

CONSERVATION AGREEMENT AND STRATEGY

FOR

COLORADO RIVER CUTTHROAT TROUT  
(*Oncorhynchus clarki pleuriticus*)

in the States of  
Colorado, Utah, and Wyoming



April 2001

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## Acknowledgments

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<sup>1</sup>A Biology Committee was formed as an ad hoc technical expertise group to assist in development of the conservation strategy. This committee is not a standing committee and does not exist at this time.

# CONSERVATION AGREEMENT

## COLORADO RIVER CUTTHROAT TROUT (*Oncorhynchus clarki pleuriticus*)

This Conservation Agreement (Agreement) has been developed to expedite implementation of conservation measures for Colorado River cutthroat trout (CRCT) in Colorado, Utah, and Wyoming as a collaborative and cooperative effort among resource agencies. Threats that warrant CRCT listing as a special status species by state and federal agencies and might lead to listing under the Endangered Species Act of 1973, as amended, will be eliminated or reduced through implementation of this Agreement and the attached Conservation Strategy (Strategy).

### GOALS

To assure the long-term prosperity of Colorado River cutthroat trout throughout their historic range by establishing two self-sustaining meta-populations, each consisting of 5 separate, viable but interconnected sub-populations, in each Geographic Management Unit (GMU) within the historic range. The short-term goal is to establish one metapopulation in each GMU.

To maintain areas which currently support abundant Colorado River cutthroat trout and manage other areas for increased abundance,

To maintain the genetic diversity of the species, and

To increase the distribution of Colorado River cutthroat trout where ecologically, sociologically, and economically feasible.

### OBJECTIVES

To maintain and restore 383 conservation populations in 1754 stream miles and 18 populations in 652 lake acres in 14 GMUs within the historic range.

To eliminate or reduce threats to CRCT and its habitat to the greatest extent possible.

These goals and objectives will be reached by implementing specific management actions detailed in this Strategy and in existing and future conservation agreements/ strategies and management plans developed between the signatory agencies and other federal, state, local and nongovernmental agencies. Upon signing, the signatories agree to commit resources in terms of personnel and operational funding to conservation activities described in section IV herein to the extent that progress toward Strategy objectives from the baseline condition is measurable and documented. They also agree to ensure the implementation of those conservation actions detailed in the Strategy. The range-wide status of CRCT will be evaluated annually to assess program progress and amendments will be added to the Agreement and Strategy as appropriate to address newly identified conservation issues and to ensure program effectiveness.

## **I. OTHER SPECIES INVOLVED**

The primary focus of this Agreement is the conservation and enhancement of CRCT and the watersheds in Colorado, Utah, and Wyoming upon which they depend; however, other species occurring within or adjacent to CRCT habitat may also benefit. Some of these species include bluehead sucker (*Catostomus discobolus*), roundtail chub (*Gila robusta*), mountain sucker (*Catostomus platyrhynchus*), mottled sculpin (*Cottus bairdi*), and boreal toad (*Bufo boreas*). Using an ecosystem approach, the CRCT Agreement could reduce or possibly eliminate threats for several of these species.

## **II. INVOLVED PARTIES**

Colorado Department of Natural Resources  
Division of Wildlife  
6060 Broadway  
Denver, CO 80216

Utah Department of Natural Resources  
Division of Wildlife Resources  
1594 West North Temple  
Salt Lake City, UT 84114

Wyoming Game and Fish Department  
5400 Bishop Blvd.  
Cheyenne, WY 82006

United States Department of Interior  
Fish and Wildlife Service  
P.O. Box 25486  
Denver Federal Center  
Denver, CO 80225

United States Department of Agriculture  
US Forest Service  
Region 2  
P.O. Box 25127  
Lakewood, CO 80225

US Forest Service  
Region 4  
324 25th St.  
Ogden, UT 84401

United States Department of Interior  
Bureau of Land Management  
Colorado State Office  
2850 Youngfield St.  
Lakewood, CO 80215

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

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Wyoming State Office  
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Cheyenne, WY 82003

Ute Indian Tribe of the Uintah and Ouray Reservation  
P.O. Box 190  
Ft. Duchesne, UT 84116

Ute Indian Tribe  
Fish and Wildlife Department  
P.O. Box 190  
Fort Duchesne, UT 84116

National Park Service  
Intermountain Region  
12795 West Alameda Parkway  
Denver, CO 80225

Separate Memoranda of Understanding and Cooperative Agreements will be developed with other jurisdictions of federal land management agencies such as the U.S. Forest Service, Bureau of Land Management, and National Park Service and other additional, supporting entities as necessary to ensure implementation of specific conservation measures. In addition, interested government agencies and conservation groups will be given opportunity to review and provide input on specific actions.

### **III. AUTHORITY**

The signatory parties hereto enter into this Conservation Agreement and the attached Conservation Strategy under federal, state and tribal law, as applicable.



All parties to this Agreement recognize that they each have specific statutory responsibilities that cannot be delegated, particularly with respect to the management and conservation of wildlife, its habitat and the management, development and allocation of water resources. Nothing in this Agreement or the Strategy is intended to abrogate any of the parties' respective responsibilities.

This Agreement is subject to and is intended to be consistent with all applicable Federal, Tribal and State laws and interstate compacts.

This instrument in no way restricts the parties involved from participating in similar activities with other public or private agencies, organizations or individuals.

The State of Wyoming and the Commission do not waive sovereign immunity by entering into this Agreement, and specifically retain immunity and all defenses available to them as sovereigns pursuant to Wyoming Statute 1-39-104(a) and all other state laws.

The Ute Indian Tribe and its Fish and Wildlife Department do not waive sovereign immunity by entering into this Agreement and specifically retain all immunity and all defenses available to them as sovereigns. With respect to species management associated with this Agreement, the State of Utah and the Ute Indian Tribe are viewed as having jurisdictional authority relative to species management. In addition, the Ute Indian Tribe maintains jurisdictional authority for habitat and land use management on tribal lands.

Modifications within the scope of this instrument shall be made by a bilaterally-executed modification prior to any changes being performed.

#### **IV. CONSERVATION ACTIONS**

The Strategy clearly outlines the actions to be implemented for the conservation of CRCT over the next three to five years. In addition, four general administrative actions, as outlined below, will be implemented.

##### ***Coordinating Conservation Activities***

Administration of the Agreement will be conducted by a Coordination Team. The team shall consist of one designated representative from each state and tribal wildlife agency, one from the Fish and Wildlife Service, one each from the Bureau of Land Management and the Forest Service. The team may also include technical and legal advisors and other members as deemed necessary by the signatories.

The designated team leader will rotate annually among the representatives from the three state wildlife agencies involved.

Authority of the Coordination Team shall be limited to making recommendations for the conservation of CRCT to the Administrators of the signatory agencies.

The Coordination Team will meet annually to develop range-wide priorities, review the annual conservation work plans developed for each state, coordinate tasks and agency resources to most effectively implement the work plan, and review and revise the Strategy as required.

The Coordination Team will meet on a semiannual basis to report on progress and effectiveness of the Strategy implementation.

Coordination Team meetings will be open to the public. Meeting decision summaries and progress reports will be distributed to the Coordination Team and to other interested parties upon request.

### ***Implementing a Conservation Schedule***

A total of 10 years is anticipated for completion of all actions identified and specified in the Strategy. The parties agree that significant actions to benefit CRCT will be implemented and documented within the first five (5) years.

Conservation actions will be scheduled and reviewed on an annual basis by the signatory agencies based on recommendations from the Coordination Team. Activities that will be conducted during the first 3-5 years are listed in the Strategy. The Strategy is a flexible document and will be revised annually as necessary.

Each signatory to the Agreement will coordinate, implement and monitor conservation actions they and their cooperators are responsible for as designated in the annual work plan. The Coordination Team will review accomplishments by the signatory agencies and their cooperators in the context of progress toward Strategy goals and objectives.

### ***Funding Conservation Actions***

Funding for the Agreement will be provided by a variety of sources. Federal, State and local sources will need to provide or secure funding to initiate procedures and tasks of the Agreement and Strategy.

It is understood that all funds expended in accordance with this Agreement are subject to approval by the appropriate local, state or Federal appropriations. This instrument is neither a fiscal nor a funds obligation document. Any endeavor involving reimbursement or contribution of funds between parties to this instrument will be handled in accordance with applicable laws, regulations, and procedures, including those for Government procurement and printing. Such endeavors will be outlined in separate agreements that shall be made in writing by representatives of the parties and shall be independently authorized by appropriate statutory authority. This instrument does not provide such authority. Specifically, this instrument does not establish authority for noncompetitive

awards to the cooperator of any contract or other agreement. Any contract or agreement for training or other services must fully comply with all applicable requirements for competition.

### ***Conservation Progress Assessment***

An annual range-wide assessment report of progress towards implementing actions identified in this Agreement will be provided to the signatory agencies by the Coordination Team. Copies will be made available to cooperators and interested parties upon request.

## **V. DURATION OF AGREEMENT**

The initial term of this Agreement shall be five (5) years. Prior to the end of each 5 year period, a thorough analysis of actions implemented for the species will be conducted by the Coordination Team. If all signatories agree that sufficient progress has been made towards the conservation of CRCT this Agreement shall be extended for an additional 5 years. Any party may withdraw from this Agreement on sixty (60) days written notice to the other parties.

## **VI. NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE**

Signing this Agreement is covered under authorities outlined in section III listed above. We anticipate that any survey, collection or non-land disturbing research activities conducted through this Agreement will not entail significant Federal actions under NEPA and will be given a categorical exclusion designation. However, each signatory agency holds the responsibility to review planned actions for their area of concern to ensure conformance with existing land use plans and to insure NEPA compliance.

## **VII. FEDERAL AGENCY COMPLIANCE**

During the performance of this Agreement, the participants agree to abide by the terms of Executive Order 11246 on non-discrimination and will not discriminate against any person because of race, color, religion, sex or national origin.

No member or delegate to Congress or resident Commissioner, shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this Agreement if made with a corporation for its general benefit.





# **CONSERVATION STRATEGY**

## **COLORADO RIVER CUTTHROAT TROUT (*Oncorhynchus clarki pleuriticus*)**

### **INTRODUCTION AND BACKGROUND**

This Conservation Strategy has been initiated by the wildlife agencies in Colorado, Utah and Wyoming to reduce threats to the subject species, to stabilize and enhance its populations, and to maintain its ecosystems. The Strategy is designed to provide a framework for the long term conservation of Colorado River cutthroat trout (CRCT), and to reduce or eliminate the threats that warrant its status as a sensitive species or species of special concern by federal and state resource agencies. To address these threats, there must be a strong effort towards restoration and a clear allocation of resources for that purpose. To be most effective, this Strategy must be implemented in its entirety.

The Strategy is based on work plans and programs developed by state wildlife management field units and cooperating federal, state, local and nongovernmental agencies in each of the three states. Five conservation plans for CRCT in the three states (Sealing et al. 1992, Interagency Plan 1993 and 1994, Langlois et al. 1994, UDWR 1997) were being implemented independently prior to the initiation of this Strategy. In 1994, member states of the Colorado River Fish and Wildlife Council (a consortium of State Fish and Wildlife agency directors) recognized the need for state wildlife agencies to coordinate conservation actions for the Colorado River cutthroat trout and other native species, and directed Colorado, Utah, and Wyoming to develop a coordinated approach. This Strategy is the product of that decision. The first draft of the Strategy (CRCT Conservation Task Group, 1996) identified several issues and technical questions which needed resolution.

In April, 1997, the Colorado River Fish and Wildlife Council (CRFWC), acting on the advice of the CRCT Conservation Task Group, established a two-level committee structure to resolve these items. A Coordination Committee was assigned to facilitate inter-agency communication and a Biology Committee was assigned to provide technical input on the identified questions. Names and affiliations of members of these committees, along with names of other reviewers and participants, are provided (see Acknowledgments). Although consensus was not reached on some questions, a great deal of progress was made, and the Strategy was finalized in March 1999 and signed by the Fish and Wildlife Service and the Directors of the wildlife agencies in Colorado, Utah and Wyoming.

The Coordination Team established by the Strategy met in December 1999 and found that there were still significant questions surrounding the genetics definitions used in the Strategy and that these were causing problems in implementing the Strategy. At that time, the Forest Service and the BLM also expressed interest in becoming formally involved in the Strategy. Subsequently

discussions were held with representatives of the Ute Indian Tribe's Fish and Wildlife Department concerning its participation. This revision of the Strategy contains new genetics definitions and includes updated information on CRCT waters from all three states. It includes signatures from the Forest Service, the BLM, and the Ute Indian Tribe along with those of the Fish and Wildlife Service and Colorado, Utah and Wyoming state wildlife agencies.

## **STATUS AND DISTRIBUTION OF THE SPECIES**

The Colorado River cutthroat trout historically occupied portions of the Colorado River drainage in Wyoming, Colorado, Utah, Arizona, and New Mexico (Behnke 1992). Its original distribution probably included portions of larger streams, such as the Green (Simon 1935), Yampa, White, Colorado, and San Juan rivers. Behnke and Zarn (1976) suggested this subspecies was absent from the lower reaches of many large rivers because of summer thermal barriers. However, other subspecies of cutthroat trout have demonstrated seasonal migrations over 100 km, usually upstream in spring and downstream in autumn (Bjornn and Mallet 1964). Brown trout have moved over 35 km in late fall to habitats considered marginal in summer (Meyers et al. 1992). It is feasible to speculate that the lower reaches of the rivers within the Colorado River cutthroat trout range may have become acceptable habitat in winter as water temperatures moderated and this may partially explain the disjunct historical distribution apparent for this subspecies.

Now remaining populations occur mostly in headwater streams and lakes. Young (1995) determined most lotic populations were in isolated, headwater streams with average daily flows less than 0.85 m<sup>3</sup>/s (30 cfs). Stream gradients usually exceeded 4%, and all fish were found above 2,290 m (7500 ft). Considerable research has been focused on inland cutthroat trout in general and Colorado River cutthroat trout in particular. Summaries of the life history and ecological requirements of this subspecies may be found in Behnke (1979, 1992), Behnke and Zarn (1976), Young (1995), and Young et al. (1996). Further references on the Colorado River cutthroat trout and topics related to their conservation and management are included in a bibliography included in this Strategy.

Without doubt, the distribution and abundance of Colorado River cutthroat trout have declined (Young 1995, Martinez 1988, Binns 1977, Behnke and Zarn 1976). Behnke (1979) stated that the Colorado River cutthroat trout occupied less than 1% of its historical range. Young (1995) indicates most adfluvial stocks have been lost, though some populations have been reestablished in lakes in Rocky Mountain National Park from a population stocked in the Williamson lakes, California, in 1931 (Pister 1990). These reviews were based on summaries of information contained in various agency reports. The authors, however, did not conduct range-wide population or field surveys to generate their reports. The information contained in these reports, therefore, give a general overview of the decline of the subspecies but they do not contain specific information on the subspecies= status throughout its range.

Colorado River cutthroat trout have hybridized with non-native salmonids in many areas;

impacts to the genetic integrity of this subspecies are clearly recognized as a major influence upon its status. Although there is still some disagreement about the role that hybridized populations should play in status determinations and conservation strategies of any species, recent clarifications of the U.S. Fish and Wildlife Service policy on this topic provide guidelines which were used in this document. These guidelines were interpreted in terms of genetic purity definitions for CRCT, which suggest that, in general, populations with less than 10% introgression meet the intent of the policy and provide a practical and meaningful framework for assessing the status of the species. Populations meeting this genetic criterion are defined as conservation populations for this strategy.

The Colorado River cutthroat trout is designated as a special status species by Colorado, Utah and Wyoming. Prior to 1995, this fish was a Federal Category 2 candidate species, but does not occur in the candidate list proposed by the U.S. Fish and Wildlife Service in 1996 (50 CFR Part 17, 61 FR 7600). Use of categories 1, 2, etc. was eliminated in this proposed rule. The Colorado River cutthroat trout is classified as a sensitive species by Regions 2 and 4 of the USFS and by the BLM in Colorado and Utah.

Conservation activities being implemented through existing plans in Colorado, Wyoming, and Utah have included inventories of known and Anew $\cong$  CRCT populations and further morphomeric and genetic tests for relative purity. During the spring of 1998, the Coordination Committee instructed agency biologists to compile this information on existing CRCT waters in their areas as a first step in determining the numbers of pure, viable populations within the tri-state area.

The CRFWC Committees agreed that most waters within the historic range are potential CRCT waters, and developed an electronic database to hold, for all waters, data which the Committees agreed are important in evaluating the rangewide status of CRCT. The data available as of January 1, 2001 are presented in Appendices A, B, and C. The database may be queried on the basis of one or several of these data points to generate range-wide listings of waters reflecting many different perspectives. The baseline database contains information on stream miles or lake acres occupied by each population, genetic purity rating, numbers of CRCT > 150 mm (6 in), type(s) of barrier(s), type(s) of other salmonid(s) present, CRCT stocking history, and limiting habitat factors.

The numbers of, and stream mileage or lake acreage occupied by, conservation populations of CRCT are presented in Table 1. These results show pure and essentially pure populations of CRCT are still represented in many stream drainages across the three states. Though the bulk of the existing populations are found in only five of the 14 geographic management units (GMU), some pure or essentially pure populations are present in every GMU, and provide potential to maintain and enhance the genetic diversity of this subspecies.

There is still some uncertainty about the numbers and status of remaining populations of CRCT. The number of populations that ultimately should be managed for the long-term conservation of this subspecies may differ from number of populations included in this status assessment (Appendix A). Many populations in Utah have not been evaluated for genetic purity. In Colorado, 20 to 30 populations that were founded many years ago from Trappers Lake stock await a



final determination on the genetic purity of that stock before their status in conservation planning can be assessed. The issues surrounding a method for measuring viability or stability of the different populations also need to be resolved. However, there is no doubt that significant conservation actions must be implemented to prevent further decline of this fish.

In 1996, the U.S. Fish and Wildlife Service and the National Oceanic and Atmospheric Administration proposed and adopted policy rules that influence a status assessment and conservation of Colorado River cutthroat trout: 1) The proposed Policy on the Treatment of Intercrosses and Intercross Progeny (the issue of hybridization)(50 CFR Part 424, 61 FR 26), and 2) the Policy Regarding the Recognition of Distinct Population Segments under the Endangered Species Act (50 CFR Part IV, 61 FR 26). The proposed policy in (1) has not been finalized.

The proposed Intercross Policy asserts that the U.S. Fish and Wildlife Service's responsibility for conserving species under ESA extends to hybrids (intercrosses) if (1) the progeny share traits that characterize the taxon of the listed parent, and (2) the progeny more closely resemble the listed parents taxon than an entity intermediate between it and the other known or suspected non-listed parental stock. The proposed policy also makes the distinction that it applies to individuals not to populations. Populations can contain individuals that represent the protected species and individuals that are intercross progeny between the protected species and another.

The policy regarding distinct population segments (DPS) requires that the U.S. Fish and Wildlife Service consider three elements in decisions regarding the status of a possible DPS: (1) discreteness of the population segment in relation to the remainder of the species to which it belongs; (2) the significance of the population segment to the species to which it belongs, and (3) the population segments conservation status in relation to ESA standards for listing. This policy recognizes the importance of unique taxonomic units in the conservation management of a species.

The application of these policies to the conservation of Colorado River cutthroat trout requires that the status assessment be continued by compiling information for each individual population. In this manner, the influence of hybridization and the presence of unique characteristics of distinct population segments can be determined across and within the designated GMUs. It follows that populations that contain varying degrees of hybridization may need to be conserved throughout the range.

Table 1. Numbers and miles/acres of CRCT conservation populations in Colorado, Utah and Wyoming known to exist on March 30, 2001.

Geographic Management Units	Existing CRCT Populations			
	In Streams		In Lakes	
	numbers	Miles	Numbers	Acres
State of Colorado-Total	125	319.7 +	28	672.1
Colorado	76	159.6+	19	234.0
Dolores	4	9.0	0	0
Gunnison	11	47.5	3	78.1
San Juan	11	31.6	1	18.0
White	4	11.0	2	291.0
Yampa	19	61.0	3	51.0
State of Utah-Total	35	177.05	6	110.6
Northeastern	20	121.6	4	106.9
Southeastern	7	32.2	0	0
Southern	8	23.25	2	3.7
State of Wyoming-Total	70	279.3	3	104.5
Black=s Fork/Eastside	10	43.4	0	0
East Fork	1	11.0	1	28.0
Little Snake	36	97.2	0	0
Upper Green	3	17.3	1	5.5
Westside	20	110.4	1	71.0
Grand Total	227	776.05+	37	887.2

+ = mileage or acreage information is incomplete

## DEFINITIONS AND ISSUES

### A. Geographic Management Unit:

The range of the Colorado River cutthroat has been divided into 14 geographic management units (GMUs) to bring a finer level of resolution to descriptions of population and habitat distribution and related maintenance and restoration work. These GMUs reflect common sense divisions of large areas based on river drainages. They do not necessarily reflect important differences in genetic variability in the fish based in geography or other types of adaptation to specific environments. As knowledge of the genetic variability of the fish increases, planning and management should become increasingly based on conservation of the range of distinct population segments (DPS) that comprise the genome of the subspecies. This conceptual approach is assumed to be analogous to evolutionarily significant units (ESUs) as summarized by Monroe and Nielsen (1994).

### B. Conservation and Core Conservation Populations:

A conservation population is a reproducing and recruiting population of native cutthroat trout that is managed to preserve the historical genome and/or unique genetic, ecological, and/or behavioral characteristics within specific populations and within geographic units. Populations are further defined by quantifying introgression (for details, see Item E, below). In general, a conservation population is at least 90% cutthroat trout ( $\leq 10\%$  introgression), but may be lower depending on circumstances. These populations retain all of the phenotypic attributes associated with the subspecies. This definition includes situations where genetically pure individuals coexist with introgressed individuals or they occur as hybrid swarms.

Protection of introgressed populations is consistent with the U.S. Fish and Wildlife Service proposed policy on the Treatment of Intercrosses and Intercross Progeny (Federal Register 61(26), 02/07/96). Since one of the goals of the CRCT Conservation Strategy is to preserve as much CRCT genetic diversity as possible, it may be necessary to accept a small amount of hybrid influence in order to preserve a larger amount of CRCT diversity. This definition addresses these policy guidelines and strategy goals while honoring the overall intent of species restoration efforts.

A water contains a CRCT conservation population if it is reproducing and recruiting as a geographically distinct group, or is being managed through periodic stocking for the purpose of maintaining a genetic refugium. These populations should not receive genetic material from other populations unless there is evidence that unique population attributes can be maintained. These populations should not be used to develop broodstock for subspecies preservation purposes, but may be considered as sources for introductions or reintroductions when the objective is to duplicate unique ecological, genetic or behavioral attributes. Naturally reproducing conservation populations equate to subpopulations within a metapopulation. Genetic refugia populations maintained by stocking will serve as an interim management tool while working toward metapopulation objectives.

A core conservation population is a conservation population that is >99% pure, phenotypically true, and representative of the historic genome of the native cutthroat trout. Core populations contain cutthroat trout that have not been impacted by genetic alteration linked to human intervention. These populations serve as the primary source of gametes for introductions and re-introductions through transplants, and for broodstock development. These populations should not receive genetic material from other population sources unless there is evidence that inbreeding depression, random genetic drift or other factors have put the population in jeopardy.

Earlier categorizations of CRCT populations based on genetic purity relied on an A-D purity rating. During the transition between that system and the one outlined above, populations that were rated B or better under the old system will be considered conservation populations, and those that were rated A+, A, and A- under the old system will be considered core conservation populations.

C. Viability or Stability:

The Coordination Committee adopted a definition of population viability based on criteria from Rieman and McIntyre (1993). However, further study by the Biology Committee determined that these criteria were not helpful to the CRCT conservation program at this time. Some small, isolated populations of CRCT have been stable for many years and it is clear that there are significant uncertainties surrounding ecological requirements for persistence of this species.

The Combined Committees agreed on the need for a consistent way to describe the condition of the different populations across the range of CRCT so that it would be clear which populations were stable and which were at risk of decline. They developed the concept of a stability index that would describe the variation in condition over the range of existing populations using factors known to be critical to CRCT survival. Although such an index would not predict absolute viability or probability of persistence, it could give flexibility in describing CRCT populations as they exist today and provide a framework for measuring progress in improving the conditions for those populations.

However, after considerable effort toward developing this index within the necessary time frame, there was still enough uncertainty among team members on its structure and utility that the concept was tabled until a decision could be made either to continue with its development or use simpler measures of stability.

D. Baseline:

The Combined Committees agree and want to emphasize that most waters in the historic range of CRCT are potential restoration areas. Factors such as presence of hybrid fish or absence of barriers should not be viewed unilaterally as precluding inclusion of the water in the CRCT restoration process. To facilitate this broader perspective, the baseline for CRCT conservation in the tri-state area was defined as all waters with potential to support CRCT given appropriate

management.

Rather than selecting a single subset of these waters as a standard for assessing the range-wide population, a database was developed to hold, for all waters, data which the Committees agreed are important in evaluating the status of CRCT. The database can then be queried on the basis of one or several of these data points to generate range-wide listings of waters reflecting many different perspectives. The baseline database contains information on stream miles or lake acres occupied by each population, genetic purity rating, numbers of CRCT > 150 mm (6 in), type(s) of barrier(s), type(s) of other salmonid(s) present, CRCT stocking history, and habitat limiting factors. The data available as of January 1, 2001 are presented in Appendices A, B and C.

E. Introgression:<sup>1</sup>

Introgression is reproduction between a native cutthroat trout subspecies and other cutthroat subspecies (intraspecific) or other salmonid species (interspecific), and occurs in varying degrees among populations. Some introgressed populations may offer genetic, ecological, or behavioral attributes valuable to conservation efforts for the subspecies. Measures of introgression are varied among research entities and governmental management agencies. In an effort to promote a unified approach to quantifying introgression, the following formula to calculate (1) percent introgression and (2) genetic sample size (GSS) will be used:

$$(1) \quad \% \text{ introgression} = \frac{\text{(Total number of nonnative alleles in sample)}}{\text{(total number of alleles per individual) X (total number of individuals)}} \times 100$$

$$(2) \quad \text{GSS} = (\# \text{ of individuals}) \times (\# \text{ of diagnostic markers}) \times (\# \text{ of diagnostic alleles per locus})$$

A GSS of at least 460 will be required to quantify the  $\leq 1\%$  interspecific introgression (e.g. CRCT x rainbow trout) for core conservation populations with 99% confidence that this estimate is within 1%. For example, if there are eight markers and two alleles per locus being used for molecular analysis, then a sample size of at least 29 individuals will be required to provide 99% confidence that the population is within 1% of the desired 99% CRCT definition for core conservation populations. A GSS of at least 230 will be required to quantify the  $\leq 10\%$  interspecific introgression for conservation populations with 90% confidence the estimate is within 1% of the desired 90% CRCT definition. There is no stipulation on the genetic sample size required to quantify levels of intraspecific introgression (e.g. CRCT x Yellowstone cutthroat). This is due to the paucity of diagnostic markers available at this time to distinguish among the inland cutthroat trout subspecies.

The use of both allozymes and nuclear DNA analyses (e.g. microsatellites, RAPDS, PINES) are acceptable analytical techniques. All markers used must be diagnostic for the nonnative species

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<sup>1</sup> See "Cutthroat Trout Management: A Position Paper. Genetic Considerations Associated with Cutthroat Trout Management." December 29, 2000. Publication No. 00-26, Utah Division of Wildlife Resources, Salt Lake City.

and Colorado River cutthroat trout. In situations where allozyme analysis is used (requiring lethal sampling), collection of a full sample to achieve desired 90-99% confidence of estimates ( $\pm 1\%$ ) of percent introgression levels recommended for conservation and core conservation populations may jeopardize long term health of the population. For these populations, collection of a full sample may be accomplished over two or more years.

While accurate estimates of % introgression are strongly encouraged; and 90% and 99% introgression levels with 90-99% confidence are recommended for conservation and core conservation populations, it is recognized that these are objectives we shall aspire to as we categorize existing or restored CRCT populations as “conservation” or “core conservation” populations.

Earlier categorizations of CRCT populations based on genetic purity relied on an A-D purity rating. During the transition between that system and the one outlined above, populations that were rated B or better under the old system will be considered conservation populations, and those that were rated A+, A, and A- under the old system will be considered core conservation populations. The overriding intent of this genetic strategy is to preserve, protect and enhance the purity and diversity of the genome of Colorado River cutthroat trout across its range as circumstances permit.

F. Hybrid

A hybrid is an individual fish, not a population, and is a fish that has cross-bred with other salmonids, commonly rainbow trout or other cutthroat subspecies. Populations containing hybrids offer genetic and ecological value to conservation efforts. The number of individuals and/or genes in a population that are hybrids can vary from population to population. The percentage of hybrid genes expressed in populations therefore, can be used as a relative measure of hybridization. This measure can be used to assess the role of those populations in the conservation of the subspecies.

G. Metapopulation

A collection of localized populations that are geographically distinct yet are genetically interconnected through natural movement of individual fish between populations.

H. Phenotype

The physical manifestation of the interaction of an organism's genetic information with its environment which results in a unique physical, physiological or behavioral trait.

## **PROBLEMS CONTRIBUTING TO THE DECLINE OF THE SPECIES**

### **A. Present or threatened destruction, modification or curtailment of the species' habitat or range:**

Young (1995) determined that introductions of non-native salmonids may have had the greatest effect on Colorado River cutthroat trout. Stocking of these non-native salmonids was widespread since before 1900. Non-native salmonids affect populations of Colorado River cutthroat trout in different ways. Brook trout are known to replace most subspecies of inland cutthroat trout when in sympatry, especially at lower elevations and in low-gradient streams (Oberholtzer 1990, Fausch 1989, Behnke and Zarn 1976, Eiserman 1958). Competition is often suspected as the mechanism leading to replacement, but this has not been demonstrated (Fausch 1988; Griffith 1988). Nonetheless, water temperature can affect the outcome of competitive interactions between these species (DeStaso and Rahel 1994), and this may confer a competitive advantage to brook trout at lower elevations.

Rainbow trout and non-native subspecies of cutthroat trout readily hybridize with Colorado River cutthroat trout and produce fertile offspring (Martinez 1988, Behnke and Zarn 1976, Snyder and Tanner 1960). Introductions of non-native salmonids into existing populations of native trout populations by State and Federal fish and wildlife agencies have ceased, and do not represent an ongoing practice or expanding threat. However, private organizations and individuals may, on occasion, be illegally stocking waters with fish which may hybridize or compete with cutthroats

A wide variety of land management practices have been suggested to affect populations of Colorado River cutthroat trout, including overgrazing (Binns 1977), heavy metal pollution (Oberholtzer 1987, Jespersen 1981, Quinlan 1980), and water depletion and diversion (Jespersen 1981). Some of these practices have served to isolate upstream populations of Colorado River cutthroat trout and protected them from invasion by non-native salmonids, but they also serve to fragment streams, restricting movement between formerly connected populations and creating small, isolated populations that may be more likely to go extinct.

Even when the effects of land management are discernable in aquatic ecosystems, the consequences for fish may be unknown. Young (1995) describes an example of differential habitat effects where production of juvenile trout benefited at the expense of adult habitat. Behnke and Benson (1980) have described the Colorado River cutthroat trout as the "canary in the mine" with regard to habitat degradation, but it has also persevered in suboptimal habitats. Binns (1977) found that Colorado River cutthroat trout persisted sometimes in marginal and degraded habitats, and often as the only fish species. Behnke and Zarn (1976) reported that Colorado River cutthroat trout persisted in such habitats despite introductions of rainbow trout.

Habitat problems are viewed as site specific and not an overall threat throughout the range. Wyoming has implemented a number of on-going watershed projects (e.g. Little Mountain, Labarge) that focus on entire systems and permit reconnection of stream populations to enhance

metapopulations. Colorado has a policy that native cutthroat and their habitat shall be protected from stocking of non-native salmonids and whirling disease. Utah has established a statewide stocking policy which states that stocking for sportfishing recreation will be consistent with native cutthroat trout conservation programs, goals, and objectives. The Ute Tribe has also adopted a fish stocking policy consistent with Utah for native cutthroat trout stocking and distribution.

Existing headwater habitats that already support wild trout populations are being converted to native trout habitat. Colorado River cutthroat trout reclamation projects started within Rocky Mountain National Park in 1979, and other projects are being completed through reclamation projects funded by GO Colorado Legacy grants (Yampa River) and CUP mitigation grants (Colorado River). Federal land management agencies (FS and BLM) are signatory participants with responsibilities for habitat enhancement in all three states.

B. Overutilization of the species for commercial, recreational, scientific or educational purposes:

Quinlan (1980) and Eiserman (1958) report instances wherein Colorado River cutthroat trout demonstrated an ease of capture by anglers that could be translated into vulnerability to overharvest. However, overharvest is not considered a problem to these fish at this time. Special regulations requiring catch-and-release, very limited harvest, and terminal tackle restrictions have demonstrated effectiveness in maintaining trout populations in the face of a wide range of fishing pressure, and have been applied to native cutthroat waters in all three states. Location of CRCT populations in remote headwater drainages and small streams with difficult access has had an isolating, protective effect from fishing pressure.

The tendency for these populations to be composed largely of small-sized fish has also served to protect these populations from angling pressure. Wyoming has closed some cutthroat waters to fishing to prevent excessive angler harvest. The National Park Service has closed four waters to fishing to protect broodstocks, small populations, and spawning fish. The Colorado Division of Wildlife is considering expanding the use of closures to protect important conservation populations of native cutthroat trout (Krieger et al. 1998). Monitoring of wild native cutthroat trout populations that support fisheries is a continuous process in all three states.

C. Disease or predation:

Cutthroat trout are susceptible to common salmonid diseases, including whirling disease, which is caused by the myxosporean *Myxobolus cerebralis* (Markiw 1992). Colorado River cutthroat trout exposed to *M. cerebralis* (MC) in sentinel fish experiments suffered significantly greater mortality from the infection than most other non-native salmonids (Nehring 1998). Very little is known about other diseases and parasites of this subspecies. Young (1995) found that cutthroat may not avoid predators as well as some other salmonids.

Transmission of diseases to wild cutthroat populations through hatchery-based fish stocking



is recognized as the most significant potential threat. In Wyoming and Utah, statewide policies and regulations address fish health status, disease certification of stocked and imported fish, and stocking protocols, which are designed to reduce disease threats. Fish testing positive for MC in Wyoming and Utah hatcheries will not be stocked. In addition, fish are not stocked into established wild populations.

In Colorado, a policy on MC clearly designates native cutthroat trout waters and other wild trout habitats that are MC negative as a protected category where only fish that have tested negative for MC using polymerase chain reaction (PCR) protocol may be used to release into these habitats, and these tests must be performed within 60 days of the desired stocking date. Colorado also has regulations for disease-free certification for seven salmonid pathogens in imported fish and a policy requiring use of isolation/quarantine units while propagating native cutthroat stocks to decrease risk of transmitting salmonid pathogens.

D. Absence of regulating mechanisms adequate to prevent decline of the species or degradation of its habitat:

Colorado River cutthroat trout is designated as a special status species by Colorado, Utah and Wyoming. The fish is classified as a sensitive species by Regions 2 and 4 of the USFS and by the BLM in Colorado and Utah. As such, native cutthroat trout populations are protected by state regulations concerning stocking restrictions, fishing closures, harvest and gear restrictions, stream barriers to fish passage, and disease control. These approaches are considered to be effective in reducing the threats of hybridization with other salmonids, overharvest by angling, and disease (Bennett et al. 1996).

Further federal protection for Colorado River cutthroat trout habitat is found in the Clean Water Act, NEPA, and other federal mandates such as the U.S. Forest Service Sensitive Species and Wilderness Areas programs. In conjunction with state species management objectives for native cutthroat trout, these federal mandates make protection and enhancement of their habitat both high profile and high priority within these federal agencies.

In Colorado, the Division of Wildlife and National Park Service have placed the highest priority on protection of native cutthroat trout populations. The Division of Wildlife has implemented regulations consistent with its Statewide Fish Management Policy and Whirling Disease Policy. These regulations prevent the stocking of non-native salmonids in CRCT populations, and minimize their exposure to MC and other diseases through stocking restrictions and rigorous disease testing of wild and hatchery salmonid populations.

Threats to depletion of stream flow regimes are reduced through filing for minimum instream flow rights with the Colorado Water Conservation Board. As of 1996, 7,255 stream miles in 1,222 stream segments are protected by decree, including waters within the Colorado, Gunnison, San Miguel, Yampa, White, San Juan and Dolores rivers (CWCB 1996). Regulatory controls of water quality in Colorado are implemented by the Colorado Water Quality Control Division and

Commission. Water quality standards are already in place to protect the maintenance of aquatic life in coldwater environments, and special resource restrictions are also available to provide further site-specific protection to water quality.

In Wyoming, the State Division of Environmental Quality implements water quality regulations and controls. The Wyoming Game and Fish Department has submitted instream flow filings for 29 stream segments (103 miles) to protect stream flows for CRCT. In Utah, threats to CRCT populations are being addressed through an existing conservation agreement and strategy approved by the state's Division of Wildlife Resources and Reclamation Mitigation and Conservation Commission, and the U.S. Fish and Wildlife Service, Bureau of Land Management, Forest Service, and Bureau of Reclamation (UDWR 1997). Therefore, lack of regulating mechanisms to prevent species decline or habitat degradation does not constrain this conservation effort.

E. Other natural or manmade factors affecting continued existence of the species:

The impacts of stocking non-native trout species on native cutthroat trout populations, and the use of hatchery-raised fish to augment wild populations are two significant areas of concern. The first of these issues has been addressed in all three states as evidenced above in the description of management policy and priorities for native cutthroat trout populations and habitat, disease control, and fishing restrictions. Information provided herein regarding the assessment of the baseline of existing populations and their genetic purity status demonstrates the management concern being devoted to maintaining the genetic integrity of existing wild stocks and populations.

Stocking of non-native trout by private interests is regulated in Colorado, Utah, and Wyoming to protect native cutthroat populations. Stocking of native cutthroat trout is used to restore naturally functioning populations within historic range. Protocols are described for the appropriate use of native fish from wild populations for captive broodstock development, reclamation projects resulting in new populations, and translocations based on genetic purity rating. These activities are also guided by genetic protocols and quantifiable population objectives.

The intent of this tri-state strategy is to make these protocols and objectives consistent among the natural resource agencies charged with management responsibilities over CRCT and their habitat. In Wyoming policy has been developed that enables CRCT to be provided to private landowners if such action will benefit cutthroat management objectives. Colorado has developed a conservation agreement process to promote the expansion of native cutthroat trout populations in privately-owned waters.

## CONSERVATION STRATEGY

### **The primary goal of the Conservation Strategy for Colorado River cutthroat trout is**

To assure the long-term prosperity of Colorado River cutthroat trout throughout their historic range by establishing two self-sustaining meta-populations, each consisting of 5 separate, viable but interconnected sub-populations, in each GMU within the historic range. The short-term goal is to establish one metapopulation in each GMU.

The cooperators envision a future where Colorado River cutthroat trout swim freely and reproduce naturally in as much of their historic range as possible.

### **Further goals of the Conservation Strategy are:**

To maintain areas which currently support abundant Colorado River cutthroat trout and manage other areas for increased abundance,

To maintain the genetic diversity of the species, and

To increase the distribution of Colorado River cutthroat trout where ecologically and economically feasible.

### **The objective of the Conservation Strategy for Colorado River cutthroat trout is**

To maintain and restore 383 conservation populations in 1754 stream miles and 18 populations in 652 lake acres in 14 GMUs within the historic range.

Objective setting for Colorado River cutthroat conservation will necessarily be a fluid and adaptive process. Although this objective is presented in terms of numbers of populations and the miles or acreages that they occupy, the most meaningful framework for conservation activity is the long-term stability of the at-risk species and ecosystem. This objective embodies the concept that to maintain and restore a population involves work to increase the ecological stability of the population if it is less than optimum.

In Utah, future objectives will be based on historically occupied stream miles categorized by stream order to ensure that all historical stream and watershed types are represented. Colorado has estimated as much as 900 stream miles in 171 streams may be suitable as CRCT habitat (Bennett et al. 1996). All three states should be moving toward objectives set within DPS/ESUs instead of GMUs (see Item A, Definitions and Issues section) and toward an approach that better addresses the issues surrounding long-term stability. Until these improvements are implemented, however, the objective above is described in more detail in Table 2.

Table 2. Long-term objectives for numbers and miles/acres of CRCT conservation populations in Colorado, Utah and Wyoming set as of December 1, 1998.

Geographic Management Units	CRCT Population Objectives			
	In Streams		In Lakes	
	numbers	miles	numbers	acres
State of Colorado-Total	111	324.6	15	547
Colorado	50	121.6	13	222
Dolores	9	23.0	0	na
Gunnison	15	60.0	0	na
San Juan	12	35.0	0	na
White	7	21.0	1	287.0
Yampa	18	64.0	1	38.0
State of Utah-Total	52	537	0	na
Northeastern	33	432.0	0	na
Southeastern	11	70.0	0	na
Southern	8	35.0	0	na
State of Wyoming-Total	220	892.8	3	105
Black's Fork/Eastside	48	242.0	0	na
East Fork	4	22.0	1	28.0
Little Snake	60	198.0	0	na
Upper Green	12	65.8	1	6.0
Westside	96	365.0	1	71.0
Grand Total	383	1754.4	18	652

**The Conservation Strategy includes three primary activities. These are**

Protect existing and restored ecosystems,

Restore degraded ecosystems, and

Coordinate and plan

Strategies within each activity are outlined below.

**Protect existing and restored ecosystems:**

Strategy 1: Construct in-channel barriers.

If natural barriers cannot be utilized, in-channel barriers will be constructed downstream of the meta- or sub-populations which are at risk from invasion from non-native fish species or hybridized cutthroat populations. Maintenance schedules appropriate to each type of barrier will be developed, and maintenance work funded and completed.

Strategy 2: Regulate angling and enforce regulations.

Populations of CRCT will be protected from overharvest or excessive fishing mortality by appropriate fishing regulations. Fishing regulations will be enforced and monitored to ensure that their objectives are met.

Strategy 3: Prevent introduction of non-native fish species.

Regulations concerning stocking of hatchery reared fish and human movement of resident fish will be enforced to ensure that populations of CRCT remain free of introduced non-native species. Education and information activities explaining the reasons for prohibitions against non-native stocking in cutthroat waters will also be used.

Strategy 4: Monitor CRCT populations to detect changes.

Monitoring processes for CRCT populations, with emphasis on accurate assessment of total adult cutthroat populations and relative abundance of native non-game species, will be developed and implemented.

Strategy 5: Monitor watershed conditions to detect changes.

Standards and guidelines for watershed management in CRCT ecosystems will be developed in concert with responsible land management agencies and followed over the long term. Monitoring processes designed to accurately detect changes in watershed conditions will be

developed and implemented.

Strategy 6: Monitor lake and stream habitats to detect changes.

Standards and guidelines for lake and stream habitat management in CRCT waters will be developed in concert with responsible land management agencies and followed over the long term. Monitoring processes designed to accurately detect changes in lake and stream habitats will be developed and implemented.

Strategy 7: Monitor instream flows, lake levels, and water quality to detect changes.

Minimum instream flows and lake levels, and water quality standards will be monitored so that optimum conditions are maintained over the long term.

Strategy 8: Prevent introduction of *Myxobolus cerebralis*.

Guidelines for preventing introduction of *M. cerebralis* to CRCT waters will be developed and followed.

Strategy 9: Implement interpretive and educational programs.

Public education and awareness is critical to the conservation and restoration of CRCT. Programs designed to educate various angling and non-angling publics about the unique qualities of the species, to increase understanding and support for management activities, and to promote cooperation and communication will be established. In addition, linkages with local programs which will allow students, anglers and others to participate in conservation of local CRCT ecosystems and watersheds will be explored.

### **Restore degraded ecosystems:**

Strategy 10: Improve watershed conditions.

Colorado River cutthroat trout habitat requirements will be considered on watersheds designated for CRCT restoration. They will be surveyed and site plans developed in concert with responsible land management agencies to mitigate adverse impacts of watershed activities on water quality, instream habitat, channel morphology, riparian areas, and population stability.

Strategy 11: Improve lake and stream habitat.

Habitat improvement techniques will be used where appropriate to provide missing habitat components or improve existing ones. These techniques can include building instream structures to improve pool to riffle ratios, streambank stabilization, riparian management,

instream cover, pool or spawning gravel enhancement, and provision of fish passageways.

Strategy 12: Acquire adequate instream flows and lake levels, and meet water quality standards.

All legal avenues for maintaining adequate flows, pools and water quality will be used, along with purchase of private water rights and negotiations on timing, duration and volume of flows and drawdowns.

Strategy 13: Secure reintroduction sites.

Ecosystems selected for restoration of CRCT will be secured from upstream movement of non-native fish and from in-stream, riparian and watershed habitat degradation. Cooperative management agreements with public agencies and private organizations or individuals that have an interest in CRCT will be developed in order to ensure the long-term safety of the restored ecosystems.

Strategy 14: Remove non-native fish species.

Non-native fish in the ecosystems selected for restoration of CRCT will be removed using standard operating procedures for electrofishing or chemical (primarily rotenone or antimycin) treatment. Any native non-game fish species, amphibians, and unique macroinvertebrate populations will be documented during pre-treatment planning. These species will be returned to the treated sections following restoration work if they are not able to re-colonize naturally.

Strategy 15: Maintain sources of genetically pure Colorado River cutthroat.

Sources of the various genetic stocks identified throughout the range of the CRCT will be maintained in hatcheries or in designated lake and stream refugia. Hatchery stock will be replenished from its wild source no less than once every three years.

Strategy 16: Stock selected sites with genetically pure Colorado River cutthroat.

Introduction, re-introduction and transplant protocols will be developed based on criteria of maximizing genetic integrity among DPS by minimizing mixing of genetic types, and maximizing genetic variability within populations. Decisions will be based on both thorough field study and credible, in-depth genetic analyses. Ecosystems selected for restoration will be stocked with an appropriate strain of CRCT determined to be genetically pure using the complete suite of assessment techniques. Fish will be stocked either by natural dispersal from a connected water, transplant of juvenile and/or adult fish from a donor water, or stocking from a hatchery source. Indigenous populations will always be considered more valuable than stocked populations as sources for restocking. Stocked populations will be considered restored when natural recruitment has sustained them for ten years.

## **Coordinate and plan:**

### Strategy 17: Develop cooperative interagency work environment.

Specific organizational arrangements, including effective feedback and accountability procedures, are needed to effectively meet the diverse challenges involved in restoring and protecting CRCT. Coordination on a multi-state, multi-jurisdictional level is needed to develop and support the Conservation Strategy. A team approach will be initiated and maintained by each state wildlife agency, with participation open to any interested person, conservation organization, tribe, or government agency. At minimum, teams will include representatives from the wildlife agency, the BLM, the Forest Service, and the Fish and Wildlife Service. Annual or bi-annual interagency coordination meetings will be held to discuss plans and progress, researching findings and other issues.

### Strategy 18: Describe existing CRCT populations and their instream/riparian habitats

Fish community and habitat characteristics, and baseline population distribution information should be collected for watersheds where CRCT populations occur. The resource management agencies currently use several databases that include such attributes along with spatial mapping systems. These databases and mapping systems should be used to make the basic descriptive information available to the organizations involved in resource management decisions.

### Strategy 19: Survey waters with potential populations of CRCT.

Waters which have the potential to support CRCT populations will continue to be surveyed until all remnant populations and potential habitats have been identified. Periodic surveys should continue to monitor population and habitat changes.

### Strategy 20: Complete genetic analyses on known or potential populations of CRCT.

The genetic status of all known or potential CRCT populations will be assessed using the most effective genetic identification techniques. Large-scale restoration plans should be guided by results of a uniformly interpreted standard analysis, with emphasis on delineating distinct population segments (DPS) consistent with federal policy. Implicit in this guideline is the need for research which examines populations with all available genetic analysis approaches so these can be calibrated with one another. In addition, a reference collection of fish from the entire tri-state area should be developed and maintained in one location.

### Strategy 21: Develop list of potential restoration sites.

The databases developed in Strategy 18 will provide a basis for selecting areas for restoration of habitat for CRCT. This habitat should ideally provide chemically and physically



unobstructed routes between sub-populations. A standard process for identifying and prioritizing potential waters will be developed.

Strategy 22: Develop management plans, including genetics management.

Management plans will be developed for each of the major watersheds on which CRCT currently occur or where there is potential for restoration. These plans will include a description of the range of conditions in a particular watershed, establish a set of habitat and population objectives, and provide recommendations on watershed and habitat improvement and restoration. A genetics management plan, with appropriate consideration for DPS, will also be included. These plans will follow an environmental assessment procedure to ensure that other land use activities in the watershed are compatible with CRCT preservation and restoration. The plans will be flexible and will be updated as information and situations change.

Strategy 23: Prepare new inter-agency Conservation Strategies and implement consultation processes.

New inter-agency Conservation Strategies will be prepared by appropriate organizational units within each of the cooperating wildlife agencies. These strategies will include the watershed plans outlined in Strategy 22, along with commitments from the responsible land management agencies for watershed management improvements such as those outlined in Strategy 10.

A process that assures consultation between the wildlife agencies and the land management agencies on decisions which are likely to affect Colorado River cutthroat trout or their habitat will be developed, implemented and enforced. The land management agencies will agree to protect existing and potential cutthroat waters from adverse effects of other land uses and to consult with wildlife agency biologists on forest plans, permit processes, and other proposed activities to avoid or minimize potential negative impacts.

Strategy 24: Evaluate and monitor land management decisions.

Land management decisions which are likely to affect CRCT populations will include both pre- and post-project evaluation and monitoring to ensure that the habitat elements for CRCT are protected. Timber management, road construction, mineral development, and their associated impacts should be analyzed and mitigated prior to implementation. In addition, impacts to CRCT populations should be evaluated in livestock grazing management planning, with a specific focus on riparian areas. Water diversions should also be closely evaluated and monitored if adverse impacts to CRCT could occur.

Strategy 25: Reach consensus on needed processes and unresolved issues.

The need for a stability index for describing progress in CRCT conservation should be evaluated. Work may also be needed to evaluate and resolve differences between the cooperators in the approach to genetic purity interpretation. Other processes which might benefit from a consistent approach include but are not limited to: identifying and prioritizing potential restoration sites; standards, guidelines and monitoring procedures for watershed and habitat management and barrier construction and maintenance; monitoring procedures for fish populations; guidelines for preventing introduction of *M. cerebralis*; guidelines for interpretive and educational programs; introduction, re-introduction and transplant protocols; database development and consultation procedures.

Strategy 26: Monitor results of the Conservation Strategy.

A long-term program of monitoring CRCT ecosystem integrity will be developed to assess the effectiveness of the Conservation Strategy and to provide necessary feedback to the partner agencies.

In the context of these strategies, signatories to this Strategy have selected waters in each of the GMUs for either protection, restoration, or conservation planning. Reports describing plans and progress will be prepared by each agency annually, and compiled by the Coordination Team into a range-wide summary.

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## Appendices

### Information on Known and Potential Colorado River Cutthroat Trout Populations in Colorado, Utah and Wyoming January 1, 2001

#### KEY

Purity = Genetic Purity (see Item B, Definitions and Issues section)

A = Pure (Core Conservation Population=CCP)

A- = Pure, but slightly different from norm (CCP or Conservation Population=CP)

B+ = Essentially pure (<5% of characters indicate hybridization) (CP)

B = Slight hybridization (5-10% of characters indicate hybridization) (CP)

C = Some hybridization (15-20% of characters indicate hybridization) (possible CP)

D = Distinct hybridization

U = Unknown Purity

Adult Population = Numbers of Fish Greater than 6 inches (150 mm) in Length

Barrier = Type of Barrier to Fish Movement

0 = none apparent

1 = constructed barrier, road culvert, water diversion

2 = chemical, thermal or biological barrier

3 = gradient or velocity barrier

4 = natural, single point barrier

5 = natural, multiple point barrier

6 = no information

CRCT Stocked = Do stocking records show past CRCT stocking?

Y = yes, N = no, U = no information provided

Other Salmonids = What other salmonids are present?

NONE = none present

NO INFO = no information provided

BKT = brook trout

MWF = mountain whitefish

BNT = brown trout

PPN = Pikes Peak cutthroat trout

BVC = Bonneville cutthroat trout

RBT = rainbow trout

GOL = golden trout

SRC = Snake River cutthroat trout

GRA = grayling

YSC = Yellowstone cutthroat trout



## Tri-State Summary for CRCT Waters:

### Appendix A: Conservation Populations (Populations with genetic purity ratings of B or higher).

Report Date: 30-Mar-01

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
		Abrams Creek	23414	A	100	1.0		1	No	NONE	Excessive Siltation Flow Fluctuation-Irrigation Low Stream Flow Management Activity
		Adams Lake	72760	A	199		4.6	5	Yes	NONE	No Limitations Noted
		Antelope Creek	25595	A-	200	1.0		2	No	NONE	Management Activity
		Arapaho Creek	19023	B	100	3.0		0	No	BKT	No Limitations Noted
		Arapahoe Lake #2	71148	A			1.5	0	Yes	NO INFO	No Limitations Noted
		Avalanche Lake	64977	B			9	0	Yes	NO INFO	No Limitations Noted
		Baker Gulch	22961	B		2.0		0	No	BKT	No Limitations Noted
		Beaver Creek	19097	A	1000	10.0		0	No	NONE	No Limitations Noted
		Bench Lake	72885	B	350		6.4	5	Yes	NONE	No Limitations Noted
		Berry Creek	19162	B	100	2.0		0	No	NO INFO	No Limitations Noted
		Big Creek, East Fork	27791	A-	300	2.0		0	Yes	NONE	No Limitations Noted
		Bobtail Creek	23026	A	250	2.0		2	No	BKT	Excessive Riffle Areas Low Stream Flow Water Diversion--Domestic
		Booth Creek	23806	B	150	3.0		4	No	NONE	Steep Gradient
		Boulder Lake #3	65436	A			14	0	Yes	NO INFO	No Limitations Noted
		Boundary Lake	72974	A	200		2	0	No	NO INFO	No Limitations Noted
		Butler Creek	19388	A-	200	2.0		4	Yes	NONE	High Temperatures Inadequate Riparian Vegetation Management Activity
		Buzzard Creek #2	27753	B				0	Yes	NO INFO	No Information Available
		Cabin Creek	19403	A-	200	2.0		0	No	NO INFO	No Limitations Noted
		Carr Creek	19441	A-	200	9.0		1	No	NONE	Unstable Substrate
		Carter Creek	27107	A-	300	2.0		4	No	NONE	Highly Erosive Drainage Low Stream Flow Management Activity
		Cataract Creek	19489	B+	300	3.0		0	No	NO INFO	No Limitations Noted
		Cataract Lake, Middle	65739	A			8	0	Yes	NO INFO	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
		Cattle Creek	19491	A-	300	2.0		4	No	BKT	Excessive Riffle Areas Management Activity
		Cattle Creek, North Fork	27830	B	50	0.5		0	No	NO INFO	No Limitations Noted
		Clinton Gulch Reservoir	71679	A-	1001		95	1	No	NONE	No Limitations Noted
		Columbine Creek	23684	A	250	1.0		5	No	NONE	No Limitations Noted
		Corral Creek	19756	A-	500	2.0		0	Yes	BKT	No Limitations Noted
		Corral Creek	27498	A	10	1.5		0	No	BKT	No Limitations Noted
		Cross Creek #2	23103	A	300	3.0		5	No	NO INFO	No Information Available
		Cross Creek, West	25406	A-	600	5.1		5	No	NONE	No Limitations Noted
		Cub Creek	24066	A	15	1.0		0	Yes	BKT	Excessive Pool Areas
		Cunningham Creek	23957	A-	100	1.0		1	No	NONE	Low Temperatures
		Difficult Creek	19996	B	200	4.0		4	No	NO INFO	No Limitations Noted
		Eagle Pass Ranch Creek	24509	A				0	Yes	BRT	No Limitations Noted
		Elliot Creek, North Fork	26042	B	0	2.0		0	No	BKT	No Limitations Noted
		Express Creek	20230	B+	0	2.0		0	No	BKT	No Limitations Noted
		Fifth Lake	72772	A	299		7.4	5	Yes	NONE	No Limitations Noted
		Flapjack Lake #1	66628	A			1.5	0	Yes	NO INFO	No Limitations Noted
		Flapjack Lake #2	66630	A			1	0	Yes	NO INFO	No Limitations Noted
		Flapjack Lake #3	66642	A			5	0	Yes	NO INFO	No Limitations Noted
		Fraser River #3	20367	A	0	1.0		1	Yes	NONE	Low Temperatures
		French Gulch	24179	A-	300	2.0		2	No	NONE	Chemical Pollution Stream Encroachment—Mine Tailings
		FryingPan Lake	66755	A-	1001		14	0	No	NONE	No Limitations Noted
		FryingPan River #2, South Fork	23468	B	300	2.0		1	No	NONE	Excessive Riffle Areas Water Diversion--Irrigation
		Grove Creek	20545	B				0	No	NONE	No Limitations Noted
		Hack Lake	67149	B	100		1	0	Yes	NO INFO	No Limitations Noted
		Hallam Lake	67195	A	500		5	0	Yes	NO INFO	No Limitations Noted
		Hamilton Creek	25521	A	300	2.0		1	No	BKT	No Limitations Noted
		Hat Creek	27195	A	200	1.5		2	Yes	NONE	Low Stream Flow
		Horseshoe Lake	67391	A			4.6	0	Yes	NO INFO	No Limitations Noted
		Indian Creek	24149	B+	0	1.0		0	No	BKT	No Limitations Noted
		Iron Creek	25482	B				0		NO INFO	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
		Jim Creek #2	23242	A	100	2.0		1	Yes	NONE	Low Temperatures
<b>CO</b>	<b>Colorado</b>										
		JQS Gulch	25228	B+	100	0.5		0	No	NONE	No Limitations Noted
		Kinny Creek	23527	A	250	1.5		4	Yes	NONE	Highly Erosive Drainage Management Activity
		Little Green Creek	23038	A-	500	2.0		3	No	NONE	No Limitations Noted
		Little Green Creek, North	23038N	B+	790	1.0		3	No	NONE	Excessive Pool Areas Low Stream Flow
		Lost Trail Creek	21030	A-	100	1.0		4	No	NONE	Excessive Riffle Areas Low Temperatures
		Meadow Creek	21155	A-	625	2.5		3	No	BKT	No Limitations Noted
		Meadow Creek, East	27284	A-	105	2.0		3	No	NONE	Low Temperatures
		Mirror Lake	68533	B+			8	0		NO INFO	No Limitations Noted
		Mitchell Creek	28072	A	500	4.5		1	No	NONE	Steep Gradient
		Muddy Creek, Little	23642	A-	300	2.0		0	Yes	BKT	Low Stream Flow
		Nanita Lake	72897	A	2001		34	5	Yes	NONE	No Limitations Noted
		Nickelson Creek	24315	A-	200	1.0		0	No	NONE	No Limitations Noted
		Nolan Creek	21333	A	0	2.0		0	No	BKT	No Limitations Noted
		North Inlet	21371	B	200	6.0		0	No	NO INFO	No Limitations Noted
		Northwater Creek	21383	A-	500	4.0		0	No	NONE	No Limitations Noted
		Parachute Creek, East Fork	21460	B+	99	5.0		4	No	BKT	Highly Erosive Drainage Management Activity Unstable Substrate
		Parachute Creek, Middle Fork	22973	B+	200	2.0		4	No	BKT	Highly Erosive Drainage Management Activity
		Paradise Creek	21493	A	501	1.5		5	Yes	NONE	No Limitations Noted
		Pitkin Creek	24389	B	150	3.0		3	No	NONE	Steep Gradient
		Polk Creek	24391	B+	300	2.0		3	No	NONE	No Limitations Noted
		Ptarmigan Creek	72924	A	600	1.0		4	Yes	NONE	No Limitations Noted
		Ranch Creek, North Fork	27323	A	140	1.0		2	Yes	NONE	Low Temperatures
		Ranch Creek, South Fork	27335	A	100	2.0		1	No	NO INFO	No Limitations Noted
		Red Dirt Creek, East Fork	27361	B+	300	2.0		2	No	NONE	Low Productivity Low Stream Flow
		Roan Creek	21701	A	500	5.0		1	No	NONE	High Temperatures Highly Erosive Drainage



State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Management Activity Unstable Substrate	Habitat Limitations
<b>CO</b>		<b>Colorado</b>										
		Roaring Fork Creek	26915	A-	50	1.0		3	No	NO INFO		No Limitations Noted
		Rocky Fork Creek	24454	A	1000	4.0		1	No	NONE		No Limitations Noted
		Spruce Creek #1	22997	A-	55	0.5		1	No	NONE		Few Spawning Areas Unstable Substrate
		Spruce Creek #3	22133	B+	400	2.0		3	No	BKT		Steep Gradient
		Steelman Creek	26725	B	50	0.5		4	No	NO INFO		No Limitations Noted
		Swan River, North Fork	22260	A-	400	2.0		0	No	BKT		No Limitations Noted
		Thompson Creek, Middle	22347	A-				0	Yes	NO INFO		No Limitations Noted
		Thompson Creek, North	22359	B+	100	2.0		0	Yes	BKT BNT RBT		Management Activity
		Thunderbolt Creek	22385	B	100	0.5		0		NO INFO		No Limitations Noted
		Timber Creek	26674	A		3.0		0	Yes			No Information Available
		Timber Lake	72873	A	500		12	4	Yes	NONE		No Limitations Noted
		Trail Creek	25660	A-	50	1.0		0		BKT		No Limitations Noted
		Trapper Creek	25204	A	500	4.0		0	No	NONE		No Limitations Noted
		Ute Creek	28200	B	150	1.0		1	No	NONE		No Limitations Noted
		Vasquez Creek, Little	24030	A	100	2.0		2	No	NONE		Low Temperatures
		Vasquez Creek, South Fork	23571	A-	50	1.0		3	No	NO INFO		No Limitations Noted
		Yule Creek	26585	B				0	No	NO INFO		No Limitations Noted
<b>CO</b>		<b>Dolores</b>										
		Deep Creek	39671	A-	100	3.0		6	U	NONE		Blow Out Stream Flow Fluctuation--Irrigation Management Activity Steep Gradient Water Diversion--Irrigation
		Elk Creek	47298	B+	50	1.5		6	U	NONE		Flow Fluctuation--Irrigation Management Activity Steep Gradient Stream Encroachment--Roads Water Diversion--Irrigation
		Rio Lado Creek	49723	A	300	2.0		0	No	NONE		No Limitations Noted

Taylor Creek, Little	47767	A	2.5	2	No	NONE	Blow Out Stream
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State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>		<b>Gunnison</b>									
		Antelope Creek, West	48016	A	2000	5.0		2	No	NONE	Management Activity
		Anthracite Creek, North	38047	B		3.0		0	Yes	NONE	No Limitations Noted
		Beaver Creek (North)	38237	A	0	15.0		1	No	BKT	No Limitations Noted
		Beaver Creek, West	44355	A	501	5.0		4	Yes	BKT	No Limitations Noted
		Doug Creek	45197	A	100	3.0		0	No	NO INFO	No Limitations Noted
		Dyke Creek	39885	A		2.0		0	Yes	NONE	No Limitations Noted
		Hubbard Creek, Main	49355	A		2.0		0	Yes	NONE	No Limitations Noted
		Hubbard Creek, Middle	48620	A-		2.0		0	No	NONE	No Limitations Noted
		Roberts Creek	44305	A		5.5		0	No	NONE	No Limitations Noted
		Second Creek	48771	A-	433	3.0		5	U	BKT	Excessive Riffle Areas Flow Fluctuation--Irrigation Low Stream Flow Management Activity Poor Pools and Cover Steep Gradient Stream Encroachment--Roads Water Diversion--Irrigation
		Terror Creek, West Fork	43606	A			3	0	Yes	NONE	No Limitations Noted
		Trail Gulch	46199	A	424	2.0		0	No	BKT	No Limitations Noted
		Youngs Creek Res 2	93334	A			52.1	0	Yes	NONE	No Limitations Noted
		Youngs Creek Reservoir #3	93346	A			23	0	Yes	NONE	No Limitations Noted
<b>CO</b>		<b>San Juan</b>									
		Augustora Creek	44486	A	30	0.5		5	No	NONE	Few Juvenile (Rearing) Areas Steep Gradient
		Beaver Creek	38275	B	2700	5.5		4	Yes	NONE	Highly Erosive Drainage
		Big Bend Creek	47325	B+	620	1.0		4	No	NONE	No Limitations Noted
		Clear Creek	47565	B+	500	1.7		2	Yes	NONE	No Limitations Noted
		Headache Creek	39491	A		1.3		0	No	BKT	No Limitations Noted
		Hermosa Creek, East Fork	47628	A	2330	3.0		4	Yes	NONE	No Limitations Noted
		Himes Creek	39502	A	200	2.0		5	No	BKT	Steep Gradient
		Navajo River #2 (Upper)	49064	A	385	3.6		5	No	NONE	Poor Pools and Cover Steep Gradient

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>		<b>San Juan</b>									
		Piedra River, East Fork	42096	A-	6830	9.0		4	No	NONE	No Limitations Noted
		Shaw Creek	43977	B	200	2.0		5	No	NONE	No Limitations Noted
		Terminal Reservoir	97712	A	1000		18	1	Yes	RBT, BNT	Management Activity Impacts--Other
		Virginia Gulch Creek, West	43923	B+	545	2.0		4	No	NONE	No Limitations Noted
<b>CO</b>		<b>White</b>									
		Big Beaver Creek	24935	A-	400	4.0		0	No	BKT, RBT	Excessive Siltation Highly Erosive Drainage Management Activity
		Fawn Creek	20254	A-	600	2.0		1	No	NONE	Channelization--Land Reclamation
		Hahn Creek	27967	A	400	2.0		4	No	NONE	Highly Erosive Drainage Management Activity
		Little Skinny Fish Lake	69941	B	400		4	0	No	NO INFO	No Limitations Noted
		Snell Creek	22044	A	150	3.0		1	Yes	BKT	No Limitations Noted
		Trappers Lake	70552	B	5001		287	4	No	BKT	No Limitations Noted
<b>CO</b>		<b>Yampa</b>									
		Armstrong Creek	19035	A-	600	4.0		2	No	BKT	Few Spawning Areas High Temperatures Highly Erosive Drainage Management Activity
		Beaver Creek	19124	A	300	1.5		3	Yes	NONE	Management Activity
		Beaver Creek	19150	A-	600	6.0		2	Yes	NONE	No Limitations Noted
		Circle Creek	19530	A-	100	1.0		2	Yes	BKT	Excessive Siltation Few Spawning Areas High Temperatures Highly Erosive Drainage Inadequate Riparian Vegetation
		Diana Lake	66248	B	900		9	0	Yes	NO INFO	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Yampa</b>										
		Elkhead Creek #3	23165	A-	360	6.0		2	Yes	NONE	Excessive Pool Areas Excessive Siltation Few Spawning Areas High Temperatures Highly Erosive Drainage Management Activity
		First Creek	20266	A-	800	8.0		2	No	NONE	Excessive Pool Areas Few Spawning Areas High Temperatures Highly Erosive Drainage Management Activity
		Johnson Creek	20802	B	200	2.0		2	No	NONE	No Limitations Noted
		Little Snake #2, South Fork	23470	A-	700	7.0		2	No	NONE	High Temperatures Highly Erosive Drainage Management Activity
		Lopez Creek	21082	B	50	0.5		2	No	NONE	Low Stream Flow
		Lost Dog Creek	26193	A	100	2.0		1	No	BKT	Excessive Riffle Areas Low Temperatures Management Activity Impacts--Other
		Luna Lake	68115	B+	1000		38	0	Yes	NONE	No Limitations Noted
		Mandall Creek	21054	B	100	1.0		0	No	NO INFO	No Limitations Noted
		Oliver Creek	24092	A-	600	3.0		2	No	NONE	No Limitations Noted
		Pagoda Creek	27739	A-	800	4.0		2	Yes	NONE	Excessive Siltation Few Spawning Areas Highly Erosive Drainage Low Stream Flow
		Poose Creek #2	23418	A	100	1.0		2	Yes	NONE	Excessive Siltation High Temperatures Highly Erosive Drainage Low Stream Flow
		Poose Creek #2	23418	A	100	1.0		2	Yes	NONE	Low Temperatures Water Diversion--Irrigation
		Porcupine Lake	69232	B	400		4	0	Yes	NO INFO	No Limitations Noted
		Rough Creek	23301	A-	400	2.0		2	No	NONE	Blow Out Stream Excessive Riffle Areas Management Activity Impacts--Other
		Walton Creek, North Fork	22640	A-	100	1.0		4	Yes	NONE	Excessive Pool Areas

Low Stream Flow

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
CO	Yampa	Williams Fork Yampa, South Fork	23482	A-	600	3.0		0	No	NO INFO	No Limitations Noted
		Williams Fork, South Fork	22791	A-	100	6.0		2	Yes	NONE	Excessive Siltation Few Spawning Areas High Temperatures Highly Erosive Drainage Management Activity
		Willow Creek	22854	A-	100	2.0		1	No	BKT	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>UT</b>	<b>NE</b>	Avintiquin Creek	II BE 060G 01	A		9.0		4	No	NONE	Excessive Siltation
		Brownie Creek	II BH 010B 01-02	A		6.8		4	No	NONE	No Limitations Noted
		Currant Creek	II BE 060 04	A		8.0		0	No	CTBV	No Limitations Noted
		Daggett Creek	II CI 030A	A		2.3		6	No	GOT	No Information Available
		Dry Fork Creek	II BH 010 04A	A		5.5		0	No	BKT	No Limitations Noted
		Duchesne R., W. Fk.	II BE 150	A		21.0		1	No	NONE	No Limitations Noted
		Mill Hollow Creek	II BE 060G 07A1 01	A		3.0		4	No	CTBV	No Limitations Noted
		Sheep Creek Lake	II 080 C	A			80	0	Yes	BKT	No Limitations Noted
		Sheep Creek, N. Fk.	II CI 050	A		9.6		0	No	BKT	No Limitations Noted
		Sheep Creek, S. Fk.	II CI 030	A-		4.0		0	No	BKT	No Limitations Noted
		Timber Cyn. Cr.	II BE 060H 01-02	A	433	11.0		1	No	BNT	No Information Available
<b>UT</b>	<b>NE/nr</b>	Blacks Fork, E. Fk.	II CK 040 02	A-	129	7.0		1	No	NONE	No Limitations Noted
		Blacks Fork, E. Fk. 18	II CK 040R 01	A-		2.6		6	No	NONE	No Limitations Noted
		Blacks Fork, E. Fk. 23	II CK 040W 01	A-		5.4		6	No	NONE	No Limitations Noted
		Blacks Fork, E. Fk. 24	II CK 040X 01	A-		3.4		6	No	MWF	No Limitations Noted
		Blacks Fork, L. E. Fk.	II CK 040A 01	A-	680	7.2		0	No	BKT, MWF	No Limitations Noted
		Blacks Fork, L. E. Fk. 13	II CK 040K 13 01	A-		0.8		6	No	NONE	No Limitations Noted
		Blacks Fork, L. E. Fk. 15	II CK 040K 15 01	A-		1.9		6	No	NONE	No Limitations Noted
		Blacks Fork, L. E. Fk. 20	II CK 040K 20 01	A-		1.1		6	No	NONE	No Limitations Noted
		Blacks Fork, L. E. Fk. 23	II CK 040K 23 01	A-		2.0		6	No	NONE	No Limitations Noted
		G-105 Lake	II 595VZ	A-			6.1	6	No	NONE	No Limitations Noted
		G-69 Lake	II 595Q	A-			4.8	6	No	NONE	No Limitations Noted
		Gilbert L. GR-150	II 596	A			16	6	No	BKT	No Limitations Noted
		Smith's Fk. W. Fk.	II CK 020B 01	A	557-100	10.0		6	No	BKT	Past Tie Drives

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
UT	SE	Geyser Creek	I BQ 050B	A-	704	5.2		0	No	NONE	No Limitations Noted
		Johnson Fork Creek	II AK 190A 01 01	A	528	2.4		0	No	NONE	Low Stream Flow Poor Pools and Cover Unstable Substrate
		Tabbyune Creek	II AK 190C	A		2.0		6			No Information Available
		Tie Fork Canyon	II AI 130I	A	250-356	8.5		1	No	BNT	Poor Pools and Cover Steep Gradient
		Trail Hollow Creek	II AK 190A 02 01	A	158	2.0		0	No	NONE	Low Stream Flow Unstable Substrate
		White R., M. Fk.	II AK 190B 01 01	A		4.8		0	No	NONE	Poor Pools and Cover Unstable Substrate
		White R., Rt. Fk.	II AK 190A 01	A	500-100	7.2		0	No	NONE	Poor Pools and Cover Unstable Substrate
		Boulder Creek, E. Fk.	I AJ 110C 02	A	113	2.5		4	No	BKT	Competition
		Boulder Creek, E. Fk.	I AJ 110C 02A	A	1197	0.5		0	No	NONE	Few Juvenile (Rearing) Areas Few Spawning Areas
		Boulder Creek, W. Fk.	I AJ 110D 02	A	333	6.0		1	No	NONE	No Limitations Noted
		Dougherty Basin Lake	I 310	A	650		3	1	Yes	BKT	No Limitations Noted
		Pine Creek, W. Br.	I AJ 150C 01	A	355-104	5.0		1	No	NONE	Competition
		Sand Creek	I AZ 130M 01 01	A	24	2.0		2	Yes	NONE	Flash Flood Area
Tall Four Lake NCL	I 360A	A	250		0.7	4	Yes	BKT	Low Temperatures Steep Gradient		
UM Creek, Rt. Fk.	I AZ 130Z 03 01	A	100	5.0		1	Yes	TGT	Low Temperatures		
Water Canyon	I AJ 170B 01	A	32-194	0.3		2	No	NONE	High Temperatures		
White Creek	I AJ 160E 02	A	370	2.0		1	No	BKT, RBT	No Information Available		



State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>WY Blacks Fork/East</b>											
		Archie Creek	GR841915UA	B	100	2.0		0	No	BKT	Low Stream Flow
		Beaverdam Hollow Creek	GR841848UA	B	50	2.5		0	No	NONE	Low Stream Flow Management Activity
		Currant Creek	GR841200SR	B	500	10.0		1	Yes	BKT	Inadequate Riparian Vegetation Management Activity
		Devils Hole Creek	GR841760LN	A	50	4.5		0	No	NONE	Few Juvenile (Rearing) Areas Low Stream Flow Steep Gradient
		East Muddy Creek	GR841840UA	B	50	2.0		0	No	NONE	Low Stream Flow Management Activity
		Little Indian Creek	GR841755LN	B	100	1.5		0	No	RBT	Low Stream Flow Steep Gradient
		Red Creek	GR845860SR	A	50	9.9		0	Yes	NONE	Low Stream Flow Management Activity
		Trout Creek	GR841975SR	A	300	3.0		0	Yes	NONE	Low Stream Flow Management Activity
		Van Tassel Creek	GR841865UA	A	100	1.0		0	No	BKT	Low Stream Flow Management Activity
		Willow Creek	GR841905UA	B	350	7.0		0	No	BKT	Inadequate Riparian Vegetation Management Activity
<b>WY East Fork</b>											
		Irish Canyon Creek	PE843560SE	A	1000	11.0		5	No	NONE	Management Activity
		Sunrise Lake	PE140283SE	A	1000		28	0	Yes	NONE	Low Productivity

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>WY</b>		<b>Little Snake River</b>									
		Alisha Creek	GR872689CN	A	50	0.6		2	No	NONE	Low Stream Flow Low Temperatures
		Bachelor Creek	GR872693CN	A	50	1.0		2	No	NONE	Low Stream Flow Low Temperatures
		Beaver Creek	GR872520CN	A	50	1.0		0	No	NONE	Low Stream Flow
		Belvidere Ditch	GR872260CN	A	500	12.8		1	No	NONE	Excessive Riffle Areas
		Dale Creek	GR872950CN	A	50	2.0		0	No	NONE	No Information Available
		Deadline Creek	GR872865CN	A	50	2.0		1	No	NONE	Low Stream Flow
		Deadman Creek	GR872940CN	A	150	2.6		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Deep Creek	GR872340CN	A	200	6.7		1	No	NONE	Low Stream Flow Management Activity
		Deep Rock Creek	GR872697CN	A		1.0		0	No		No Information Available
		Dirtyman Creek	GR872480CN	A	100	5.8		1	No	NONE	Low Stream Flow
		Douglas Creek	GR872360CN	B	200	3.0		0	No	BKT	Low Stream Flow
		East Branch Deep Creek	GR872346CN	A		1.5		0	No		No Information Available
		Elk Creek	GR872353CN	B	50	0.5		0	No	NONE	Low Stream Flow
		Green Creek	GR872687CN	A	100	0.8		2	No	NONE	Low Stream Flow Low Temperatures
		Green Timber Creek	GR872910CN	A	130	2.5		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Haggerty Creek	GR872685CN	A		3.6		2	No	NONE	Chemical Pollution Water Diversion--Other
		Happy Creek	GR872980CN	A	50	0.7		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Harrison Creek	GR872920CN	B	150	2.0		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Haskins Creek	GR872720CN	A	50	6.5		0	No	BKT	Low Stream Flow Low Temperatures
		Hatch Creek	GR872485CN	B+	50	1.6		0	No	NONE	Low Stream Flow
		Hell Canyon Creek	GR872370CN	B	100	1.8		1	No	NONE	Low Stream Flow

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
		Mill Creek	GR872465CN	B	200	6.7		1	No	BKT	Low Stream Flow
<b>WY Little Snake River</b>											
		North Fork Big Sandstone Creek	GR872366CN	A	100	2.0		0	No	BKT	No Limitations Noted
		North Fork Little Snake River	GR872840CN	A	1600	2.0		1	No	BKT	Low Temperatures Water Diversion--Domestic
		Rabbit Creek	GR872870CN	A	50	2.0		1	Yes	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Rhodine Creek	GR872955CN	A	50	2.0		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Roaring Fork Little Snake River	GR872800CN	A	500	2.0		1	No	BKT	Low Temperatures Water Diversion--Domestic
		Rose Creek	GR872900CN	A	50	1.5		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Sandstone Creek, AC	GR872365CN	A	50	1.0		0	No	NONE	Low Stream Flow
		Skull Creek	GR872359CN	B	50	1.0		0	No	NONE	Low Stream Flow
		Soloman Creek	GR872880CN	A	260	3.5		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Standard Creek	GR872875CN	A	100	1.7		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Ted Creek	GR872945CN	A	20	2.0		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
		Third Creek	GR872944CN	A	30	1.0		1	No	NONE	Low Stream Flow Low Temperatures Water Diversion--Domestic
Available		West Branch Deep Creek	GR872345CN	A		1.6		0	No		No Information
		West Branch N Fk Little Snake	GR872860CN	A	500	7.2		1	Yes	NONE	Low Temperatures Water Diversion—
Domestic		<b>WY Upper Green River</b>									
		Big Sheep Mountain Lake	PE140876SE	A	200		5.5	4	Yes	NONE	Low Productivity

Klondike Creek	PE845160SE	A	50	5.0	0	Yes	NONE	Management Activity
Rock Creek	PE845080SE	B	700	11.0	0	Yes	BKT	Excessive Riffle Areas Few Juvenile (Rearing) Areas
Trudy Creek	PE845042SE	B	100	1.3	0	No	NONE	Low Stream Flow

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>WY Westside</b>											
		Bare Creek	PE844170SE	B	100	3.0		1	Yes	BKT	Low Stream Flow Past Tie Drives
		Clear Creek	PE843205LN	A	100	2.0		1	Yes	BKT	Excessive Riffle Areas Few Juvenile (Rearing) Areas Steep Gradient
		Fish Creek	PE843285SE	B	400	20.7		0	Yes	BKT SRC	No Limitations Noted
		Hardin Creek	PE844070SE	A	50	2.5		1	Yes	BKT	Low Stream Flow
		Irene Creek	PE844060SE	A	50	1.0		1	Yes	BKT	Low Stream Flow
		LaBarge Creek	PE843030LN	A	350	18.0		0	Yes	BKT RBT	Few Juvenile (Rearing) Areas Management Activity Impacts--Roads Past Tie Drives
		Lead Creek	PE844310SE	A	500	3.0		0	No	BKT	No Limitations Noted
		Nameless Creek	PE843180LN	B	50	3.0		1	Yes	BKT	Low Stream Flow Management Activity
		North Cottonwood Creek	PE844020SE	A	100	6.0		0	Yes	BKT RBT	No Limitations Noted
		North Fork Beaver Creek	PE843282SE	A	200	3.4		1	No	NONE	Low Stream Flow
		North Piney Lake	PE140948SE	B+	1500		71	0	Yes	BKT	Seasonal Flucuations
		Nylander Creek	PE844080SE	A	100	3.0		1	Yes	BKT	Low Stream Flow Management Activity
		Pine Grove Creek	PE843255SE	A	50	7.3		0	Yes	NONE	Low Stream Flow Management Activity Management Activity Impacts--
<b>Other</b>											
		Rock Creek	PE843065SE	A	100	2.5		1	Yes	NONE	Low Stream Flow
		Sjhoberg Creek	PE844110SE	A	200	2.0		2	No	NONE	Excessive Riffle Areas Management Activity
		South Cottonwood Creek	PE844120SE	A	250	12.0		0	Yes	BKT SRC	Excessive Riffle Areas Management Activity Past Tie Drives
		South Fork Fontenelle Creek	GR842760LN	A	100	3.5		0	No	BKT	No Limitations Noted
		South Fork North Horse Creek	PE844340SE	A	200	4.0		0	Yes	BKT	Low Stream Flow Management Activity
		South LaBarge Creek	PE843155LN	A	200	6.5		2	Yes	BKT RBT	No Limitations Noted
		Spring Creek	PE843200LN	B+	200	5.0		0	No	BKT	No Limitations Noted
		Trail Creek	PE843210LN	B+	100	2.0		0	No	BKT	Low Stream Flow

### Tri-State Summary for CRCT Waters:

#### Appendix B: Known CRCT populations with genetic purity ratings of B- or less or unknown.

Report Date: 30-Mar-01

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO Colorado</b>											
Available		Adams Lake	64903	U			31	0	Yes	NO INFO	No Information
Available		American Lake	64939	U			2.8	0	Yes	NO INFO	No Information
Available		Antones Cabin Creek	27765	U		1.0		0	Yes	NO INFO	No Information
Available		Anvil Creek, First	22822	U		2.0		0		BKT	No Information
		Baldy Creek	19253	U	500	6.0		0	Yes	NO INFO	No Limitations Noted
		Battlement Creek	19059	U	1000	4.0		0	Yes	NO INFO	No Limitations Noted
		Battlement Mesa #3	65068	U	500		4	0	Yes	NONE	No Limitations Noted
Available		Battlement Reservoir #5	71299	U			2	0	Yes	NO INFO	No Information
Available		Beaver Creek	19100	U				0	Yes	NO INFO	No Information
Available		Beaver Dam Lake	65094	U			0.3	0	Yes	NO INFO	No Information
Available		Beaver Lake	65145	U			7	0	Yes	NO INFO	No Information
Available		Bench Lake #1	65157	U			3	0	Yes	NO INFO	No Information
Available		Bench Lake #2	65169	U			12	0	Yes	NO INFO	No Information
		Big Creek	19174	U				0	Yes	NO INFO	No Limitations Noted
		Big Park Creek	27804	C	50	0.5		0	No	NO INFO	No Limitations Noted
		Bird Creek	21589	U				0	No	NONE	Management Activity
Available		Blodgett Lake	65311	U			25	0	Yes	NO INFO	No Information
Available		Blue Lake	65335	U			2	0	Yes	NO INFO	No Information
Available		Bonham Res. Trib (Unnamed)	65373t	U				0	No		No Information

Available	Bonham Reservoir	65373	U		87.5	0	Yes	RBT, GRLY	No Information
Available	Booth Lake	65397	U		5	0	Yes	NO INFO	No Information
Available	Boulder Lake #2	65424	U		4.9	0	Yes	NO INFO	No Information
Available	Boulder Lake #4	65448	U		5.2	0	Yes	NO INFO	No Information
Available	Boulder Lake #5	65450	U		7.7	0	Yes	NO INFO	No Information
Available	Boulder Lake #6	65462	U		1.4	0	Yes	NO INFO	No Information
Available	Bowen Lake	65474	U		10	0	Yes	NO INFO	No Information
Available	Bowl-of-Tears-Lake	65498	U		20	0	Yes	NO INFO	No Information
Available	Brady Lake #1	65501	U		1	0	Yes	NO INFO	No Information
Available	Brady Lake #2	65513	U		8.9	0	Yes	NO INFO	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
Available		Brooklyn Gulch Lake, Upper	65525	U			2.9	0	Yes	NO INFO	No Information
		Brush Creek	19275	U	500	4.0		0	Yes	NONE	No Limitations Noted
Available		Bubble Lake	65549	U			14.3	0	Yes	NO INFO	No Information
		Buchanan Creek	19338	B-	100	2.0		0	No	BKT	No Limitations Noted
Available		Buck Lake	73065	U			5.5	0	Yes	NO INFO	No Information
Available		Bull Lake (Old Star)	70211	U			4.3	0	Yes	NO INFO	No Information
Available		Buzzard Creek #1	19390	U				0	Yes	NO INFO	No Information
		Camp Creek	19746	U	500	3.0		0	No	NONE	No Limitations Noted
Available		Canyon Creek, East	27486	U				0	Yes	NO INFO	No Information
		Capitol Creek #1	19439	U				0	Yes	NO INFO	No Information

Available								
Available	Capitol Lake	65688	U	21.7	0	Yes	NO INFO	No Information
Available	Caribou Lake	65690	U	7	0	Yes	NO INFO	No Information
Available	Carter Lake	65715	C	14	0	No	NO INFO	No Limitations Noted
Available	Catamount Creek	19477	U		0	Yes	NO INFO	No Information
Available	Cataract Creek	26028	U		0	Yes	NO INFO	No Information
Available	Cataract Lake, Lower	65727	U	50	0	Yes	BKT, BRT	No Information
Available	Cathedral Lake	65753	U	16.8	0	Yes	NO INFO	No Information
Available	Chihuahua Lake	65842	U	6.2	0	Yes	NO INFO	No Information
Available	Cleveland Lake	65866	U	12.9	0	Yes	NO INFO	No Information
Available	Cliff Lake	65878	U	8.6	0	Yes	NO INFO	No Information
Available	Colby Horse Park Reservoir	65931	U	56.2	0	Yes	NO INFO	No Information
Available	Corona Lake	65967	U	8.3	0	Yes	NO INFO	No Information
Available	Cottonwood Res #1	65981	U	77.4	0	Yes	NO INFO	No Information
Available	Cottonwood Reservoir #5	66010	U	28	0	Yes	NO INFO	No Information
Available	Crater Lake	66060	C	16	0	No	NO INFO	No Limitations Noted
Available	CraterLake	66072	U	8.8	0	Yes	NO INFO	No Information
Available	Cross Lake, West #2	70780	U	4.8	0	Yes	NO INFO	No Information
Available	Cross Lake, West #3	70792	U	4.8	0	Yes	NO INFO	No Information
Available	Cross Lake, West #4	70805	U	3.6	0	Yes	NO INFO	No Information
Available	Crystal Lake, Lower #1	66123	U	5	0	Yes	NO INFO	No Information



Available		Crystal River, North Fk	19857	U				0	Yes	NO INFO	No Information	
Available		Crystal River, South Fork	25747	C				0	No	NO INFO	No Information	
		Deadman Gulch	25103	C				0	No	BRT	No Limitations Noted	
	<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
	<b>CO</b>	<b>Colorado</b>										
Available		Deadman Lake	66161	U				2.2	0	Yes	NO INFO	No Information
Available		Deadman Lake	66173	U				2.4	0	Yes	NO INFO	No Information
Available		Deep Lake	66200	U				37	0	Yes	NO INFO	No Information
Available		Deer Lake	66212	U				2.5	0	Yes	NO INFO	No Information
Available		Deluge Lake	66224	U				5	0	Yes	NO INFO	No Information
Available		Derby Creek, Middle Fk	19984	U					0	Yes	NO INFO	No Information
Available		Diemer Lake	66250	U				11.5	0	Yes	NO INFO	No Information
Available		Divide Creek, West	22967	U					0	Yes	NO INFO	No Information
Available		Dolan Gulch	20232	U					0	Yes	NO INFO	No Information
Available		Dolores River, Little	23109	U			6.0		0		BKT, RBT	No Information
Available		Double Bubble Lake	65551	U				25.8	0	Yes	NO INFO	No Information
Available		Edge Lake	66402	U				17	0	Yes	NO INFO	No Information
Available		Elake Creek, East	20127	U					0	Yes	NO INFO	No Information
Available		Evelyn Lake	66539	U				1.8	0	Yes	NO INFO	No Information
Available		Finny Cut Lake #1	66577	U				3	0	Yes	NO INFO	No Information
Available		Finny Cut Lake #2	66589	U				8.5	0	Yes	NO INFO	No Information

Available											
	Freeman Creek	20379	U			0	Yes	NO INFO	No Information		
Available	Game Creek	20444	U			0	Yes	NO INFO	No Information		
Available	Golddust Lake #2	66894	U	10	0	Yes	NO INFO	No Information			
Available	Golddust Lake #3	66907	U	25	0	Yes	NO INFO	No Information			
Available	Golddust Lake #4	66919	U	4.8	0	Yes	NO INFO	No Information			
Available	Golddust Lake #5	66921	U	2	0	Yes	NO INFO	No Information			
Available	Gore Creek, Black	23212	C			0	No	NO INFO	No Limitations Noted		
	Gore Lake #1	66933	U	5	0	Yes	NO INFO	No Information			
Available	Gore Lake #2(SnowLake)	66945	U	3	0	Yes	NO INFO	No Information			
Available	Gourd Lake	66957	U	1.4	0	Yes	NO INFO	No Information			
Available	Grizzly Lake	67062	U	8	0	Yes	NO INFO	No Information			
Available	Hardscrabble Lake	67199	U	2.4	0	Yes	NO INFO	No Information			
Available	Harvey Lake	67238	U	20	0	Yes	NO INFO	No Information			
Available	Hauxhurst Creek	20595	U			0	Yes	NO INFO	No Information		
Available	Heart Lake	67264	U	2	0	Yes	NO INFO	No Information			
Available	Homestake Lake, Upper	67353	U	23.3	0	Yes	NO INFO	No Information			
Available	Homestake Reservoir	67365	U	300	0	Yes	NO INFO	No Information			

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
		Hunter Creek	23230	C				0	No	NO INFO	No Limitations Noted

Available	Hunter Reservoir	71720	U	21.1	0	Yes	NO INFO	No Information
Available	Iron Lake	67430	U	2.4	0	Yes	NO INFO	No Information
Available	Island Lake	67454	U	18.6	0	Yes	NO INFO	No Information
Available	Island Lake, Lower #1	67466	U	28	0	Yes	NO INFO	No Information
Available	Island Lake, Middle	67478	U	15	0	Yes	NO INFO	No Information
Available	Island Lake, Upper	67480	U	27	0	Yes	NO INFO	No Information
Available	Isolation Lake #1	67492	U	5	0	Yes	NO INFO	No Information
Available	Isolation Lake #2	67505	U	5	0	Yes	NO INFO	No Information
Available	Ivanhoe Res	67517	U	72.6	0	Yes	NO INFO	No Information
Available	Jack Lake	67529	U	2.4	0	Yes	NO INFO	No Information
Available	Kelly Creek	24054	B-		0	No		No Information
	Lake Creek, East	27234	B-		0	No	NO INFO	No Limitations Noted
Available	Lame Duck Lake	67694	U	8	0	Yes	NO INFO	No Information
Available	Leeman Lakes	72114	U	2	0	Yes	NO INFO	No Information
	Leon Cr	20951	U		0	Yes	NO INFO	No Limitations Noted
Available	Lily Lake	73445	U	5	0	Yes	NO INFO	No Information
Available	Lime Creek	26179	U		0	Yes	NO INFO	No Information
Available	Lincoln Creek	20987	U		0	Yes	NO INFO	No Information
Available	Little Gem Lake	67795	U	3	0	Yes	NO INFO	No Information
Available	Lone Lick LakeS	67834	U	1	0	Yes	NO INFO	No Information
Available	Lonesome Lake #1	67858	U	6	0	Yes	NO INFO	No Information

Available											
Available	Lonesome Lake #2	67860	U			10	0	Yes	NO INFO	No Information	
Available	Long Lake	67872	U			7.5	0	Yes	NO INFO	No Information	
Available	Lost Lake	67923	U			3	0	Yes	NO INFO	No Information	
Available	Lost Lake	67997	U			1.8	0	Yes	NO INFO	No Information	
Available	Mackinaw Lake	68141	U			30	0	Yes	NO INFO	No Information	
Available	Mansfield Creek	21066	U	100	1.0		1	Yes	NONE	No Limitations Noted	
	McCoy Creek	19421	B-	100	2.0		0	No	NO INFO	No Limitations Noted	
Available	McCullough Lake #2	68343	U			7.2	0	Yes	NO INFO	No Information	
Available	McCullough Lake #4	68367	U			5	0	Yes	NO INFO	No Information	
Available	McCurry Reservoir	68379	U			15	0	Yes	NO INFO	No Information	
Available	McMillan Lake	68418	U			10	0	Yes	NO INFO	No Information	

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
Available		McQueary Lake	68420	U			2.1	0	Yes	NO INFO	No Information
Available		Mill Creek	24214	U				0	Yes	NO INFO	No Information
		Miller Creek	24860	B-	50	1.0		0	No	NO INFO	No Limitations Noted
Available		Missouri Lake #1	68557	U			4	0	Yes	NO INFO	No Information
Available		Missouri Lake #2	68569	U			4	0	Yes	NO INFO	No Information
Available		Mohawk Lake #2	68608	U			12	0	Yes	NO INFO	No Information
Available		Monarch Lake	68646	U			160	0	Yes	NO INFO	No Information
Available		Monument Reservoir #1	72544	U			37	0	Yes	NO INFO	No Information

Available									
Available	Moon Lake	68658	U		9.9	0	Yes	NO INFO	No Information
Available	Mulhall Lake #2	68759	U		6.3	0	Yes	NO INFO	No Information
Available	Nast Lake	68824	U		8	0	Yes	NO INFO	No Information
Available	New York Creek	24290	U			0	Yes	NO INFO	No Information
Available	New York Lake	68848	U		40	0	Yes	NO INFO	No Information
Available	New York Lake	68850	U		1.9	0	Yes	NO INFO	No Information
Available	No Name Creek	21345	U			0	Yes	NO INFO	No Information
Available	Nolan Lake, Upper	72099	U		6	0	Yes	NO INFO	No Information
Available	Nottingham Lake	72657	U		12	0	Yes	NO INFO	No Information
Available	Owens Creek Tributary	21434T	U			0	No	NO INFO	No Limitations Noted
Available	Pacific Lake	68951	U		7.4	0	Yes	NO INFO	No Information
Available	Paiute Lake	68975	U		12	0	Yes	NO INFO	No Information
Available	Parachute Creek, Middle Fork,	21472	B-	200	2.5	1	No	NONE	No Limitations Noted
Available	Paradise Lake #1	69004	U		7.4	0	Yes	NO INFO	No Information
Available	Paradise Lake #4	69030	U		4.2	0	Yes	NO INFO	No Information
Available	Park Cr	21484	U			0	No	BKT	No Limitations Noted
Available	Patricia Lake	69078	U		5	0	Yes	NO INFO	No Information
Available	Patricia Lake	71150	U		12	0	Yes	NO INFO	No Information
Available	Pawnee Lake	69080	U		11	0	Yes	NO INFO	No Information
Available	Pierre Lake #1	69131	U		4.3	0	Yes	NO INFO	No Information
Available	Pierre Lake #2, Lower	69143	U		12.9	0	Yes	NO INFO	No Information

Available											
Available		Pierre Lake #3	69155	U		44.3	0	Yes	NO INFO	No Information	
Available		Pierre Lake #4, Upper	69167	U		15.7	0	Yes	NO INFO	No Information	
Available		Pitkin Lake	69206	U		8	0	Yes	NO INFO	No Information	
Available		Porter Creek	21969	U			0	Yes	NO INFO	No Information	

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>										
		Possum Creek	26840	C				0	No	NO INFO	No Limitations Noted
Available		Red Belly Lake	69383	U			1	0	Yes	NO INFO	No Information
		Red Dirt Creek	23250	C				0	No	NO INFO	No Limitations Noted
		Red Dirt Creek, West Fork	27359	B-		2.0		0	No	NO INFO	No Limitations Noted
		Red Sandstone Cr	21624	U				0	Yes	NO INFO	No Information
Available		ResolutionCreek #1	21650	U				0	Yes	NO INFO	No Information
Available		Rifle Creek, Middle	21686	U				0	Yes	NO INFO	No Information
Available		Rim Lake	69434	U			14	0	Yes	NO INFO	No Information
Available		Roaring Fork R #5	21751	U				0	Yes	NO INFO	No Information
Available		Rock Creek	25367	U				0	Yes	NO INFO	No Information
		Rock Creek, Little	20969	U	100	3.0		0	Yes	NONE	No Limitations Noted
Available		Rock Lake #1, North	68898	U			1	0	Yes	NO INFO	No Information
Available		Rock Lake #2, North	68901	U			4.7	0	Yes	NO INFO	No Information
Available		Round Lake	69509	U			2.5	0	Yes	NO INFO	No Information
Available		Sellar Lake	69713	U			11.5	0	Yes	NO INFO	No Information

Available		Seven Sisters Lake #4	69763	U		5	0	Yes	NO INFO	No Information
Available		Seven Sisters Lake #5	69775	U		6.5	0	Yes	NO INFO	No Information
Available		Sherry Lake	69852	U		7.7	0	Yes	NO INFO	No Information
Available		Siberia Lake	69888	U		3.3	0	Yes	NO INFO	No Information
Available		Silver Lake	69890	U		19	0	Yes	NO INFO	No Information
Available		Slate Lake #3	69989	U		9.6	0	Yes	NO INFO	No Information
Available		Slide Lake	70021	U		7.5	0	Yes	NO INFO	No Information
Available		Snowmass Creek #1	22056	U			0	Yes	NO INFO	No Information
Available		Soda Lake	72532	U		2	0	Yes	NO INFO	No Information
Available		Sopris Creek, East	22107	U			0	Yes	NO INFO	No Information
		Sopris Creek, West	22119	U			0		NO INFO	No Limitations Noted
Available		South Mamm Peak Lake	71302	U		3	0	Yes	NO INFO	No Information
Available		Spring Creek	22402	U	6.0		0		NONE	No Information
Available		St. Louis Lake	70196	U		3.2	0	Yes	NO INFO	No Information
Available		Strawberry Lake #1	70273	U		5	0	Yes	NO INFO	No Information
Available		Strawberry Lake #2	70285	U		10	0	Yes	NO INFO	No Information
Available		Sue Lake	70300	U		2.9	0	Yes	NO INFO	No Information
Available		Sweetwater Creek, Dry	22284	U			0	Yes	NO INFO	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
CO	Colorado	Tabor Lake	70449	U			5.7	0	Yes	NO INFO	No Information

Available										
Available	Terrells Lake	70463	U			3.6	0	Yes	NO INFO	No Information
Available	Thomas Lake	70475	U			14	0	Yes	NO INFO	No Information
Available	Thomas Lake #1	70487	U			9.2	0	Yes	NO INFO	No Information
Available	Three Licks Lake	70514	U			5	0	Yes	NO INFO	No Information
Available	Thunderbolt Lake	70526	U			4.2	0	Yes	NO INFO	No Information
Available	Treasure Vault Lake	70576	U			10	0	Yes	NO INFO	No Information
Available	Truro Lake	70588	U			6.7	0	Yes	NO INFO	No Information
Available	Tuhare Lake, Lower	70590	U			12	0	Yes	NO INFO	No Information
Available	Tuhare Lake, Upper	70603	U			43	0	Yes	NO INFO	No Information
Available	Upper Lake	70653	U			7	0	Yes	NO INFO	No Information
Available	Ute Creek, East Branch	22551	U	200	0.2		1	No	NO INFO	No Limitations Noted
	Wallace Creek, North Fork	28212	D				0	No	NO INFO	No Limitations Noted
Available	Watanga Lake	70728	U			2.8	0	Yes	NO INFO	No Information
Available	Waterdog Lake #1	70742	U			2	0	Yes	NO INFO	No Information
Available	Wearyman Creek	26511	U				0	Yes	NO INFO	No Information
Available	Wheeler Lake #1	70831	U			6	0	Yes	NO INFO	No Information
Available	Whitney Lake #1	70867	U			5.3	0	Yes	NO INFO	No Information
Available	Williams Fk Colorado #1	22777	U				0	Yes	NO INFO	No Information
Available	Willow Creek	25723	U				0	Yes	NO INFO	No Information
Available	Willow Creek, East	21539	U				0	Yes	NO INFO	No Information



Available	Willow Creek, West	21541	U		0	Yes	NO INFO	No Information
Available	Willow Lake	70968	U	19.3	0	Yes	NO INFO	No Information
Available	Yule Lake #1	71035	U	7	0	Yes	NO INFO	No Information
Available	Yule Lake #2	71047	U	7.6	0	Yes	NO INFO	No Information
Available	Yule Lake #3	71059	U	1.4	0	Yes	NO INFO	No Information
Available	Yule Lake #4	71061	U	3.3	0	Yes	NO INFO	No Information
Available	Yule Lake #5	71073	U	10	0	Yes	NO INFO	No Information

**CO Dolores**

	Bear Creek	38136	U		0	Yes	RBT	No Limitations Noted
	Beaver Cr	39435	U		0	No	RBT, SRC	No Limitations Noted
	Beaver Cr, West Fork	38064	U		0	No	BKT	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO Dolores</b>											
Available		Beaver Creek, East	38326	U				0	Yes	NO INFO	No Information
		Bilk Cr	38403	U				0	Yes	BKT	No Limitations Noted
Available		Burnett Creek	38693	U				0	Yes	BKT	No Information
		Clear Creek	39649	D				0	No	SRC	No Limitations Noted
Available		Coal Creek	39138	U				0	Yes	RBT	No Information
Available		Cold Creek	39227	U				0	Yes	NONE	No Information
Available		Dolores R #3B	48179	U				0	Yes	SRC, RBT, BNT	No Information
Available		Dolores River #5	47072	U				0	Yes	RBT, BKT, BNT	No Information
Available		Dolores River, West Fk	39809	U				0	Yes	RBT	No Information

		Fall Cr	43117	U				0	No	BKT, RBT, CUT?	No Limitations Noted
Available		Fall Creek	40117	U				0	Yes	BKT	No Information
Available		Fall Creek	49913	U				0	Yes	NONE	No Information
Available		Fish Creek	40179	U				0	Yes	RBT, BKT	No Information
Available		Groundhog Reservoir	90275	U		667.6		0	Yes	YSC, RBT	No Information
		Hanks Cr	40559	U				0	No	NO INFO	No Limitations Noted
		Leopard Cr	41082	U				0	No	RBT	No Limitations Noted
Available		Lizard Head Creek	41208	U				0	Yes	BNT	No Information
Available		Lizardhead Creek	38192	U				0	Yes	NO INFO	No Information
		Lobe Cr, North	46359	U				0	No	BKT	No Limitations Noted
		McCulloch Cr	41462	U				0	No	RBT, BKT, CUT?	No Limitations Noted
Available		Meadow Creek	41498	U				0	Yes	BKT	No Information
		Morrison Creek	38243	U				0	Yes	NO INFO	Intermittent Stream Flow Low Stream Flow
Available		Papoose Creek	49937	U				0	Yes	NONE	No Information
		Red Canyon Creek (Big)	42452	B-		3.0		0	Yes	NONE	No Limitations Noted
		San Miguel R, South Fk	42995	U				0	No	BNT, BKT, RBT,	No Limitations Noted
Available		Silver Creek	43062	U				0	Yes	RBT, BKT	No Information
Available		Slate Creek	43101	U				0	Yes	RBT	No Information
Available		Snow Spur Creek	46688	U				0	Yes	BKT, RBT	No Information
		Spring Creek	43290	U	54	2.0		0	Yes	NONE	Highly Erosive Drainage
Available		Stoner Creek	43416	U				0	No	PPN, RBT, BNT	No Information
		Tabeguache Cr	43480	U				0	Yes	NO INFO	No Limitations Noted
		Tabeguache Cr, North Fork	43492	U		1.3		5	No	NO INFO	No Limitations Noted
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>

**CO Dolores**

Available	Twin Creek, South	47262	U		0	Yes	NONE	No Information
Available	TwinCreek, North	47250	U		0	Yes	NONE	No Information
	West Cr	43997	U		0	No	BKT, RBT, BRT	No Limitations Noted
Available	Wildcat Creek	47224	U		0	No	NONE	No Information
	Willow Cr	38063	U		0	No	NO INFO	No Limitations Noted

**CO Gunnison**

	Anthracite Cr	38023	U		0	Yes	RBT, BRT, SRC	No Limitations Noted	
	Beaver Cr, South	38249	U		0	Yes	SRC	No Limitations Noted	
Available	Beaver Cr, South, East Fork	38251	U		0	Yes	NO INFO	No Information	
	Big Cimarron River	39013	U		0	Yes	RBT	No Limitations Noted	
	Big Dominguez Cr	39811	U		0	Yes	RBT, SRC	No Limitations Noted	
Available	Blue Cr, Big	38489	U		0	Yes	NO INFO	No Information	
Available	Blue Lake	65323	U		8	0	Yes	NO INFO	No Information
Available	Bonita Creek	38516	U		0	Yes	NO INFO	No Information	
	Brush Cr, East	38592	U	6.1	0	Yes	BNT, BKT, SRC	No Limitations Noted	
	Brush Cr, Middle	38605	U	7.3	0	Yes	BNT, BKT, SRC	No Limitations Noted	
	Brush Cr, West	38617	U	7.0	0	No	BNT, BKT, SRC	No Limitations Noted	
	Buck Cr	38631	U		0	Yes	NO INFO	No Limitations Noted	
Available	Canyon Diablo	46638	U		0	Yes	NO INFO	No Information	
	Carbon Cr	38768	U		0	No	BKT, BRT, RBT,	No Limitations Noted	
Available	Cathedral Creek	38869	U		0	Yes	NONE	No Information	
	Cebolla Cr	38910	U		0	No	BNT, BKT, RBT	No Limitations Noted	
	Cebolla Cr, East Fork	38922	U		0	No	BNT, BKT, RBT	No Limitations Noted	
	Cebolla Cr, West Fork	49216	U		0	No	BNT, RBT, BKT	No Limitations Noted	
	Chavez Creek	38984	U	100	0	Yes	BKT	No Information	

Available											
	Cliff Cr	39114	U					0	Yes	NO INFO	No Information
Available											
	Coal Cr	39152	U					0	Yes	RBT, BRT, SRC	No Limitations Noted
	Coal Creek, Little	46993	U					0	Yes	NO INFO	No Information
Available											
	Cochetopa Creek #3	39203	U					0	Yes	BKT, RBT, BNT	No Information
Available											
	Cochetopa Creek, Lake Fk	39215	U					0	Yes	NO INFO	No Information
Available											
	Cooper Lake	89119	U	300	9.6			0	Yes	BKT	No Limitations Noted
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>CO</b>	<b>Gunnison</b>										
Available		Cottonwood Creek	39699	U				0	Yes	NO INFO	No Information
Available		Cottonwood Crk Pond	97673	U			0	0	Yes	NO INFO	No Information
		Cow Cr	47692	U				0	No	NO INFO	No Limitations Noted
		Cow Lake	89210	U			3.2	0	Yes	NO INFO	No Limitations Noted
		Crystal Creek	39467	U				0	Yes	BNT, BKT, SRC	No Limitations Noted
		Cunningham Cr	38519	U				0	No	NO INFO	No Limitations Noted
		Cutler Cr	39544	U				0	No	RBT	No Limitations Noted
Available		Deer Beaver Creek	41810	U	700	3.0		0	No	NONE	No Information
		Dry Cr	39847	U				0	No	NO INFO	No Limitations Noted
		Dry Cr, East Fk (Pryor)	48618	U				0	No	NO INFO	No Limitations Noted
		Dyer Cr	46979	U	0			0	Yes	BKT	No Limitations Noted
		East Fk Dallas Cr	39568	U				0	No	RBT, BKT, BNT	No Limitations Noted
		East River	39915	U				0	No	BNT, BKT	No Limitations Noted
Available		Escalante Cr	40054	U				0	Yes	NO INFO	No Information
Available		Escalante Cr, Dry Fk	49432	U				0	Yes	NO INFO	No Information
Available		Escalante Cr, East Fk	40066	U				0	Yes	NO INFO	No Information
Available		Escalante Cr, Mid Fk	40078	U				0	Yes	NO INFO	No Information

Available	Fall Creek	40105	U		2.0	0	Yes	NONE	No Limitations Noted
	Five Mile Creek	40218	U	200	3.0	0	Yes	NONE	No Limitations Noted
	Gold Creek	38813	U			0	Yes	NO INFO	No Information
Available	Gunnison R, Lake Fk #4	48080	U		2.0	4	Yes	BKT	No Limitations Noted
	Gunnison R, Smith Fk #2	48909	U		3.1	0	Yes	NO INFO	No Information
Available	Gunnison R, Smith Fk, N	40535	U		9.3	0	Yes	BNT, RBT	No Information
Available	Gunnison R, Smith Fk, S	48911	U		5.1	0	Yes	NO INFO	No Information
	Henderson Creek	40600	U			0	No	NO INFO	No Limitations Noted
	Hubbard Cr, West	46676	B-		2.0	0	Yes	BKT, RBT	No Limitations Noted
	Hubbard Creek	40751	U		11.0	0	Yes	BKT	No Information
Available	Illinois Cr	40763	U			0	No	BNT, RBT, SRC,	No Limitations Noted
	Italian Creek, North Fork	40800	U	300	1.5	0	No	NO INFO	No Limitations Noted
	Jones Creek	40840	C	922	2.5	4	No	BRK	No Limitations Noted
	Kannah Creek, North Fork	23224	U		10.0	0	Yes	NO INFO	No Information
Available	Lee Creek	41070	U			0	Yes	NO INFO	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Gunnison</b>	Leroux Cr	21426	U				0	No	RBT, CUT?	No Limitations Noted
		Leroux Cr	41094	U				0	Yes	RBT	No Limitations Noted
		Leroux Cr, East Fork	38849	U				0	No	RBT	No Limitations Noted
		Leroux Creek, West Fk	40262	U				0	Yes	NO INFO	No Information
Available		Little Cimarron R	39051	U				0	No	RBT, BKT, SRC	No Limitations Noted
		Lone Pine Gulch	38830	U				0	Yes	NO INFO	No Information
Available		Lou Cr	47717	U				0	No	NO INFO	No Limitations Noted
		Marcott Creek	41400	U				0	Yes	NO INFO	No Information

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Available	Martinez Creek	41436	U			0	Yes	NO INFO	No Information
Available	Milake Creek	41602	U			0	Yes	NO INFO	No Information
Available	Minnesota Cr	41688	U			0	Yes	NO INFO	No Information
Available	Muddy Creek, Clear Fk	41753	U			0	Yes	NO INFO	No Information
	Nate Cr	41791	U			0	Yes	BKT	No Limitations Noted
	Ohio Cr	41931	U			0	No	BKT, RBT	No Limitations Noted
	Owl Cr	41955	U			0	Yes	NO INFO	No Limitations Noted
Available	Pauline Creek	42034	U		16.0	0	Yes	BKT	No Information
	Pine Cr	42147	U			0	Yes	RBT	No Limitations Noted
Available	Powderhorn Cr, Middle	38825	U			0	Yes	NO INFO	No Information
Available	Powderhorn Cr, West	42250	U			0	Yes	NO INFO	No Information
	Pryor Creek	39702	U		4.0	0	No	NONE	No Limitations Noted
	Road Beaver Creek	38182	U	200	4.0	0	No	BKT	No Limitations Noted
	Rock Creek	45870	U	298	1.0	5	No	BKT	Highly Erosive Drainage
	Roubideau Cr	42717	U			0	Yes	BKT, RBT, BRT	No Limitations Noted
Available	Ruby Anthracite Creek	42755	U			0	Yes	BKT	No Information
Available	Slide Lake	92293	U			5.2	0	Yes	No Information
	Sloan Lake	92318	U	200	5.7	0	Yes	NO INFO	No Limitations Noted
	Spring Cr	43288	U			0	No	BNT, RBT, BKT	No Limitations Noted
	Spring Cr	43303	U			0	No	BNT, BKT, RBT	No Limitations Noted
	Spring Cr, West Fork	43339	U		3.0	0	NO	NONE	No Limitations Noted
Available	Spruce Creek	47913	U			0	Yes	NO INFO	No Information
Available	Steuben Creek, West	46137	U		5.0	0			No Information
	Surface Cr, West Fork	38560	U			0	No	BKT	No Limitations Noted
Available	Surface Creek	43478	U			0	Yes	NO INFO	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Gunnison</b>										
		Taylor River	43543	U				0	No	BNT, BKT, RBT,	No Limitations Noted
Available		Terror Creek	43593	U				0	Yes	NO INFO	No Information
		Texas Lake #2	92572	U			6.4	0	Yes	BKT, BNT	No Limitations Noted
		Texas Lake #3	92584	U			8.9	0	Yes	BKT, BNT	No Limitations Noted
		Texas Lake, North	93485	U			5.4	0	Yes	NO INFO	No Limitations Noted
Available		Trail Creek	38510	U				0	Yes	NO INFO	No Information
		Twin Creek	46226	U	23	0.2		0	NO	BKT	Highly Erosive Drainage
		Twin Creek, North	46238		432	1.0		4	NO	BKT	Highly Erosive Drainage
		Twin Creek, South	46240		452	1.0		5	NO	BKT	Highly Erosive Drainage
		Wallis Lake	DEB01	U	300		5	0	Yes	NONE	No Limitations Noted
Available		Ward Creek	43947	U				0	Yes	NO INFO	No Information
		West Fk Dallas Cr	39570	U				0	No	RBT, BKT	No Limitations Noted
Available		Willow Creek	44064	U				0	Yes	NO INFO	No Information
<b>CO</b>	<b>North Platte</b>										
		Jack Creek	11231	B-				0		NO INFO	No Limitations Noted
<b>CO</b>	<b>San Juan</b>										
Available		Blanco River, Big #2	38439	U				0	Yes	NO INFO	No Information
Available		Cascade Creek #2	48985	U				0	Yes	BKT	No Information
Available		Coal Creek	44204	U				0	Yes	NO INFO	No Information
Available		Coldwater Creek	44216	U				0	Yes	NO INFO	No Information
Available		Cottonwood Lake	97786	U			1.7	0	Yes	RBT	No Information
		Cutthroat Creek	39415	U		2.0		1	No	RBT	No Limitations Noted
		Deer Creek	47591	D	1420	3.1		4	Yes	YSC	No Limitations Noted

Available	Fall Creek	38117	U		2.0		4	Yes	NO INFO	No Limitations Noted
	Fish Creek	40167	U				0	Yes	BKT	No Information
Available	Fourmile Creek	40294	U				0	Yes	BKT, BNT, RBT	No Information
Available	Grayhackle Lake	96457	C			3.4	3	No	RBT	No Limitations Noted
	Hermosa Creek #2	45802	U				0	Yes	RBT	No Information
Available	Hermosa Creek, South Fork	40674	D	715	2.3		4	No	YSC	No Limitations Noted
	Lime Creek	41171	U				0	Yes	RBT, BKT	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>San Juan</b>										
Available		Los Pinos River #2	41284	U				0	Yes	SRC	No Information
Available		Lost Lake	91037	U			7.7	0	Yes	RBT, BKT	No Information
Available		Moon Lake	91366	U			14.8	0	Yes	BKT	No Information
Available		Piedra River, First Fk	42109	U				0	Yes	BNT, RBT, BKT	No Information
Available		Pigeon Creek	37929	U				0	Yes	NO INFO	No Information
Available		Porphyry Gulch	47363	D				0	No	RXC	No Limitations Noted
		Quartz Creek	42301	U				0	Yes	NO INFO	No Information
Available		Rincon La Osa Creek	42503	U				0	Yes	NO INFO	No Information
Available		Rincon La Vaca Creek	43852	U				0	Yes	NO INFO	No Information
Available		Rito Blanco	38441	U				0	Yes	NO INFO	No Information
Available		San Juan R, East Fk	42921	U				0	Yes	RBT, BNT, BKT	No Information
Available		San Juan River, West Fk	42933	U				0	Yes	RBT, BNT, BKT	No Information
Available		Sand Creek	47975	U				0	Yes	RBT, BKT	No Information



Available	Sand Creek, Little	38108	U		1.3		0	No	NO INFO	No Limitations Noted
	Sand Creek, North Fork	48668	U		1.8		0	No	NO INFO	No Limitations Noted
	Vallecito Creek #2	43896	U				0	Yes	RBT, BNT, BKT	No Information
Available	Weminuche Creek	43973	U				0	Yes	RBT, BNT	No Information
Available	Wolf Creek	44153	U				0	Yes	RBT, BKT	No Information

### CO White

Available	Big Fish Creek (BP)	19201	U				0	Yes	NO INFO	No Information
Available	Big Fish Lake	65234	U			20	0	Yes	NO INFO	No Information
Available	Black Sulphur Creek	19213	C	500	3.0		2	No	NO INFO	No Limitations Noted
Available	Blair Lake	65309	U			27.5	0	Yes	NO INFO	No Information
Available	Boulder Lake	65412	U			4	0	Yes	NO INFO	No Information
Available	Cabin Creek	24721	U		2.0		0	No	NO INFO	No Limitations Noted
Available	Camp Lake	73483	U			2	0	Yes	NO INFO	No Information
Available	Canyon Creek	25266	U				0	Yes	NO INFO	No Information
Available	Cathedral Creek	25355	C	50	2.0		1	No	NONE	No Limitations Noted
Available	Doris Lake	72140	U			5.5	0	Yes	NO INFO	No Information
Available	Douglas Creek, East	23127	U	1000	7.0		0	No	NONE	No Limitations Noted
	Fraser Creek	27917	U				0	Yes	NO INFO	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
CO		Gilly Lake	66844	U			9.5	0	Yes	NO INFO	No Information
Available		Herberton Creek	28008	U	20	1.0		0	No	BKT	No Limitations Noted
		Jet Lake	67531	U			7.5	0	Yes	NO INFO	No Information

Available	Lake Creek	20913	C	100	1.0	0	Yes	NO INFO	No Limitations Noted
	Lost Creek	24959	C	200	1.0	2	No	NO INFO	No Limitations Noted
	Lost Solar Lake #1	71542	U			4	Yes	NO INFO	No Information
Available	Mahaffey Lake	68189	U			10	Yes	NO INFO	No Information
Available	Marvine Creek #1	21092	U			0	Yes	NO INFO	No Information
Available	Marvine Lake, Upper	68280	U			88	Yes	NO INFO	No Information
Available	McGinnis Lake	68393	U			22.5	Yes	NO INFO	No Information
Available	Murphy Lake	68761	U			4	Yes	NO INFO	No Information
Available	Ned Wilson Lake	71592	U			3	Yes	NO INFO	No Information
Available	Old Camp Lake	73495	U			10	Yes	NO INFO	No Information
Available	Pine Isle Lake	69181	U			7	Yes	NO INFO	No Information
Available	Rainbow Lake	69321	U			2	Yes	NO INFO	No Information
Available	Sable Lake	69559	U			7	Yes	NO INFO	No Information
Available	Shadow Lake	69787	U			5.7	Yes	NO INFO	No Information
Available	Shingle Peak Lake	69876	U			7	Yes	NO INFO	No Information
Available	Skinny Fish Creek	23147	U			0	Yes	NO INFO	No Information
Available	Skinny Fish Lake	69939	U			20	Yes	NO INFO	No Information
Available	Sleepycat Ponds	70019	U			1.5	Yes	NO INFO	No Information
Available	Slide Lake	70033	U			5	Yes	NO INFO	No Information
Available	Soldier Creek	22082	C	100	6.0	1	No	NONE	No Limitations Noted

Available	Surprise Lake	70398	U		9	0	Yes	NO INFO	No Information
Available	Swede Lake	70413	U		4	0	Yes	NO INFO	No Information
Available	Trail Lake	72481	U		3	0	Yes	NO INFO	No Information
Available	Trappers Lake, Little	70564	U		20	0	Yes	NO INFO	No Information
Available	Ute Creek	22563	U			0	Yes	NO INFO	No Information
Available	Wagonwheel Creek	22602	U			0	Yes	NO INFO	No Information
Available	Wall Lake	70704	U		45	0	Yes	NO INFO	No Information
Available	White River, S Fk (#2)	21313	U			0	Yes	NO INFO	No Information
Available	Windy Point Lake	71580	U		5.5	0	Yes	NO INFO	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Yampa</b>										
Available		Allen Basin Reservoir	64927	U			70	0	Yes	NO INFO	No Information
Available		Beaver Creek	19136	U				0	Yes	NO INFO	No Information
Available		Berry Lake	71768	U			4	0	Yes	NO INFO	No Information
Available		Big Creek Lake	65210	U			8.2	0	Yes	NO INFO	No Information
Available		Boulder Creek	22771	U				0	Yes	NO INFO	No Information
		Bunker Creek	19364	B-	800	4.0		0	Yes	NO INFO	No Limitations Noted
Available		Cataract Creek	22959	U				0	Yes	NO INFO	No Information
Available		Causeway Lake	65765	U			24	0	Yes	NO INFO	No Information
Available		Causeway Lake, Little	65777	U			7.5	0	Yes	NO INFO	No Information

Available	Chatfield Reservoir	65828	U			13.2	0	Yes	NO INFO	No Information
Available	Cottonwood Creek	19807	U				0	Yes	NO INFO	No Information
	Coyner Creek	26074	U	500	1.0		0		NONE	No Limitations Noted
Available	Croshe Reservoir	66111	U			56	0	Yes	NO INFO	No Information
	CV Lake	66088	C	200		1	0	No	NO INFO	No Limitations Noted
Available	Deep Lake	66197	U			23	0	Yes	NO INFO	No Information
Available	Dines Lake	66286	U			6	0	Yes	NO INFO	No Information
Available	Dome Lake	66325	U			14.7	0	Yes	NO INFO	No Information
Available	Edward Lake	66414	U			14.7	0	Yes	NO INFO	No Information
Available	Elake Creek	27866	U				0	Yes	NO INFO	No Information
Available	Elake River, N Fk #1	20189	U				0	Yes	NO INFO	No Information
Available	Elbert Lake	66426	U			11	0	Yes	NO INFO	No Information
	Fishhawk Lake	66604	U			4	0	No	NO INFO	No Limitations Noted
Available	Freeman Reservoir	66705	U			16.6	0	Yes	NO INFO	No Information
	Haley Reservoir	67163	B-			12.8	0	Yes	NO INFO	No Limitations Noted
Available	Independence Creek	20711	U				0	Yes	NO INFO	No Information
Available	JokodowskiI Creek	26143	U				0	Yes	NO INFO	No Information
Available	King Solomon Creek	20874	U				0	Yes	NO INFO	No Information
	Lake Of The Crag	67668	B-	300		5	0	Yes	NO INFO	No Limitations Noted
Available	Long Lake	67909	U			10.8	0	Yes	NO INFO	No Information
Available	Lost Lake, East	68040	U			13.8	0	Yes	NO INFO	No Information
	Mandall Lake, Slide	68230	U			6	0	Yes	NO INFO	No Information

Available

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
CO	Yampa										
Available		Mandall Lake, Twin, Upper	68242	U			7.5	0	Yes	NO INFO	No Information
Available		Margaret Lake	68254	U			33.1	0	Yes	NO INFO	No Information
		Milk Creek	24961	U	500	3.0		0	Yes	NONE	No Limitations Noted
		Miller Creek	24078	C-	100	1.0		0	No	NO INFO	No Limitations Noted
Available		Mirror Lake	68507	U			6.4	0	Yes	NO INFO	No Information
Available		Morapos Creek	21270	U				0	Yes	NO INFO	No Information
Available		Morgan Creek	21282	U				0	Yes	NO INFO	No Information
Available		Oat Lake	68913	U			5.5	0	Yes	NO INFO	No Information
Available		Pearl Lake	69092	U			167	0	Yes	NO INFO	No Information
		Poose Creek	21561	U	500	5.0		2		NO INFO	No Limitations Noted
		Pristine Lake	69244	U			10	0	No	NO INFO	No Limitations Noted
		Ptarmigan Lake	69256	U			7.3	0	Yes	NO INFO	No Information
Available		Quaker Mountain Ponds	69270	U			2	0	Yes	NO INFO	No Information
Available		Rainbow Lake	69345	U			8	0	Yes	NO INFO	No Information
Available		Rainbow Lake	69357	U			1.4	0	Yes	NO INFO	No Information
Available		Reed Creek	21636	U				0	Yes	NO INFO	No Information
Available		Round Lake	69484	U			8.3	0	Yes	NO INFO	No Information
Available		Sanchez Lake, Lower	69597	U			4.6	0	Yes	NO INFO	No Information
Available		Sanchez Lake, Upper	69585	U			2.8	0	Yes	NO INFO	No Information

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Available	Sawtooth Creek	21876	U				0	Yes	NO INFO	No Information
Available	Sawtooth Lake #2	69648	U			2	0	Yes	NO INFO	No Information
Available	Sawtooth Lake #3	69650	U			3	0	Yes	NO INFO	No Information
Available	Sawtooth Lake #4	69662	U			3	0	Yes	NO INFO	No Information
Available	Sawtooth Lake #6	69686	U			1.9	0	Yes	NO INFO	No Information
Available	Slater Creek, Roaring Fork	27032	U	150	1.0		0		NONE	No Limitations Noted
	Slater Creek, S Fk	23286	U				0	Yes	NO INFO	No Information
Available	Slide Creek	22062	C	400	2.0		0	No	NO INFO	No Limitations Noted
	Slide Lake #3	70069	U			4.8	0	Yes	NO INFO	No Information
Available	Slide Lake #4	70071	U			4.2	0	Yes	NO INFO	No Information
Available	Smith Creek	26686	U	200	2.0		0	No	NO INFO	No Limitations Noted
	Smith Lake, Upper	70083	U			7.5	0	Yes	NO INFO	No Information
Available	Snowstorm Lake	70122	U			8	0	Yes	NO INFO	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Yampa</b>										
Available		Stuckey Creek	22210	U				0	Yes	NO INFO	No Information
		Torso Creek	22397	B-	200	2.0		2	No	BKT	Low Stream Flow
		Trout Creek	23557	U	400	2.0		0	No	BKT	No Limitations Noted
Available		Vaughn Lake	70689	U			36	0	Yes	NO INFO	No Information
Available		Wheat Lake	70829	U			2.8	0	Yes	NO INFO	No Information
Available		Whiskey Creek	22715	U				0	Yes	NO INFO	No Information
Available		Willow Cr #1	22842	U				0	Yes	NO INFO	No Information
Available		Wolverine Lake	70994	U			7.3	0	Yes	NO INFO	No Information

Available

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State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
UT	NE	Allen Creek	II CB 01			3.3		6	No	BKT, RBT	Competition
		Amoeba L.	II 096B				4.6	6	Yes	YSC	Competition
		Anderson Creek	II BJ 100 01			8.9		6	No	BKT, RBT	Competition
		Angel L. WR-19	II 098B				10.4	6	Yes	GRLY	Competition
		Arta L. RC-23	II 098C				5.4	6	Yes	NONE	Few Spawning Areas
		Ashley Cr., N. Fk.	II BH 070			7.8		6	No	RBT	Competition
		Ashley Cr., S. Fk.	II BH 060			14.0		6	No	BKT, RBT	Competition
		Beaver Creek	II CH 050 01			7.6		6	No	BKT	Competition
		Betsey L. X-7	II 102				33.8	6	Yes	YSC, BKT	Competition
		Bitter Creek	II BD 010A 01-02			6.0		6	No	BKT	Competition
		Bolley L. U-96	II 108B				10	6	Yes	NONE	Few Spawning Areas
Available		Brown Duck Creek	II BE 020D 01					6	No		No Information
		Brown Duck L. X-31	II 113				30.7	6	Yes	YSC, BKT	Competition
Available		Carrol L., East X-21	II 116B				10	6	Yes	NONE	No Information
		Carrot Creek	II BE 010G 01 01			2.0		6	No	BKT	Competition
		Carter Creek	II CH 01-02			14.5		6	No	BKT, RBT	Competition
		Carter Creek, E. Fk.	II CH 070A			6.0		6	No	BKT	Competition
		Carter Creek, W. Fk.	II CH 060			8.2		6	No	BKT	Competition
Available		Chain L. No. 4 U-4	II 122				13.5	6	Yes	NONE	No Information
		Clements Res. X-74	II 124				79.2	1	Yes	YSC	Competition
		Craig L. U-85	II 128B				9.3	6	Yes	BKT	Competition
		Crescent L. U-48	II 130				31	6	Yes	BKT	Competition
		Crow Canyon Creek	Unassigned5					6	No		Competition
Available		Crow L. DG-3	II 131A				18	6	Yes	NONE	No Information
Available		Crow Lake	II 131				18	6	No		No Information
Available		Currant Cr., L. Fk.	II BE 060F 01K2 01					6	No	NONE	No Information
Available		Currant Cr., Rt. Fk.	II BE 060F 01K01			4.7		6	No	NONE	No Information



Available											
		Currant Cr., S. Fk.	II BE 060F 01K3 01					6	No	NONE	No Information
Available		Daggett Lake	II 058H				44	6	No		No Information
Available		Dead Man Lake	II 719				7	6	No		No Information
Available		DF-4	II 717A				10	6	Yes	YSC	Competition
Available		DG-10	II 131J				10	6	Yes	NONE	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
UT	NE										
Available		DG-14	II 131O				2	6	Yes	NONE	No Information
Available		DG-15	II 131P				3	6	Yes	NONE	No Information
Available		DG-16	II 131Q				3	6	Yes	NONE	No Information
Available		DG-17	II 131R				3	6	Yes	NONE	No Information
Available		DG-6	II 131F				3	6	Yes	NONE	No Information
Available		DG-9	II 131I				10	6	Yes	NONE	No Information
Available		Divide L. U-59	II 137B				18.9	6	Yes	NONE	No Information
Available		Docs Lake	II 138				7	6	No	NO INFO	No Information
Available		Dry Fork Creek	II BH 010 04			5.5		6	No	BKT	Competition
Available		Dry Gulch Creek	II BE 010A			18.0		6	No	NONE	No Information
Available		Duchesne R., N. Fk.	II BE 160					6	No	NO INFO	No Information
Available		Figure Eight Lake	II 146A				3	6	No	NO INFO	No Information
Available		Fish Creek	II BE 020C 01					6	No	NO INFO	No Information
Available		Fish Hatchery L. X-6	II 149				37.2	6	Yes	BKT	Competition

		Francis Creek	II BY 020 01		5.0		6	No	RBT	Competition	
		Garfield Creek	II BE 020B 04 01		7.0		6	No	BKT	Competition	
Available		Granddaddy Lake X-9	II 156			160	6	No	NO INFO	No Information	
Available		Heart L. X-13	II 159			5.7	6	Yes	NONE	No Information	
Available		Heller Lake	II 161			12	6	No	NO INFO	No Information	
		Island Res. X-34	II 164			66.3	1	Yes	YSC, BKT	Competition	
		Jackson Creek	II BT	10.5			6	No	RBT	Competition	
Available		Katy L. WR-34	II 172B			9	6	Yes	NONE	No Information	
		Kidney L. X-35	II 173			190.2	6	Yes	YSC, BKT	Competition	
Available		Kings L. Y-22	II 173BA			7.5	6	Yes	NONE	No Information	
Available		LF-8	II 175AH			6.9	6	Yes	NONE	No Information	
		Low Pass Creek	II BE 060F 01J 01		4.9		6	No	RBT	Competition	
Available		Macaffee Basin Creek	II BE 100B 01				6	No		No Information	
Available		Mann Creek	II CI 025 01A				6	No		No Information	
Available		Margo L. Z-23	II 184A			11.1	6	Yes	NONE	No Information	
		Milk Creek	II BE 020B 05 01		4.3		6	No	BKT	No Limitations Noted	
Available		Ogden L. WR-5	II 193			13.9	6	Yes	NONE	No Information	
Available		Okey Doke L. U-5	II 193B			12.9	6	Yes	NONE	No Information	
		Ottoson L., Upper X-87	II 193BBC			12.4	6	Yes	YSC	Competition	
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>UT</b>	<b>NE</b>										
Available		Pass Creek	II BE 060F 01K 01			3.6		6	No	NONE	No Information
Available		Penny Nickell L. U-98	II 197C				11.5	6	Yes	NONE	No Information
		Powell L. Z-30	II 204			22.4	6	Yes	NONE	No Information	

Available	R C No. 1 Lake WR-2	II 210D	10.2	6	Yes	NONE	No Information
Available	Race Track Creek	II BE 060F 01H01	4.0	6	No	NONE	No Information
Available	Red Belly L. GR-51	II 739	14	6	Yes	BKT	Competition
	Roberts L. U-15	II 214B	23.3	6	Yes	BKT	Competition
	Rock Creek	II BE 100 03		6	No	BKT, RBT	Competition
	Rock Creek, S. Fk.	II BE 100G 01	7.4	6	No	BKT	Competition
	Rock Creek, W. Fk.	II BE 100I 01	6.0	6	No	BKT	Competition
	Rock L., Upper WR-14	II 219C	33.4	6	Yes	NONE	No Information
Available	Sandy L. GR-45	II 739A	8	6	Yes	NONE	No Information
Available	Sea Lion L. RC-11	II 223C	7.9	6	Yes	NONE	No Information
Available	Sheep Cr., Middle Fk.	II CI 050 01-03	4.7	6	No	BKT, RBT	Competition
	Tamara L. WR-73	II 235C	6.9	6	Yes	BKT	Competition
	Toquer Lake LF-25	II 245	11	6	No	NO INFO	No Information
Available	U-35	II 251B	4.4	6	Yes	BKT	Competition
	U-38	II 251E	15.7	6	Yes	NONE	No Information
Available	U-42	II 251H	7.6	6	Yes	NONE	No Information
Available	U-45	II 251I	5	6	Yes	NONE	No Information
Available	U-91	II 251UB	6.9	6	Yes	NONE	No Information
Available	U-93	II 251V	11.1	6	Yes	NONE	No Information
Available	Whiterocks River	II BE 010C 04	4.0	6	No	BKT	Competition
	Willow Creek	II BE 060 K 01	12.0	6	No	BKT	Competition
	Willow Creek	II BP		6	No		No Information
Available	Wolf Creek	II BE 150A 01		6	No		No Information
Available	X-24	II 264	21.4	6	Yes	YSC	Competition

	X-25	II 265			15.9	6	Yes	YSC	Competition
Available	X-51	II 267B			4	6	Yes	NONE	No Information
Available	X-61	II 270A			5.2	6	Yes	NONE	No Information
Available	X-62	II 270B			6	6	Yes	NONE	No Information
Available	X-78	II 272			17	6	Yes	NONE	No Information
Available	X-89	II 281A			3.4	6	Yes	NONE	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>UT</b>	<b>NE</b>	Yellowstone River	II BE 020B 04			5.0		6	No	BKT	Competition
Available		Young L. X-100	II 286				4	6	Yes	NONE	No Information
<b>UT</b>	<b>NE/nr</b>	Archie Creek	II CK 020B 01 01					6	No	NONE	No Information
Available		Beaver Cr., Mid. Fk.	II CJ 040B 01-02			14.2		6	No	BKT	Competition
		Beaver Cr., W. Fk.	II CJ 040A 01-02			15.4		6	No	BKT	Competition
Available		Beaver Meadows Res.	II 536C				135	6	No		No Information
		Blacks Fk	II CK			2.5		6	No	BKT, MWF	Competition
Available		Blacks Fk., L. W. Fk.	II CK 030 02			4.7		1	No	BKT BELOW	No Information
Available		Blacks Fk., M. Fk.	II CK 050A 01			8.8		6	No	NONE	No Information
		Blacks Fk., W. Fk.	II CK 050 02-03			13.0		6	No	BKT, MWF	Competition
		Blacks Fk., W. Fk. 15	II CK 050O 01			3.5		6	No	BKT	Competition
		Blacks Fk., W. Fk. 20	II CK 050T 01			1.6		6	No	BKT	Competition
		Blacks Fk., W. Fk. 24	II CK 050X 01			2.3		6	No	BKT, MWF	Competition
Available		Blacks Fk., W. Fk. 29	II CK 050ZC 01			1.6		6	No	NONE	No Information
		Blacks Fk., W. Fk. 32	II CK 050ZF 01			1.1		6	No	NONE	No Information

Available	Brush Creek	II CK 050B 01		2.5		6	No	BKT	Competition
	Burnt Fork Creek	II CJ 030		10.6		6	No	NONE	No Information
Available	Cataract Creek	II CK 050J 01		2.3		6	No	BKT	Competition
	Dahlgren Creek	II CJ 050		8.0		6	No	BKT	Competition
	G-60	II 595L			2.5	6	No	BKT	Competition
	G-64	II 595 MC			3.4	6	No	NONE	No Information
Available	Gilbert Creek	II CK 020A 01 01		1.0		6	No	BKT	Competition
	GR-151	II 596 I			12.6	6	No	BKT	Competition
	GR-153	II 596K			2	6	No	BKT	Competition
	GR-177 Lake	II 596LU			18.3	6	No	BKT	Competition
	Grass Lake (G-8)	II 597			5.5	6	No	BKT	Competition
	Henry's Fk. 17	II CJ 017		2.0		6	No	NONE	No Information
Available	Henry's Fork Lake (G-1)	II 601			19.7	6	No	NONE	No Information
Available	Henry's Fork River	II CJ 01-02		14.5		6	No	NONE	No Information
Available	HF 11 out of G-62 Lake	II CJ 011		0.9		6	No	NONE	No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
UT	NE/nr										
Available		HF 15 from Sawmill Lake	II CJ 015			1.2		6	No	NONE	No Information
Available		HF 19 from Grass Lake	II CJ 019			2.1		6	No	NONE	No Information
Available		HF 20 out of G-98 Lake	II CJ 020		1137	5.2		6	No	NONE	No Information
		Island Lake (G-9)	II 610A				10.4	6	No	BKT	Competition
Available		Joulious Creek	II CJ 060			3.0		6	No	NONE	No Information
Available		Little Blanchard Lk. G-8	II 628B				3.6	6	No	NONE	No Information
Available		Muddy Cr., W. Fk.	II CK 010A 01			2.3		6	No	NONE	No Information

Available	Smiths Fork 13, E. Fk.	II CK 020A 13		3.4	6	No	BKT	Competition
	Smiths Fork 22, E. Fk.	II CK 020A 22		2.7	6	No	BKT, RBT, RXC	Competition
	Smiths Fork 5, E. Fk.	II CK 020A 05		5.5	6	No	BKT	Competition
	Smiths Fork, E. Fk.	II CK 020A 03		16.0	6	No	BKT, RBT	Competition
	Spring Creek	II CJ 045B		2.0	6	No	NONE	No Information
Available	Steel Creek	II CK 020B 02 01	757	3.6	6	No	NONE	No Information
Available	Van Tassle Creek	II CK 010A 01 01		1.2	6	No	NONE	No Information

### UT SE

Available	Beaver Creek	I BQ 030 01		13.7	6	No	NONE	No Information			
Available	Beaver Creek	I BQ 030 02		4.1	6	No	NONE	No Information			
Available	Beaver Creek	I BQ 070D 01	1083	3.4	6	No	NONE	Poor Pools and Cover Steep Gradient			
Available	Beaver Creek	II AK 180 01	30	2.6	6	No	RBT	No Information			
Available	Beaver Creek	II AK 180 02	0-18	13.1	6	No	NONE	No Information			
	Big Bear Creek	II AI 120G 01	U	348	8.8	6	No	NONE	Poor Pools and Cover Steep Gradient		
Available	Crandall Creek	II AI 130J 01	U	145	2.3	6	No	NONE	No Information		
	Crandall Creek	II AI 130J 02	U	13	1.2	6	No	NONE	Poor Pools and Cover Steep Gradient		
	Geyser Cr. (Section 1)	I BQ 050 B		4.2	6	No	NONE	No Limitations Noted			
	Geyser Ditch (Buckeye Cr.)	I BQ 050B 02	U	563	5.3	6	No	NONE	No Limitations Noted		
	Indian Creek	I BG 02		2.0	6	No	NONE	Poor Pools and Cover Steep Gradient			
	Indian Creek	I BG 03	U	70-171	10.3	6	No	NONE	Poor Pools and Cover Steep Gradient		
	Kyune Creek	II AK 170 01	U	180	4.1	6	No	NONE	Low Stream Flow		
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>

**UT SE**

	Kyune Res. Creek	II AK 170A 01 01	U	53-212	0.5	6	No	RBT	Poor Pools and Cover
	La Sal Creek	I BQ 070 03		18-30	4.0	0	No	BKT	Poor Pools and Cover Steep Gradient
Available	Lake Canyon Creek	II AI 130M 05 01	U	35	1.5	6	No	RBT	No Information
	Lake Canyon Creek	II AI 130M 05 02	U	609	1.3	1	No	RBT	No Limitations Noted
Available	Nuck Woodward Creek	II AI 130N 01	U	70-478	6.3	1	No	NONE	No Information
	Range Creek	II AQ 04	U	293	6.5	6	No	BNT	No Limitations Noted
	Roc Creek	I BQ 050 01	U	28-493	2.6	6	No	NONE	No Limitations Noted
	Sawmill Cyn. Creek	II AI 130N 06			0.5	6	No	NONE	Poor Pools and Cover
	Scad Valley Creek	II AI 130M 01 01	U	319-400	4.8	1	No	BNT	Poor Pools and Cover Steep Gradient
	Taylor Creek	I BQ 050A	U	704	3.9	6	No	BKT	Poor Pools and Cover Steep Gradient
	White River	II AK 190 01	U	71	6.2	6	No	BNT	Poor Pools and Cover Steep Gradient
	White River	II AK 190 02	U	194	2.0	6	No	NONE	Poor Pools and Cover Steep Gradient
Available	White River, L. Fk.	II AK 190B 01			5.0	6	No	NONE	No Information

**UT SO**

Available	Short Creek	Unassigned1	A	>100	7.0	0	Yes	NONE	No Information	
	Tall Four Lake NCL	I 360	A	>100		0.7	4	Yes	BKT	Competition
Available	UM Creek	I AZ 130Z	A	1000	18.0	1	Yes	TGT	No Information	

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>WY Blacks Fork/East</b>											
Available		East Beaver Creek	GR841120UA	U		4.0		0	No		No Information
		Gilbert Creek	GR841925UA	C	500	6.0		1	Yes	BKT RBT	Excessive Riffle Areas Low Stream Flow Past Tie Drives
Available		Gooseberry Creek	GR840976SR	U		3.0		0	Yes		No Information
Vegetation		Horse Creek	GR841965UA	C	200	9.5		0	No	NONE	Excessive Riffle Areas Inadequate Riparian
		Little Gilbert Creek	GR841930UA	C	150	3.0		1	No	BKT	Management Activity Past Tie Drives
Available		Meeks Cabin Reservoir	GR240267UA	U			488	0	No		No Information
Available		Middle Fork Muddy Creek	GR841860UA	U		2.0		0			No Information
		Sage Creek	GR841880UA	D	200	10.0		0	Yes	NONE	Excessive Riffle Areas Past Tie Drives Steep Gradient
Available		West Fork Smiths Fork	GR841910UA	U		7.7		0	No	BKT RBT	No Information
		West Muddy Creek	GR841855UA	C	50	2.0		0	No	BKT	Low Stream Flow Management Activity
Available		Westside Tributary	GR841931UA	U		1.0		0	No	BKT	No Information
<b>WY East Fork</b>											
Available		August Lake	PE140386SE	U			5	0	No		No Information
<b>WY Little Snake River</b>											
Available		Mill Creek	GR872350CN	U		5.5		1	No	BKT	No Information
Available		Rendle Butte Reservoir	GR472425CN	U			3	0	Yes	RBT	No Information
		Right Branch Mill Creek	GR872354CN	U		0.9		0	No		No Information



Available										
	South Fork Mill Creek	GR872352CN	U		1.8		0	No		No Information
Available										
	Vole Creek	GR872695CN	U		1.0		0	No		No Information
Available										
	West Branch Haskins Creek	GR872722CN	U		0.7		0	No		No Information
Available										

### WY Upper Green River

	No Name Creek	PE845125SE	U		1.7		0	Yes		No Information
Available										
	Tepee Creek	PE845240SE	C	100	6.0		0	No	BKT SRC	Management Activity
	Tosi Creek	PE845180SE	U		16.0		0	No	BKT RBT	No Information
Available										

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>WY Westside</b>											
		Apperson Creek	PE843390SE	U		6.0		0	No	BKT	Management Activity
		Bald Hornet Creek	PE843140LN	U		5.1		0	No		Low Stream Flow
		Beaver Creek	PE843275SE	U		5.5		0	No	BKT	Management Activity
		Beecher Creek	PE844140SE	U		6.0		0	No		No Information
Available											
		Black Canyon Creek	PE843260SE	U		8.0		0	No		No Information
Available											
		Cabin Creek	PE843195LN	U		2.6		0	No	BKT	No Information
Available											
		Camp Creek	PE844142SE	U		4.5		0	No		No Information
Available											
		Camp Creek	PE844285SE	C	50	1.0		0	No	NONE	Low Stream Flow Steep Gradient
		Cole Creek	PE844270SE	U		3.0		0	No	BKT	No Information
Available											
		Coyote Park Creek	PE843175LN	U		2.9		0	No	BKT RXC	No Information
Available											
		Crystal Creek	PE843220LN	U		2.0		0	No	BKT	No Information
Available											
		Dead Cow Creek	PE844280SE	C	50	4.0		0	No	NONE	Steep Gradient
		Dock Creek	PE843165LN	U		2.5		0	No		No Information

Available											
	Hogarty Creek (Stacy Cr)	PE843245SE	U		8.0			0	No		No Information
Available	Indian Creek	PE843125LN	U		3.3			0	No	BKT	No Information
Available	Little Clear Creek	PE843215LN	U		2.0			0	No	BKT	No Information
Available	Little Corral Creek	PE843225LN	U		2.1			0	No	BKT	No Information
Available	Little Cottonwood Creek	PE844130SE	C	200	3.5			0	No	NONE	Low Stream Flow Management Activity
	Little Sandy Creek	GR842535SE	U		30.0			0	No		No Information
Available	Mack Creek	PE843160LN	U		3.8			0	No		No Information
Available	Maki Creek	PE844050SE	C	100	2.0			0	No	NONE	Low Stream Flow
	Middle Fork Beaver Creek	PE843283SE	C	130	7.1			0	No	NONE	Low Stream Flow
	Middle Fork Fish Creek	PE843295SE	U		0.7			0	No		No Information
Available	Mill Creek	PE844330SE	U		1.0			0	No	BKT	No Information
Available	Muddy Creek	PE843430SE	U		36.0			0	Yes		No Information
Available	Mule Creek	PE844360SE	U		2.5			0	No		No Information
Available	North Fork Fish Creek	PE843290SE	U		2.0			0	No		No Information
Available	North Horse Creek	PE844300SE	C	500	10.0			0	Yes	BKT SRC	Highly Erosive Drainage Management Activity
	North Muddy Creek	PE843445SE	U		4.0			0			No Information
Available	North Piney Creek	PE843377SE	U		8.0			0	Yes	BKT SRC	No Information
Available	Pass Creek	PE844260SE	U		5.0			0	No	BKT	No Information

**State**   **GMU**   **Water Name**                      **Water Code**                      **Purity**                      **Adult Pop**   **Miles**   **Acres**   **Barrier**   **CRCT Stocked?**   **Other Salmonids**   **Habitat Limitations**  
**WY**   **Westside**

	Red Castle Creek	PE844150SE	C	50	1.5	0	No	NONE	Low Stream Flow
Available	Shafer Creek	PE843145LN	U		2.3	0	No	BKT	No Information
Available	South Apperson Creek	PE843395LN	U		3.0	0	NO	BKT	No Information
Available	South Beaver Creek	PE844480SE	U		22.0	0	No	RBT SRC	No Information
	South Fork Beaver Creek	PE843284SE	D	350	4.5	0	No	RBT	Low Stream Flow Management Activity
	South Horse Creek	PE844250SE	D	300	8.0	0	No	BKT SRC	Management Activity
Available	South Muddy Creek	PE843440SE	U		2.0	0			No Information
	Spring Creek	PE843280SE	C	100	5.0	0	No	NONE	Low Stream Flow Management Activity
Available	Spring Creek	PE844320SE	U		4.0	0	No		No Information
	Trail Ridge Creek	PE843281SE	C	300	5.3	0	No	NONE	Low Temperatures Management Activity
Available	Turkey Creek	PE843120LN	U		3.1	0	No	BKT, RBT	No Information

## Tri-State Summary for CRCT Waters: Appendix C--Other Potential Cutthroat Waters

Report Date: 30-Mar-01

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Colorado</b>	Clear Creek	25646		200	4.0		0	No	RBT, BKT	No Limitations Noted
<b>CO</b>	<b>Dolores</b>	Little Red Canyon	42464	U				0	No	BKT, BRT, BNT	No Limitations Noted
<b>CO</b>	<b>Gunnison</b>	Antelope Creek	40662		0	0.0		5	No	RBT	No Limitations Noted
Available		Baldy Lake	88434				5.4	0	No		No Information
Available		Betty Lake	88559				2.2	0	No		No Information
Available		Blue Lake	88701				4.4	0	No		No Information
Available		Boulder Lake	88775				8.9	0	No		No Information
		Brush Cr	38580	U		4.1		0	No	BNT, BKT, SRC	No Limitations Noted
Available		Cascade Creek	44842			4.5		0	No		No Information
Available		Cataract Lake	88927				15.8	0	No		No Information
Available		Chair Mountain Lake	88977				5.7	0	No		No Information
Available		Copper Lake, Lower	89121				7.7	0	No		No Information
Available		Costo Lake	89171				4.9	0	No		No Information
Available		Costo Lake, Little	94689			1.0	1	0	No		No Information
Available		Crystal Lake	89311				3.2	0	No		No Information
Available		Crystal Lake	89323				17.3	0	No		No Information
Available		Devils Creek	45159			3.0		0	No	YSC	No Limitations Noted

Available	East Creek	45248		0		0	No	NONE	No Information	
Available	Emerald Lake	89854				12.1	0	No	No Information	
Available	Fairview Lake	89905				8.9	0	No	No Information	
Available	Gandy Gulch	49002			3.1		0	No	No Information	
Available	Green Lake	90237				3.2	0	No	No Information	
Available	Gunnison R, Lake Fk #3	40496	U		9.4		0	Yes	BKT, RBT, BNT	No Information
Available	Henry Lake	90439				12.8	0	No	No Information	
Available	Hidden Lake	90453				1.7	0	No	No Information	
Available	Hidden Lake, Little	94196				2	0	No	No Information	

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO</b>	<b>Gunnison</b>										
Available		Horsethief Lake	90554			1.0	1	0	No		No Information
Available		Illinois Lake	90655				2	0	No		No Information
Available		Independence Lake	90667				5	0	No		No Information
Available		Italian Lake	90718				5.7	0	No		No Information
Available		Jenkins Lake	90732				1.5	0	No		No Information
Available		Lamphier Lake, Lower	90869				3.2	0	No		No Information
Available		Lamphier Lake, Upper	90871				4.2	0	No		No Information
Available		Larson Lake	90883				4	0	No		No Information
Available		Lilly Lake	94312			3.0	3	0	No		No Information

Available	Long Lake	90996		3.2	0	No		No Information
Available	Lottis Lake, Upper	91087		6.4	0	No		No Information
Available	Mill Creek Ponds	93726		1.5	0	No		No Information
Available	Mill Lake	91265		6.4	0	No		No Information
Available	Mt Gunnison Lake, South	91429		22.5	0	No		No Information
Available	Mysterious Lake	91455		6.4	0	No		No Information
Available	Nutras Creek	41905	U		0	Yes	NO INFO	No Information
Available	Peeler Lake, Lower #1	91710		5.2	0	No		No Information
Available	Powderhorn Lake, Lower	91823		8.4	0	No		No Information
Available	Powderhorn Lake, Upper	91811		26.7	0	No		No Information
Available	Ptarmigan Lake	91861		6.4	0	No		No Information
Available	Red Mountain Lake	93497		1.5	0	No		No Information
Available	Sheep Lake	92229		9.6	0	No		No Information
Available	Snare Lake #1	92332		3.0	3	0	No	No Information
Available	Spring Cr, East Fork	43315	U		0	No	RBT	No Limitations Noted
Available	Stewart Creek	43391	U		0	Yes	BNT, BKT	No Information
Available	Taylor Lake	92508		25.7	0	No		No Information
Available	Thompson Lake	92596		5.4	0	No		No Information
Available	Twin Lake, Lower #1	92786		10.9	0	No		No Information
Available	Twin Lake, Lower #2	92798		3.2	0	No		No Information

Van Boxel Cr	46599	U		0	No	BKT, RBT, RXN	No Limitations Noted
Willow Cr	44052	U		0	No	BKT, SRC	No Limitations Noted

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
<b>CO San Juan</b>											
Available		Castle Creek	42850			3.5		0	No		No Information
Available		Navajo River, Little	41830			9.5		0	No		No Information
Available		Sierra Vandera Creek	44032			3.8		0	No		No Information

State	GMU	Water Name	Water Code	Purity	Adult Pop	Miles	Acres	Barrier	CRCT Stocked?	Other Salmonids	Habitat Limitations
UT	NE	Anson L. Upper GR-10	II 054	U			7.7	6	No	BKT	No Information
Available		Atwood Creek	II BE 010G 01A	U		10.7		6	No	BKT	No Information
Available		Bassett Creek	II BJ 010A 01	U				6	No		No Information
Available		Burnt Creek	II CH 020	U				6	No		No Information
Available		Cart Creek	II BY	U		12.0		6	No	BKT, RBT	Competition Management Activity
		Chepeta L. WR-64	II 123	U			135	1	No	YSC, BKT	Competition
Available		Clear L. GR-12	II 058G	U			10.2	6	No	NONE	No Information
		Continent L. X-121	II 128	U			27.4	6	No	BKT	Competition
Available		Cow Hollow	II BH 040 01	U				6	No	RBT	No Information
Available		Cub Creek	II CH 010	U				6	No		No Information
Available		Davenport Creek	II BU	U				6	No		No Information
Available		Deep Creek	II CH 040	U				6	No		No Information
		Deer L. X-55	II 135	U			12	1	No	YSC, BKT	Competition
Available		DG-7 Lake	II 131G	U			6	6	No		No Information
Available		Diamond Gulch, N. Fk.	II BM 080B 01	U				6	No		No Information
Available		Diamond Gulch, S. Fk.	II BM 080A 01	U				6	No		No Information
Available		Eagle Creek	II CG	U				6	No		No Information
Available		Elk Creek	II CH 030 01	U				6	No		No Information
Available		Ely Creek	II BM 030	U				6	No		No Information



Available	Fish Creek	II BB 060A 01 01	U				6	No		No Information	
	Fish L. GR-125	II 587A	U		38.3		6	No	BKT	Competition	
	Five Point L. X-106	II 151	U		82		6	No	YSC, BKT	Competition	
	Gail L. GR-115	II 596B	U		4.5		6	No	BKT	Competition	
	Gilbert Creek	II BE 010I 01 01	U	2.8			6	No	BKT	Competition	
Available	Gorge Creek	II BW	U				6	No		No Information	
Available	Government Creek	II BJ 080 01	U				6	No		No Information	
	GR-31	II 066BD	U		6		6	No	BKT	Competition	
	Grayling L. X-56	II 157	U		8.5		6	No	BKT, GRLY	Competition	
	Horseshoe L. WR-67	II 162C	U		12		6	No	BKT	Competition	
	Jean L. Z-41	II 167	U		23.2		6	No	BKT	Competition	
	Jill L. X-111	II 168	U		3.6		6	No	BKT	Competition	
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>UT</b>	<b>NE</b>										
Available	Kelly Canyon Creek	II BB 030C 01	U				6	No		No Information	
Available	Kettle Creek	II BW 010	U				6	No		No Information	
Available	Krebs Creek	II BE 010G 01	U		5.5		6	No		No Information	
Available	L. W. Fk. Duchesne R.	II BE 150I 01	U				6	No		No Information	
	Lightning L. X-127	II 176	U			14.1	6	No	YSC, BKT	Competition	
	Lily Pad, Upper DG-25	II 176B	U			12	6	No	BKT	Competition	
Available	Little Elk Creek	II CH 030A	U				6	No		No Information	
Available	Mann Creek	II CI 025 01	U				6	No		No Information	
Available	Meadow Creek	II BB 030 01-02	U				6	No		No Information	
	Mocassin L WR-53	II 186B	U			11.1	6	No	YSC, BKT	Competition	
	Mohawk L. X-10	II 188	U			50.8	6	No	BKT	Competition	
	Nellie L. WR-75	II 191B	U			2.7	6	No	YSC	Competition	

Available	Ottoson L. Lower X-88	II 193BBB	U		9.1	6	No	YSC	Competition		
	Ouray L. X-122	II 193C	U		4	6	No	YSC, BKT	Competition		
	Oweep Creek	II BE 020H	U			6	No		No Information		
Available	Palisade L. Z-28	II 197	U		22.4	6	No	YSC, BKT	Competition		
	Papoose L. WR-52	II 197A	U		14.9	6	No	YSC, BKT	Competition		
	Pot Creek	II BN 01-04	U			6	No		No Information		
Available	Ram L. GR-24	II 078B	U		7	6	No	YSC	No Information		
Available	Reader Creek	II BE 010C 06 01	U	3.5		6	No	BKT	Competition		
	Reader Creek	II BJ 010A 01 01	U			6	No		No Information		
Available	Rock L. Middle WR-16	II 219B	U		7.3	6	No	BKT	Competition		
	Sears Creek	II BQ	U	1.0		6	No		No Information		
Available	She Canyon Creek	II BB 060A 01	U	12.3		6	No		No Information		
Available	Skull Creek	II CF	U			6	No		No Information		
Available	South Fk. Canyon	II BE 060G 04 01	U			6	No		No Information		
Available	Sweetwater Creek	II BD 010B 01	U			6	No		No Information		
Available	Swift Creek	II BE 020B 02	U			6	No		No Information		
Available	Tamarack L. GR-2	II 685	U		79.1	6	No	BKT	Competition		
	Timothy L., Center X-20	II 242	U		10	6	No	BKT	Competition		
	Tollivers Cyn. Creek	II BR	U			6	No		No Information		
State	Tungsten L. X-107	II 247	U		13	6	No	YSC, BKT, GRLY	Competition		
	Twin L. X-49	II 248	U		14	6	No	YSC	Competition		
<b>UT</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>NE</b>											
		Twooose L. X-36	II 251	U		21.9	6	No	YSC, BKT	Competition	
		Vat Creek	II BE 150F 01	U			6	No		No Information	

Available	Weyman Creek	II CH 050A	U		6	No		No Information	
Available	Whiterocks R., E. Fk.	II BE 010C 05 01	U		6	No		No Information	
Available	Whiterocks R., W. Fk.	II BE 010C 03 01	U		6	No		No Information	
Available	Wigwam L. WR-54	II 258A	U	13.5	1	No	YSC, BKT	Competition	
Available	Willow Cr., E. Fk.	II BB 060 01	U	16.4	6	No		No Information	
Available	Willow Cr., W. Fk.	II BB 050 01	U		6	No		No Information	
Available	X-105	II 284	U	8.1	6	No	NONE	No Information	
Available	X-22	II 262A	U	9	6	No	YSC, BKT	Competition	
	X-59	II 269	U	4.5	6	No	YSC	Competition	
	X-60	II 270	U	8	6	No	NONE	No Information	
Available	Y-20	II 284D	U	5	6	No	BKT, GRLY	Competition	
<b>UT NE/nr</b>									
Available	Beaver Cr, E. Fk.	II CJ 040C			4	6	No	No Information	
	Beaver Cr., M. Fk. 3	II CJ 040B 03 01		1.5	6	No	BKT	Competition	
Available	Beaver Cr., M. Fk. 5	II CJ 040B 05 01		1.1	4	No	NONE	No Information	
	Beaver Cr., M. Fk. 8	II CJ 040B 08 01		2.3	6	No	BKT	Competition	
	Beaver Cr., W. Fk. 4	II CJ 040A 04 01		0.8	6	No	BKT	Competition	
Available	Blacks Fk., L. E. Fk. 11	II CK 040K 11		1.4	6	No	NONE	No Information	
	Blanchard L. G-3	II 230A		31.3	6	No	YSC	Competition	
	Boxer L. GR-126	II 542		6	6	No	YSC	Competition	
	Burnt Fk. L. GR-127	II 547A		9.8	6	No	YSC	Competition	
	Castle Lake D-14	II 117A		1	6	No	YSC	Competition	
	China L. G-21	II 550		31.2	1	No	YSC, BKT, GRLY	Competition	
	Cliff L. G-5	II 553		33.1	6	No	YSC	Competition	
	Coffin L. GR-144	II 556		25.8	6	No	YSC	Competition	

		Ejod L. G-76	II 585			6.7	6	No	YSC	Competition	
Available		Fallon Creek	II CJ 045A		3.0		6	No		No Information	
		G-58	II 595JB			1.3	6	No	YSC	Competition	
		G-64	II 595MC			3.4	6	No	YSC	Competition	
		Gem L. Z-18	II 153			3.8	6	No	BKT	Competition	
<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>UT</b>	<b>NE/nr</b>										
		Hessie L. G-18	II 602				13.2	6	No	YSC	Competition Few Spawning Areas
		Kabell L. GR-140	II 620				14.7	6	No	YSC	Competition
		Marsell L. X-11	II 185				16.4	6	No	YSC	Competition
		Marsell L. Z-31	II 190				5.4	6	No	YSC	Competition
Available		Poison Creek	II CJ 045			5.0		6	No		No Information
		Red Castle L. G-15	II 666				168.2	6	No	YSC	Competition
		Red Castle, East G-17	II 666A				21.1	6	No	YSC	Competition
		Red Castle, Upper G-16	II 666C				25.6	6	No	YSC	Competition
		Round L. GR-131	II 670				24.3	6	No	YSC	Competition
		Sawmill L. G-6	II 674				7.2	6	No	YSC, BKT	Competition
		Shaler L. Z-34	II 226				13	6	No	YSC	Competition
		Shepard L. Z-9	II 230				14.2	6	No	BKT	Competition
		Smiths Fk. 10, E. Fk.	II CK 020A 10			2.3		6	No	BKT	Competition
		Smiths Fk. 15, E. Fk.	II CK 020A 15			2.6		6	No	BKT	Competition
		Smiths Fk. 16, E. Fk.	II CK 020A 16			2.3		6	No	BKT	Competition
		Smiths Fk. 17, E. Fk.	II CK 020A 17	U		6.2		6	No	BKT	Competition
		Smiths Fk. Pass L. G-14	II 679B				26.1	6	No	YSC	Competition
		Smiths Fk. Pass L. G-14	II 679B				26.1	6	No	YSC	Few Spawning Areas
Available		Snow L. GR-130	II 679C				9.4	6	No	NONE	No Information
		Trail Creek	II CK 050I			2.0		6	No	BKT	Competition
Available		Van Tassle Cr., L. Fk.	II CK 010A 02 01			1.2		6	No		No Information
		Whitehall L. GR-133	II 596GG				14.5	6	No	YSC, BKT	Competition

<b>UT SE</b>											
		Bear Canyon Creek	II AW 040 01		4.0		5	No	NONE		No Limitations Noted
		Buckskin Canyon Creek	II AW 030 01		3.0		5	No	NONE		No Limitations Noted
Available		Cottonwood Cr.	I BV 01-03				6	No	NONE		No Information
Available		Cottonwood Cr., North	Unassigned2				6	No	UNKNOWN		No Information
		Deep Creek (Section 2)	I BQ 050A 01A		3.1		6	No	NONE		No Limitations Noted
		Deep Creek (Section 3)	I BQ 050A 01		1.5		6	No	NONE		No Limitations Noted
Available		Deer Creek	II BQ 070BB01 02		0.8		1	No			No Information

<b>State</b>	<b>GMU</b>	<b>Water Name</b>	<b>Water Code</b>	<b>Purity</b>	<b>Adult Pop</b>	<b>Miles</b>	<b>Acres</b>	<b>Barrier</b>	<b>CRCT Stocked?</b>	<b>Other Salmonids</b>	<b>Habitat Limitations</b>
<b>UT</b>	<b>SE</b>										
		Duck Fork Creek	II AI 120J 02			0.5		1	No	YSC	No Limitations Noted
		Duck Fork Reservoir	II 447				42	1	No	YSC	No Limitations Noted
		Flat Canyon Creek (Sect. 1)	II AX			3.0		4	No	NONE	No Limitations Noted
		Flat Canyon Creek (Sect. 2)	II AX A			4.0		4	No	NONE	Low Stream Flow
		Gordon Cr., N. Fk.	II AK 100A			3.0		4	No	YSC	Poor Pools and Cover Steep Gradient
Available		Granite Creek	I BQ 010 01					6	No		No Information
Available		Grassy Trail Cr.,R. Fk.	II AK 020A 01			3.8		1	No	TGT	No Information
		Indian Creek	II AI 150E 02			9.8		6	No	BKT	Poor Pools and Cover Steep Gradient
Available		La Sal Cr. Ditch Main Div.	Unassigned3					6	No	NO INFO	No Information
		La Sal Creek (Section 1)	I BQ 070			1.5		6	No	NO INFO	Poor Pools and Cover Steep Gradient
		La Sal Creek (Section 2)	I BQ 070A	U		2.0		6	No	NO INFO	Steep Gradient
Available		Little Horse Creek	II AI 120I 01 01			1.2		5	No	NONE	No Information
Available		Mill Creek, N. Fk.	I BI 020 01			3.0		4	No	NONE	No Information
Available		Mud Water Cyn. Cr.	II AK 100B 03 01					6	No		No Information

Available	Nash Wash Creek	I BR 01-02		2.5	2	No	NONE	No Information
Available	Rock Creek	II AW 02		5.0	5	No	NONE	No Information
Available	Summerhouse Cyn. Cr. (01)	II AX 040A		1.7	6	No	NONE	No Information
Available	Summerhouse Cyn. Cr. (02)	II AX 040		4.5	6	No	NONE	No Information
Available	Tuerto Canyon Creek	Unassigned4			6	No	UNKNOWN	No Information
Available	Verdure Creek	I AI 180BH 01-02		5.0	6	No		No Information

**UT SO**

Available	Beaver Dam Res. NBS	I 793A		13.4	5	No	BKT	No Information
	Blind Lake NBS	I 794		52.3	5	No	SPLK, BKT	Competition
	Blue Lake NCL	I 297		1.6	5	No	BKT	Competition
	Bullberry Lake NBS	I 793		0.5	5	No	BKT	Competition
	Chuck Lake BT	I 301		5.1	5	No	BKT	Competition
	Crescent Lake BT	I 304		10.4	5	No	YSC	Competition
Available	Deer Creek Lake EBS	I 307		26	5	No	BKT, YSC	No Information
	Donkey Lake NBS	I 805		26	5	No	BKT	Competition

**State GMU Water Name Water Code Purity Adult Pop Miles Acres Barrier CRCT Stocked? Other Salmonids Habitat Limitations**

**UT SO**

	East Lake BT	I 312			6	5	No	BKT	Competition
	Farrals Pond TLM	I 500			0.3	5	No	BKT	Competition
	Fish Creek Res. NBS	I 807			25.6	1	No	BKT, SPLK	Competition
	Floating Island Lk. TLM	I 502			2.5	5	No	TGT, SPLK, RBT	Competition
	Forsyth Reservoir	I 503			158	1	No	TGT, SPLK	Competition
	Grass Lake EBS	I 320			11.5	5	No	BKT	Competition
	Green Lake EBS	I 321			3.7	5	No	BKT	Competition
	Halfmoon Lake BT	I 323			9	5	No	BKT	Competition
	Heart Lakes NBS	I 811			0.4	5	No	BKT	Competition

Honeymoon Lake NBS	I 812		1	5	No	BKT	Competition
Horseshoe Lake BT	I 325		16.1	5	No	BKT	Competition
Ledge Lake BT	I 327		2.5	5	No	BKT	Competition
Long Willow Bottoms NCL	I 328A		3.7	1	No	BKT	Competition
McGath Lake SBS	I 329A		47.4	5	No	BKT	Competition
Meeks Lake TLM	I 511		4	4	No	BKT, RBT	Competition
Morrells Pond TLM	I 513		4	4	No	BKT, RBT	Competition
Moseman Lake EBS	I 331A		3.7	5	No	YSC	Competition
North Creek Reservoir	I 333		30	5	No	YSC	Competition
Oak Creek Res. EBS	I 333A		37	5	No	BKT	Competition
Pine Creek (Section 1)	I AJ 130U	7.5		0	No	BKT	Competition
Pine Creek (Section 2)	I AJ 130UA	8.0		0	No	BKT	Competition
Pine Creek Res. NBS	I 821		3.3	1	No	BKT	Competition
Round Lake TLM	I 823A		3.5	4	No	BKT, RBT	Competition
Round Willow Bottom NCL	I 347		8.3	1	No	BKT, SPLK	Competition
Short Lake SBS	I 355A		1.7	4	No	BKT	Competition
Solitaire Lake NBS	I 825		4.7	5	No	BKT	Competition
Spectacle Reservoir BT	I 356		34	5	No	BKT	Competition
Stone Lake	I 523		6.6	5	No	BKT	Competition
Twitchell Creek	I AJ 160F 01	4.2		0	No	BKT	Competition