F	F	F	None	1
COSPBD03_A	Great Western Reservoir.	140.02	W2	N	F	F	F	F	None	1

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBD05_A	North Walnut Creek from the western edge of the Central Operable Unit and South Walnut Creek from its source, including all tributaries, lakes, reservoirs and wetlands, to the eastern boundary of the Central Operable Unit and Pond C-2 on Woman Creek.	1.49	W2	N	F	F	X	F	None	2
COSPBD07_A	Lakes and reservoirs in the Big Dry Creek system from the source to the confluence with the South Platte River, except for specific listings in Segments 2, 3, and 5.	1199.93	W2	P	X	X	X	X	None	3a
COSPBE01C_A	Bear Creek Reservoir.	116.59	C1	E	F	N	X	F	Chlor A, TP	5
COSPBE01D_A	Evergreen Lake.	37.75	C1	E	X	F	X	X	None	2
COSPBE08_A	Lakes and reservoirs in the Bear Creek system from the sources to the boundary of the Mt. Evans Wilderness area.	67.67	C1	E	X	X	X	X	None	3a
COSPBE09_A	Lakes and reservoirs in the Bear Creek system from the boundary of the Mt. Evans Wilderness area to the inlet of Evergreen Lake.	0.42	C1	E	X	X	X	X	None	3a
COSPBE10_A	Lakes and reservoirs in drainages of Swede Gulch, Sawmill Gulch, Troublesome Gulch, and Cold Springs Gulch from source to confluence with Bear Creek.	3.67	C2	E	X	X	X	X	None	3a
COSPBE11_A	Lakes and reservoirs in the Bear Creek system, from the outlet of Evergreen Lake to the confluence with the South Platte River, except for Harriman Reservoir, and Segments 1c, 10, and 12; includes Soda Lakes.	393.79	W2	E	X	X	X	X	None	3a
COSPBE11_B	Harriman Reservoir.	58.54	W2	E	F	I	X	I	None	3b
COSPBE12_A	Lakes and reservoirs in the Turkey Creek system from the source to the inlet of Bear Creek Reservoir.	7.16	C2	E	X	X	X	X	None	3a
COSPBO13_A	All lakes and reservoirs tributary to Boulder Creek that are within the boundary of the Indian Peaks Wilderness Area.	132.99	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBO14_A	All lakes and reservoirs tributary to Boulder Creek from the source to a point immediately above the South Boulder Creek confluence, except as specified in Segment 13. This segment includes Lakewood Reservoir.	378.71	C1	E	F	F	F	F	None	1
COSPBO14_B	Barker Reservoir.	196.40	C1	E	F	N	F	N	Cu-D, As-T	5
COSPBO15_A	All lakes and reservoirs tributary to South Boulder Creek from the source to Highway 93. All lakes and reservoirs tributary to Coal Creek from the source to Highway 93. This segment includes Gross Reservoir.	276.26	C2	E	X	X	X	X	None	3a
COSPBO16_A	All lakes and reservoirs tributary to South Boulder Creek system from Highway 93 to the confluence with Boulder Creek. All lakes and reservoirs tributary to Coal Creek system from Highway 93 to the confluence with Boulder Creek.	500.75	W2	E	X	X	X	X	None	3a
COSPBO17_A	All lakes and reservoirs tributary to Boulder Creek from a point immediately below the confluence with South Boulder Creek to the confluence with St. Vrain Creek, except as specified in Segments 15 and 16.	1468.73	W2	E	X	X	X	X	None	3a
COSPBO18_A	Gross Reservior	432.87	C1	E	F	I	X	F	None	3b
COSPBT11_A	Carter Lake.	1119.05	C1	E	F	N	F	N	Fish-Hg, As-T	5
COSPBT12_A	Lake Loveland, Horseshoe Lake	1008.18	W1	E	F	F	F	F	None	1
COSPBT12_B	Boyd Lake	1509.99	W1	E	X	F	X	X	None	2
COSPBT13_A	Berthoud Reservoir, Johnstown Reservoir.	83.37	W2	E	X	X	X	X	None	3a
COSPBT14_A	Welch Reservoir, Boedecker Lake, Lon Hagler Reservoir.	971.13	W1	E	F	F	F	F	None	1
COSPBT14_B	Lonetree Reservoir	468.67	W1	E	F	F	F	F	None	1
COSPBT15_A	All lakes and reservoirs tributary to the Big Thompson River within Rocky Mountain National Park.	432.88	C1	E	F	F	X	F	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPBT16_A	All lakes and reservoirs tributary to the Big Thompson River from the boundary of Rocky Mountain National Park to the Home Supply Canal diversion. This segment includes St. May Lake.	58.99	C1	E	X	X	X	X	None	3a
COSPBT16_B	Lake Estes	137.97	C1	E	F	N	F	F	Cu-D, Pb-D	5
COSPBT17_A	All lakes and reservoirs tributary to the Big Thompson River from the Home Supply Canal diversion to the confluence with the South Platte River, except for specific listings in Segments 12 and 14.	1940.35	W2	E	X	X	X	X	None	3a
COSPBT18_A	All lakes and reservoirs tributary to the Little Thompson River from the source to the Culver Ditch diversion.	283.95	C1	E	X	X	X	X	None	3a
COSPBT19_A	All lakes and reservoirs tributary to the Little Thompson River from the Culver Ditch diversion to the confluence with the Big Thompson River, except for specific listings in Segments 11 and 13.	1395.30	W2	E	X	X	X	X	None	3a
COSPCH02_A	Cherry Creek Reservoir.	857.58	W1	E	F	N	X	F	Chlor A, DO	5
COSPCH05_A	Lakes and reservoirs in the Cherry Creek system from the source of East and West Cherry Creeks to the confluence with the South Platte River, except for specific listings in Segments 2 and 6.	941.46	W2	E	X	X	X	X	None	3a
COSPCH06_A	Lakes and reservoirs in watersheds tributary to Cherry Creek within the City and County of Denver., except for Lollipop Lake	45.07	W2	E	X	X	X	NA	None	3a
COSPCH06_B	Lollipop Lake	4.17	W2	E	F	N	F	NA	DO	5
COSPCL07b_A	Lower Urad Reservoir	8.60	C2	N	NA	X	X	NA	None	3a
COSPCL17a_A	Arvada Reservoir.	186.03	C2	E	F	N	F	F	DO	5
COSPCL20_A	Lakes and reservoirs in the Clear Creek system that are within the boundary of the Mt. Evans Wilderness Area.	34.84	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCL21_A	Lakes and reservoirs in the Clear Creek system from sources to the Farmer's Highline Canal diversion in Golden, CO,, except as specified in Segments 7, 20, 22 and 25. Upper Long Lake.	464.31	C1	E	X	X	X	X	None	3a
COSPCL22_A	Lakes and reservoirs in the North Clear Creek drainage from a point just below the confluence with Chase Gulch to the confluence with Clear Creek.	5.91	C2	U	X	X	X	X	None	3a
COSPCL23_A	Ralston Reservoir	153.40	C2	U	X	X	X	X	None	3a
COSPCL24_A	Lakes and reservoirs in the Clear Creek system from the Farmers Highline Canal diversion in Golden, Colorado to the confluence with the South Platte River, except for specific listings in Segment s 17a, 21 and 23.	1232.17	W1	U	X	X	X	X	None	3a
COSPCL25_A	Guanella Reservoir	58.83	C1	E	X	X	X	NA	None	3a
COSPCP14_A	Horsetooth Reservoir.	1808.92	C1	E	F	N	X	N	Fish-Hg, As-T	5
COSPCP15_A	Watson Lake.	39.32	C1	E	F	F	F	F	None	1
COSPCP16_A	Reservoir #4 (T 9 N, R 68 W), Water Supply Reservoir #3 (T 8 N, R 68 W), Claymore Lake, College Lake, Dixon Reservoir, Robert Benson Lake, Black Hollow Reservoir, Seeley Lake.	1068.83	W1	E	X	X	X	NA	None	3a
COSPCP17_A	All lakes and reservoirs tributary to the Cache La Poudre River within Rocky Mountain National Park and the Rawah, Neota, Comanche Peak, and Cache La Poudre Wilderness Area.	140.65	C1	E	F	F	X	F	None	2
COSPCP18_A	All lakes and reservoirs tributary to the Cache La Poudre River from the boundaries of Rocky Mountain National Park, and the Rawah, Neota, Comanche Peak and Cache La Poudre Wilderness Area to the Monroe Gravity Canal/North Poudre Supply canal diversion.	861.97	C1	E	F	F	U	F	None	2

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPCP19_A	All lakes and reservoirs tributary to the North Fork of the Cache La Poudre River from the source to the inlet of Halligan Reservoir.	891.43	C1	E	X	X	X	X	None	3a
COSPCP20_A	All lakes and reservoirs tributary to the North Fork of the Cache La Poudre River from the inlet of Halligan Reservoir to the confluence with the Cache La Poudre River. This segment includes Halligan Reservoir.	1.80	C2	E	F	F	F	F	None	1
COSPCP20_B	Seaman Reservoir	120.36	C2	E	F	N	X	F	DO	5
COSPCP21_A	All lakes and reservoirs tributary to the Cache La Poudre River from the Monroe Gravity Canal/North Poudre Supply canal diversion to the confluence with the South Platte River, except for specific listings in Segments 14, 15, 16, 19, 20 and 22.	10699.26	W2	E	F	F	X	F	None	2
COSPCP22_A	Fossil Creek Reservoir.	664.17	W2	E	X	X	X	NA	None	2
COSPLA03_A	All lakes and reservoirs tributary to the Laramie River within the Rawah Wilderness Area.	288.79	C1	E	F	F	F	F	None	1
COSPLA04_A	All lakes and reservoirs tributary to the Laramie River from the source to the Colorado/Wyoming border, except for specific listings in Segment 3.	157.67	C1	E	X	X	X	X	None	3a
COSPLS03_A	Prewitt Reservoir, Riverside Reservoir, Empire Reservoir, and Vancil Reservoir.	8234.41	W1	E	F	F	X	F	None	2
COSPLS03_B	North Sterling Reservoir.	2663.25	W1	E	F	N	X	F	DO, Se-D	5
COSPLS03_C	Jumbo Reservoir (Julesburg Reservoir).	1404.86	W1	E	F	I	X	F	None	3b
COSPLS03_D	Jackson Reservoir.	2411.34	W1	E	F	N	X	F	pH	5
COSPLS04_A	All lakes and reservoirs tributary to the South Platte River from the Weld/Morgan County line to the Colorado/Nebraska border, except for specific listings in Segments 3 and 5.	3100.82	W2	P	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPLS05_A	All lakes and reservoirs tributary to the South Platte River north of the South Platte River and below 4,500 feet in elevation in Morgan County, north of the South Platte River in Washington County, north of the South Platte River and below 4,200 feet in elevation in Logan County, north of the South Platte River and below 3,700 feet in elevation in Sedgwick County, and the mainstems of Beaver Creek, Bijou Creek and Kiowa Creek from their sources to the confluence with the South Platte River, except for those specific listings in Segment 3.	2582.90	W2	E	X	X	X	X	None	3a
COSPMS04_A	Barr Lake	1724.23	W2	E	F	T	X	F	DO, pH	4a
COSPMS04_B	Milton Reservoir	1601.79	W2	E	F	N	X	F	NH3, DO, pH	5
COSPMS07_A	All lakes and reservoirs tributary to the South Platte River from a point immediately below the confluence with Big Dry Creek to the Weld/Morgan County line, except for specific listings in the subbasins of the South Platte River, and in Segment 4; except Prospect Lake	7325.64	W2	E	X	X	X	X	None	3a
COSPMS07_B	Prospect Lake	369.43	W2	E	F	N	X	F	NH3, pH	5
COSPMS07_C	Horse Creek Reservoir	702.38	W2	E	F	N	X	F	NH3, pH	5
COSPRE08_A	All lakes and reservoirs tributary to the Republican and Smoky Hill Rivers in Colorado, except for specific listings in Segment 2.	5551.78	W2	U	X	X	X	X	None	3a
COSPRE09_A	Bonny Reservoir, Stalker Lake.	1847.79	W1	E	X	X	X	X	None	3a
COSPSV07_A	Coot Lake, and Left Hand Valley Reservoir, and Spurgeon Reservoir.	153.07	W1	E	F	F	F	F	None	1
COSPSV07_B	Boulder Reservoir	537.00	W1	E	F	F	F	N	As-T	5

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPSV08_A	All lakes and reservoirs tributary to St. Vrain Creek that are within the boundary of the Indian Peaks Wilderness Area and Rocky Mountain National Park.	374.22	C1	E	X	X	X	X	None	3a
COSPSV09_A	All lakes and reservoirs tributary to St. Vrain Creek from sources to Hygiene Road, including Button Rock Reservoir, except as specified in Segment 8.	1389.57	C1	E	X	X	X	X	None	3a
COSPSV10_A	All lakes and reservoirs tributary to Left Hand Creek from sources to Highway 36.	135.42	C1	E	X	X	X	X	None	3a
COSPSV11_A	Barbour Ponds.	54.91	W1	E	X	X	X	X	None	3a
COSPSV12_A	All lakes and reservoirs tributary to Left Hand Creek from Highway 36 to the confluence with St. Vrain Creek, except as specified in Segment 7.	248.11	W2	E	X	X	X	X	None	3a
COSPSV13_A	All lakes and reservoirs tributary to St. Vrain Creek from Hygiene Road to the confluence with the South Platte River, except for Lake Thomas and as specified in Segments 7, 10, 11 and 12.	2087.15	W2	E	X	X	X	X	None	3a
COSPSV13_B	Lake Thomas	179.00	W2	E	F	F	F	F	None	1
COSPUS06b_A	Chatfield Reservoir	1392.66	C1	E	F	F	X	F	None	2
COSPUS16b_A	Aurora Reservoir.	759.51	W1	E	X	X	X	X	None	3a
COSPUS17a_A	Washington Park Lakes, City Park Lakes, except Duck, Ferril, Berkeley, Rocky Mountain, Smith, and Grasmere Lakes.	12.24	W1	E	F	F	F	NA	None	1
COSPUS17a_B	Duck Lake	6.01	W1	E	F	N	N	N	NH3, pH	5
COSPUS17a_C	Ferril Lake	21.65	W1	E	F	N	N	N	pH	5
COSPUS17a_D	Berkeley Lake	30.46	W1	E	F	N	X	NA	As-T, DO, Fish-Hg	5
COSPUS17a_E	Rocky Mountain Lake	23.02	W1	E	F	N	N	N	DO, Fish-Hg, pH	5
COSPUS17a_F	Smith Lake	15.27	W1	E	F	N	F	N	NH3, pH	5
COSPUS17a_G	Grasmere Lake	12.79	W1	E	F	N	F	NA	NH3	5
COSPUS17b_A	Sloan's Lake.	167.75	W1	E	F	F	F	NA	None	1

Attainment Status for Applicable Uses: **F** - Use is fully supported **T** - TMDL completed **N** - Use is not attaining **B** - Category 4b Plan completed **NA** - Use does not apply **I** - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed

Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS17c_A	Bowles Lake, a.k.a. Patrick Reservoir or Bow Mar Lake.	87.85	W1	E	F	F	F	NA	None	1
COSPUS18_A	Lakes and reservoirs within the boundaries of the Lost Creek and Mt. Evans Wilderness areas.	25.91	C1	E	X	X	X	X	None	3a
COSPUS19_A	Lakes and reservoirs in the South Platte River system, except for specific listings in Segment 18. Includes Antero, Spinney Mountain, Elevenmile and Strontia Springs. Excludes Cheesman Reservoir.	9885.79	C1	E	F	F	X	F	None	2
COSPUS19_B	Cheesman Reservoir.	909.12	C1	E	F	I	F	F	None	3b
COSPUS20_A	Lakes and reservoirs in the Plum Creek system within National Forest boundaries; and lakes and reservoirs in the Bear Creek drainage between the National Forest boundary and to the inlet of Perry Park Reservoir (Douglas County).	23.55	C1	E	X	X	X	X	None	3a
COSPUS21_A	Lakes and reservoirs in the Plum Creek system except for specific listings in Segment 20.	60.76	W2	E	X	X	X	X	None	3a
COSPUS22a_A	Lakes and reservoirs in watersheds tributary to the South Platte River from the outlet of Chatfield Reservoir to a point immediately below the confluence with Big Dry Creek, except for specific listings in the subbasins of the South Platte River, and in Segments 16b, 17a, 17b, 17c, 22b, and 23.	1901.44	W2	E	X	X	X	X	None	3a
COSPUS22b_A	Lakes and reservoirs located in the Rocky Mountain Arsenal National Wildlife Refuge	390.17	W2	E	X	X	X	NA	None	2
COSPUS23_A	Lakes and reservoirs in watersheds tributary to the Upper South Platte River and within the City and County of Denver, except for specific listings in the other subbasins of the South Platte River and in Segments 17a and 17b and excluding Barnum, Vanderbilt, Garfield, Harvey, Aqua, Parkfield, Overland, and Houston Lakes.	663.50	W2	E	X	X	X	NA	None	2
COSPUS23_B	Barnum Lake.	7.26	W2	E	F	N	F	NA	DO	5
COSPUS23_C	Vanderbilt Lake.	3.72	W2	E	F	N	F	NA	DO	5

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COSPUS23_D	Garfield Lake.	8.13	W2	E	F	N	F	NA	DO	5
COSPUS23_E	Harvey Lake.	5.80	W2	E	F	I	F	NA	None	3b
COSPUS23_F	Aqua Golf.	1.49	W2	E	F	N	F	NA	pH	5
COSPUS23_G	Parkfield Lake.	9.10	W2	E	F	N	F	NA	DO, pH	5
COSPUS23_H	Overland Lake.	9.98	W2	E	F	F	F	NA	None	1
COSPUS23_I	Houston Lake.	11.51	W2	E	F	F	F	NA	None	1
COUCBL21_A	All lakes and reservoirs within the Eagles Nest and Ptarmigan Peak Wilderness Areas.	588.35	C1	E	X	X	X	X	None	3a
COUCBL22_A	Dillon Reservoir and all lakes and reservoirs in the Blue River drainage above Dillon Reservoir, except for specific listings in Segment 21.	4483.48	C1	E	F	F	F	F	None	1
COUCBL23_A	All lakes and reservoirs in the Blue River drainage below Dillon Reservoir, except for specific listings in Segment 21.	2154.94	C1	E	F	F	F	F	None	1
COUCEA13_A	All lakes and reservoirs within the Gore Range - Eagles Nest and Holy Cross Wilderness Areas.	112.39	C1	E	X	X	X	X	None	3a
COUCEA14_A	All lakes and reservoirs tributary to the Eagle River except for specific listings in Segment 13.	1181.29	C1	E	X	X	X	X	None	3a
COUCNP08_A	All lakes and reservoirs within the Mount Zirkel, Never Summer, and Platte River Wilderness Areas.	403.62	C1	E	F	F	X	F	None	2
COUCNP09_A	Lakes and reservoirs tributary to the North Platte and Encampment Rivers except Big Creek Reservoir, Lake John and North Delaney Lake	3905.49	C1	E	F	F	F	F	None	1
COUCNP09_B	Big Creek Reservoir	458.20	C1	E	F	N	F	U	Fish-Hg	5
COUCNP09_C	Lake John, North Delaney Lake	161.21	C1	E	F	F	X	N	As-T	5
COUCNP09_D	Lake John	702.22	C1	E	F	N	X	N	pH, As-T	5
COUCRF11_A	All lakes and reservoirs within the Maroon Bells/Snowmass, Holy Cross, Raggeds, Collegiate Peaks and Hunter/Fryingpan Wilderness Areas.	763.85	C1	E	X	X	X	X	None	3a

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Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use

Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCRF12_A	All lakes and reservoirs tributary to the Roaring Fork River except for specific listings in Segment 11.	1781.85	C1	E	F	F	F	F	None	1
COUCUC09_A	All tributaries to the Colorado and Fraser Rivers, including all wetlands, within the Never Summer, Indian Peaks, Byers, Vasquez, Eagles Nest and Flat Tops Wilderness Areas.	6.05	C1	E	X	X	X	X	None	3a
COUCUC11_A	All lakes and reservoirs within Rocky Mountain National Park and within the Never Summer, Indian Peaks, Byers, Vasquez, Eagles Nest and Flat Tops Wilderness Areas.	1727.22	C1	E	X	X	X	X	None	3a
COUCUC12_A	Colorado River and tributaries, wetlands, lakes and reservoirs within Arapahoe National Recreation Area except Lake Granby, Willow Creek Reservoir, and Shadow Mountain Reservoir.	774.21	C1	E	F	F	F	F	None	1
COUCUC12_B	Shadow Mountain Reservoir	1281.10	C1	E	F	N	F	N	DO, As-T	5
COUCUC12_C	Lake Granby	7035.59	C1	E	F	F	X	X	None	2
COUCUC12_D	Willow Creek Reservoir	290.45	C1	E	F	F	X	N	Fe-D, Mn-D	5
COUCUC13_A	Lakes and reservoirs tributary to Colorado River from boundary of Rocky Mountain National Park and Arapahoe National Recreation Area to below the confluence with Roaring Fork River, except for specific listings	4109.55	C1	E	X	X	X	X	None	3a
COUCYA21_A	All lakes and reservoirs which are within the Mount Zirkel, Flat Tops and Sarvis Creek Wilderness Areas.	447.50	C1	E	X	X	X	X	None	3a

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Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

AUID	Description	Acres	Use Tiers		Attainment Status for Applicable Uses				Causes of Impairment	IR Category
			AQLtier	RecTier	Ag	AQLife	Rec	WS		
COUCYA22_A	All lakes and reservoirs tributary to the Yampa River from the source to the confluence with Elkhead Creek, except for those listed in Segment 21. All lakes and reservoirs tributary to Elkhead Creek from the source to the confluence with the Yampa River, except for specific listings in Segment 23. All lakes and reservoirs tributary to the Little Snake River, including those on National Forest lands. except Catamount and Elkhead res.	3236.27	C1	E	X	X	X	X	None	3a
COUCYA22_B	Catamount Lake	510.75	C1	E	F	N	F	F	Fish-Hg	5
COUCYA23_A	Elkhead Reservoir	491.81	W1	E	F	N	F	F	Fish-Hg	5

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I - Insufficient data for attainment decision (M&E List) **U** - Attainment status is unknown **X** - Use has not been assessed
Tier for Recreational Uses: **E** - Existing Primary Contact Use **P** - Potential Primary Contact Use **N** - Not Primary Contact Use **U** - Undetermined Use
Tier for Aquatic Life Uses: **C1** - Cold water, Class 1 **C2** - Cold water, Class 2 **W1** - Warm water, Class 1 **W2** - Warm water, Class 2 **None** - No tier defined

Appendix C: Delisting Table

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COARFO07a_B	Willow Springs Ponds #1 & #2	Lake or Reservoir	5.48	Acres	Fish-Pce	Attaining
COARLA01a_A	Mainstem of the Arkansas River from a point immediately above the confluence with Fountain Creek to immediately above the Colorado Canal headgate near Avondale.	River or Stream	20.20	Miles	Se-D	Attaining
COARLA01a_A	Mainstem of the Arkansas River from a point immediately above the confluence with Fountain Creek to immediately above the Colorado Canal headgate near Avondale.	River or Stream	20.20	Miles	SO4	Attaining
COARLA04a_A	Mainstem of Timpas Creek from the source to the Arkansas River.	River or Stream	67.10	Miles	Fe-Trec	Method Change
COARLA07_A	Mainstem of the Purgatoire River from Interstate 25 to the confluence with the Arkansas River.	River or Stream	159.55	Miles	Se-D	Attaining
COARMA04a_A	Mainstem of Wildhorse Creek from the source to the confluence with the Arkansas River.	River or Stream	23.01	Miles	Se-D	Standard Change
COARMA06a_A	Mainstem of the Saint Charles River from a point immediately above the CF&I diversion canal near Burnt Mill to a point immediately upstream of the confluence with Edson Arroyo.	River or Stream	19.83	Miles	Se-D	Attaining
COARMA06b_A	Mainstem of the Saint Charles River from the confluence with Edson Arroyo to the confluence with the Arkansas River.	River or Stream	15.45	Miles	Se-D	Standard Change
COARMA14_A	Mainstem of the Cucharas River from the point of diversion for the Walsenburg public water supply to the outlet of Cucharas Reservoir.	River or Stream	28.09	Miles	Se-D	Attaining
COARUA08b_A	Mainstem of Iowa Gulch from a point immediately below the ASARCO water supply intake to a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch).	River or Stream	2.81	Miles	Cd-D	TMDL
COARUA08b_A	Mainstem of Iowa Gulch from a point immediately below the ASARCO water supply intake to a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch).	River or Stream	2.81	Miles	Pb-D	TMDL

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COARUA08b_A	Mainstem of Iowa Gulch from a point immediately below the ASARCO water supply intake to a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch).	River or Stream	2.81	Miles	Zn-D	TMDL
COARUA23_B	North Fork of Wilson Creek below Independence Mine	River or Stream	1.68	Miles	As-T	Standard Change
COARUA40_A	Brush Hollow Reservoir.	Lake or Reservoir	93.72	Acres	DO	Standard Change
COGULG09_A	Fruitgrowers Reservoir.	Lake or Reservoir	101.85	Acres	DO	TMDL
COGUUG06b_B	Mainstem of Cement Creek from the source to a point immediately above the confluence with Horse Basin Creek.	River or Stream	11.79	Miles	Bugs	Attaining
COGUUG29a_C	Lake Fork of the Gunnison River between Cooper and Silver Creek.	River or Stream	0.69	Miles	Bugs	Attaining
COLCLC10_A	East Rifle Creek from the White River NF boundary to Rifle Gap Reservoir. Rifle Creek from Rifle Gap Reservoir to the Colorado River	River or Stream	118.50	Miles	Se-D	Attaining
COLCLC10_B	West Rifle Creek and tribs	River or Stream	25.79	Miles	Se-D	Attaining
COLCLY02_A	Mainstem of the Yampa River from a point immediately below the confluence with Elkhead Creek to the confluence with the Green River.	River or Stream	168.96	Miles	Fe-Trec	Attaining
COLCLY05_A	Mainstem of Fortification Creek from the confluence of the North Fork and South Fork to the confluence with the Yampa River.	River or Stream	35.22	Miles	Se-D	Attaining
COLCWH14a_B	Piceance Creek from Willow Creek to Hunter Creek	River or Stream	1.89	Miles	Fe-Trec	Error In listing
COLCWH23_A	West Douglas Creek from sources to confluence	River or Stream	223.76	Miles	Bugs	Attaining
CORGAL03b_B	Mainstem of the Alamosa River from immediately above the confluence with the Wightman Fork to Jasper Creek.	River or Stream	3.09	Miles	Cd-D	Attaining
CORGAL08_A	Terrace Reservoir.	Lake or Reservoir	141.56	Acres	Fe-Trec	TMDL
CORGCB09a_B	Squirrel Creek from a point immediately below the confluence with Bear Creek to the confluence with Kerber Creek	River or Stream	1.56	Miles	Cd-D	TMDL
CORGCB09a_B	Squirrel Creek from a point immediately below the confluence with Bear Creek to the confluence with Kerber Creek	River or Stream	1.56	Miles	Cu-D	Error In listing

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
CORGCB09a_B	Squirrel Creek from a point immediately below the confluence with Bear Creek to the confluence with Kerber Creek	River or Stream	1.56	Miles	Fe-Trec	Error In listing
CORGCB09a_B	Squirrel Creek from a point immediately below the confluence with Bear Creek to the confluence with Kerber Creek	River or Stream	1.56	Miles	Zn-D	Error In listing
CORGRG07_B	West Willow Creek below Nelson Creek to East Willow Creek	River or Stream	1.51	Miles	pH	Attaining
CORGRG37_A	Sanchez Reservoir.	Lake or Reservoir	743.23	Acres	DO	Standard Change
COSJAF05a_A	Mainstem of the Animas River, including wetlands, from Bakers Bridge to the Southern Ute Indian Reservation boundary.	River or Stream	26.17	Miles	Temp	Attaining
COSJLP08a_E	Ritter Draw and it's tributaries	River or Stream	4.41	Miles	Bugs	Attaining
COSJLP08c_A	Unnamed tributary to Ritter Draw (confluence at 37.40216,-108.54582).	River or Stream	1.35	Miles	Bugs	Attaining
COSPBD01_A	Mainstem of Big Dry Creek, including all tributaries and wetlands, from the source to Weld County road 8, except for specific listing in Segments 4a, 4b, 5 and 6.	River or Stream	43.47	Miles	Se-D	Attaining
COSPBD01_B	Mainstem of Big Dry Creek From Weld County road 8 to the confluence with the South Platte River	River or Stream	3.97	Miles	Se-D	Attaining
COSPBE01a_B	Bear Creek below Yankee Creek to the inlet of Evergreen Lake	River or Stream	6.45	Miles	Bugs	Attaining
COSPBE02_B	Bear Creek from Kipling Parkway to Wadsworth Boulevard	River or Stream	1.82	Miles	E. coli	Attaining
COSPBE05_B	Swede/Kerr Gulch.	River or Stream	5.87	Miles	E. coli	Attaining
COSPBO09_A	Mainstem of Boulder Creek from a point immediately above the confluence with South Boulder Creek to 107th Street	River or Stream	8.13	Miles	Cd-D	Attaining
COSPBT02_A	Mainstem of the Big Thompson River, including all tributaries and wetlands from UTSD discharge to Ceder Creek, except for the specific listing in Segment 7; mainstem of Black Canyon Creek and Glacier Cree; excluding Fish Creek below Mary's Lake	River or Stream	95.68	Miles	Cd-D	Attaining

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COSPBT02_A	Mainstem of the Big Thompson River, including all tributaries and wetlands from UTSD discharge to Ceder Creek, except for the specific listing in Segment 7; mainstem of Black Canyon Creek and Glacier Cree; excluding Fish Creek below Mary's Lake	River or Stream	95.68	Miles	Zn-D	Attaining
COSPBT02_B	Fish Creek below Marys Lake	River or Stream	3.41	Miles	Cd-D	Attaining
COSPBT02_B	Fish Creek below Marys Lake	River or Stream	3.41	Miles	Zn-D	Attaining
COSPBT02_C	Mainstem of the Big Thompson River, including all tributaries and wetlands, from RMNP to USTD discharge.	River or Stream	29.86	Miles	Cd-D	Attaining
COSPBT02_C	Mainstem of the Big Thompson River, including all tributaries and wetlands, from RMNP to USTD discharge.	River or Stream	29.86	Miles	Zn-D	Attaining
COSPBT02_D	Mainstem of the Big Thompson River, including all tributaries and wetlands, from Ceder Creek to Home Supply Canal	River or Stream	9.52	Miles	Cd-D	Attaining
COSPBT02_D	Mainstem of the Big Thompson River, including all tributaries and wetlands, from Ceder Creek to Home Supply Canal	River or Stream	9.52	Miles	Zn-D	Attaining
COSPBT08_A	Mainstem of the Little Thompson River, including all tributaries and wetlands, from the source to the Culver Ditch diversion.	River or Stream	83.61	Miles	DO	Attaining
COSPBT08_A	Mainstem of the Little Thompson River, including all tributaries and wetlands, from the source to the Culver Ditch diversion.	River or Stream	83.61	Miles	Temp	Standard Change
COSPBT08_B	Mainstem of the Little Thompson River, including all tributaries and wetlands,from source to St. Vrain Supply Canal	River or Stream	15.18	Miles	DO	Attaining
COSPBT08_B	Mainstem of the Little Thompson River, including all tributaries and wetlands,from source to St. Vrain Supply Canal	River or Stream	15.18	Miles	Temp	Standard Change
COSPBT09_A	Mainstem of the Little Thompson River from the Culver Ditch diversion to the confluence with the Big Thompson River.	River or Stream	24.24	Miles	Cu-D	Attaining

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COSPBT10_A	All tributaries to the Little Thompson River, including all wetlands, from the Culver Ditch diversion to the confluence with the Big Thompson River; excluding Big Hollow Creek	River or Stream	22.44	Miles	Se-D	Attaining
COSPBT12_B	Boyd Lake	Lake or Reservoir	1509.99	Acres	Fish-Hg	Attaining
COSPCH03_A	Mainstem of Cherry Creek from the outlet of Cherry Creek Reservoir to Holly street.	River or Stream	5.23	Miles	Se-D	Attaining
COSPCH03_B	Mainstem of Cherry Creek from Holly street to the confluence with the South Platte River.	River or Stream	6.64	Miles	Fe-Trec	Attaining
COSPCH04b_A	Cottonwood Creek, including all tributaries and wetlands, from the source to Cherry Creek Reservoir; excluding Upper Windmill Creek	River or Stream	19.26	Miles	Se-D	Standard Change
COSPCL02b_A	Mainstem of Clear Creek, including all tributaries and wetlands, from the confluence with West Fork Clear Creek to a point just below the confluence with Mill Creek, except for specific listings in Segments 4 through 8.	River or Stream	13.07	Miles	Cd-D	Attaining
COSPCL06_B	Mad Creek	River or Stream	3.42	Miles	Zn-D	Attaining
COSPCL15_A	Mainstem of Clear Creek from Youngfield Street in Wheat Ridge, Colorado, to the confluence with the South Platte River.	River or Stream	12.11	Miles	Mn-D	Attaining
COSPCL17b_A	Mainstem of Ralston Creek, including all tributaries and wetlands, from the source to the inlet of Arvada Reservoir.	River or Stream	39.07	Miles	U-T	Attaining
COSPCP10a_A	Mainstem of the Cache La Poudre River from the Monroe Gravity Canal/North Poudre Supply Canal diversion to Shields Street in Ft. Collins, Colorado.	River or Stream	8.42	Miles	Cu-D	Attaining
COSPCP11_A	Mainstem of the Cache La Poudre River from Shields Street in Ft. Collins to a point immediately above the confluence with Boxelder Creek.	River or Stream	8.05	Miles	Se-D	Attaining
COSPCP12_A	Mainstem of the Cache La Poudre River from a point immediately above the confluence with Boxelder Creek to the confluence with the South Platte River.	River or Stream	38.19	Miles	Se-D	Attaining

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COSPCP13a_B	Dry Creek and all tributaries.	River or Stream	46.60	Miles	Se-D	Attaining
COSPCP14_A	Horsetooth Reservoir.	Lake or Reservoir	1808.92	Acres	Cu-D	Attaining
COSPMS01b_A	Mainstem of the South Platte River from a point immediately below the confluence with St. Vrain Creek to the Weld/Morgan County Line.	River or Stream	51.55	Miles	Se-D	Attaining
COSPMS04_A	Barr Lake	Lake or Reservoir	1724.23	Acres	DO	TMDL
COSPMS04_A	Barr Lake	Lake or Reservoir	1724.23	Acres	pH	TMDL
COSPMS04_B	Milton Reservoir	Lake or Reservoir	1601.79	Acres	DO	TMDL
COSPMS04_B	Milton Reservoir	Lake or Reservoir	1601.79	Acres	pH	TMDL
COSPMS07_B	Prospect Lake	Lake or Reservoir	369.43	Acres	DO	Attaining
COSPMS07_C	Horse Creek Reservoir	Lake or Reservoir	702.38	Acres	DO	Attaining
COSPRE04_A	Mainstem of the Arikaree River from the confluence of the North and South Forks to the Colorado/Kansas border.	River or Stream	87.60	Miles	E. coli	Attaining
COSPSV02a_A	Mainstem of St. Vrain Creek, including all tributaries and wetlands, from the boundary of the Indian Peaks Wilderness Area and Rocky Mountain National Park to the eastern boundary of Roosevelt National Forest.	River or Stream	99.49	Miles	Zn-D	Attaining
COSPSV02b_A	Mainstem of St. Vrain Creek, including all tributaries and wetlands, from the eastern boundary of Roosevelt National Forest to Hygiene Road. Except part of South saint Vrain	River or Stream	35.89	Miles	Cu-D	Attaining
COSPSV03_B	Mainstem of St. Vrain Creek from the confluence with Left Hand Creek to the confluence with Boulder Creek	River or Stream	4.84	Miles	Bugs	Attaining
COSPSV04a_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from the source to Hwy 72, except for specific listings in Segment 4b.	River or Stream	3.53	Miles	pH	TMDL
COSPSV04a_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from the source to Hwy 72, except for specific listings in Segment 4b.	River or Stream	3.53	Miles	Zn-D	TMDL
COSPSV04b_B	Little James Creek	River or Stream	2.85	Miles	Cu-D	TMDL
COSPSV04b_B	Little James Creek	River or Stream	2.85	Miles	Pb-D	TMDL
COSPSV04c_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from a point immediately below the confluence with James Creek to Highway 36.	River or Stream	21.06	Miles	As-T	Error In listing

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COSPSV04c_A	Mainstem of Left Hand Creek, including all tributaries and wetlands, from a point immediately below the confluence with James Creek to Highway 36.	River or Stream	21.06	Miles	Cu-D	TMDL
COSPSV06_A	All tributaries to St. Vrain Creek, including wetlands from Hygiene Road to the confluence with the South Platte River, except for specific listings in the Boulder Creek subbasin and in Segments 4a, 4b, 4c and 5; excluding Dry Creek	River or Stream	58.64	Miles	Se-D	Attaining
COSPUS02a_D	Salt Creek d/s of N. Fork, on USFS Land	River or Stream	16.50	Miles	Temp	Attaining
COSPUS03_B	Trout Creek and tributaries on USFS property	River or Stream	17.07	Miles	Sediment	Attaining
COSPUS10a_C	Mainstems of East Plum Creek from the boundary of National Forest lands to Chatfield Reservoir	River or Stream	27.39	Miles	Mn-D	Attaining
COSPUS17a_B	Duck Lake	Lake or Reservoir	6.01	Acres	DO	Attaining
COSPUS17b_A	Sloan's Lake.	Lake or Reservoir	167.75	Acres	DO	Attaining
COUCEA09b_C	Eagle River from Ute Creek to Rube Creek	River or Stream	3.41	Miles	Temp	Attaining
COUCNP04b_B	Illinois River and it's tributaries	River or Stream	94.24	Miles	Fe-Trec	Attaining
COUCNP09_D	Lake John	Lake or Reservoir	702.22	Acres	DO	Attaining
COUCRF03a_D	Capitol Creek	River or Stream	9.51	Miles	Se-D	Attaining
COUCRF04_A	Mainstem of Brush Creek from the source to the confluence with the Roaring Fork River.	River or Stream	7.09	Miles	Bugs	Attaining
COUCUC03_C	Colorado River from 578 Road Bridge to Gore Canyon	River or Stream	33.70	Miles	Mn-D	Attaining
COUCUC03_D	Colorado River from Gore Canyon to Derby Creek	River or Stream	45.88	Miles	Mn-D	Attaining
COUCUC03_E	Colorado River from Derby Creek to the confluence with the Roaring Fork River	River or Stream	44.17	Miles	Mn-D	Attaining
COUCUC10c_A	Fraser River from below the Hammond Ditch in Town of Fraser to Fraser Canyon near Tabernash	River or Stream	5.17	Miles	Temp	Standard Change
COUCUC10c_A	Fraser River from below the Hammond Ditch in Town of Fraser to Fraser Canyon near Tabernash	River or Stream	5.17	Miles	Fe-D	Standard Change
COUCUC10c_B	Fraser River from Fraser Canyon near Tabernash to the Town of Granby	River or Stream	10.53	Miles	Temp	Standard Change
COUCUC10c_C	From the Town of Granby to confluence with the Colorado River	River or Stream	2.52	Miles	Temp	Standard Change

Assessment Unit-Cause Combinations Removed from 303(d) List						
AUID	**Description**	**Waterbody Type**	**Size**	**Units**	**Cause**	**Reason For Removal**
COUCUC12_C	Lake Granby	Lake or Reservoir	7035.59	Acres	Fish-Hg	Attaining
COUCYA13d_B	Dry Creek from Seneca sample location 8 (WSD5) to just above Temple Gulch	River or Stream	2.07	Miles	Se-D	Standard Change
COUCYA15_B	Mainstem of Elkhead Creek from Calf Creek to Yampa River	River or Stream	23.01	Miles	Bugs	Attaining

Appendix D: 303(d) and Monitoring and Evaluation Lists

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COAR	Arkansas River Basin				
COARFO01a	Fountain Creek and tributaries above Monument Creek	Mainstem	Fe(Trec), U	*E. coli,* Mn, As,	H/L/L
COARFO02a	Fountain Creek, Monument Creek to Hwy 47	all	Fe(Trec)	*E. coli*	H
COARFO02b	Fountain Creek from Hwy 47 to the Arkansas River	all		*E. coli* (May-October)	H
COARFO03a	Tributaries to Fountain Creek within the National Forest or Air Force Academy lands, from Monument Creek to the Arkansas River	West Monument Creek		Aquatic Life (provisional)	L
COARFO03b	Bear Creek, and all tributaries, from the source to a point immediately upstream of Gold Camp Road.	all		Cu	H
COARFO04	All tribs to Fountain Creek, which are not on National Forest or Air Force Academy Land	all		*E. coli*	H
COARFO04	All tribs to Fountain Creek, which are not on National Forest or Air Force Academy Land	Sand Creek		Se	L
COARFO04	All tribs to Fountain Creek, which are not on National Forest or Air Force Academy Land	Little Fountain Creek below Deadman Canyon	Se		
COARFO05	Jimmy Camp Creek and unnamed tributary below Fort Carson and surrounding marshlands	all	Fe(Trec)		
COARFO06	Monument Creek from National Forest to Fountain Creek	all		*E. coli* (May-October), Temperature, Aquatic Life (provisional)	H/M/L
COARLA01a	Arkansas River, Fountain Creek to Colorado Canal headgate	all		*E. coli*	H
COARLA01b	Arkansas River, Colorado Canal headgate to John Martin Reservoir	all		Se, As, Mn	L
COARLA01c	Arkansas River, John Martin Reservoir to stateline	all		Se, U, As, Mn	H/H/L/L
COARLA02a	All tributaries to the Arkansas River from the Colorado Canal headgate to the Colorado/Kansas border	all	SO_4, Mn		
COARLA03a	Mainstem of the Apishapa River, including tribs from source to I-25	all	*E. coli*	Temperature	H
COARLA04a	Apishapa River, Timpas Creek	all		Se, SO_4	L
COARLA04a	Apishapa River, Timpas Creek	Apishapa River	Mn		
COARLA05a	Upper North Fork, Middle Fork, South Fork of the Purgatoire River, including all tributaries.	all		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARLA05b	Lower North, Middle and South Fork of the Purgutoire River, and the mainstem from source to Trinidad Reservoir.	all	Temperature	As	L
COARLA05b	Lower North, Middle and South Fork of the Purgutoire River, and the mainstem from source to Trinidad Reservoir.	Long Canyon	Mn		
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Apache Canyon		Aquatic Life (provisional)	M
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Reilly Canyon	Temperature		
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Sarcillo Canyon	Temperature		
COARLA06b	Wet Canyon and all tributaries from the source to the confluence with the Purgatoire River	all	Temperature		
COARLA07	Purgatoire River, I-25 to Arkansas River	all	Sediment, *E. coli*		
COARLA09a	Mainstem of Adobe Creek and Gageby Creek…	all		Se, As	L/H
COARLA09a	Mainstem of Adobe Creek and Gageby Creek…	Horse Creek	Mn, SO_4	Fe(Trec)	H
COARLA09a	Mainstem of Adobe Creek and Gageby Creek…	Adobe Creek	Fe(Trec)	*E. coli*	H
COARLA09b	Apache Creek, Breckenridge Creek, Little Horse Creek, Bob Creek, Wildhorse Creek, Wolf Creek, Big Sandy Creek, Rule Creek…	all	Mn, SO_4	Se	L
COARLA09b	Apache Creek, Horse Creek, Breckinridge Creek, Little Horse Creek, Bob Creek, Big Sandy Creek, Rule Creek…	Big Sandy Creek		Fe(Trec)	M
COARLA10	Two Buttes Res., Two Buttes Pond, Hasty Lake, Holbrook Res., Burchfield Lake, Nee-Skah (Queens) Res., Adobe Creek Res., Neeso Pah Res., Nee Nosha Res., Nee Gronda Res.	Adobe Creek Res	As	Se	L
COARLA10	Two Buttes Res., Two Buttes Pond, Hasty Lake, Holbrook Res., Burchfield Lake, Nee-Skah (Queens) Res., Adobe Creek Res., Neeso Pah Res., Nee Nosha Res., Nee Gronda Res.	Nee Gronda Res		Se	L
COARLA11	John Martin Reservoir	all		Se	L
COARLA12	Lake Henry, Lake Meredith	Lake Henry	Fe(Trec)	Se	L
COARLA12	Lake Henry, Lake Meredith	Lake Meredith		Se	L
COARLA15	Trinidad Reservoir, Long Canyon Reservoir, and Lake Dorothey	Trinidad Reservoir		Aquatic Life Use (Hg Fish Tissue), D.O. (Temperature)	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARMA02	Mainstem of Arkansas River from the outlet of Pueblo Reservoir to Dry Creek arroyo	all		Temperature	H
COARMA02	Mainstem of Arkansas River from the outlet of Pueblo Reservoir to Dry Creek Arroyo	Mainstem of the Arkansas River from Pueblo Reservoir to Blue Ribbon Creek		Mn	L
COARMA03	Arkansas River from Wildhorse Creek to Fountain Creek	all		Se, As	H/L
COARMA04a	Wildhorse Creek	all	NO_2	*E. coli*	H
COARMA06a	Mainstem of the Saint Charles River from a point immediately above the CF&I diversion canal near Burnt Mill to a point immediately upstream of the confluence with Edson Arroyo.	all	Mn, SO_4		
COARMA06b	Mainstem of the Saint Charles River from the confluence with Edson Arroyo to the confluence with the Arkansas River.	all	SO_4	Mn	L
COARMA07b	Greenhorn Creek, including all tributaries, from San Isabel National Forest boundary to Greenhorn Highline Diversion Dam; Graneros Creek; North Muddy Creek	all	Temperature		
COARMA09	Greenhorn Creek, including tributaries, from Greenhorn Highline Diversion Dam to the St. Charles River	all	Mn	As	L
COARMA10	Sixmile Creek	all		Fe(Trec), Se	L
COARMA11b	Huerfano River, including all tributaries, from 570 Road near Malachite to Highway 69 at Badito	all	As, Mn, Fe(Trec)		
COARMA12	Huerfano River, from Muddy Creek to the Arkansas River	all		Se	L
COARMA14	Cucharas River, from Walsenburg PWS diversion to the outlet of Cucharas Reservoir	all		Fe(Trec)	H
COARMA18a	Boggs Creek	all	Mn, SO_4	Se, Zn, U	H
COARMA26	Horseshoe Lake, Martin Lake (Ohem Lake) and Walsenburg Lower Town Lake.	Horseshoe Lake		Aquatic Life Use (Hg Fish Tissue)	H
COARMA27	Teller Reservoir	all	Aquatic Life Use (Hg Fish Tissue)		
COARUA02c	Mainstem of the Arkansas River from the confluence with the Lake Fork to the confluence with Lake Creek	all		As	H
COARUA04a	Mainstem of the Arkansas River from the Chaffee/Fremont County Line to a point immediately above	all	Temperature	Cu	H
COARUA05	All tributaries to the Arkansas River from the source to immediately below the confluence with Browns Creek	Lake Fork below Sugarloaf Dam to the confluence with the Arkansas River	Aquatic Life, Cd, Mn	Zn	H
COARUA05	All tributaries to the Arkansas River from the source to immediately below the confluence with Browns Creek	Colorado Gulch	Ag, Pb	As, Cd, Cu, Mn, Zn, Fe(dis)	H/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARUA10	Mainstem of Lake Creek and all tributaries from source to Arkansas River	all		pH, D.O.	H
COARUA12a	Mainstem of Chalk Creek from the source to the confluence with the Arkansas River.	all		Cd	H
COARUA14c	Mainstems of North and South Hardscrabble Creeks, including all tributaries , from their sources to their confluences.	North Hardscrabble Creek	Aquatic Life		
COARUA15	Mainstem of Grape Creek and tribs from the source to the outlet of DeWeese Reservoir. Mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks and tribs. Newlin Creek from the National Forest boundary to the City of Florence water diversion.	all	Aquatic Life	As	L
COARUA21a	Mainstem of Cripple Creek from the source to a point 1.5 miles upstream of the confluence with Fourmile Creek.	Squaw Gulch to a point 1.5 miles upstream of the confluence with Fourmile Creek		Aquatic Life (provisional)	L
COARUA24	Mainstem of East and West Beaver Creeks, including all tributaries; mainstem of Beaver Creek from the source to the point of diversion to Brush Hollow Reservoir.	East Beaver Creek below Penrose Reservoir	Mn		
COARUA30	Turquoise Reservoir, Clear Creek Reservoir, Twin Lakes and Mt. Elbert Forebay	Twin Lake West		Cu	H
COARUA35	DeWeese Reservoir	all	As	D.O.	H
COARUA38	All lakes and reservoirs tributary to the mainstem of East and West Beaver Creeks from source to the confluence with Beaver Creek. Skagway and Bison Reservoirs	Skagway Reservoir	Fe(dis), Mn, As		
COARUA40	Brush Hollow Reservoir	all		Aquatic Life Use (Hg Fish Tissue)	H
COGU	Gunnison River Basin				
COGULD02	Dolores River from Little Gypsum Valley bridge to Colorado/Utah border	all	*E. coli*	Fe(Trec), Temperature	H
COGULD03a	All tributaries to the Dolores River from the bridge at Bradfield Ranch to the Colorado/Utah border.	Disappointment Creek	Se, *E. coli*		
COGULD04	Mainstem of West Paradox Creek from the source to the confluence with the Dolores River. Mainstem and all tributaries to Blue Creek from the source to the confluence with the Dolores River.	West Paradox Creek	*E. coli*, Fe(Trec)		
COGULD05	Mainstem of West Creek from the source to the confluence with the Dolores River; Roc Creek; La Sal Creek and Mesa Creek from their sources to their confluences with Dolores River.	Roc Creek	*E. coli*	Cu, Fe(Trec)	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGULD05	Mainstem of West Creek from the source to the confluence with the Dolores River; Roc Creek; La Sal Creek and Mesa Creek from their sources to their confluences with Dolores River.	Mesa Creek and tributaries	As		
COGULG02	Gunnison River, Uncompahgre River to Colorado River	all	Sediment	*E. coli*	H
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Callow Creek	SO_4, *E. coli*		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Cummings Gulch	SO_4		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Whitewater Creek from below Brandon Ditch to confluence with Gunnison River		SO_4, Mn	L
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Wells Gulch	pH		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Peach Valley Creek	Fe(Trec), SO_4		
COGULG04b	All tributaries to Reeder, Hollenbeck, and Juniata Reservoirs, and the mainstem of Kannah Creek below the point of diversion for public water supply	Kannah Creek	SO_4		
COGULG07a	Ward Creek, from the national forest to the confluence with Dirty George Creek	Ward Creek	Se		
COGULG07b	Surface Creek from the diversion of water supply to Tongue Creek; Tongue Creek to the Gunnison River; Youngs Creek from USFS boundary to Kiser Creek; Kiser Creek from the USFS boundary to the confluence with Youngs Creek	Tongue Creek		Se, Fe(Trec)	M
COGULG07b	Surface Creek from the diversion of water supply to Tongue Creek; Tongue Creek to the Gunnison River; Youngs Creek from USFS boundary to Kiser Creek; Kiser Creek from the USFS boundary to the confluence with Youngs Creek	Surface Creek	Pb		
COGULG08	Surface Creek and Kannah Creek, including all tributaries, from the national forest boundary to the point of diversion for public water supply	all	Temperature		
COGULG11b	Tributaries to the Smith Fork	Lunch Creek	Sediment		
COGULG12	All tributaries to the Smith Fork which are not on national forest lands	Muddy Creek	*E. coli*		
COGULG13	Crawford Reservoir	all		D.O. (Temperature)	H
COGULG14	All lakes and reservoirs tributary to the Gunnison River, from Crystal Reservoir to the confluence with the Colorado River	Eggleston Reservoir	pH, Zn	Fe(Trec)	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGULG16	All lakes and reservoirs that are tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and not within national forest boundaries	Jatz Bottomlands	Se		
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	East Muddy Creek	Pb, Se	Fe(Trec)	H
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	Muddy Creek	*E. coli* (May-Oct)		
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	Ruby Anthracite Creek		As	L
COGUNF06a	Tributaries to N. Fork of Gunnison River not on USFS property	Unnamed tributary to North Fork Gunnsion River near Hotchkiss	Se		
COGUNF06a	Tributaries to the North Fork of the Gunnison not on USFS lands	Coal Gulch, Hawksnest Creek, Gribble Gulch	Fe(Trec)		
COGUNF06b	Bear Creek, Reynolds Creek, Bell Creek, McDonald Creek, Cottonwood Creek, Love Gulch, Cow Creek, Dever Creek, German Creek, Miller Creek, Stevens Gulch, Big Gulch, Stingley Gulch and Alum Gulch not on national forest lands from the source to the North Fork of the Gunnison River	Cottonwood Creek	Fe(Trec), Mn, SO_4		
COGUNF06b	Bear Creek, Reynolds Creek, Bell Creek, McDonald Creek, Cottonwood Creek, Love Gulch, Cow Creek, Dever Creek, German Creek, Miller Creek, Stevens Gulch, Big Gulch, Stingley Gulch and Alum Gulch not on national forest lands from the source to the North Fork of the Gunnison River	Alum Gulch	Fe(Trec)	SO_4	L
COGUNF07	Paonia Reservoir and Overland Reservoir	Paonia Reservoir	Zn		
COGUNF09	All lakes and reservoirs tributary to Muddy Creek, Paonia Reservoir, or Coal Creek, tributary to the North Fork of the Gunnison River from its inception to the confluence with the Gunnison River	Island Lake	pH, Zn		
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Bear Creek	Pb	Cd, Zn	H
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Cornet Creek	Pb		
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Howard Fork above Swamp Canyon		pH, D.O.	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUSM03b	Mainstem of the San Miguel River Marshall Creek to South Fork San Miguel River.	all	Pb		
COGUSM04a	Mainstem of the San Miguel River from the South Fork of the San Miguel to below the CC ditch.	From South Fork San Miguel to confluence with Leopard Creek	Pb		
COGUSM06a	Ingram Creek, source to San Miguel River	all	Mn, Cu		
COGUSM06b	Marshall Creek, source to San Miguel River	all	Cu		
COGUSM07	Mainstem of Howard Fork and tributaries Swamp Gulch the South Fork of the San Miguel.	Chapman Creek	Fe(Trec)		
COGUSM07	Mainstem of Howard Fork and tributaries Swamp Gulch the South Fork of the San Miguel.	Iron Bog Creek	pH, D.O.		
COGUSM08	Mainstem of South Fork of San Miguel River from the Howard and Lake Forks to the San Miguel River.	all	Mn		
COGUSM10	Mainstem of Naturita Creek from the Uncompahgre National Forest boundary to its confluence with the San Miguel River, Tabeguache Creek from its source to the confluence with San Miguel River.	Naturita Creek	D.O., *E. coli*, Temperature		
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Mesa Creek	Se		
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Maverick Draw		Aquatic Life (provisional)	L
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	MaKenzie Creek		Aquatic Life (provisional)	L
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Specie Creek	D.O.		
COGUSM12b	All tributaries to the San Miguel River from the confluence of Naturita Creek to the Dolores	all	Temperature		
COGUSM20	Trout Lake, Gurley Reservoir, Cone Reservoir, and Miramonte Reservoir	Miramonte Reservoir		D.O. (Temperature)	H
COGUUG01	All tributaries to the Gunnison River, including and wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Fossil Ridge, or Uncompahgre Wilderness Areas.	Stewart Creek	Fe(Trec)	Aquatic Life	H
COGUUG02	All Tributaries from North Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Marrow Point Reservoir, or the Gunnison River	Willow Creek		Aquatic Life (provisional)	H
COGUUG04	Mainstem of the Taylor River from the source to the confluence with the Gunnison River	Taylor River	Pb	Aquatic Life	

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUG07	Slate River from source to Coal Creek	Below Oh-Be-Joyful Creek		Zn	H
COGUUG08	Slate River, Coal Creek to East River	all		Cd, Zn, Temperature	H
COGUUG09	All tributaries to the Slate River	Coal Creek		As	L
COGUUG10a	Oh-Be-Joyful Creek and tributaries from wilderness to Slate River	all		Cd, Cu, Pb, Zn	H
COGUUG10b	All tributaries, including wetlands, to Redwell Creek.	all	pH	Cd, Cu, Pb, Zn	H
COGUUG11	Coal Creek from Elk Creek to Crested Butte water supply intake, plus Elk Creek	Elk Creek		Cd, Pb, Zn, As	H
COGUUG11	Coal Creek from Elk Creek to Crested Butte water supply intake, plus Elk Creek	Coal Creek		Cd, Zn, As, Mn	H/L
COGUUG12	Coal Creek and tributaries from Crested Butte water supply intake to Slate River	Coal Creek		Cd, Zn, Cu, As	H/L
COGUUG15a	Tributaries to the Gunnison River from the confluence of the East and Taylor Rivers to the inlet of Blue Mesa Reservoir	S. Beaver Creek	Mn, Fe (Dis), Fe(Trec)	Aquatic Life	L
COGUUG16a	Ohio Creek, from the source to a point immediately below 7 Road.	Ohio Creek	*E. coli*		
COGUUG16b	Ohio Creek from a point immediately below 7 Road to the confluence with the Gunnison River.	Ohio Creek	*E. coli*		
COGUUG17a	Antelope Creek including all tributaries and wetlands, from the source to the confluence with Antelope Creek.	all	Mn, *E. coli*		
COGUUG17b	Antelope Creek including all tributaries and wetlands, from the source to the confluence with the Gunnison River, excluding the listings in Segment 17a.	all	Mn, *E. coli*		
COGUUG18b	Tomichi Creek from the confluence with Porphyry Creek to the confluence with the Gunnison River	all		Aquatic Life (provisional)	H
COGUUG19	All tributaries to Tomichi Creek within the boundaries of the Gunnison National Forest, Mainstem of Barret, Hot Springs, Razor and Quartz Creeks from their sources to their confluences with Tomichi Creek	Razor Creek		Aquatic Life (provisional)	H
COGUUG23	Mainstem of Cochetopa Creek and tributaries, from the source to a point immediately below the confluence with West Pass Creek	Cochetopa Creek	Fe(Dis)		
COGUUG24	Mainstem of Cochetopa Creek from West Pass Creek to Tomichi Creek	Cochetopa Creek from Forest Road 3076/Co. Rd. 43 to the confluence with Tomichi Creek		Aquatic Life (provisional)	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUG26	All tributaries to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect those reservoirs	Blue Creek	Cu		
COGUUG26	All tributaries to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect those reservoirs	Crystal Creek		Aquatic Life (provisional)	H
COGUUG29a	Lake Fork of the Gunnison River and tributaries from source to Blue Mesa Reservoir	Lake Fork of the Gunnison River upstream of Cottonwood Creek	Mn, Zn, As, Cd		
COGUUG29a	Lake Fork of the Gunnison River and tributaries from source to Blue Mesa Reservoir	Deadman Creek		pH, Cd, Cu, Mn, Zn, Se, Fe (Trec), Fe (Dis)	H/L
COGUUG29a	Mainstem of the Lake Fork of the Gunnison and tributaries from the source to Blue Mesa Reservoir	Lake Fork of the Gunnison River between Cooper and Silver Creek		Mn	L
COGUUG31	Palmetto Gulch	all	Cu, Ag		
COGUUG32	North Fork of Henson Creek and tributaries from source to Henson Creek	all		Mn	L
COGUUN02	Mainstem of the Uncompahgre River from the source (Poughkeepsie Gulch) to a point immediately above the confluence with Red Mountain Creek.	all	Pb	Mn	L
COGUUN04a	Uncompahgre River, HWY 90 to La Salle Road	all	Sediment		
COGUUN04b	Uncompahgre River, La Salle Road to Confluence Park	all	Sediment		
COGUUN04c	Uncompahgre River, Confluence Park to Gunnison River	all	Sediment, Pb	Fe(Trec)	H
COGUUN06a	Mainstem of Red Mountain Creek from the source to immediately above the confluence with the East Fork of Red Mountain Creek.	all		Ag, Cu	M
COGUUN07	Gray Copper Gulch from source to Red Mountain Creek	all	Fe(Trec), pH	Cu	M
COGUUN08	Mineral Creek, source to Uncompahgre River	all	Cu, Zn		
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Sneffels Creek		Cd, Zn	H
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Canyon Creek	Pb		
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Imogene Creek	Cu	Cd, Zn	M
COGUUN10	All tributaries to the Uncompahgre River from Dexter Creek to the South Canal	Alkali Creek	Se		
COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Billy Creek, Onion Creek	Se		

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COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Deer Creek		Aquatic Life (provisional)	L
COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Cow Creek	SO_4		
COGUUN12	Tributaries to Uncompahgre River, South Canal to Gunnison River	Dry Creek, Loutzenhizer Arroyo		Fe(Trec)	H
COGUUN15b	Dry Creek from East and West Forks to Coalbank Canyon Creek	Dry Creek Watershed	Sediment		
COGUUN19	Ridgway Reservoir	all	Pb, Zn		
COGUUN20	Sweitzer Lake	all		Se	H
COLC	Lower Colorado River Basin				
COLCLC01	Colorado River, Roaring Fork River to Rifle Creek	all	Sediment	Temperature	H
COLCLC01	Colorado River, Roaring Fork River to Rifle Creek	Colorado River from Roaring Fork to Paradise Creek		As	L
COLCLC02a	Colorado River, Rifle Creek to Rapid Creek	all	Sediment		
COLCLC02b	Colorado River, Rapid Creek to Gunnison River	Humphrey Backwater area	As, Mn, SO_4, NO_2	Se	M
COLCLC02b	Colorado River, Rapid Creek to Gunnison River	all	Sediment		
COLCLC03	Colorado River from Gunnison River to stateline	all	Se		
COLCLC04a	Tributaries to Colorado River, Roaring Fork to Parachute Creek except for specific segments	All	Temperature, TP, SO_4	Se	M
COLCLC04a	Tributaries to Colorado River, Roaring Fork to Parachute Creek except for specific segments	Mamm Creek		Fe(Trec)	M
COLCLC04a	South Canyon Creek from hot springs to Colorado River	South Canyon Creek abv Hot Springs	SO_4	Fe(Trec)	H
COLCLC04b	South Canyon Hot Springs	all	D.O., Pb		
COLCLC04c	South Canyon Creek	all	*E. coli* (May-Oct)	As	L
COLCLC04e	Dry Creek and tributaries from source to Last Chance Ditch.	all	Cd, Fe(Trec), Se, Cu		
COLCLC10	East Rifle Creek, West Rifle Creek and Rifle Creek, including tributaries from Rifle Gap to the Colorado River	West Rifle Creek	Fe(Trec), Fe(Dis), SO_4		
COLCLC10	East Rifle Creek, West Rifle Creek and Rifle Creek, including tributaries from Rifle Gap to the Colorado River	all	*E. coli*	As	L
COLCLC13a	Tributaries to the Colorado River from a point below Roan Creek to the Utah border.	Sulphur Gulch	Cu, Pb, Fe(Trec),Se		
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek	Salt Creek		Sediment	L
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek	all		Se, Fe(Trec)	M

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek	Adobe Creek, Leach Creek		*E. coli*	H
COLCLC13c	Walker Wildlife Area Ponds	all		Se	M
COLCLC14b	Clear Creek from Tom Creek to Roan Creek. Roan Creek, including tributaries from Clear Creek to Kimball Creek	all	*E. coli*, Fe(Trec)		
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	Dry Fork		Se	L
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	Roan Creek		Fe(Trec)	H
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	all	As	Mn	L
COLCLC15a	Mainstem of Plateau Creek from source to inlet of Vega Reservoir and tributaries to the confluence of Buzzard Creek.	all	Fe(Trec)	As	L
COLCLC15c	Mainstem of Plateau Creek from Vega Reservoir to Buzzard Creek	all		As	L
COLCLC16	Plateau Creek and tributaries from the confluence with Buzzard Creek to the confluence with the Colorado River	all	Fe(Trec)		
COLCLC19	Lakes and reservoirs tributary to the Colorado River, Parachute Creek to the Colorado/Utah border.	See specifics to the right.	Se (Maggio Pond, Peters Ponds 1, 2, 3, & 4)	Se (West Pond Orchard Mesa Wildlife Area)	H
COLCLC20	Rifle Gap Reservoir, Harvey Gap Reservoir and Vega Reservoir	Rifle Gap Reservoir	As	Aquatic Life Use (Hg Fish Tissue)	H
COLCLY03c	Milk Creek and tributaries from CR 15 to the Yampa	Wilson Creek	Se, Mn	Fe(Trec), SO_4	L/H
COLCLY03c	Milk Creek and tributaries from CR 15 to the Yampa	Stinking Gulch	Fe(Trec)	As, SO_4, Se	L/H
COLCLY03e	Good Spring Creek and its tributaries above Wilson Reservoir	all	Se, SO_4		
COLCLY03i	Lower Johnson Gulch from the confluence with Pyeatt Gulch at CO 107 to the confluence with the Yampa River	all	Aquatic Life		
COLCLY06	Tributaries to Fortification Creek from the confluence of the North and South Forks to the Yampa River	all	Mn, SO_4		
COLCLY07	Little Bear Creek, including all tributaries from source to Dry Creek	all	Cu, Zn		
COLCLY16	Little Snake River from Power Wash to the Yampa River	all	Sediment		
COLCLY22a	Mainstem of Vermillion Creek, including all tributaries and wetlands, from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek.	Talamantes Creek		Aquatic Life (provisional)	L
COLCLY22c	Vermillion Creek from Hwy 318 to Green River	all	*E.coli*, Fe(Trec)		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCWH07	Mainstem of the White River the confluence with Miller Creek to the confluence with Piceance Creek.	all		Temperature, Aquatic Life	H
COLCWH07	Mainstem of the White River from a point above the confluence with Miller Creek to a point immediately above the confluence with Piceance Creek	White River, blw Meeker	Fe(Trec)	As	L
COLCWH09b	Tributaries to the White River from Flag Creek, to Piceance Creek, not within the boundary of National Forest lands	all	Mn, SO_4		
COLCWH09d	Sulfur Creek and tributaries from Source to White River. Flag Creek and tributaries from the East Fork of Flag Creek to the White River	all		Se	L
COLCWH11	Rio Blanco Lake and Taylor Draw Reservoir	Rio Blanco Lake		pH	H
COLCWH12	White River from the confluence with Piceance Creek to the confluence with Douglas Creek	all		As	L
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	all		Sediment	M
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Corral Gulch	Mn		
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Stake Springs	SO_4		
COLCWH13b	Mainstem of Yellow Creek from the source to the confluence with Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Duck Creek	Aquatic Life		
COLCWH13c	Mainstem of Yellow Creek from immediately below the confluence with Barcus Creek to the confluence with the White River.	all		Fe(Trec), Aquatic Life	L
COLCWH13c	Mainstem of Yellow Creek from Barcus Creek to the confluence with the White River.	Yellow Creek below Greasewood Creek		Temperature	M
COLCWH14a	Mainstem of Piceance Creek from the source to a point just below the confluence with Hunter Creek	all		As	H
COLCWH15	Mainstem of Piceance Creek from Ryan Gulch to the confluence with the White River. The Dry Fork of Piceance Creek, from Little Reigan Gulch to Piceance Creek.	Piceance Creek		Aquatic Life (provisional)	L
COLCWH15	Piceance Creek from Ryan Gulch to the White River. The Dry Fork of Piceance Creek, from Little Reigan Gulch to Piceance Creek.	Piceance Creek from 3 miles above the confluence with the White River, to the confluence with the White River.		Temperature	M

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCWH16	All tributaries to Piceance Creek, including all wetlands, lakes and reservoirs, from the source to the confluence with the White River	Ryan Gulch	*E. coli*		
COLCWH20	Mainstems of Black Sulphur Creek from the source to Piceance Creek.	Black Sulphur Creek		Aquatic Life (provisional), As	L
COLCWH21	Mainstem of the White River from Douglas Creek to the Colorado/Utah border	all		As	L
COLCWH22	Tributaries to White River, Douglas Creek to Colorado/Utah border	West Evacuation Wash, Douglas Creek		Sediment	L
COLCWH23	Mainstem of East Douglas Creek and West Douglas Creek including all tributaries from their sources to the confluence	all		Temperature	H
COLCWH23	Mainstem of East Douglas Creek and West Douglas Creek including all tributaries from their sources to the confluence	East Douglas creek from the point below Tommy's Draw a point above its conflunce with Douglas Creek		Sediment	H
COLCWH23	Mainstem of East Douglas Creek and West Douglas Creek including all tributaries from their sources to the confluence	East Douglas Creek		Aquatic Life	L
CORG	Rio Grande River Basin				
CORGAL02	Alamosa River, from source to confluence with Alum Creek	all	pH, Fe(Trec), Fe(Dis), Mn		
CORGAL03b	Alamosa River, from Wightman Fork to Fern Creek	Above Jasper Creek	Se		
CORGAL03c	Mainstem of the Alamosa River from Fern Creek to Ranger Creek.	all	Cd, NH_3		
CORGAL03d	Alamosa River, from Ranger Creek to Terrace Res.	all		Al	H
CORGAL10	Alamosa River, from Hwy 15 to its point of final diversion	all	Fe(Trec)		
CORGAL11b	Mainstem of La Jara Creek from La Jara Reservoir to confluence with Hot Creek	all	Temperature		
CORGAL12	Mainstem La Jara Creek from Hot Creek to Rio Grande	all	Fe(Trec)		
CORGAL13	Hot Creek from source to La Jara Creek	all	pH	Fe(Trec)	H
CORGAL20	Rio Grande, tribs within the Rio Grande Forest	all	Cu, Cd, Fe(Trec), Mn, Zn, Fe(Dis), As	pH	H
CORGAL25	All lakes and reservoirs tributary to La Jara Creek from the source to Hot Creek.	La Jara Reservoir	pH	D.O.	H
CORGAL30	Platoro Reservoir	all	pH		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGCB02a	La Garita Creek, including tributaries from the source to Geronimo Creek. The North, Middle and South Forks of Carnero Creek, including tributaries from their source to mainstem of Carnero	North Fork Carnero Creek	Mn, TP	As, Aquatic Life	H
CORGCB02a	La Garita Creek, including tributaries from the source to Geronimo Creek. The North, Middle and South Forks of Carnero Creek, including tributaries from their source to mainstem of Carnero	South Fork Carnero Creek	Fe(Dis), Mn, TP	As	H
CORGCB02b	La Garita Creek, source to 38 Rd, Carnero Creek, source to 42 Rd	La Garita Creek	Fe(Trec), Fe(Dis), Mn, TP	Aquatic Life, As	H
CORGCB02c	Mainstem Carnero Creek from inception to 42 Road	all	Mn, TP	As	H
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Cottonwood Creek	Cu		
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Major Creek	Fe(Trec)		
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Willow Creek		Cu	H
CORGCB04	San Luis Creek, from source to Piney Creek	all	Mn	As	L
CORGCB05	San Luis Creek, from Piney Creek to San Luis Lake	all	D.O., Cu		
CORGCB09a	Mainstem and tribs of Kerber Creek from source to Brewery Creek	Squirrel Creek	Mn		
CORGCB09b	Kerber Creek from Brewery Creek to the confluence with San Luis Creek.	all		As	L
CORGCB09b	Kerber Creek from Brewery Creek to the confluence with San Luis Creek.	Kerber Creek from U S Gulch to the confluence with San Luis Creek		Aquatic Life (provisional)	H
CORGCB10	Sand Creek, Medano Creek	Sand Creek	Cu		
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	all	Temperature, TP	As, Fe(Trec)	H/L
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	East Pass Creek		Sediment	H
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	Ford Creek	Cd, Mn, Zn		
CORGCB19	San Luis Lake	all		NH_3, Fe(Trec)	H
CORGRG02	Rio Grande River, source to Willow Creek	South Clear Creek	Mn, Fe(Dis)	Fe(Trec)	H
CORGRG03	Seepage Creek From Santa Maria Reservoir to 1 mile below the outlet; N Clear Creek from Continental Reservoir to Rito Hondo Creek	all	Fe(Trec)		
CORGRG04a	Rio Grande, just above Willow Creek to confluence with South Fork Rio Grande	all		Pb	H
CORGRG04b	Rio Grande from South Fork Rio Grande to Hwy 285	all		Temperature	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGRG04b	Rio Grande from South Fork Rio Grande to Hwy 285	S Fork Rio Grande to Del Norte		As	L
CORGRG04b	Rio Grande from South Fork Rio Grande to Hwy 285	Del Norte to Highway 285		Cu	H
CORGRG04c	Rio Grande from Hwy 285 to County Line	all	Mn	As, Cu	L/H
CORGRG05	All tributaries to the Rio Grande River, abv Willow Creek to Del Norte	Nelson Creek	Cd, Cu, Pb, Mn, Zn, pH		
CORGRG07	West Willow Creek, East Willow Creek, Willow Creek and tributaries	all	Aquatic Life	Cd, Pb, Zn	M
CORGRG09	South Fork Rio Grande and tributaries from source to Rio Grande	North Branch of Pass Creek	Cu	As, Zn	L/H
CORGRG11	Mainstem of San Francisco Creek (Rio Grande County), including all tributaries, from the source to Spring Branch	all	TP	Aquatic Life, As	H/L
CORGRG12	Mainstem of the Rio Grande from the Rio Grande/Alamosa County line to the Old State Bridge east of Lobatos (Conejos County Road G).	all		Aquatic Life (provisional)	L
CORGRG13	Rio Grande River, Conejos County Road G to Colorado/New Mexico border	all	Sediment		
CORGRG19	Rock Creek from source to Monte Vista Canal	all	TP	As	L
CORGRG20a	Cat Creek and tributaries from source to Rio Grande National Forest	all	TP	Aquatic Life	H
CORGRG20b	Cat Creek from forest boundary to Terrace Main Canal	all	TP		
CORGRG25	Trinchera Creek and tributaries from source to Mountain Home Reservoir	all	Cu		
CORGRG28	Rito Seco, from source to Salazar Reservoir	Upper Rito Seco blw Battle Mtn	Cu	*E. coli*	H
CORGRG33	Lakes and reservoirs tributary to Rio Grande from source to Hwy 112	Alberta Park	Ag		
CORGRG37	Sanchez Reservoir	all	As, Mn		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir...	Smith Reservoir	pH		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir...	Big Meadows	Mn, Fe(Dis)		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir...	Road Canyon	Mn, Ag, Fe(Dis)		
COSJ	San Juan River Basin				
COSJAF03c	Arrastra Gulch including all lakes, tributaries, and wetlands from the source to the confluence with the Animas River.	all	Pb	Cd, Zn	M
COSJAF04a	Mainstem of the Animas River from a point immediately above the confluence with Mineral Creek to a point immediately above the confluence with Deer Park Creek.	all		Al(Trec)	M
COSJAF05a	Mainstem of the Animas River, including wetlands, from Bakers Bridge to the Southern Ute Indian Reservation boundary.	all		Mn	L

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COSJAF13a	Mainstem of Junction Creek including all tributaries, from U.S. Forest Boundary to confluence with Animas River.	Junction Creek	Ag, *E. coli*		
COSJAF22	Electra Lake. Lake Nighthorse	Electra Lake	Ag, Zn		
COSJDO04b	McPhee Reservoir and Summit Reservoir	McPhee Reservoir		Aquatic Life Use(Hg Fish Tissue)	H
COSJDO11	All tributaries to the Dolores River, from the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line	Lost Canyon Creek	*E. coli*		
COSJLP01	Mainstem of the La Plata River, from the source to the Hay Gulch diversion south of Hesperus.	all		Ag	H
COSJLP03c	Cherry Creek, including all tributaries and wetlands, from the source to the boundary of the Southern Ute Indian Reservation boundary	all	Cu	Fe(Trec)	H
COSJLP04a	Mancos River and tributaries above HWY 160	E. Mancos River	Pb	D.O.	H
COSJLP04a	Mancos River and tributaries above HWY 160	Mancos River	Cu, Pb	D.O.	H
COSJLP04a	Mancos River and tributaries above HWY 160	all	Temperature, Aquatic Life		
COSJLP05a	Mancos River from HWY 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of the Weber Canyon from source Mancos River	all		Aquatic Life (provisional)	H
COSJLP06a	All tributaries to the Mancos River, including all wetlands, from HWY 160 to the boundary of the Ute Mountain Indian Reservation	all		Aquatic Life (provisional)	M
COSJLP07a	Mainstem of McElmo Creek from the source to the Colorado/Utah border; Mainstem of Yellow Jacket Creek from the source to the confluence with McElmo Creek.	McElmo Creek		Fe-(Trec), *E. coli*	H
COSJLP08a	Tributaries to McElmo Creek	all	*E. coli*		
COSJLP08a	Tributaries to McElmo Creek	Mud Creek		Se	M
COSJLP08a	Tributaries to McElmo Creek	Hartman Draw	Fe(Trec)		
COSJLP08a	Tributaries to McElmo Creek	Trail Canyon		Fe(Trec)	M
COSJLP11	Narraguinnep, Puett, and Totten Reservoir	Narraguinnep Reservoir, Totten Reservoir		Aquatic Life Use(Hg Fish Tissue)	H
COSJPI05	All tributaries to the Piedra River, from the boundary of the Weminuche Wilderness Area to the confluence with Devil Creek	all	Temperature		
COSJPI05	All tributaries to the Piedra River, from the boundary of the Weminuche Wilderness Area to the confluence with Devil Creek	Williams Creek	pH, Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSJPI06a	All tributaries to the Piedra River from the confluence with Devil Creek to the Southern Ute Indian Reservation boundary	all		Aquatic Life (provisional)	M
COSJPI06a	Tributaries to the Piedra River	Stollsteimer Creek above Southern Ute Boundary	Sediment, *E. coli*, Fe(Trec), SO_4		
COSJPI08	Williams Creek Reservoir	all	pH, Zn, Fe(Trec), D.O.		
COSJPN03	Vallecito Reservoir	Vallecito Reservoir		Aquatic Life Use (Hg Fish Tissue)	H
COSJSJ01b	Mainstem of the Navajo River, including all wetlands and tributaries from below the confluence with Sheep Creek to the Colorado/New Mexico border	Navajo River	*E. coli*		
COSJSJ03	Little Navajo River, including tributaries from the San Juan-Chama diversion to the San Juan River	all	*E. coli*		
COSJSJ05	Mainstem of the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to Fourmile Creek	Mainstem	Pb, Aquatic Life		
COSJSJ06a	San Juan River from Fourmile Creek to Southern Ute Indian Reservation. Mill Creek from source to San Juan River.	San Juan River	Pb, Cu		
COSJSJ06a	San Juan River from Fourmile Creek to the Southern Ute Indian Reservation. Mill Creek from source to San Juan River	all	Temperature		
COSJSJ08	Navajo Reservoir. Echo Canyon Reservoir.	Echo Canyon Reservoir	pH	D.O. (Temperature) Aquatic Life Use (Hg Fish Tissue)	H
COSJSJ08	Navajo Reservoir, Echo Canyon Reservoir	Navajo Reservoir	Aquatic Life Use (Hg Fish Tissue)		
COSJSJ09a	Mainstem of the Rio Blanco from the boundary of South San Juan Wilderness Area to the Southern Ute Indian Reservation boundary,	all	Ag, Pb		
COSJSJ10	Mainstem of the Rito Blanco River from Echo Ditch to the confluence with the Rio Blanco River.	all	*E. coli*, Temperature		
COSP	South Platte River Basin				
COSPBD01	Mainstem of Big Dry Creek, including all tributaries, lakes, reservoirs and wetlands, from the source to the confluence with the South Platte River	all		*E. coli*	L
COSPBD01	Mainstem of Big Dry Creek, including all tributaries, lakes, reservoirs and wetlands, from the source to the confluence with the South Platte River	Downstream of Weld County Road 8		Fe(Trec)	M

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBE01a	Mainstem of Bear Creek from the boundary of the Mt. Evans Wilderness area to the inlet of Evergreen Lake.	Bear Creek below the confluence with Yankee Creek		Temperature	H
COSPBE01b	Mainstem of Bear Creek from Harriman Ditch to the inlet of Bear Creek Reservoir	all		Temperature	M
COSPBE01c	Bear Creek Reservoir	all		Chl-a, phosphorus	H
COSPBE01e	Mainstem of Bear Creek from the outlet of Evergreen Lake to the Harriman Ditch.	all		Temperature	H
COSPBE01e	Mainstem of Bear Creek from the outlet of Evergreen Lake to the Harriman Ditch.	Mount Vernon Creek to the Harriman Ditch		Cu	H
COSPBE02	Bear Creek below Bear Creek Reservoir to South Platte River	Below Wadsworth Boulevard		*E.coli* (May-Oct)	H
COSPBE02	Bear Creek below Bear Creek Reservoir to South Platte River	all		Aquatic Life (provisional), As	H/L
COSPBE03	All tributaries to Bear Creek, from the source to the outlet of Evergreen Lake	Vance Creek		Temperature	H
COSPBE06a	Turkey Creek system, including all tributaries from the source to the inlet of Bear Creek Reservoir	Turkey Creek below Parmelee Gulch	Temperature		
COSPBE06b	Mainstem of North Turkey Creek, from the source to the confluence with Turkey Creek	all	Temperature		
COSPBE11	Lakes and reservoirs in the Bear Creek system from the outlet of Evergreen Lake to the confluence with the South Platte River	Harriman Reservoir	As		
COSPBO02a	Mainstem of Boulder Creek, from the boundary of the Indian Peaks Wilderness Area to a point immediately below the confluence with North Boulder Creek	all		As	L
COSPBO02a	Mainstem of Boulder Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	North Boulder Creek from Caribou Creek to the confluence with Como Creek	Fe(Dis)	Cu	H
COSPBO02a	Mainstem of Boulder Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	Como Creek to the confluence of North Boulder Creek		Fe(Trec), Fe(Dis)	H/L
COSPBO02a	Mainstem of Boulder Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	North Boulder Creek to Confluence of Caribou Creek		Cu, Pb	H
COSPBO02a	Mainstem of Boulder Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	Middle Boulder Creek from the outlet of Barker Reservoir to Longitude:-105.475577° Latitude: 39.971275°	Mn	Aquatic Life (provisional)	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBO02b	Boulder Creek, from below the confluence with North Boulder Creek to above the confluence with South Boulder Creek	all		As	L
COSPBO03	Mainstem of Middle Boulder Creek from source to the outlet of Barker Reservoir	all		As	L
COSPBO03	Mainstem of Middle Boulder Creek from source to the outlet of Barker Reservoir	Middle Boulder Creek		Aquatic Life (provisional)	L
COSPBO04a	Mainstem of South Boulder Creek, including all tributaries from the source to the outlet of Gross Reservoir	all		Cu	H
COSPBO04b	Mainstem of South Boulder Creek, including all tributaries from the outlet of Gross Reservoir to South Boulder Road	all		Cu, As	H/ L
COSPBO07a	Mainstem of Coal Creek from Highway 93 to Highway 36	all		Aquatic Life (provisional)	H
COSPBO07b	Coal Creek, HWY 36 to Boulder Creek	all	Aquatic Life	*E. coli*	H
COSPBO07b	Coal Creek, HWY 36 to Boulder Creek	Below Confluence of Rock Creek		Se	M
COSPBO08	All tribs to South Boulder Creek and all tribs to Coal Creek	Rock Creek	*E. coli*	Se	L
COSPBO09	Mainstem of Boulder Creek, from South Boulder Creek to Coal Creek	all		As, *E. coli* (July to October)	L/H
COSPBO09	Mainstem of Boulder Creek, from South Boulder Creek to Coal Creek	From 107th Street to the confluence with Coal Creek		Aquatic Life (provisional)	L
COSPBO10	Boulder Creek, Coal Creek to St. Vrain Creek	all		*E. coli*, As, pH	H/L
COSPBO14	Lakes and reservoirs tributary to Boulder Creek from source to South Boulder Creek.	Barker Reservoir	Mn, Fe(dis), Ag	Cu, As	H/L
COSPBO18	Gross Reservoir	all	Aquatic Life Use (Hg Fish Tissue)		
COSPBT01	Mainstem of the Big Thompson River, including all tributaries and wetlands, within Rocky Mountain National Park.	all		Cu, As	H
COSPBT02	Big Thompson River and tribs, RMNP to Home Supply Canal diversion	all		As, Aquatic Life	L/H
COSPBT02	Big Thompson River and tribs, RMNP to Home Supply Canal diversion	From RMNP to immediately abv. UTSD discharge		Cu	M
COSPBT02	Big Thompson River and tribs, RMNP to Home Supply Canal diversion	From Ceder Creek to Home Supply Canal		Temperature	H
COSPBT02	Big Thompson River and tribs, RMNP to Home Supply Canal diversion	Fish Creek below Marys Lake		pH	H
COSPBT03	Mainstem of the Big Thompson River from the Home Supply Canal diversion to the Big Barnes Ditch diversion.	all		Cu, As	M/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBT04a	Mainstem of the Big Thompson from the Big Barnes Ditch diversion of the Greeley-Loveland Canal diversion.	all		Se	M
COSPBT04b	Big Thompson River, Greeley-Loveland Canal diversion to CR11H	all		Se	L
COSPBT05	Big Thompson River, I-25 to S. Platte River	all	*E. coli*	Se	L
COSPBT06	All tributaries to the Big Thompson River, from Home Supply Canal to the confluence with the South Platte River.	all		Cu	M
COSPBT07	Mainstem of the North Fork of the Big Thompson from RMNP to confluence with Big Thompson; Buckhorn Creek	North Fork of Big Thompson		Cu, As	H/L
COSPBT07	Mainstem of the North Fork of the Big Thompson from RMNP to confluence with Big Thompson; Buckhorn Creek	Buckhorn Creek	Mn	As	L
COSPBT08	Mainstem of the Little Thompson River, from source to the Culver Ditch diversion.	all	Temperature	As	L
COSPBT08	Mainstem of the Little Thompson River, from source to the Culver Ditch diversion.	From source to St. Vrain Supply Canal		SO_4	L
COSPBT09	Little Thompson River, Culver Ditch to Big Thompson River	all		Se, *E. coli* (May-October), Aquatic Life Use	L/H/M
COSPBT10	Tributaries To the Little Thompson River	all	D.O.		
COSPBT11	Carter Lake	all		Aquatic Life Use (Hg Fish Tissue), As	H
COSPBT16	Lakes and reservoirs tributary to the Big Thompson from RMNP to Home Supply Canal diversion.	Lake Estes		Cu, Pb	H
COSPCH01	Mainstem of Cherry Creek from the source of East and West Cherry Creek to the inlet of Cherry Creek Reservoir.	all	Mn		
COSPCH02	Cherry Creek Reservoir	all		Chl-*a*, D.O.	H
COSPCH03	Mainstem of Cherry Creek from Cherry Creek Reservoir to the South Platte.	all		*E. coli*	H
COSPCH04a	All tributaries to Cherry Creek from the source of East and West Cherry Creeks to the confluence with the South Platte River.	Goldsmith Gulch		Se, *E. coli*	M
COSPCH04a	All tributaries to Cherry Creek from the source of East and West Cherry Creeks to the confluence with the South Platte River.	McMurdo Gulch		D.O.	L
COSPCH04b	Tributaries to Cherry Creek Cottonwood Creek, including all tributaries and wetlands, from the source to Cherry Creek Reservoir.	Upper Windmill Creek		Se	L
COSPCH06	Lakes and reservoirs in the Cherry Creek watershed within the City and County of Denver.	Lollipop Lake		D.O.	M

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COSPCL01	Mainstem of Clear Creek, including all tributaries and wetlands, from the source to the I-70 bridge above Silver Plume.	Kearney Gulch, Grizzly Gulch	Aquatic Life		
COSPCL02a	Mainstem of Clear Creek from Silver Plume to West Fork Clear Creek.	all		Cd	H
COSPCL02b	Mainstem of Clear Creek from West Fork Clear to Mill Creek.	all		Zn	H
COSPCL02c	Mainstem of Clear Creek from Mill Creek to Argo Tunnel.	all	Aquatic Life	Cd	H
COSPCL02c	Mainstem of Clear Creek including all tributaries from Mill Creek to the Argo Tunnel discharge	Turkey Gulch below Rockford Tunnel		Cu, Mn, Ni, Fe(Dis), Fe(Trec), Zn	H/L
COSPCL03a	South Clear Creek including all tributaries, from the source to the confluence with Clear Creek, except for the specific listings in Segments 3b and 19	South Clear Creek from a point just above Clear Lake to confluence with Clear Creek		Cu	H
COSPCL03b	Leavenworth Creek	all	Mn, Cd	Cu	M
COSPCL05	Mainstem of West Clear Creek from the confluence with Woods Creek to the confluence with Clear Creek	From Hoop Creek to confluence with Clear Creek		Cu	H
COSPCL06	West Clear Creek tributaries	Mad Creek		Cu	M
COSPCL06	All tributaries to West Clear Creek from the source to the confluence with Clear Creek	North Empire Creek	SO_4, Cd, Fe(Dis), Fe(Trec), Zn	Cu	H
COSPCL09a	Fall River & tributaries, source to Clear Creek	Silver Creek		Cu, Pb	H
COSPCL09b	Trail Creek & tributaries, source to Clear Creek	all	Mn	Cd, pH	H
COSPCL10	Mainstem of Chicago Creek, including all tributaries from the source to Clear Creek	all		Cu	H
COSPCL11	Clear Creek, Argo Tunnel to Farmers Highline Canal	all		Cd,Temperature	H
COSPCL12a	All tributaries to Clear Creek from the Argo Tunnel discharge to the Farmers Highline Canal diversion in Golden, Colorado	Gilson Gulch and tributaries	pH, SO_4, Fe(Dis), Mn	Cd, Cu, Ni, Pb, Se, Zn	M
COSPCL12a	All tributaries to Clear Creek from the Argo Tunnel discharge to the Farmers Highline Canal diversion in Golden, Colorado	All tributaries except Gilson Gulch	D.O. Mn	Cd, Cu, Zn	M
COSPCL13b	N. Clear Creek & tributaries, lowest water supply intake to Clear Creek	Mainstem of N. Clear Creek		Cd, Temperature	M
COSPCL14a	Mainstem of Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to the Denver Water conduit #16 crossing.	From Croke Canal Diversion to McIntyre Street		Aquatic Life	L
COSPCL14a	Mainstem of Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to the Denver Water conduit #16 crossing.	all		Temperature	M
COSPCL14b	Clear Creek, Denver Water conduit #16 to Youngfield St.	all	Mn, Temperature, NH_3, Fe(Dis)	Aquatic Life Use (Organic Sediment)	L

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COSPCL15	Clear Creek, Youngfield St. to S. Platte River	all		*E. coli* (May-October), Aquatic Life Use (Organic Sediment), Temperature, NH_3	H/L/L
COSPCL16a	Mainstem of Lena Gulch including all tributaries and wetlands from its source to the inlet of Maple Grove Reservoir	all	Mn		
COSPCL17a	Arvada Reservoir	all		D.O.(Temperature)	H
COSPCL17b	Mainstem of Ralston Creek, including all tributaries and wetlands, from the source to the inlet of Arvada Reservoir.	all	*E. coli,* Temperature		H
COSPCL18a	Ralston Creek and tributaries below Arvada Reservoir	Ralston Creek		*E. coli*	H
COSPCP02a	Cache La Poudre River including all tributaries from the boundaries of RMNP, and the Rawah, Neota, Comanche Peak, and Cache La Poudre Wilderness Areas to the South Fork Cache La Poudre River	all		As, Aquatic Life (provisional)	H/L
COSPCP06	Mainstem of the North Fork of the Cache La Poudre River, including all tribs from source to Halligan Res.	all		As	L
COSPCP07	North Fork of the Cache la Poudre from Halligan Reservoir to the Cache la Poudre.	all	As, Ag, Fe(Dis)	Pb, Cd, Mn	M/L
COSPCP08	All tributaries to the North Fork of the Cache La Poudre from Halligan Reservoir to the Cache La Poudre.	all	*E. coli*		
COSPCP09	Rabbit Creek and Lone Pine Creek	all	pH	As	L
COSPCP10a	Mainstem of the Cache La Poudre River from the Munroe Gravity Canal Headgate to the Larimer County Ditch diversion (40.657, -105.185)	all		Temperature, As	M/L
COSPCP10b	Mainstem of the Cache La Poudre River from the Larimer County Ditch diversion (40.657, -105.185) to Shields Street in Ft. Collins, Colorado.	all		As	L
COSPCP11	Mainstem of the Cache la Poudre River from Shields Street in Ft. Collins to a point immediately above the confluence with Boxelder Creek.	all		*E.coli*	L
COSPCP12	Cache la Poudre River, Box Elder Creek to S. Platte River	all	pH	*E. coli* (May-October)	H
COSPCP13a	All tributaries to the Cache la Poudre River, including all wetlands, from the Munroe Gravity Canal to the confluence with the South Platte River.	Dry Creek		Mn, SO_4	L
COSPCP13a	All tributaries to the Cache la Poudre River, including all wetlands, from the Munroe Gravity Canal to the confluence with the South Platte River.	Spring Creek and Fossil Creek		*E. coli* (May-Oct)	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPCP13b	Boxelder Creek from source to the Cache la Poudre River	all		Se, *E.coli*	L
COSPCP14	Horsetooth Reservoir	all	.	Aquatic Life Use (Hg Fish Tissue), As	H
COSPCP20	Lakes and reservoirs tributary to the North Fork of the Cache la Poudre from Halligan Reservoir to the Cache la Poudre River.	Seaman Reservoir		D.O.	M
COSPLA02a	Mainstem of Laramie River from the source to the NF boundary.	all	pH, Mn, As		
COSPLA02b	Mainstem of the Laramie River from the source to the USFS boundary and all tributaries from the source to the Colorado/Wyoming	all	As	Cu	M
COSPLS01	Mainstem of the South Platte from the Weld/Morgan County line to the Colorado/Nebraska border.	all	SO_4	Se, Mn, U	M/L
COSPLS02b	Tributaries to S Platte River, Beaver Creek, Bijou Creek and Kiowa Creek	Beaver Creek		Se, *E. coli*	H
COSPLS02b	Tributaries to S Platte River, Beaver Creek, Bijou Creek and Kiowa Creek	Kiowa Creek		Aquatic Life (provisional)	M
COSPLS03	Jackson, Prewitt, North Sterling, Jumbo, Riverside, Empire and Vancil Reservoirs	North Sterling		D.O., Se	H
COSPLS03	Jackson, Prewitt, North Sterling, Jumbo, Riverside, Empire and Vancil Reservoirs	Jumbo Reservoir	Se		
COSPLS03	Jackson, Prewitt, North Sterling, Jumbo, Riverside, Empire and Vancil Reservoirs	Jackson Reservoir		pH	H
COSPMS01a	South Platte River from Big Dry Creek to St. Vrain Creek	all	Mn	*E. coli*	H
COSPMS01b	South Platte River from St. Vrain Creek to Weld/Morgan County Line	all		*E. coli*, Mn, As	H/L/L
COSPMS04	Barr Lake and Milton Reservoir	Milton Reservoir		NH_3	M/L
COSPMS07	All lakes and reservoirs trib to the South Platte River below Big Dry Creek to Weld/Morgan County Line	Horse Creek Reservoir		pH, NH_3	L
COSPMS07	All lakes and reservoirs in watershed tributary to the South Platte from Chatfield to Big Dry Creek.	Prospect Lake		pH, NH_3	M
COSPRE01	Mainstem of the South Fork of the Republican River from a point 23 miles above the Colorado-Kansas border to the Colorado-Kansas border.	all		As, Pb	H
COSPRE05	Mainstem of the Black Wolf Creek from the source to the confluence with the Arikaree River.	all	*E. coli*, Se		
COSPSV02b	St. Vrain Creek, RMNP to Hygiene Road	all	Ag	Temperature, As	H/L
COSPSV02b	St. Vrain Creek, RMNP to Hygiene Road	South Saint Vrain Creek from just below its confluence with Red Hill Gulch to its confluence with North Saint Vrain Creek.		Cu	H

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COSPSV03	St. Vrain Creek, Hygiene Rd. to S. Platte River	all		*E. coli*	H
COSPSV04a	Left Hand Creek, from source to blw confluence with James Creek	(Hwy 72 to James Ck);	Mn		
COSPSV05	Mainstem of Left Hand Creek, including all tributaries and wetlands from Highway 36 to the confluence with St. Vrain Creek.	Lefthand Creek below US 36 to a point above the Lefthand Feeder Canal		Mn, pH	L/H
COSPSV05	Mainstem of Left Hand Creek, including all tributaries and wetlands from Highway 36 to the confluence with St. Vrain Creek.	all		Cu	M
COSPSV06	Tributaries to the St Vrain River	all		Mn	L
COSPSV06	Tributaries to the St Vrain River	Dry Creek		Se	M
COSPSV06	Tributaries to the St Vrain River	Dry Creek		*E. coli*	H
COSPSV07	Boulder Reservoir, Coot Lake, and Left Hand Valley Reservoir	Boulder Reservoir		As	L
COSPUS01a	Mainstem of the South Platte River from the source of the South and Middle Forks to the inlet of Cheesman Reservoir	Middle Fork South Platte River	pH		
COSPUS01a	Mainstem of the South Platte River from the source of the South and Middle Forks to the inlet of Cheesman Reservoir	South Platte River from the outlet of Elevenmile Reservoir to the Idlewilde picnic area		Aquatic Life (provisional)	
COSPUS02a	Tributaries to S. Platte River, source to Tarryall Creek	Twin Creek, on USFS Land	Temperature		
COSPUS02a	Tributaries to S. Platte River, headwaters to Tarryall Creek	S. Fork of S. Platte below Antero Reservoir	Aquatic Life		
COSPUS02b	Mosquito Creek from South Mosquito Creek to the Middle Fork of the South Platte.	all		Cd	H
COSPUS02c	South Mosquito Creek from the source to the confluence with Mosquito Creek and No Name Creek from the source to the confluence with Mosquito Creek	South Mosquito Creek		As, Cd	H/L
COSPUS02c	South Mosquito Creek from the source to the confluence with Mosquito Creek and No Name Creek from the source to the confluence with Mosquito Creek	No Name Creek		Cd, Zn	H
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Trout Creek and tributaries on USFS property	Aquatic Life, Temperature	D.O., pH, Mn	H/L
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Pine Creek		As, Aquatic Life (provisional)	L/H
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Fourmile Creek		Fe(Trec), As, Hg, Aquatic Life	H/L
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Hawkins Gulch	Cd, Se		
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Horse Creek	D.O., Fe(trec)	Aquatic Life	L
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	West Creek	As, Hg, Fe(trec), D.O.	Aquatic Life	L

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COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Goose Creek	D.O.	Temperature	H
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Trail and Wigwam Creeks	Fe(Trec)		
COSPUS04	N. Fk. S. Platte River & Tributaries, source to S.Platte R	Hall Valley area to Geneva Ck		pH	H
COSPUS05b	Geneva Creek from Scott Gomer Creek to the North Fork of the South Platte River; all tributaries of Geneva Creek from source to the North Fork of the South Platte River.	Geneva Creek		pH, Mn	H/L
COSPUS05c	Gooseberry Gulch and all tributaries from source to confluence with Elk Creek.	Unnamed Tributary to Gooseberry Creek		NH_3	M
COSPUS06a	Mainstem of the South Platte River from the outlet of Cheesman Reservoir to the inlet of Chatfield Reservoir.	South Platte River from outlet of Cheesman Reservoir to Lazy Gulch		Aquatic Life (provisional)	L
COSPUS07	Tributaries to the South Platte from the North Fork of the South Platte to the outlet of Chatfield Reservoir.	Willow Creek	Fe(Trec), Se		
COSPUS09	Mainstem of Bear Creek, including all tributaries and wetlands from the source to the inlet of Perry Park Reservoir (Douglas County).	Bear Creek	D.O.		
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of national forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence.	West Plum Creek		Aquatic Life (provisional)	L
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of National Forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence	East Plum Creek		As, Aquatic Life (provisional)	L
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of National Forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence	Plum Creek	Temperature	*E. coli* (May-Oct)	H
COSPUS11a	Tributaries to East Plum Creek which are not on national forest lands.	all	pH, Fe(Trec)		
COSPUS11a	Tributaries to East Plum Creek which are not on national forest lands.	Cook Creek		Aquatic Life (provisional)	L
COSPUS11b	Tributaries to W. Plum Creek, not on USFS Land	Spring Creek		Aquatic Life (provisional)	L
COSPUS12	Garber and Jackson Creeks	Jackson Creek	As		
COSPUS14	S. Platte River	all		As	L

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COSPUS15	S. Platte River, Burlington Ditch to Big Dry Creek	all	Temperature	*E. coli*	H
COSPUS16a	Mainstem of Sand Creek from the confluence of Murphy and Coal Creek in Arapahoe County to the confluence with the Toll Gate Creek	all		Se, *E. coli*	L/H
COSPUS16c	Tributaries to S. Platte River, Chatfield Reservoir to Big Dry Creek except specific listings	all		Se, *E. coli* (May-Oct)	L/H
COSPUS16g	Marcy Gulch	all	Temperature		
COSPUS16i	Sand Creek from the confluence with Toll Gate Creek to the confluence with the South Platte River	all		*E. coli*	H
COSPUS16i	Sand Creek from the confluence with Toll Gate Creek to the confluence with the South Platte River	Sand Creek from the confluence with Westerly Creek to the confluence with the South Platte River		Se	M
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Berkeley Lake, Rocky Mountain Lake		Aquatic Life Use (Hg Fish Tissue)	H
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Rocky Mountain Lake		pH,D.O.	L
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Ferril Lake		pH	H
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Smith Lake		pH, NH_3	H
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Grasmere Lake		NH_3	H
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Berkeley Lake		D.O., As	H
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Duck Lake		pH, NH_3	H
COSPUS19	Lakes and reservoirs from headwaters to Chatfield Reservoir	Cheesman Reservoir	Aquatic Life Use (Hg Fish Tissue)		
COSPUS23	All lakes and reservoirs in watershed tributary to the South Platte from Chatfield to Big Dry Creek.	Barnum Lake		D.O.	L
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Vanderbilt Lake		D.O.	M
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Garfield Lake		D.O.	M
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Harvey Lake	Fe(Trec)		
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Aqua Golf	NH_3	pH	M

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COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Parkfield Lake		D.O., pH	M
COUC	Upper Colorado River Basin				
COUCBL01	Mainstem of the Blue River from the source to the confluence with French Gulch	all		Aquatic Life (provisional)	H
COUCBL02a	Mainstem of the Blue River from the confluence with French Gulch to a point one half mile below Summit County Road 3.	all		Mn	L
COUCBL02a	Mainstem of the Blue River from the confluence with French Gulch to a point one half mile below Summit County Road 3.	Above South Barton Gulch		Zn	L
COUCBL02b	Mainstem of the Blue River from a point one half mile below Summit County Road 3 to the confluence with the Swan River	all		Aquatic Life (provisional)	L
COUCBL02c	Mainstem of the Blue River from the confluence with the Swan River to Dillon Reservoir	all		Aquatic Life (provisional), As	L/L
COUCBL04a	All direct tributaries to Dillon Reservoir and all tributaries and wetlands in the Blue River drainage above Dillon Reservoir.	Gold Run Gulch below Jessie Mine	Cd	Zn, As	H/L
COUCBL04a	All direct tributaries to Dillon Reservoir and all tributaries in the Blue River drainage above Dillon Reservoir.	Meadow Creek	Zn	Cu	H
COUCBL05	Mainstem of Soda Creek from the source to Dillon Reservoir	all		Aquatic Life (provisional)	H
COUCBL06a	Mainstem of the Snake River, including all tributaries and wetlands from the source to Dillon Reservoir, except for specific listings in Segments 6b, 7, 8 and 9.	all		Mn, Zn	H/L
COUCBL12	Mainstem of Illinois Gulch and Fredonia Gulch from their source to their confluence with the Blue River	all	As, Cu, Mn	Zn	M
COUCBL17	Mainstem of the Blue River from the outlet of Dillon Reservoir to the confluence with the Colorado River.	all	Aquatic Life		
COUCBL17	Mainstem of the Blue River from the outlet of Dillon Reservoir to the confluence with the Colorado River.	Blue River downstream of Green Mtn Reservoir		Temperature	H
COUCBL20	Mainstem of Elliott Creek and Spruce Creek including all tributaries and wetlands from their sources to the confluence with the Blue River	Spruce Creek	Fe(Dis)	As	H
COUCEA02	Mainstem of the Eagle River from the source to the compressor house bridge at Belden.	all		As	H
COUCEA05c	Eagle River, Martin Creek to Gore Creek	all		Cd, As, Fe(Dis)	H
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	all		As	L

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COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Black Gore Creek, adjacent to I-70	Aquatic Life	Sediment	H
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Mainstem of Lake Creek from below the confluence with East and West Lake Creek to the mouth		Aquatic Life (provisional)	L
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Beaver Creek from confluence with Wayne Creek to Mouth		Aquatic Life (provisional)	H
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Red Sandstone Creek from USFS Boundary to north side I-70 Frontage Road	Aquatic Life		
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Red Sandstone Creek from north side I-70 Frontage Road to confluence with Gore Creek		Aquatic Life (provisional)	L
COUCEA08	Mainstem of Gore Creek from the confluence with Black Gore Creek to the confluence with the Eagle River.	all		Aquatic Life (provisional)	L
COUCEA09a	Mainstem of the Eagle River from Gore Creek to a point immediately below the confluence with Squaw Creek.	all		As	L
COUCEA09a	Mainstem of the Eagle River from Gore Creek to a point immediately below the confluence with Squaw Creek.	Eagle River from confluence with Berry Creek to confluence with Squaw Creek		Sediment, Aquatic Life (provisional)	H
COUCEA09a	Mainstem of the Eagle River from Gore Creek to a point immediately below the confluence with Squaw Creek.	Eagle River from Gore Creek to confluence with Berry Creek	Sediment		
COUCEA09b	Mainstem of the Eagle River from Squaw Creek to the confluence with Rube Creek	all	As, Sediment		
COUCEA09c	Mainstem of the Eagle River from the confluence with Rube Creek to the confluence with the Colorado River	all		As	L
COUCEA10a	All tributaries to the Eagle River from Lake Creek to the Colorado River.	Eby Creek	Se		
COUCNP01	Tribs to the N Platte & Encampment Rivers w/in Wilderness Areas	South Fork Big Creek		As	H
COUCNP03	North Platte River from Grizzly & Little Grizzly Creeks to Wyo border	all	Fe(Dis)		L
COUCNP04a	Tributaries to the North Platte River except those tributaries in Segment 1, 4b, 6, 7a and 7b.	Canadian River	Fe (Dis), *E. coli*, Mn		
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Grizzly Creek, Little Grizzly Creek	As		
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Little Grizzly Creek		Aquatic Life (provisional)	H
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Lake Creek	Fe(Trec), Mn		
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Illinois River	Cu, Fe(dis)	As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	South Fork Big Creek		As	L
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Snyder Creek		As, Fe(Dis), Fe(Trec), Mn	H/L
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Sand Creek	Sediment		
COUCNP04b	Mainstem of the Illinois and Canadian Rivers, including all tributaries of the Illinois from Indian Creek to Michigan River except for specific listings in Segments 7a and 7b, and all tribs of Canadian entering the mainstem from the Southwest	Illinois River	Mn	As	L
COUCNP05b	Mainstem of the Michigan River from the source to the confluence with the North Fork Michigan River	all	Cu, Fe(Dis), Mn	As	L
COUCNP06	Mainstem of Pinkham Creek from the Routt National Forest boundary to the North Platte River	all	Cu		
COUCNP07b	Government Creek, Spring Creek	Spring Creek		D.O.	M
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	Big Creek Reservoir		Aquatic Life Use (Hg Fish Tissue)	H
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	North Delaney Lake		As	L
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	Lake John		pH, As	H
COUCRF02	Mainstem of the Roaring Fork River including all tributaries from the source to the confluence with Hunter Creek	all	Cu		
COUCRF03a	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	West Sopris Creek		Aquatic Life (provisional)	L
COUCRF03a	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	Roaring Fork from confluence with Hunter Creek to the confluence of Trentaz Gulch		Aquatic Life (provisional)	L
COUCRF03b	Red Canyon Creek including all tributaries and wetlands from the source to the Roaring Fork except Landis Creek from source to Hopkins Ditch Diversion	Landis Creek	Fe(Trec)		
COUCRF03c	Roaring Fork River, from the Fryingpan River to the Colorado River. Three Mile Creek, including all tributaries from the source to the Roaring Fork River	all		Temperature	H
COUCRF03d	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	Cattle Creek from Bowers Gulch to mouth		Aquatic Life (provisional)	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCRF07	All tributaries to the Fryingpan River	South Fork Frying Pan River from transbasin diversion to confluence with unnamed tributary (39.25128°N, -106.59442°W)		Aquatic Life (provisional)	L
COUCUC02	Mainstem of the Colorado River, including all tributaries and wetlands within or flowing into Arapahoe National Recreation Area.	Willow Creek, Stillwater Creek and Arapaho Creek		Temperature	H
COUCUC02	Mainstem of the Colorado River, including all tributaries and wetlands within or flowing into Arapahoe National Recreation Area.	North Inlet to Grand Lake		Cu	H
COUCUC02	Mainstem of the Colorado River, including all tributaries and wetlands within or flowing into Arapahoe National Recreation Area.	Colorado River from Shadow Mountain Reservoir to Granby Reservoir		Temperature	H
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	Lake Granby to Gore Canyon	As		
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	From 578 Road Bridge		Temperature	H
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	Mainstem of the Colorado River from the outlet of Windy Gap Resrvoir to Derby Creek	Aquatic Life		
COUCUC06b	Mainstem of unnamed tributary from the headwaters to Willow Creek Reservoir Road	all	D.O.		
COUCUC07a	All tribs to the Colorado River, including wetlands from a point abv the confluence with the Blue River to blw confluence with the Roaring Fork, which are not on National Forest Lands except specific listings in segment 7b.	Alkali Slough	Mn	Fe (Trec), Se, SO_4	L
COUCUC07a	All tribs to the Colorado River, including wetlands from a point abv the confluence with the Blue River to blw confluence with the Roaring Fork, which are not on National Forest Lands except specific listings in segment 7b.	Muddy Creek		Temperature, As	H/L
COUCUC07b	Muddy Creek from Wolford Mountain Reservoir. Rock Creek, Deep Creek, Sheephorn Creek Sweetwater Creek and Piney River.	Muddy Creek and tributaries		Temperature	H
COUCUC07b	Muddy Creek from Wolford Mountain Reservoir. Rock Creek, Deep Creek, Sheephorn Creek Sweetwater Creek and Piney River.	Muddy Creek		As, Mn	L
COUCUC08	Williams Fork River, including all tributaries from the source to the confluence with the Colorado river, except those listed in segment 9	Below Kinney Creek	Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCUC10a	Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, from the source to the Colorado River	Fraser River, Vasquez Creek		Aquatic Life (provisional)	L
COUCUC10a	Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, from the source to the Colorado River.	Ranch Creek		Temperature	L
COUCUC10a	Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, from the source to the Colorado River.	Vasquez Creek		Cu	H
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River.	all		As	L
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River	Hammond Ditch to the bottom of Fraser Canyon	Fe(dis)		
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River	Below Fraser Canyon		Fe(dis)	L
COUCUC12	Lakes and reservoirs within Arapahoe National Recreation Area, including Grand Lake, Shadow Mountain Lake and Lake Granby	Willow Creek Reservoir	As	Mn, Fe(dis)	L
COUCUC12	Lakes and reservoirs within Arapahoe National Recreation Area including Grand Lake, Shadow Mountain Lake and Lake Granby	Shadow Mountain Reservoir		D.O., As	H
COUCYA02a	Mainstem of the Yampa River from Wheeler Creek to Oak Creek.	Yampa River above Stagecoach Reservoir	Mn	As	L
COUCYA02b	Yampa River from Oak Creek to Elkhead Creek	all		Temperature, As	H/L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Bushy Creek		Sediment	L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Little Morrison Creek	Mn	As, Fe(Trec)	H/L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Gunn Creek		As, Zn	H/L
COUCYA04	Little White Snake Creek, source to Yampa River	all	D.O., Mn		
COUCYA08	Elk River source to Yampa River	Elk River below Morin Ditch		*E. coli*	H
COUCYA08	Elk River including tributaries and wetlands from the source to Yampa River	Lost Dog Creek	Hg, As, Zn		
COUCYA12	All tributaries to the Yampa River, including all wetlands, from the confluence with the Elk River to the confluence with Elkhead Creek, which are not on National Forest lands.	Wolf Creek		Aquatic Life (provisional)	M

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCYA13b	Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem of Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek.	all	Sediment		
COUCYA13b	Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem of Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek.	Fish Creek	*E. coli*		
COUCYA13d	Mainstem of Dry Creek, including all tributaries and wetlands, from the source to just above the confluence with Temple Gulch	all		Fe(Trec) (Snowmelt season)	L
COUCYA13e	Mainstem of Sage Creek, including all tributaries and wetlands, from its sources to the confluence with the Yampa River	all	Temperature		
COUCYA13e	Mainstem of Sage Creek, including all tributaries and wetlands, from its sources to the confluence with the Yampa River	Sage Creek below Routt County Road 51D		Se	L
COUCYA13h	Dry Creek including all tributaries from Temple Gulch to the Yampa River	all		Se	M
COUCYA13J	Mainstem of Grassy Creek, including all tributaries and wetlands, from the confluence with Scotchmans Gulch to the Yampa River near Hayden.	all	Se		
COUCYA15	Mainstem of Elkhead Creek and tributaries Calf Creek and 80A Road on the Dry Fork of Elkhead Creek, to the confluence with the Yampa River.	Elkhead Creek		As	H
COUCYA18	Little Snake River including all tributaries and wetlands from forest boundary to Wyoming border	all	Cu		
COUCYA18	Little Snake River including all tributaries and wetlands from forest boundary to Wyoming border	South Fork Little Snake River	As, Fe(Dis)		
COUCYA22	All lakes and reservoirs tributary to the Yampa River, Elkhead Creek, and the Little Snake River, except Elkhead Reservoir.	Lake Catamount		Aquatic Life Use (Hg Fish Tissue)	H
COUCYA23	Elkhead Reservoir	all		Aquatic Life Use (Hg Fish Tissue)	H

Appendix E: Category 4b Segments

AUID	Description	Causes	Size (Miles)
COSPUS15_A	Mainstem of the South Platte River from the Burlington Ditch diversion in Denver, Colorado, to a point immediately below the confluence with Big Dry Creek.	NH3, NO3	26.85
COSPMS01a_A	Mainstem of the South Platte River from a point immediately below the confluence with Big Dry Creek to the confluence with St. Vrain Creek.	NH3[1], NO3	18.93
COSPCL03a_B	Mainstem of South Clear Creek, including all tributaries and wetlands, from a point just above Clear Lake to confluence with Clear Creek	Aquatic Life	3.07
COSPCL03a_C	Mainstem of South Clear Creek, including all tributaries and wetlands, from Lower Cabin Creek Reservoir to Clear Lake, except for the specific listings in Segments 3b and 19.	Aquatic Life	0.40

[1]Current assessment cycle showed attainment of NH3 standard and NH3 has been moved to category 1 for AUID COSPMS01a_A