

OPEN-FILE REPORT 99-09

DIRECTORY OF COLORADO WATER QUALITY DATA

By

George R. Weber
Center for Community Development and Design,
University of Colorado at Colorado Springs

and

Matthew A. Sares
Colorado Geological Survey

DOI: <https://doi.org/10.58783/cgs.of9909.sggx3906>



Colorado Geological Survey
Department of Natural Resources
Denver, Colorado
1999

Table of Contents

ACKNOWLEDGEMENTS.....	IV
ABBREVIATIONS	V
INTRODUCTION.....	2
QUESTIONNAIRE RESPONSES	5
CONTACT INFORMATION ONLY.....	126
APPENDIX.....	146
QUESTIONNAIRE	147
INDEX.....	151

ACKNOWLEDGEMENTS

This project was completed through funds from severance taxes, which are derived from the production of oil, natural gas, coal, and minerals in the state of Colorado. The Colorado Department of Public Health and Environment (CDPHE), through its Groundwater Quality Action Team, contributed additional funding to make this directory possible.

The authors wish to thank the following individuals for their contributions to this directory:

Candace M. Thompson, of the Hazardous Materials and Waste Management Division, CDPHE, developed the database structure into which the data was entered.

Jonathan Zook of the Colorado Geological Survey (CGS) helped format the database report for final publication.

We gratefully acknowledge the direction and support of the following Water Quality Data Program Steering Group members: Dennis Anderson, Larry Cerrillo, John Hardaway, Jeannette Hillery, Holly Huyck, R.L. Jones, John Kaufman, and Jerry Raisch. Their time in volunteer service to CGS and the people of Colorado is greatly valued.

Abbreviations

#	number
BLM	U.S. Bureau of Land Management
BMP	Best Management Practice
BOR	U.S. Bureau of Reclamation
CCDD	Center for Community Development and Design
CDNR	Colorado Department of Natural Resources
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGS	Colorado Geological Survey
CMLRB	Colorado Mined Land Reclamation Board
CO or Colo.	Colorado
COGCC	Colorado Oil and Gas Conservation Commission
CSU	Colorado State University
CWA	Clean Water Act
DMG	Colorado Division of Minerals and Geology
DOW	Colorado Division of Wildlife
DRCOG	Denver Regional Council of Governments
EPA	U.S. Environmental Protection Agency
FS	U.S. Forest Service
FWS	U.S. Fish and Wildlife Service
GS	U.S. Geological Survey
HMWMD	Colorado Hazardous Materials and Waste Management Division
MWRD	Metropolitan Wastewater Reclamation District (Denver area)
NAWDEX	National Water Data Exchange
NEPA	National Environmental Policy Act
NFRWQPA	North Front Range Water Quality Planning Association
NPDES	National Pollution Discharge Elimination System
NPS	National Park Service
NRCS	U.S. Natural Resources Conservation Service
PCS	Permit Compliance System (of U.S. Environmental Protection Agency)
PPACOG	Pikes Peak Area Council of Governments
QA/QC	Quality Assurance/Quality Control
QUALDAT	Colorado Water Quality Control Division's ground water quality database
RCRA	Resource Conservation and Recovery Act
RCRA	Resource Conservation and Recovery Act
St.	street
STORET	U.S. Environmental Protection Agency's <u>S</u> torage and <u>R</u> etrieval Database
UGRWCD	Upper Gunnison River Water Conservation District
UMTRA	Uranium Mill Tailings Remediation Act
USDA	U.S. Department of Agriculture
USDOD	U.S. Department of Defense
USDOI	U.S. Department of the Interior
USFS	U.S. Forest Service
USGS	U.S. Geological Survey
WQCD	Colorado Water Quality Control Division

SECTION I

INTRODUCTION

INTRODUCTION

BACKGROUND

In early 1997 the Colorado Geological Survey (CGS) started the Water Quality Data Program. In March and April of 1997, a steering group was convened for the program. The steering group agreed that one of the primary needs in the state and, therefore, main goals of the program was to provide readily accessible water quality data and information resources for the public, institutions, and businesses of Colorado. The “Directory of Colorado Water Quality Data” is a key step in achieving this goal and is a valuable resource to all that are interested in water quality in Colorado.

Through requests for water quality data, CGS has seen the need to compile information on sources of water quality data in Colorado. Many different entities in Colorado collect water quality data for their own purposes. Much of the data are kept in databases maintained by the collecting organization and are not “housed” in a large centralized database. This directory seeks to ameliorate some of the difficulty in obtaining water quality data by providing a quick reference for locating the organizations that possess this type of information. The directory is essentially a compendium of organizations that collect water quality data in Colorado with basic information about the type of data and how to obtain it. CGS hopes this directory will aid the people of Colorado, government agencies, and industry to locate and share needed water quality data.

METHODS

A questionnaire was developed by CGS to collect information about organizations and their water quality databases. The Center for Community Development and Design (CCDD) at the University of Colorado at Colorado Springs administered the questionnaire, making contacts and collecting responses. Organizations provided the data on a voluntary basis through questionnaires or telephone interviews. A copy of the questionnaire is included in the appendix.

A plan was developed prioritizing potential contacts (from higher to lower importance):

- 1) Data Source – Primary data developers were given higher priority than secondary data developers. Primary data developers collect their own water samples. Secondary data developers maintain data obtained from other sources.
- 2) Database Size – Large databases incorporating smaller data sets had higher priority than the smaller data sets.
- 3) Geographic Coverage – Data sets covering large geographic areas had higher priority than those covering small areas.
- 4) Organization Size – Large organizations had higher priority than small organizations.

These priorities insured that organizations developing and maintaining the larger, more geographically widespread databases were contacted and their information included in the directory. Nevertheless, a significant effort was made to contact local entities throughout the state to include their work in the directory.

Directory of Colorado Water Quality Data, Colorado Geological Survey

Contact information was obtained from several sources:

- 1) Organizational contacts of CGS and CCDD.
- 2) U.S. Geological Survey's National Water Data Exchange (NAWDEX) Water Data Sources Directory.
- 3) Colorado Department of Public Health and Environment, Water Quality Control Division's list of watershed associations.
- 4) Colorado Department of Local Affairs, Division of Local Government's list of water conservancy districts.

SCOPE

The directory is *not* an exhaustive compilation of all entities that develop or maintain water quality data pertaining to Colorado. Many organizations potentially developing or maintaining data were not contacted due to time and funding constraints. In addition, not all the organizations contacted provided information. Our efforts did not emphasize contacting private-sector companies that maintain water quality databases. Appreciable data may be available from these sources that are not documented in this publication.

Most of the data in this directory were collected in 1998. Much of this information is time-sensitive and may become outdated.

ORGANIZATION OF THE DIRECTORY

Section II, "Questionnaire Responses," reports the data obtained from those answering the questionnaire. These reports contain

- organizational contact information,
- data set geographic coverage,
- activities supported by the data,
- media type (ground water and/or surface water),
- data source,
- data types,
- data storage format,
- sampling frequency, and
- availability of the data.

The questionnaire responses are in alphabetical order, primarily by organization name and secondarily by data set name.

Section III, "Contact Information Only," consists only of confirmed organization contact data. Responses to the questionnaire were not obtained. This information is arranged in alphabetical order, primarily by organization name and secondarily by data set name.

Directory of Colorado Water Quality Data, Colorado Geological Survey

FUTURE WORK

CGS intends to update this directory in the future. Publication of the “Directory of Colorado Water Quality Data” may prompt organizations not documented in this publication to submit information about their databases for future inclusion. A copy of the questionnaire, found in the appendix, can be completed and returned to:

Matthew A. Sares
Colorado Geological Survey
1313 Sherman Street
Denver, Colorado 80203
Phone: (303) 866-2611
Fax: (303) 866-2461

SECTION II

QUESTIONNAIRE RESPONSES

Boulder County Health Department

CONTACT INFORMATION

DATA SET: North Broadway Ground Water Plume

CONTACT: Ann Weise

TITLE: Acting Water Quality Coordinator

ORGANIZATION: Boulder County Health Department/Environmental Health Division

PROGRAM: Water Quality Program

PHYSICAL ADDRESS: 3450 Broadway,
Boulder, CO 80304

MAILING ADDRESS
(if different):

PHONE: (303) 221-1190 **EXT:** **FAX:** (303) 441-1468

EMAIL: axlhe@co.boulder.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

North Boulder

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Water contamination from industrial septic system user. Likely ties back to RCRA due to EPA enforcement action.

MEDIA TYPES: ***SURFACE WATER:*** No ***GROUND WATER:*** Yes

DATA SOURCE: ***SAMPLING:*** No ***SECONDARY SOURCE:*** Yes

SECONDARY SOURCE(S): Several private consultants for various stakeholders.

SAMPLING EVENTS:

COMMENT: Unknown.

NUMBER OF SAMPLING SITES:

COMMENT: Unknown, but geographic extent of plume is within 1/2 mile radius.

NUMBER OF PARAMETERS:

COMMENT: Unknown. Several parameters developed in initial ground water characterization. Limited number now.

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: No

Beginning date not known.

COMMENT:

COMMENT ON DIGITAL:

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

WORLD WIDE WEB METADATA ADDRESS:

ADDITIONAL NOTES:

Breckenridge Sanitation District

CONTACT INFORMATION

DATA SET: Airpost Sludge Application Program: Blue River

CONTACT: Greg Brown

TITLE: Plant Manager

ORGANIZATION: Breckenridge Sanitation District/Wastewater Treatment Plant

PROGRAM:

PHYSICAL ADDRESS: 59 Swan Mountain Road,
Breckenridge, CO 80424

MAILING ADDRESS (if different): PO Box 1216,
Breckenridge, CO 80424

PHONE: (970) 453-6442 **EXT:** **FAX:** (970) 453-1179

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Blue River at Cemetery Road and Highway 9, County Road 3 and Highway 9, Swan Mountain Road and Highway 9.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Monitor potential water quality impacts from sludge application. Point at Swan Mountain Road monitored to comply with waste water discharge permit (NPDES).

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 240

COMMENT:

NUMBER OF SAMPLING SITES: 3

COMMENT:

NUMBER OF PARAMETERS: 12

COMMENT:

Breckenridge Sanitation District (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: Yes ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

Tests are contracted to private laboratory who does QA/QC work.

DATA SET BEGIN: 1987

DATA SET END: 1996

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Software: Lotus 1-2-3 Hardware: IBM compatible PC.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: Yes

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

2-3 weeks.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Make request for data. No cost.
CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/16/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

City of Arvada, Colorado

CONTACT INFORMATION

DATA SET: Arvada Reservoir and feeder canals

CONTACT: James McCarthy

TITLE: Manager Water Quality and Environmental Services

ORGANIZATION: City of Arvada/Public Works Department/Utilities Division/Water Quality and Environmental Services Section

PROGRAM:

PHYSICAL ADDRESS: 8101 Ralston Road,
Arvada, CO 80001

MAILING ADDRESS (if different): PO Box 8101,
Arvada, CO 80001-8101

PHONE: (303) 431-3042 **EXT:** 3250 **FAX:** (303) 431-3969

EMAIL: jim-m@city.ci.arvada.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Arvada reservoir and feeder canals.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Colorado state surface water standards. Complying with upcoming Enhanced Surface Water Treatment Rule.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT: Historically three sites were sampled in Arvada Reservoir, until one selected. Periodic short term sampling conducted at other sites.

NUMBER OF PARAMETERS:

COMMENT:

City of Arvada, Colorado (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: Yes

COMMENT ON DATA TYPES:

1984 and 85 Secchi depth only. Beginning 1986 sampled for nutrients and metals and began adding additional elements over time.

DATA SET BEGIN: 1984

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Quattro Pro 1984-96. Access and Quattro Pro for 1997 and 1998 -- phyto and zooplankton in Quattro Pro, balance in Access. Hardware is desktop computer.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: Yes

CONTINUOUS: No

VARIABLE: Yes

1TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

2 weeks to 3 months.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact Jim McCarthy. Cost depends on purpose, size, and media.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF

SURVEYED BY: George Weber

ADDITIONAL NOTES:

City of Longmont, Colorado

CONTACT INFORMATION

DATA SET: City of Longmont St. Vrain River Study Data

CONTACT: Robert Luna

TITLE: Water Quality Laboratory Supervisor

ORGANIZATION: City of Longmont/Wastewater Treatment Plant/Water Quality

PROGRAM:

PHYSICAL ADDRESS: 501 East 1st Avenue,
Longmont, CO 80501

MAILING ADDRESS
(if different):

PHONE: (303) 651-8666 **EXT:** **FAX:** 303 6829543

EMAIL: Colwwtp@lanminds.net

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

North 7 South St. Vrain, CBT

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDIATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Planning: to insure capacity to adequately treat source water to meet regulatory standards.
Monitoring: to maintain database of quality of source water. Regulation: to document adherence to regulatory standards. Public information: information released as requested.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 50

COMMENT: 50 is an approximate estimate.

NUMBER OF SAMPLING SITES: 10

COMMENT: 6 sites associated with above and below wastewater treatment plant discharge. 4 sites associated with source water monitoring far upstream.

NUMBER OF PARAMETERS: 25

COMMENT: Number of parameters analyzed for upstream source water are less than those monitored downstream associated with waste water treatment plant discharge.

City of Longmont, Colorado (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

Metadata is not maintained now but is planned in the future.

DATA SET BEGIN: 1992

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

D Base IV.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: Yes

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 week.

AVAILABILITY OF DATA:

PUBLIC: No

NOT PUBLIC: No

CONDITIONAL: Yes

HOW TO GET DATA, CONDITIONS, COST: Request the information. Accessibility and cost a function of staff workload and size and difficulty of request. Cost may be incurred for copying or for diskettes.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/16/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Clear Creek Watershed Advisory Group

CONTACT INFORMATION

DATA SET: Clear Creek Watershed

CONTACT: R.L. Jones

TITLE: Consultant

ORGANIZATION: Clear Creek Watershed Advisory Group

PROGRAM:

PHYSICAL ADDRESS:

MAILING ADDRESS Box 847,
(if different): Idaho Springs, CO 80452

PHONE: (303) 674324 **EXT:** **FAX:** (970) 567-4337

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

All of the Clear Creek watershed, canals between Clear Creek and Standley Lake, plus Standley Lake

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:
Education

LEGAL BASIS: Watershed research and management- Superfund and Section 208 CWA

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): EPA, CDPHE, Colo. Fish and Wildlife, Standley Lake cities, Coors

SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS: 28

COMMENT: 24 Metals, 4 Nutrient

Clear Creek Watershed Advisory Group(continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: Yes NUTRIENTS: Yes
PHYSICAL: No BIOLOGICAL: Yes LOCATIONAL: No OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1994 DATA SET END: 1998 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Own program

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 Week

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

**HOW TO GET DATA,
CONDITIONS, COST:**

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 07/15/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET: Annual Hydrologic Assessment Reports

CONTACT: David Berry

TITLE: Senior Environmental Protection Specialist

ORGANIZATION: CDNR/DMG

PROGRAM: Coal Mine Permitting Program

PHYSICAL ADDRESS: 1313 Sherman, 215
Denver, CO 80203

MAILING ADDRESS
(if different):

PHONE: (303) 866-3567 **EXT:** **FAX:** (303) 832-8106

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Coal mining areas of the State

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Colorado Surface Coal Mining Reclamation Act and Regulations of the Colorado Mined Land Reclamation Board (CMLRB) for Coal Mining. Function enables CMLRB to determine if coal mine operators are providing required data and operating within specified standards.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Permitted mine operators

SAMPLING EVENTS:

COMMENT: Unknown. Each mine is unique and will have different location, frequency of sampling. Data developed throughout the life of all mines.

NUMBER OF SAMPLING SITES:

COMMENT: 100's of sampling sites total for approximately 35 mines. The number and location of sampling sites varies over time.

NUMBER OF PARAMETERS:

COMMENT: Varies per mine. Thirty or less.

Colorado Division of Minerals and Geology(continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

Some written documentation regarding how samples are taken. Metadata is rudimentary, and varies from mine to mine and permit to permit.

DATA SET BEGIN: 1980

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

1980 or beginning of mine operation to present.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: Yes

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: Yes **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Mine operators submit data annually

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Visit DMG. DMG charges only copying costs. Mine operators also required to maintain public viewing access near the mine site.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET: Hydrologic Data in Coal Mine permit Documents
CONTACT: David Berry
TITLE: Senior Environmental Protection Specialist
ORGANIZATION: CDNR/DMG
PROGRAM: Coal Program
PHYSICAL ADDRESS: 1313 Sherman, 215
Denver, CO 80203
MAILING ADDRESS
(if different):
PHONE: (303) 866-3567 **EXT:** **FAX:** (303) 832-8106
EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

State of Colorado

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDIAATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: For each activity: Colorado Surface Coal Mining Reclamation Act and Regulations of the Colorado Mined Land Reclamation Board for coal mining.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes
DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Coal Mine Operators.

SAMPLING EVENTS:

COMMENT: Hundreds

NUMBER OF SAMPLING SITES:

COMMENT: Hundreds

NUMBER OF PARAMETERS:

COMMENT: Hundreds

Colorado Division of Minerals and Geology (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

Very limited metadata is maintained.

DATA SET BEGIN: 1977

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: Yes MAPS: Yes MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Most data is historic and available immediately.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA,

Visit office to access data. Cost: copying.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 05/23/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET: Coal Mine Inspector Data

CONTACT: David Berry

TITLE: Senior Environmental Protection Specialist

ORGANIZATION: CDNR/DMG

PROGRAM: Coal Mine Permitting Program

PHYSICAL ADDRESS: 1313 Sherman Street, 215
Denver, CO 80203

MAILING ADDRESS
(if different):

PHONE: (303) 866-3567 **EXT:** **FAX:** (303) 866-8106

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Coal mining areas of the state.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Colorado Surface Coal Mining Reclamation Act and regulations of the Colorado Mined Land Reclamation Board (CMLRB) for Coal Mining. Function enables CMLRB to determine if coal mine operators are providing required data and operating within specified standards.

MEDIA TYPES: ***SURFACE WATER:*** Yes ***GROUND WATER:*** Yes

DATA SOURCE: ***SAMPLING:*** Yes ***SECONDARY SOURCE:*** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Unknown. Less than 300.

NUMBER OF SAMPLING SITES:

COMMENT: Estimates 30 - 40.

NUMBER OF PARAMETERS:

COMMENT: Less than 20.

Colorado Division of Minerals and Geology (continued)

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1981

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

When DMG conducts additional sampling, which is infrequent.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Contact David Berry or go to DMG. DMG charges for the cost of copying.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/11/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET: Abandoned Mine Lands
CONTACT: Jim Herron
TITLE: Environmental Protection Specialist
ORGANIZATION: CDNR/DMG
PROGRAM: Coal Mine Permitting Program
PHYSICAL ADDRESS: 1313 Sherman Street, 215
Denver, CO 80203
MAILING ADDRESS
(if different):
PHONE: (303) 866-3813 **EXT:** **FAX:** (303) 866-8106
EMAIL: james.herron@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

State mineral belt.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Clean Water Act, Section 319., Non-point Source Program. The Abandoned Mine Land Program does investigatory work to determine if there are potential contamination problems arising from abandoned mines, and then, proposes and develops appropriate remediation projects.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1000

COMMENT: Number of sampling events is estimated.

NUMBER OF SAMPLING SITES:

COMMENT: Estimates approximately 500 sites.

NUMBER OF PARAMETERS:

COMMENT: 10 - 30.

Colorado Division of Minerals and Geology (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1986 **DATA SET END:** **TO PRESENT:** Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT: Hardcopy sheets with notations by county.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL: Data in digital spreadsheet format sent to Water Quality Control Division,
Colorado Department of Public Health and Environment.

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** Yes

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Not applicable

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Jim Herron. Data is available free of charge except for reproduction at \$0.25 per page.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/03/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET: Minerals Program permit files.

CONTACT: Bruce Humphries

TITLE: Minerals Program Supervisor

ORGANIZATION: CDNR/DMG

PROGRAM: Minerals Program

PHYSICAL ADDRESS: 1313 Sherman, Room 215
Denver, CO 80203

MAILING ADDRESS
(if different):

PHONE: (303) 866-3567 **EXT:** **FAX:** (303) 866-8106

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Specific mining operations in Colorado.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: The Colorado Mined Land Reclamation Act for the extraction of construction materials. Senate Bill 89-181 concerning regulatory authority over water quality control.

MEDIA TYPES: ***SURFACE WATER:*** Yes ***GROUND WATER:*** Yes

DATA SOURCE: ***SAMPLING:*** Yes ***SECONDARY SOURCE:*** Yes

SECONDARY SOURCE(S): Mine operators, citizens, agencies.

SAMPLING EVENTS:

COMMENT: Not available

NUMBER OF SAMPLING SITES:

COMMENT: Not available

NUMBER OF PARAMETERS:

COMMENT: Not available

Colorado Division of Minerals and Geology (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Other data elements comment: Not available

DATA SET BEGIN: 1977

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** Yes **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: Yes

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: Yes

>1X/MONTHLY: Yes

CONTINUOUS: Yes

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Available to public on receipt.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Request a specific file. Costs: copying. Conditions may be imposed on public access to data that are part of a confidential file.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 05/15/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Division of Wildlife

CONTACT INFORMATION

DATA SET: River Watch
CONTACT: Barb Horn
TITLE: Project Manager
ORGANIZATION: CDNR/DOW
PROGRAM: River Watch
PHYSICAL ADDRESS: 6060 Broadway,
Denver, CO 80126
MAILING ADDRESS
(if different):
PHONE: (303) 291-7388 **EXT:** **FAX:** (303) 291-7456
EMAIL: barb.horn@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: DOW use and making data accessible to other organizations to use it. Mission is to provide wildlife opportunities for people. Clean Water Act requirement to make waters fishable.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 16000

COMMENT: Number of sampling events increases each month. 16,000 as of 5/12/98. 260 schools in program to sample 2 stations 24 times per year. Beginning in 1990. In reality, approximately 240 schools are active, and some sampling opportunities are missed.

NUMBER OF SAMPLING SITES: 550

COMMENT: 550 sites have at least some data.

NUMBER OF PARAMETERS: 42

COMMENT: H20 file has 32 parameters. These are developed for every site. Nutrient file has 10 parameters. These are developed for approximately 30 schools and 1 site.

Colorado Division of Wildlife (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1989 DATA SET END: TO PRESENT: Yes
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT: Produce annual watershed reports.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

dBASE on IBM clones.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: Yes

MONTHLY: No >1X/MONTHLY: Yes CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Historically, up to 2 years. Now, between 2 - 6 months.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Call Barb Horn or access through STORET or Internet page

CONDITIONS, COST: (<http://elbert.state.co.us/riverwatch>). No cost at present unless hardcopy requested.

WORLD WIDE WEB MONITORING DATA ADDRESS: (<http://elbert.state.co.us/riverwatch>)

WORLD WIDE WEB METADATA ADDRESS: (<http://elbert.state.co.us/riverwatch>)

DATE OF SURVEY 05/12/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Geological Survey

CONTACT INFORMATION

DATA SET: Underground Storage Tank Water Quality Database

CONTACT: Ty Ortiz

TITLE: Geologist

ORGANIZATION: CDNR/Colorado Geological Survey

PROGRAM:

PHYSICAL ADDRESS: 1313 Sherman Street, 715
Denver, CO 80202

MAILING ADDRESS
(if different):

PHONE: (303) 866-2611 **EXT:** **FAX:** (303) 866-2461

EMAIL: ty.ortiz@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Underground Storage Tank Regulations, CFR 40-280. Supports compliance activities.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 3000

COMMENT:

NUMBER OF SAMPLING SITES: 160

COMMENT:

NUMBER OF PARAMETERS: 100

COMMENT: 5 domains, each comprised of 8 - 30 fields.

Colorado Geological Survey (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: Yes ORGANICS: Yes NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data elements are: test of characteristic leaching potential.

DATA SET BEGIN: 1989

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Hardware: desktop computer. Software: MicroSoft® Access.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Approximately 1 year.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Contact Ty Ortiz. CGS provides the data free of charge.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 05/29/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Geological Survey

CONTACT INFORMATION

DATA SET: US Forest Service Abandoned Mine Land Inventory

CONTACT: Matt Sares

TITLE: Program Geologist

ORGANIZATION: CDNR/Colorado Geological Survey

PROGRAM: Water Quality Data Program

PHYSICAL ADDRESS: 1313 Sherman Street, 715
Denver, CO 80203

MAILING ADDRESS
(if different):

PHONE: (303) 894-2170 **EXT:** **FAX:** (303) 894-2174

EMAIL: matt.sares@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

U.S. Forest Service lands in Colorado.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: Yes **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: The US Forest Service uses this data under authority of the Federal Facilities Compliance Program to bring federal facilities and lands into compliance with existing environmental laws. The CGS is an information gathering agency.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): USGS, WRD, Paul von Guerard (970/245-5257) and USGS, Geologic Division, Geoff Plumlee, (303/236-9224). 95% of data is from primary sampling, 5% from secondary sources.

SAMPLING EVENTS: 180

COMMENT: Approximately 180.

NUMBER OF SAMPLING SITES: 170

COMMENT: Approximately 170.

NUMBER OF PARAMETERS: 214

COMMENT: 214 fields in data base, 120 parameters

Colorado Geological Survey (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Other data elements include: Site name, site code, basin, date/time sampled, date lab received, lab name, sampling agency, ranger district, latitude, longitude, sample type. metadata maintained, but not digitally yet. metadata includes sampling protocols. Since 1995 equipment/trip blanks, replicate samples (10-20%), laboratory QA/QC (duplicates, spikes, instrument check standards, reference % recovery).

DATA SET BEGIN: 1991 **DATA SET END:** **TO PRESENT:** Yes
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Microsoft Access 97 database, on desktop personal computer.

COMMENT ON DIGITAL: Data for entirety of USFS Abandoned Mine Land Inventory is currently being entered into the database. It will be available in July 1999 in digital form.

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Samples are generally one-time events at abandoned mines and potentially affected streams. Data for the USFS Abandoned Mine Land Inventory is currently being entered into the database. Thereafter, data entry time lag should be 6 months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Matt Sares of the Colorado Geological Survey. Currently, data is available at no cost.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/02/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES: Most of the data monitors point sources from abandoned mines, but there are some instream data also.

Colorado Oil and Gas Control Commission

CONTACT INFORMATION

DATA SET: Colorado Oil and Gas Conservation Commission Water Quality Data

CONTACT: Debbie Baldwin

TITLE: Environmental Protection Specialist

ORGANIZATION: CDNR/Oil and Gas Conservation Commission

PROGRAM:

PHYSICAL ADDRESS: 1120 Lincoln Street, 801
Denver, CO 80202

MAILING ADDRESS
(if different):

PHONE: (303) 894-2100 **EXT:** 111 **FAX:** (303) 894-2109

EMAIL: debbie.baldwin@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

LaPlata County is digitized. spotty coverage for water wells of several areas in Weld County, Washington County, Cheyenne County, Baca County, Kiowa County. Produced water data for entire state.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

Other activity: Enforcement

LEGAL BASIS: COGCC is the implementing agency for Water Quality Control Division, Colorado Department of Public Health and Environment ground water standards and classification for oil and gas activities.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Miscellaneous analysis submitted by oil and gas operators produced water data and ground water remediation data. Bill Crick, Water Quality Control Division, Colorado Department of Public Health and Environment. Various County health departments.

SAMPLING EVENTS: 3000

COMMENT: Approximate. Only one sample is taken generally from each site.

NUMBER OF SAMPLING SITES: 2000

COMMENT: Approximate

NUMBER OF PARAMETERS:

COMMENT: Variable, sample specific.

Colorado Oil and Gas Control Commission (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: Yes NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1971 DATA SET END: 1996 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Access and dBase.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: COGCC does not have a system in place enabling public access to the data other than looking at the hardcopy files. The purchase of a new computer system within the next 2 years should improve access to digital as well as hard copy data.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/05/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES: For produced water -- information about method and point of collection is not available. In some cases, identity of wells from which sample was collected is uncertain, therefore reliability of much of data is suspect -- hence would be relevant to make it easily available. LaPlata County water well data is the most complete and could be made available digitally.

Colorado Soil Conservation Board

CONTACT INFORMATION

DATA SET: Southwest Colorado Clean Water Act, Section 208
Data, 1979 - 80

CONTACT: Bob Zebroski

TITLE: Administrator

ORGANIZATION: CDNR/Soil Conservation Board

PROGRAM: Southwest Colorado CWA Sec. 208, 1979 - 80

PHYSICAL ADDRESS: 1313 Sherman Street, 219
Denver, CO 80203

MAILING ADDRESS
(if different):

PHONE: (303) 866-3351 **EXT:** 2100 **FAX:** (303) 832-8106

EMAIL: zebroski@soil@dnrsoil

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Arkansas River, Cherry Creek, Fountain Creek, Grandview, Mancos Valley, Tougue Creek

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data was gathered as part of the Section 208 Clean Water Act Water Quality Program conducted by the Soil Conservation Board (SCB). The SCB had contracts with various municipalities and councils of governments.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Note to see attachment to completed survey. This does not specify number of events.

NUMBER OF SAMPLING SITES:

COMMENT: Note to see attachment to completed survey. This does not specify number of sites, but identifies streams or general locations (i.e., Mancos Valley, Grandview).

NUMBER OF PARAMETERS:

COMMENT: Note to see attachment to completed survey. This does not specify number of parameters, but identifies tests performed.

Colorado Soil Conservation Board (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

Note to see attachment to completed survey. Tests conducted varies for each location.

DATA SET BEGIN: 1980

DATA SET END: 1998

TO PRESENT: No

TIME COVERAGE COMMENT:

Varies for each location.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

All data for previous years. Time period of sampling given, but no indication of frequency.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact Soil Conservation Board.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/16/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado State University

CONTACT INFORMATION

DATA SET: Upper Arkansas River Water Quality

CONTACT: John Stednick

TITLE: Professor

ORGANIZATION: Colorado State University/Department of Earth Resources/Environmental Health GIS Laboratory

PROGRAM:

PHYSICAL ADDRESS: Colorado State University
Fort Collins, CO 80523

MAILING ADDRESS
(if different):

PHONE: (970) 491-7248 **EXT:** **FAX:** (970) 491-6307

EMAIL: jds@cnr.colostate.edu

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Lake County, Upper Arkansas

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Monitoring to identify system water quality, effectiveness of remediation, support for ecotoxicology research.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: 1-50 at each site.

NUMBER OF SAMPLING SITES: 250

COMMENT: Approximate

NUMBER OF PARAMETERS:

COMMENT: 15-25

Colorado State University (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1992 DATA SET END: 1996 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

ArcView/GIS

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: Yes

MONTHLY: No >1X/MONTHLY: Yes CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Generally one year.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Visit website. No charge except for internet provider.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS: <http://palau.cvmb.colostate.edu/arkansas/datachar.htm>

WORLD WIDE WEB METADATA ADDRESS: <http://palau.cvmb.colostate.edu/arkansas/datachar.htm>

DATE OF SURVEY 05/08/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Water Quality Control Division

CONTACT INFORMATION

DATA SET: QUALDAT
CONTACT: Bill Crick
TITLE: QUALDAT Manager
ORGANIZATION: CDPHE/WQCD/Watershed Section/Assessment Unit
PROGRAM: QUALDAT Program
PHYSICAL ADDRESS: 4300 Cherry Creek Drive South,
Denver, CO 80222-1530
MAILING ADDRESS
(if different):
PHONE: (303) 692-3577 **EXT:** **FAX:** (303) 782-0390
EMAIL: william.crick@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide. All aquifers located within state.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Authorized by Colorado Water Quality Control Act. Supports basic standard setting for ground water, site specific water quality classifications and standards for ground water.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Mechanism is in effect to ensure that other units within CDPHE/WQCD provide water quality data they develop. May contain data provided by other federal, state, and local agencies collecting ground water quality data. No mechanism is in effect to ensure that other agencies (including within CDPHE) to provide ground water quality data for input to QUALDAT.

SAMPLING EVENTS: 18,500

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT: Unknown.

NUMBER OF PARAMETERS: 391

COMMENT: 305 analytic parameters and 86 fields to describe well or sampling event

Colorado Water Quality Control Division (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

'Other data elements' include for example well construction, depth, screen, sample date and time, agency collecting, agency reporting, laboratory information, quality assurance rating.

DATA SET BEGIN: 1950

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

Most data is early 1970's to present. Some data is 1950's to present.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

DBF Xbase format on Compaq Pentium 166. DBF Xbase can be accessed with many off the shelf database management software.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: Yes

>1X/MONTHLY: Yes

CONTINUOUS: Yes

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Varies. Most approximately within 1 month of receipt. Maximum delay is 3 months.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Contact QUALDAT manager Bill Crick, George Morevec, or other WQCD staff. WQCD does not charge to provide data.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/24/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Water Quality Control Division

CONTACT INFORMATION

DATA SET: STORET

CONTACT: John Farrow

TITLE: Professional Engineer

ORGANIZATION: CDPHE/WQCD/Watershed Section/Assessment Unit

PROGRAM:

PHYSICAL ADDRESS: 4300 Cherry Creek Drive South,
Denver, CO 802461530

MAILING ADDRESS (if different): 4300 Cherry Creek Drive South, WQCD - B2 - Assessment Unit
Denver, CO 80246-1530

PHONE: (303) 692-3575 **EXT:** **FAX:** (303) 782-0390

EMAIL: john.farrow@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data documents and enables staff to assess water quality in various locations. Water Quality Control Division uses the data set to support development of classifications, standards, and control regulations for surface water for adoption by the Water Quality Control Commission as required by the Colorado Water Quality Control Act. STORET is a national database maintained by EPA for the storage and retrieval of parametric data pertaining to the quality of the waterways within and contiguous to the United States. The CDPHE is required to enter water quality data generated under EPA grants into STORET as a condition of receiving funding.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies by year.

NUMBER OF SAMPLING SITES:

COMMENT: Varies by year.

NUMBER OF PARAMETERS: 2000

COMMENT: The number depends on a variety of factors including the sampling method used and codes people request.

Colorado Water Quality Control Division (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1972 **DATA SET END:** **TO PRESENT:** Yes
TIME COVERAGE COMMENT:
Some data is older.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT: Hardcopy retrieval available on request from WQCD/CDPHE or EPA.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

STORET software on a 390 mainframe.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** Yes

MONTHLY: Yes **>1X/MONTHLY:** Yes **CONTINUOUS:** Yes **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Most, approximately within 1 month of receipt of data.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact John Farrow, CDPHE STORET Manager. WQCD does not charge to provide data. STORET data is accessible from EPA. Telephone Louis Hoelman at 1-800/424-9067. EPA can place specific data retrievals on an FTP site.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES: STORET will be replaced by STORET-X in the year 2000. STORET data will be archived.

Colorado Water Quality Control Division

CONTACT INFORMATION

DATA SET: SDMS (Scientific Data Management System)

CONTACT: Sandy Marek

TITLE: Environmental Protection Specialist

ORGANIZATION: CDPHE/Hazardous Materials and Waste Management Division

PROGRAM: Federal Facilities Program/Rocky Flats Unit

PHYSICAL ADDRESS: 4300 Cherry Creek Drive South,
Denver, CO 802221530

MAILING ADDRESS (if different): 4300 Cherry Creek Drive South, HMWMD-B2
Denver, CO 80222-1530

PHONE: (303) 692-3617 **EXT:** **FAX:** (303) 782-4969

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

U.S. DOE Rocky Flats Environmental Technology Center and some areas immediately downstream of site.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Supports oversight of Rocky Flats clean-up by U.S. DOE under the Agreement In Principle (AIP) between the State of Colorado and U.S. DOE, within the framework of the Rocky Flats Clean-up Agreement among the State of Colorado, U.S. EPA, and U.S. DOE.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): U.S. DOE and its consultants.

SAMPLING EVENTS:

COMMENT: 100,000s.

NUMBER OF SAMPLING SITES:

COMMENT: 35 to 40.

NUMBER OF PARAMETERS:

COMMENT: More than 300.

Colorado Water Quality Control Division (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

'Other elements' included are radiologic, flow, and well characteristics.

DATA SET BEGIN: 1979

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

1979 to present for surface water. 1989 to present for ground water data.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Unix Informix system.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

30 to 60 days.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

**HOW TO GET DATA,
CONDITIONS, COST:**

Contact Sandy Marek, Environmental Protection Specialist. Laboratory reports can be obtained at Rocky Flats Public Information Centers (call Kay Jurisek at 692-2037). In addition, CDPHE publishes the Environmental Surveillance Report on the U.S. Department of Energy Rocky Flats Environmental Technology Site quarterly and plans to make laboratory reports available on the Internet. CDPHE does not charge to provide hardcopy reports or to query the database.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Colorado Water Quality Control Division

CONTACT INFORMATION

DATA SET: SDMS (Scientific Data Management System)
upgrade

CONTACT: Candace Thompson

TITLE: GIS and Scientific Data Coordinator

ORGANIZATION: CDPHE/Hazardous Materials and Waste Management Division

PROGRAM: Administrative

PHYSICAL ADDRESS: 4300 Cherry Creek Drive South,
Denver, CO 802221530

MAILING ADDRESS
(if different):

PHONE: (303) 692-3399 **EXT:** **FAX:** (303) 759-5355

EMAIL: candy.thompson@state.co.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Determine the extent of contamination at sites, select effective remediation methods, and evaluate results to ensure the protection of the surrounding area's health and environment. Will provide electronic access to scientific environmental monitoring data from groundwater wells, surface water modeling, and statistical software. This project will be ongoing as data collection is a statutory mandate to support ethical decision making for the remediation, enforcement, and monitoring of both new and existing sites. Legal basis includes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); Resource Conservation and Recovery Act (RCRA) subtitles C and D; Voluntary Clean-up Program; Uranium Mill Tailings Remediation Act (UMTRA); Uranium Special Projects.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Numerous. Regulated facility manager, consultants, U.S. EPA, and laboratories.

SAMPLING EVENTS:

COMMENT: Unknown. Estimated size of future database is 6 gigabytes.

NUMBER OF SAMPLING SITES: 208

COMMENT: Eventually estimated to be greater than 1,000.

NUMBER OF PARAMETERS:

COMMENT: Estimated approximately 2,000.

Colorado Water Quality Control Division (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: No

COMMENT ON DATA TYPES:

Other elements included are radiologic, flow, and well characteristics.

DATA SET BEGIN: 1970

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

Response for 'data set begin' was 1970s.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** Yes **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Software: client/server Informix. Hardware: Data General Unix platform.

COMMENT ON DIGITAL: Communication with the Unix is over the existing LAN infrastructure. ArcView and Arc INFO are linked currently to the database. A future scientific application that will be linked to the system includes Groundwater Modeling System (GMS) a graphical groundwater package that will model the movement and degradation of contaminants over time.

SAMPLING FREQUENCY:

ANNUAL: Yes

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: Yes **>1X/MONTHLY:** Yes **CONTINUOUS:** Yes **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

New data is 2 weeks or less. Existing data that is requested, within 3-5 years. When HMWMD finalizes database structure, it will develop and provide the capability to laboratories to enter analytical results automatically and electronically.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Contact Candace Thompson. HMWMD will charge \$70/hour for query and retrieval time plus media costs. HMWMD will provide data only in the format maintained.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Custer County, Colorado

CONTACT INFORMATION

DATA SET: Custer County Landfill Monitoring Data

CONTACT: Rick Ferron

TITLE: County Administrator

ORGANIZATION: Custer County/Administrator's Office

PROGRAM:

PHYSICAL ADDRESS: 205 South 6th Street,
Westcliffe, CO 81252

MAILING ADDRESS (if different): PO Box 150,
Westcliffe, CO 81252

PHONE: (719) 783-9067 **EXT:** **FAX:** (719) 783-2885

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Former Westcliffe Landfill, north of town. Closure plan called for 3 monitoring wells, only one 60 feet deep in bottom of gully has water.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

Regulatory compliance.

LEGAL BASIS: CDPHE regulations for landfill closure under RCRA, Subtitle D.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 12

COMMENT: Quarterly for 2 years then semi-annually.

NUMBER OF SAMPLING SITES: 1

COMMENT:

NUMBER OF PARAMETERS:

COMMENT:

Custer County, Colorado (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Other elements: VOCs

DATA SET BEGIN: 1994

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

Four samples per year required for 2 years, then 2 per year.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: Yes

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact County Administrator. Cost for reproduction of files is \$0.50/page.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/25/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Denver Regional Council of Governments

CONTACT INFORMATION

DATA SET: DRCOG Water Quality Data

CONTACT: Russ Clayshulte

TITLE: Principal Water Resources Planner

ORGANIZATION: Denver Regional Council of Governments

PROGRAM:

PHYSICAL ADDRESS: 2480 West 26th Avenue, Suite 200B
Denver, CO 80211

MAILING ADDRESS
(if different):

PHONE: (303) 480-6766 **EXT:** **FAX:** (303) 487-6790

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

DRCOG six counties, i.e., Denver, Boulder, Adams, Arapahoe, Jefferson, and Gilpin.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Section 208, Clean Water Act

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): DRCOG obtains data from many sources including member local government agencies, USGS, USEPA, CDPHE, CDNR/DOW, Colorado Nonpoint Source Task Force, U.S. Army Corps of Engineers, USDA/NRCS, BLM, Big Dry Creek and Tri Creek groups, and National Urban Runoff Program.

SAMPLING EVENTS:

COMMENT: Tens of thousands. DRCOG has 30,000 megabytes of digital data and a large amount of hardcopy data.

NUMBER OF SAMPLING SITES:

COMMENT: No DRCOG sampling sites. DRCOG is a repository for other Metro area primary data developers.

NUMBER OF PARAMETERS:

COMMENT: The same as contained in EPA's STORET system.

MAJOR IONS: Yes	INORGANICS: Yes	ORGANICS: Yes	NUTRIENTS: Yes
PHYSICAL: Yes	BIOLOGICAL: Yes	LOCATIONAL: Yes	OTHER DATA ELEMENT: No
METADATA: Yes			

Maintains metadata only for samples developed by permitted facilities, including approximately 115 domestic wastewater and 250 industrial facilities.

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** Yes

DIGITAL HARDWARE AND SOFTWARE USED:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:**No

Data is entered when it is obtained.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST:	Contact Russ Clayshulte, Principal Water Resources Planner. Cost varies. DRCOG attempts to serve requests of member governments at no charge. For others, a cost will be charged for large requests and will vary with its size.
---	--

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/11/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Denver Water

CONTACT INFORMATION

DATA SET: Denver Water Quality Data

CONTACT: Steve Lohman

TITLE: Manager

ORGANIZATION: Denver Water/Division of Operations and Maintenance/Water Quality Section

PROGRAM:

PHYSICAL ADDRESS: 6100 West Quincy Avenue, Water Quality Laboratory
Denver, CO 80235

MAILING ADDRESS (if different): 1600 12th Avenue,
Denver, CO 80254

PHONE: (303) 628-5994 **EXT:** **FAX:** (303) 795-2495

EMAIL: srl@water.denver.co.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Williams Fork, South Platte River, Blue River, Fraser River, South Boulder Creek, and Clear Creek basins. Limited data for areas outside the source area are contained in archives, e.g., Eagle River Basin.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES:

Other activity: process control.

LEGAL BASIS: Denver City Charter. Supports mission of ensuring that customers get the highest quality water for the cost. May study water to predict treatability, assess source water protection issues, determine how a specific reservoir is doing regarding existing and potential contamination.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Unknown. 100,000s.

NUMBER OF SAMPLING SITES:

COMMENT: Over 100.

NUMBER OF PARAMETERS:

COMMENT: 100s. Parameters vary depending on location.

Denver Water (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Other data elements: detection limits, reporting limits, quality control data. Extensive amount of quality control data. Limited amount of protocol, and other metadata.

DATA SET BEGIN: 1991 **DATA SET END:** **TO PRESENT:** Yes

TIME COVERAGE COMMENT:

Data from 1986 to 1991 is archived.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Hardware: IBM clone desktop file server. Software: Revelation.

COMMENT ON DIGITAL: Upgrading in 1998 to a commercially available Windows environment.

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Data is input daily. Lag depends on parameters, e.g., biological are updated daily, metals updated within 3-4 weeks.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Steve Lohman. Denver Water will provide for no or minimal cost. Cost may be charged for large jobs and media.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/18/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Evergreen Metropolitan District/Water Plant

CONTACT INFORMATION

DATA SET: Evergreen Metro Raw Water Data

CONTACT: Gary Jeffrey

TITLE: Water Plant Supervisor

ORGANIZATION: Evergreen Metropolitan District/Water Plant

PROGRAM:

PHYSICAL ADDRESS: 4671 Highway 73,
Evergreen, CO 80439

MAILING ADDRESS
(if different): PO Box 3819,
Evergreen, CO 80437-3819

PHONE: (303) 674-2121 **EXT:** **FAX:** (303) 674-7267

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Evergreen Lake

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Monitoring and operational control of chemicals for treatment of drinking water under the SDWA.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 12,045

COMMENT: Sample daily since construction of plant in 1965.

NUMBER OF SAMPLING SITES: 1

COMMENT:

NUMBER OF PARAMETERS: 14

COMMENT:

Evergreen Metropolitan District/Water Plant (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1965 DATA SET END: TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: Yes VARIABLE: No 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 to 5 minutes.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Call Gary Jeffrey, make request, and they will fax, mail, or set aside for pick-up. No costs.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/17/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

HRS Water Consultants

CONTACT INFORMATION

DATA SET: Various Clients

CONTACT: Bob Tafelski

TITLE: President

ORGANIZATION: HRS Water Consultants

PROGRAM:

PHYSICAL 200 Union Blvd, 200

ADDRESS: Lakewood, CO 80228

MAILING

ADDRESS

(if different):

PHONE: (303) 989-2837

EXT:

FAX: (303) 989-9425

EMAIL: HRSWater@AOL.com

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Denver Metro

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No

REMEDIAATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Water supply

MEDIA TYPES:

SURFACE WATER: No

GROUND WATER: Yes

DATA SOURCE:

SAMPLING: Yes

SECONDARY SOURCE: Yes

SECONDARY SOURCE(S): Same

SAMPLING EVENTS:

COMMENT: 1-15 yrs, depending upon client

NUMBER OF SAMPLING SITES:

COMMENT: 5-40 depending upon client

NUMBER OF PARAMETERS:

COMMENT: Varies

HRS Water Consultants (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

Some have all of the above, some have various combinations of the above.

DATA SET BEGIN: 1981

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

dBase, Quattro Pro spreadsheets, PCs

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 month

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: Yes

HOW TO GET DATA, Explain use to clients. Costs: minimal for copying, etc. Conditional data: May need to
CONDITIONS, COST: wait on some if in litigation or part of a purchase.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/30/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Lower South Platte Water Conservancy District

CONTACT INFORMATION

DATA SET: Irrigation Wells
CONTACT: Bob Schott
TITLE: Manager
ORGANIZATION: Lower South Platte Water Conservancy District
PROGRAM: Water Conservation
PHYSICAL ADDRESS: 100 Broadway Plaza, 12
Sterling, CO 80751
MAILING ADDRESS
(if different):
PHONE: (970) 522-1378 **EXT:** **FAX:** (970) 522-0848
EMAIL: h2odist@henge.com

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

South Platte Valley starting northwest of Fort Morgan and extending to the state line near Julesburg, CO.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

Farmer/land owner information

LEGAL BASIS:

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1,050

COMMENT: Approximate

NUMBER OF SAMPLING SITES: 91

COMMENT:

NUMBER OF PARAMETERS: 6

COMMENT:

Lower South Platte Water Conservancy District (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Electric conductivity, total dissolved solids, pH, and Nitrate-N

DATA SET BEGIN: 1991

DATA SET END: 1996

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

One week, then project was completed.

AVAILABILITY OF DATA:

PUBLIC: No

NOT PUBLIC: No

CONDITIONAL: Yes

HOW TO GET DATA, Authorization is required from the landowner and/or well owner to release data.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 05/11/1999

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Lower South Platte Water Conservancy District

CONTACT INFORMATION

DATA SET: Dedicated Monitoring Wells

CONTACT: Bob Schott

TITLE: Manager

ORGANIZATION: Lower South Platte Water Conservancy District

PROGRAM: Water Conservation

PHYSICAL ADDRESS: 100 Broadway Plaza, 12
Sterling, CO 80751

MAILING ADDRESS
(if different):

PHONE: (970) 522-1378 **EXT:** **FAX:** (970) 522-0848

EMAIL: h2odist@hengo.com

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

South Platte River Valley starting northwest of Fort Morgan and extending to the state line near Julesburg.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: To establish a credible baseline for nitrate-N and salinity for area sampling.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 525

COMMENT: 525 is approximate

NUMBER OF SAMPLING SITES: 15

COMMENT:

NUMBER OF PARAMETERS: 6

COMMENT:

Lower South Platte Water Conservancy District (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data element: electric conductivity, total dissolved solids, pH, and Nitrate-N.

DATA SET BEGIN: 1994

DATA SET END: 1996

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: Yes

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

It took approximately 1 week to complete the project.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact Lower South Platte Water Conservancy District. No cost for one copy.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 05/06/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Metropolitan Wastewater Reclamation District

CONTACT INFORMATION

DATA SET: Metro Wastewater Reclamation District

CONTACT: Joni R. Nuttle

TITLE: Water Quality Specialist

ORGANIZATION: Metropolitan Wastewater Reclamation District/Water Quality Division

PROGRAM: Laboratory Services

PHYSICAL ADDRESS: 6450 York Street,
Denver, CO 802297499

MAILING ADDRESS
(if different):

PHONE: (303) 286-3368 **EXT:** **FAX:** (303) 286-3029

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Metro Denver area. Counties: Denver, Arapahoe, Douglas, etc.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** No **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Compliance with NPDES.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 330,700

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS: 400

COMMENT: Not all analyses for each sample

Metropolitan Wastewater Reclamation District (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data elements are 'intermediate tests'.

DATA SET BEGIN: 1987

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

1/19/87 to present (on LIMS). Older data is hardcopy and archived.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** Yes

COMMENT: Reports filed with CDPHE and EPA.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Software: proprietary Perkin-Elmer LIMS 2000. Hardware: proprietary Concurrent Computer Corp.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: Yes

>1X/MONTHLY: Yes

CONTINUOUS: Yes

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Depends on date, samples, and analyses.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST:

Contact MWRD Laboratory Services. Cost is function of request and time to process.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/19/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

National Resource Conservation Service

CONTACT INFORMATION

DATA SET: Distribution of Nitrates in the Unconfined Aquifer of the San Luis Valley

CONTACT: Randal Ristau

TITLE: Water Quality/Agronomy Specialist

ORGANIZATION: USDA/NRCS&CSU CES

PROGRAM: San Luis Valley Water Quality Demonstration Program

PHYSICAL ADDRESS: 0881 N. Highway 295,
Monte Vista, CO 81144

MAILING ADDRESS (if different): PO Box 230,
Monte Vista, CO 81144

PHONE: (719) 852-0960 **EXT:** **FAX:** (719) 852-2990

EMAIL: slvwdp@coop.ext.colstate.edu

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

San Luis Valley of Colorado

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES:

Other activity: Impact of Best Management Practices (BMPs)

LEGAL BASIS: Monitoring: Monitor the concentration of nitrates in the unconfined aquifer of the San Luis Valley.
Public information: Let the public know what the concentrations of nitrates are and also if the problem is being helped by best management practices (BMPs). Impact of BMPs: Show if BMPs are having an effect on the nitrate levels in the aquifer.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: 1 for each site with a subset of 3.

NUMBER OF SAMPLING SITES: 120

COMMENT: 60 in year one. 120 in year two.

NUMBER OF PARAMETERS:

COMMENT: No response given.

MAJOR IONS: No **INORGANICS:** No **ORGANICS:** No **NUTRIENTS:** Yes
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** Yes
METADATA: No

Nitrates

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No

DIGITAL FORMAT:

MicroSoft® Excel and Arcview.

SAMPLING FREQUENCY: **ANNUAL:** Yes **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: Yes **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:**No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

3 months

AVAILABILITY OF DATA: PUBLIC: No NOT PUBLIC: No CONDITIONAL: Yes

HOW TO GET DATA, CONDITIONS, COST: Request a copy from project contact. Costs: none. Conditions: samples are analyzed by USGS and they have protocols to follow before the results can be released.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

North Front Range Water Quality Planning Association

CONTACT INFORMATION

DATA SET: Groundwater Quality: Larimer and Weld Counties
CONTACT: David DuBois
TITLE: Manager
ORGANIZATION: North Front Range Water Quality Planning Association
PROGRAM: CWA Sec. 208 Program
PHYSICAL ADDRESS: 545 N. Cleveland,
Loveland, CO 80537
MAILING ADDRESS (if different): 500 E. 3rd Street, NFRWQPA
Loveland, CO 80537
PHONE: (970) 962-2491 **EXT:** **FAX:** (970) 962-2913
EMAIL: nfrwqpa@frii.com

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Larimer and Weld Counties

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: To provide information to other agencies and individuals for water quality management activities under Section 208, Clean Water Act.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 2,450

COMMENT: Respondent answered 5 sampling events, and 490 sampling sites. Assumed 5 events per each of 490 sites for 2,450 total sampling events in data set.

NUMBER OF SAMPLING SITES: 490

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Varies.

***North Front Range Water Quality Planning Association
(continued)***

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1989 **DATA SET END:** 1993 **TO PRESENT:** No
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** No **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** Yes **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** Yes

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Not applicable as this is not an on-going program. Generally one time sampling except for seasonally in 1991.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact NFRWQPA. Data available for minimal cost.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/22/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Pikes Peak Area Council of Governments

CONTACT INFORMATION

DATA SET: PPACOG Water Quality Data

CONTACT: Ken Prather

TITLE: Environmental Coordinator (Vacant at time of interview)

ORGANIZATION: Pikes Peak Area Council of Governments

PROGRAM:

PHYSICAL ADDRESS: 15 South 7th Street,
Colorado Springs, CO 80905

MAILING ADDRESS
(if different):

PHONE: (719) 471-7080 **EXT:** **FAX:** (719) 471-1226

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Park, El Paso, and Teller Counties.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Developing a Section 208 Plan under the Clean Water Act.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): USGS, CDPHE/WQCD, EPA.

SAMPLING EVENTS:

COMMENT: Unknown, under development at time survey was developed.

NUMBER OF SAMPLING SITES:

COMMENT: Unknown, under development at time survey was developed.

NUMBER OF PARAMETERS:

COMMENT: Unknown, under development at time survey was developed.

Pikes Peak Area Council of Governments (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

Data under development at time survey was developed. Data types contained will be what is available from USGS, EPA, CDPHE sources.

DATA SET BEGIN: 1990

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

Data search limited to 1990 to present.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL: Software unknown at time survey developed. Hardware will be desktop.

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Contractor scheduled to deliver data 4/98. 208 plan required to be developed annually.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact Environmental Coordinator. Hardcopy costs \$0.50/page. Digital costs for time
CONDITIONS, COST: and materials to be determined.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/24/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Pine Brook Water District

CONTACT INFORMATION

DATA SET: Four Mile Creek Data

CONTACT: Bob Dehaas

TITLE: District Manager

ORGANIZATION: Pine Brook Water District

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different): 1903 Linden Drive,
Boulder, CO 80304-0426

PHONE: (303) 443-5394 **EXT:** **FAX:** (303) 415-0621

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Just below intersection of Poorman and Four Mile Road.. SE corner of Section 21, T1N, R71W.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No

REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Developed data to plan and assess effectiveness of proposed treatment under SDWA.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1

COMMENT:

NUMBER OF SAMPLING SITES: 3

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: 20 to 30

Pine Brook Water District (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1995 DATA SET END: 1995 TO PRESENT: Yes

TIME COVERAGE COMMENT:

Biological data is developed annually. Others 1995 only.

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: Yes BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Function of how backed up the laboratory is. Not more than 6 weeks.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Contact District. No policy for charging costs at this point in time.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/12/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Saint Charles Mesa Water District

CONTACT INFORMATION

DATA SET: St. Charles Mesa Water District

CONTACT: David K. Simpson

TITLE: Assistant Manager

ORGANIZATION: Saint Charles Mesa Water District Water Treatment/Laboratory

PROGRAM:

PHYSICAL ADDRESS: 1397 Aspen Road,
Pueblo, CO 81006

MAILING ADDRESS
(if different):

PHONE: (719) 542-4380 **EXT:** **FAX:** (719) 542-4862

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

At inlet to storage reservoir and at water treatment plant intake. Reservoir draws from Arkansas River downstream of Pueblo Reservoir.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Planning: Use the analysis to plan for any future change in treatment method. Regulation: To fulfill requirement of the Safe Drinking Water Act. Monitoring: To maintain a high quality water, and help for any possible problems in that goal. Public information: To give the public the information needed to keep them aware of the quality of water provided and to inform them of any possible problems.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): USGS, Pueblo District Office.

SAMPLING EVENTS: 9750

COMMENT: Number of sampling events is estimation calculated by assuming 5 sites sampled 2.5 times per week for 15 years. District may have additional data going back to 1996.

NUMBER OF SAMPLING SITES: 5

COMMENT:

NUMBER OF PARAMETERS: 5

COMMENT:

Saint Charles Mesa Water District (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

Water quality data varies over time period due to changes in Safe Drinking Water Act.

DATA SET BEGIN: 1966

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

Water quality data varies over time period due to changes in Safe Drinking Water Act.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

One month.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Request it. There has never been any cost. But in the event the request of an unusual nature that may have to be evaluated.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/27/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Upper Gunnison River Water Conservation District

CONTACT INFORMATION

DATA SET: Various data sets

CONTACT: Kathleen Klein

TITLE: Manager

ORGANIZATION: Upper Gunnison River Water Conservation District

PROGRAM: USGS Cooperative Program

PHYSICAL ADDRESS: 275 South Spruce Street,
Gunnison, CO 81230

MAILING ADDRESS
(if different):

PHONE: (970) 641-6065 **EXT:** **FAX:** (970) 641-6727

EMAIL: ugrwcd@rmi.net

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Gunnison River/East River

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Survey respondent was not employed by UGRWCD when the cooperative agreement was developed with USGS. She assumes the objective was to address existing and future water quality concerns and develop data to support policy decisions.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Contact USGS in Grand Junction to determine number of sampling events. (970/245-5257)

NUMBER OF SAMPLING SITES:

COMMENT: 16 to 18

NUMBER OF PARAMETERS:

COMMENT: Contact USGS in Grand Junction to determine number of parameters (970/245-5257).

***Upper Gunnison River Water Conservation District
(continued)***

DATA TYPES:

MAJOR IONS: No **INORGANICS:** No **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

Contact USGS in Grand Junction to determine data types (970/245-5257)

DATA SET BEGIN: 1995

DATA SET END: 1998

TO PRESENT: No

TIME COVERAGE COMMENT:

It is time to analyze the data in order to either modify the program, draw conclusions, or determine where water quality monitoring needs are.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT: Ask USGS in Grand Junction (970/245-5257)

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Ask USGS in Gunnison (970/245-5257).

AVAILABILITY OF DATA:

PUBLIC: No

NOT PUBLIC: No

CONDITIONAL: Yes

HOW TO GET DATA, Data has not been analyzed at this time. Contact UGRWCD or USGS in Grand Junction
CONDITIONS, COST: (970/245-5257). Potential costs for obtaining the data are unknown.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/01/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

URS Operating Services, Inc.

CONTACT INFORMATION

DATA SET: Sites and Watersheds throughout Colorado

CONTACT: Chuck Baker

TITLE: Deputy START Team Leader

ORGANIZATION: URS Operating Services, Inc.

PROGRAM: Superfund Technical Assessment and Response Team

PHYSICAL ADDRESS: 1099 18th Street, 710
Denver, CO 80202

MAILING ADDRESS
(if different):

PHONE: (303) 296-9700 **EXT:** **FAX:** (303) 291-8296

EMAIL: cbaler@ursgreomer/cp,

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Colorado (See attachment to paper survey)

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDiation: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

Site assessment work in Colorado supports the EPA Superfund Program. Data generated aids in NPL site listing, removal and clean-up planning, and brownfields redevelopment efforts.

LEGAL BASIS: Data collected by URS is for the EPA Superfund Program (Site Assessment), Emergency Response Branch, and prevention and Preparedness Team. All reports generated and data may be obtained through EPA Region VIII in Denver, Colorado. The work completed by URS is for the START contract for EPA Region VIII. URS is subsidiary of URS Greiner, created solely for the START contract. Please contact Chris Stotler, URS Greiner Program Manager for information.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Please refer to attached pages for a listing of the sites in Colorado URS works on for EPA Region VIII. If specific information is needed for a site, the site can be tracked by its unique TDD number provided.

SAMPLING EVENTS:

COMMENT: Depends on site.

NUMBER OF SAMPLING SITES:

COMMENT: Depends on site.

NUMBER OF PARAMETERS:

COMMENT: Various

US Bureau Of Land Management

CONTACT INFORMATION

DATA SET: Abandoned Mine Program Water Quality Data
CONTACT: William Carey
TITLE: State Hydrologist
ORGANIZATION: USDO/BLM/Colorado State Office
PROGRAM: Abandoned Mine Program
PHYSICAL ADDRESS: 2850 Youngfield Street,
Lakewood, CO 80215
MAILING ADDRESS
(if different):
PHONE: (303) 239-3722 **EXT:** **FAX:** (303) 239-3933
EMAIL: bcarey@co.blm.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Upper Animas River Basin above Silverton. Will expand in future, e.g., this year just south of Gunnison.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Clean Water Act, Federal Lands Policy and Management Act, CERCLA, RCRA

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies from one time to multiple times for different sites.

NUMBER OF SAMPLING SITES: 24

COMMENT:

NUMBER OF PARAMETERS: 77

COMMENT:

US Bureau Of Land Management (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data elements: Time, date, BLM identifier, and comment field. Metadata is available from Bill Carey.

DATA SET BEGIN: 1994 **DATA SET END:** **TO PRESENT:** Yes
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** Yes **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Software: dBase IV. Hardware: DOS based desktop.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** Yes **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** No
TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, Contact Bill Carey. No cost.
CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/17/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau Of Land Management

CONTACT INFORMATION

DATA SET: Water Quality Benchmark Inventory
CONTACT: Jim Scheidt
TITLE: Hydrologist
ORGANIZATION: USDOI/BLM/Resources
PROGRAM: Soil, Water, and Air
PHYSICAL ADDRESS: 2815 H. Road, CO-071
Grand Junction, CO 81506
MAILING ADDRESS
(if different):
PHONE: (970) 244-3076 **EXT:** **FAX:** (970) 244-3083
EMAIL: jscheidt@co.blm.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Grand Junction and Glenwood Springs Resource Areas

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Compliance with Clean Water Act, Colorado Basin Salinity Control Act, National Environmental Protection Act. Determine trends in water quality from land management actions.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 82

COMMENT: Grand Junction = 30+, Glenwood Springs = 2 some data, 50 for other data

NUMBER OF SAMPLING SITES: 151

COMMENT: Grand Junction = up to 46, Glenwood Springs = up to 105

NUMBER OF PARAMETERS:

COMMENT: Glenwood approximately 8, Grand Junction approximately 37

US Bureau Of Land Management (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1980 DATA SET END: 1995 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes REPORTS: Yes MAPS: Yes MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Much in dBase III+

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

3 months lag. Variable frequency: typically during a high and low flow period.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Contact Jim Scheidt. Costs for photocopying.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/21/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau Of Land Management

CONTACT INFORMATION

DATA SET: Surface Water Streams / Springs

CONTACT: Carol Hollowed

TITLE: Hydrologist

ORGANIZATION: USDOI/BLM/White River Resource Area/Renewable Resources

PROGRAM: Soil, Water, Air

PHYSICAL ADDRESS: 73544 Highway 64,
Meeker, CO 81691

MAILING ADDRESS
(if different):

PHONE: (970) 878-3601 **EXT:** 5536 **FAX:** (970) 878-5717

EMAIL: Chollowe@co.blm.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

White River Resource Area Public Land

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

Range, wildlife, riparian, oil and gas, mining

LEGAL BASIS: ?

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1800

COMMENT: Surface Water streams: 18 stations, roughly 300 samples. Springs: 839.

NUMBER OF SAMPLING SITES:

COMMENT: See comment regarding sampling events.

NUMBER OF PARAMETERS:

COMMENT: Surface Water Colorado streams: varies, some are more detailed. Springs: 3.

U.S. Bureau of Land Management (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

Data elements for Surface Water streams only.

DATA SET BEGIN: 1980

DATA SET END: 1986

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

No response.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Make request in person or by mail. Costs: research time, \$ 0.13/copy, and postage.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/22/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

U.S. Bureau of Land Management

CONTACT INFORMATION

DATA SET: Kremmling Resource Area

CONTACT: Paula Ledford

TITLE: Hydrologist

ORGANIZATION: USDO/BLM/Kremmling Resource Area

PROGRAM:

PHYSICAL ADDRESS: 1116 Park Avenue,
Kremmling, CO 80459

MAILING ADDRESS (if different): P.O. Box 68,
Kremmling, CO 80459

PHONE: (970) 724-3437 **EXT:** **FAX:** (970) 724-9590

EMAIL: pledford@co.blm.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Middle Park, North Park, selected public waters

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Generally monitoring has been done to provide baseline information on water quality and flows in the area. In 1980, a spring and fall sample was taken on most BLM managed springs, streams, and wells for major anions/cations. Monitoring is part of overall mandate of management of public lands and specific NEPA compliance to monitor land actions. Subsequent monitoring varies in frequency, constituents tested, and stream segments sampled.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Variable

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Variable

U.S. Bureau of Land Management (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Some data sets (subsets) have broad chemistry data. Most, however, are limited to a few specifics. One subset is a sediment study, for example. Regarding metadata, only one subset is complete.

DATA SET BEGIN: 1980

DATA SET END: 1997

TO PRESENT: No

TIME COVERAGE COMMENT:

Some stations only have 1 year of data. Others are for limited time periods.

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL: dBase IV initially used to enter some parameters. We are now purchasing and installing Access to be compatible with State Engineer's Office. We would enter data if a database was to be used by state for water quality.

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Approximately 1 month. Almost all of the sampling is between April and October. Some streams have periods of monthly sampling for limited years budgets, project dependent.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Call or write requesting the data. Costs: mailing, and \$ 0.15 copy . Charge will be

CONDITIONS, COST: made for staff time if the request is large. A requestor can visit on site and access the files.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/24/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

U.S. Bureau of Land Management

CONTACT INFORMATION

DATA SET: BLM Montrose District Water Quality Data

CONTACT: Dennis Murphy

TITLE: Hydrologist

ORGANIZATION: USDO/BLM/Montrose District Office/Gunnison Resource Area

PROGRAM: Soil, Water, Air Resource Program

PHYSICAL ADDRESS: 2465 S. Townsend Ave.,
Montrose, CO 81401

MAILING ADDRESS
(if different):

PHONE: (970) 240-5342 **EXT:** **FAX:** (970) 240-5368

EMAIL: d1murphy@co.blm.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Montrose District, Southwest Colorado

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** Yes
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Clean Water Act and BLM policy

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 400

COMMENT:

NUMBER OF SAMPLING SITES: 80

COMMENT:

NUMBER OF PARAMETERS: 31

COMMENT:

U.S. Bureau of Land Management (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

Very cursory metadata.

DATA SET BEGIN: 1976

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 month. Sampling is completed usually during snowmelt and again during base flow.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact BLM Montrose District. Costs charged for copying.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/22/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Fruit Grower's Reservoir

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOl/BOR/Western Colorado Area Office/Northern Division

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Fruitgrowers' Reservoir, Colorado

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Monitoring of reservoir water quality to check suitability for contact recreation. Data was used in making decision to close reservoir to contact recreation due to high coliform levels.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 11

COMMENT: Response unclear – could mean 11 events for each of 5 sites, making for 55 events (?).

NUMBER OF SAMPLING SITES: 5

COMMENT:

NUMBER OF PARAMETERS: 5

COMMENT:

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: No OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Other: fecal and total coliform.

DATA SET BEGIN: 1988

DATA SET END: 1988

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** Yes **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: Yes

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Sampling is complete: all results are in the report.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Call contact person. Cost: copying and postage.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/13/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Glenwood-Dotsero Springs

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDO/BOR/Western Colorado Area Office/Northern Division

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Glenwood Springs and Dotsero, Colorado.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data was collected as part of salinity control project planning studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies by spring.

NUMBER OF SAMPLING SITES: 20

COMMENT: 8 Dotsero Springs, 12 Glenwood Springs

NUMBER OF PARAMETERS: 10

COMMENT:

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1972 DATA SET END: 1980 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, search (varies by nature of the request).

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/28/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Grand Valley Surface Water

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOJ/BOR/Western Colorado Area Office

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Grand Valley Area (Palisade to Mack).

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Sampling done as part of salinity control project planning studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies from site to site.

NUMBER OF SAMPLING SITES: 139

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** No **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1973 **DATA SET END:** 1986 **TO PRESENT:** No

TIME COVERAGE COMMENT:

Historical sampling coverage varies by site; all sampling appears to be bounded approximately between 1973 to 1986; frequency of sampling varies within and between sites (monthly-quarterly).

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

dBase III, pc

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** Yes

MONTHLY: Yes **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Sampling program complete -- all results in file. Sampling frequency varies from site to site as well as within a site's sampling history.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, diskette, search (varies by nature of request).

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/13/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Grand Valley Wells

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOJ/BOR/Western Colorado Area Office/Northern Division

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@us.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Grand Valley (Palisade to Mack).

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Samples were collected as part of salinity control project planning studies.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies from well to well.

NUMBER OF SAMPLING SITES: 273

COMMENT:

NUMBER OF PARAMETERS: 15

COMMENT:

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** No **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: Yes **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1974 **DATA SET END:** 1986 **TO PRESENT:** No

TIME COVERAGE COMMENT:

Varies from well to well; maximum period coverage appears to run from 1974 to 1986.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Text file.

COMMENT ON DIGITAL: Must be read in specified format.

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** Yes

MONTHLY: Yes **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Sampling program has been completed -- all results have been entered. Sampling frequency varies from well to well as well as within the sampling history of a particular well.

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, diskette, search costs (varies by nature of request).

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/13/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Lower Gunnison Surface Water

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOl/BOR/Western Colorado Area Office/Northern Division

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Lower Gunnison River basin.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDIATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data was collected as part of salinity control project studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies from site to site.

NUMBER OF SAMPLING SITES: 103

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Lower Gunnison Wells

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOl/BOR/Upper Colorado Region/Western Colorado Area
Office/Northern Division/Water Resources Group

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60208,
Grand Junction, CO 81506-

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Lower Gunnison River basin.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data collected as part of salinity control project planning studies.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Varies by well.

NUMBER OF SAMPLING SITES: 70

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1978 DATA SET END: 1983 TO PRESENT: No

TIME COVERAGE COMMENT:

Coverage varies from well to well; maximum period appears to span July 78 to October 83.

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: No

HARDCOPY FORMAT:

FILES: No REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Text file.

COMMENT ON DIGITAL: Must be read in specified format.

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: Yes

MONTHLY: Yes >1X/MONTHLY: Yes CONTINUOUS: Yes VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Request from contact person. Costs: copying, diskette, search costs (varies by nature of
CONDITIONS, COST: request).

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/13/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET: Meeker Dome

CONTACT: John Ozga

TITLE: Hydraulic Engineer

ORGANIZATION: USDOI/BOR/Western Colorado Area Office/Northern Division

PROGRAM:

PHYSICAL ADDRESS: 2764 Compass Drive,
Grand Junction, CO 81506

MAILING ADDRESS (if different): P.O. Box 60340,
Grand Junction, CO 81506

PHONE: (970) 248-0640 **EXT:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Meeker Dome vicinity

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Planning studies for salinity control project. Water quality monitoring following implementation of salinity control work (well plugging).

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): USGS

SAMPLING EVENTS:

COMMENT: Varies by site.

NUMBER OF SAMPLING SITES: 29

COMMENT: 12 surface, 17 ground water

NUMBER OF PARAMETERS:

COMMENT: surface water 13, springs & seep: 12, observation wells: 12

US Bureau of Reclamation (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1964 DATA SET END: 1983 TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: Yes >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Sampling program is complete -- all results are available. Sampling frequency varies by sampling site.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, search costs (varies by nature of request).

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/28/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Department of Defense

CONTACT INFORMATION

DATA SET: Rocky Mountain Arsenal Environmental Database

CONTACT: Dan Barchers, Ph.D.

TITLE: Remediation Venture Office Information Systems Coordinator

ORGANIZATION: USDOD/Rocky Mountain Arsenal/Remediation Venture Office

PROGRAM:

PHYSICAL ADDRESS: 72nd and Quebec Street,
Commerce City, CO 80022

MAILING ADDRESS
(if different):

PHONE: (303) 853-3990 **EXT:** **FAX:** (303) 853-3946

EMAIL: dan_barchers@mk.com

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Rocky Mountain Arsenal and adjacent off-post areas in Adams County.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** Yes

COMMENT ON ACTIVITIES:

'Other activity': Not identified.

LEGAL BASIS: Remedial Investigation and Remediation of Superfund Site.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Tri-County Health Department is source. Dan Collins is the contact for this source at 288-6816.

SAMPLING EVENTS:

COMMENT: 10s of thousands.

NUMBER OF SAMPLING SITES:

COMMENT: Approximately 2,500.

NUMBER OF PARAMETERS: 45

COMMENT: 45 fields per record, one record per analyte.

US Department of Defense (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1984 DATA SET END: TO PRESENT: Yes
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: No

HARDCOPY FORMAT:

FILES: No REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Ingress, UDMS, DEC Alpha

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

90 days.

AVAILABILITY OF DATA: PUBLIC: No NOT PUBLIC: Yes CONDITIONAL: Yes

HOW TO GET DATA, Contact Remediation Venture Office, Public Affairs Office at Rocky Mountain Arsenal.

CONDITIONS, COST: You must identify the use and purpose of the data. Data is available at no cost.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/06/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES: Some sampling events are periodic, for example quarterly. Others are project specific, e.g., one time.

US Environmental Protection Agency

CONTACT INFORMATION

DATA SET: PCS (Permit Compliance System)

CONTACT: Brenda Cazier

TITLE: Acting PCS Database Coordinator

ORGANIZATION: USEPA Enforcement, Compliance, and Environmental Justice
Program/Planning and Targeting

PROGRAM:

PHYSICAL ADDRESS: 999 18th Street, Suite 500
Denver, CO 802022466

MAILING ADDRESS (if different): 999 18th Street, Suite 500, 8ENF-PT
Denver, CO 80202-2466

PHONE: (303) 312-6986 **EXT:** **FAX:** (303) 312-6826

EMAIL: cazier.brenda@epamail.epa.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Supports EPA and CDPHE in conducting National Pollutant Discharge Elimination System Program compliance and enforcement activities under the Clean Water Act.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Primary data developed and reported to PCS by permitted discharges. EPA conducts a limited amount of sampling (develops primary data) to validate sampling and reporting of permittees.

SAMPLING EVENTS:

COMMENT: EPA does not know. Very large.

NUMBER OF SAMPLING SITES: 1,340

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Not known by EPA, but extremely large and changing constantly. PCS data dictionary is approximately 600 pages in length.

MAJOR IONS:	No	INORGANICS:	Yes	ORGANICS:	Yes	NUTRIENTS:	Yes
PHYSICAL:	Yes	BIOLOGICAL:	Yes	LOCATIONAL:	Yes	OTHER DATA ELEMENT:	No
METADATA:	No						

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: No

DIGITAL FORMAT:

Hardware: IBM mainframe. Software: ADABAS

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:**No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Maximum of 58 days from end of monthly reporting period.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST:	Obtain through the Internet at no cost. Or contact Brenda Cazier, Acting PCS Database Administrator under the Freedom of Information Act (FOIA). For FOIA requests EPA charge is variable depending on the size of request, type of requestor, and grade of staff preparing the response.
---	---

WORLD WIDE WEB MONITORING DATA ADDRESS: www.epa.gov/epahriis/letter

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET: Westwide Irrigation Drainwater Assessment,
Colorado, 1996

CONTACT: Andrew Archuleta

TITLE: Environmental Contaminants Specialist

ORGANIZATION: USDOJ/FWS/Colorado Field Office

PROGRAM:

PHYSICAL ADDRESS: P.O. Box 25486- Denver Federal Center,
Lakewood, CO 80250-0207

MAILING ADDRESS
(if different):

PHONE: (303) 275-2370 **EXT:** **FAX:** (303) 275-2371

EMAIL: Andrew_Archuleta@fws.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Colorado, Arkansas, and Purgatoire Rivers

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No
COMMENT ON ACTIVITIES:

LEGAL BASIS: Water samples that we have collected are associated with specific research studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1 per site.

COMMENT:

NUMBER OF SAMPLING SITES: 11

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: No answer given.

US Fish and Wildlife Service (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** No
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Dissolved (total) metals. Regarding metadata: samples are sent to FWS laboratory (Patuxent Analytical Control Facility) who maintains protocols.

DATA SET BEGIN: 1996 **DATA SET END:** 1996 **TO PRESENT:** No
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT: Report is being developed.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Quattro Pro, Excel, or Access

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** Yes

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Variable depending on PACE.

AVAILABILITY OF DATA: **PUBLIC:** No **NOT PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, Data will be available when report is published.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/14/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET: 1995 Middle Arkansas River DOI Drainwater

CONTACT: Andrew Archuleta

TITLE: Environmental Contaminants Specialist

ORGANIZATION: USDOJ/FWS/Colorado Field Office

PROGRAM:

PHYSICAL ADDRESS: P.O. Box 25486, Denver Federal Center,
Lakewood, CO 80225-0207

MAILING ADDRESS
(if different):

PHONE: (303) 275-2370 **EXT:** **FAX:** (303) 275-2371

EMAIL: Andrew_Archuleta@fws.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Arkansas River, Colorado

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Water samples that we have collected are associated with specific research studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1 per site

COMMENT:

NUMBER OF SAMPLING SITES: 13

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: no response

US Fish and Wildlife Service (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Other data elements: Total metals (dissolved). Regarding metadata: samples are sent to Patuxent Analytical Control Facility Laboratory who maintains protocols.

DATA SET BEGIN: 1995 **DATA SET END:** 1995 **TO PRESENT:** No

TIME COVERAGE COMMENT:

One time sampling event.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT: Hard copy report is in progress.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Quattro Pro, Excel, or Access.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Variable, depending on PACE. 1 time sampling event.

AVAILABILITY OF DATA: **PUBLIC:** No **NOT PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, Must wait for report in progress to be completed.
CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/13/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET: Arkansas River Literature Database

CONTACT: Andrew Archuleta

TITLE: Environmental Contaminants Specialist

ORGANIZATION: USDOJ/FWS/Colorado Field Office

PROGRAM:

PHYSICAL ADDRESS: 755 Parfet, Suite 361
Lakewood, CO 80215

MAILING ADDRESS (if different): 25486-Denver Federal Center,
Denver, CO 80227-0207

PHONE: (303) 275-2353 **EXT:** **FAX:** (303) 275-2371

EMAIL: Andrew_Archuleta@fws.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Upper Arkansas River Basin (Colorado)

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** No
REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Bibliographic database: 1) contain scientific literature with emphasis on environmental contaminants, especially mining-related, 2) much of the research was conducted in the Upper Arkansas River Basin.

MEDIA TYPES: **SURFACE WATER:** No **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS:

COMMENT:

US Fish and Wildlife Service (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: DATA SET END: TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: No

HARDCOPY FORMAT:

FILES: No REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Access database

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: No 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Most of the publications listed are available in the respective journal at libraries, etc.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/29/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES: Many of the survey questions are not relevant for the Arkansas River Literature database. This literature database is included to alert the user of the potential water quality data contained in the literature cited by this database.

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET: American Dipper Water, 1996

CONTACT: Andrew Archuleta

TITLE: Environmental Contaminants Specialist

ORGANIZATION: USDOJ/FWS/Colorado Field Office

PROGRAM:

PHYSICAL ADDRESS: P.O. Box 25486-Denver Federal Center,
Lakewood, CO 802250207

MAILING ADDRESS
(if different):

PHONE: (303) 275-2370 **EXT:** **FAX:** (303) 275-2371

EMAIL: Andrew_Archuleta@fws.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Colorado River, Arkansas River, and Poudre River.

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Water samples that we have collected are associated with specific research studies.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1 per site

COMMENT:

NUMBER OF SAMPLING SITES: 27

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: No response given.

US Fish and Wildlife Service (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** No
PHYSICAL: No **BIOLOGICAL:** No **LOCATIONAL:** No **OTHER DATA ELEMENT:** Yes
METADATA: Yes

COMMENT ON DATA TYPES:

Other data elements: dissolved metals. Regarding metadata: samples are sent to FWS laboratory (Patuxent Analytical Control Facility) they maintain protocols.

DATA SET BEGIN: 1996 **DATA SET END:** 1996 **TO PRESENT:** No
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT: Report due in 1999. This is an on-going research study.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Quattro Pro, Excel, or Access.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

1 time sample only. Entry is variable depending on PACE.

AVAILABILITY OF DATA: **PUBLIC:** No **NOT PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, Data will be available when report is published.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/14/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Forest Service

CONTACT INFORMATION

DATA SET: IRI Common Water Layer

CONTACT: Jim Maxwell

TITLE:

ORGANIZATION: USDA/FS/Rocky Mountain Regional Office

PROGRAM:

PHYSICAL ADDRESS: 740 Simms Street,
Golden, CO 80401

MAILING ADDRESS
(if different): P.O. Box 25127,
Lakewood, CO 80225

PHONE: (303) 275-5096 **EXT:** **FAX:** (303) 275-5122

EMAIL: jmaxwell/r2@fs.fed.us

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

All National Forests and Grasslands in Colorado.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: Yes **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: National Forest Management Act, to develop a Forest Resource Management Plan. Also, National Environmental Protection Act.

MEDIA TYPES: ***SURFACE WATER:*** Yes ***GROUND WATER:*** Yes
DATA SOURCE: ***SAMPLING:*** Yes ***SECONDARY SOURCE:*** Yes

SECONDARY SOURCE(S): Colorado Water Quality Control Division 305b and 303d reports.

SAMPLING EVENTS:

COMMENT: Generally one sampling event per site from aerial photo interpretation. In some cases, the photo interpretation will be field checked, in which case there will be 2 sampling events for that site.

NUMBER OF SAMPLING SITES:

COMMENT: Unknown.

NUMBER OF PARAMETERS:

COMMENT: Estimates 12.

US Forest Service (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1906 DATA SET END: TO PRESENT: Yes
TIME COVERAGE COMMENT:

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: Yes HARDCOPY: No

HARDCOPY FORMAT:

FILES: No REPORTS: No MAPS: No MICROFICHE: No OTHER: No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Hardware differs for each data center (Unix, IBM, HP, Aplex, Data General). ARCInfo software.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: No >1X/MONTHLY: No CONTINUOUS: No VARIABLE: Yes 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

As needed and as new data is acquired.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Make request to Jim Maxwell. Cost is minimal.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/13/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Forest Service

CONTACT INFORMATION

DATA SET: U.S. Forest Service Project Specific Data

CONTACT:

TITLE: Hydrologist at Supervisor's Office, Specific National Forest or Grassland

ORGANIZATION: USDA/FS/Supervisor's Office/Specific National Forest or Grassland

PROGRAM:

PHYSICAL ADDRESS: Address for specific National Forest or Grassland Supervisor's Office.

MAILING ADDRESS
(if different):

PHONE: **EXT:** **FAX:**

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

All National Forests and Grasslands in Colorado.

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES:

LEGAL BASIS: Organic Administration Act of 1897, establishes purposes of national forest to maintain stream flow and sediment transport. Data is used to quantify in-stream flows for channel maintenance purposes. Also, National Environmental Protection Act, National Forest Management Act, Clean Water Act, and Endangered Species Act.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes

SECONDARY SOURCE(S): Includes map and aerial photo interpretation of morphometry of streams and watershed, and assessments of watershed, vegetation, roads, etc. Also, other field surveys, e.g., pebble counts.

SAMPLING EVENTS:

COMMENT: Unknown, 1,000s. Episodic sampling occurs from every few months to 5 years apart.

NUMBER OF SAMPLING SITES:

COMMENT: USFS maintains few baseline stations.

NUMBER OF PARAMETERS:

COMMENT:

US Forest Service (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** No **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data elements are physical data including morphologic, substrate, and bank stability.

DATA SET BEGIN: 1970

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: No

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** Yes

COMMENT: Other hardcopy formats are Tables.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL: All data will be digitized and entered into CSDMS within 3 to 5 years.

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: Yes

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, CONDITIONS, COST: Contact local forest hydrologist. Generally no cost is charged except for large amounts of reproductions.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/13/1997

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Geological Survey

CONTACT INFORMATION

DATA SET: QWDATA
CONTACT: George Ritz
TITLE: Water Quality Specialist
ORGANIZATION: USDOI/GS/Water Resources Division/Colorado District Office
PROGRAM:
PHYSICAL ADDRESS: Denver Federal Center, Building 53, Room H2106
Lakewood, CO 80225
MAILING ADDRESS
(if different): USGS P.O. Box 25046, Denver Federal Center, MS415
Lakewood, CO 80225
PHONE: (303) 236-4882 **EXT:** 290 **FAX:** (303) 236-4912
EMAIL: gfritz@usgs.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

USGS is an information agency. They do not regulate. Other agencies use USGS data for regulatory purposes.

LEGAL BASIS: Organic Act of Congress.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Unknown. 1,000s.

NUMBER OF SAMPLING SITES:

COMMENT: Varies from year to year.

NUMBER OF PARAMETERS:

COMMENT: Unknown. 100s.

US Geological Survey (continued)

DATA TYPES:

MAJOR IONS: Yes **INORGANICS:** Yes **ORGANICS:** Yes **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1980 **DATA SET END:** **TO PRESENT:** Yes

TIME COVERAGE COMMENT:

Data from earlier than 1960 is available for some sites.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Hardware is a PRIME minicomputer with in-house written USGS software. Porting to Data General Unix environment as interim until the data is moved to a different platform.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: **ANNUAL:** No **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: No **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** Yes **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

AVAILABILITY OF DATA: **PUBLIC:** Yes **NOT PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: USGS subjects data to a quality assurance process before making it available to the public. Data is given a preliminary provisional status first. At the end of each year the USGS conducts a quality assurance review, then publishes the data which is no longer designated as provisional. Contact Kathy Wilke and USGS will provide the data free of charge if it is not extensive. USGS will charge for time and expenses for large requests on a case by case basis.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Geological Survey

CONTACT INFORMATION

DATA SET: ADAPS (Automated Data Processing System)

CONTACT: George Ritz

TITLE: Water Quality Specialist

ORGANIZATION: USDOI/GS/Water Resources Division, Colorado District Office

PROGRAM:

PHYSICAL ADDRESS: Denver Federal Center, Building 53, Room H2106
Lakewood, CO 80225

MAILING ADDRESS (if different): PO Box 25046, Denver Federal Center, Mail Stop 415
Lakewood, CO 80225

PHONE: (303) 236-4882 **EXT:** 290 **FAX:** (303) 236-4912

EMAIL: gfritz@usgs.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Statewide

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

USGS is an information agency. They do not regulate. Other agencies use USGS data for this purpose.

LEGAL BASIS: Organic Act of Congress

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** Yes

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Continuous. Better defined by number of monitoring sites.

NUMBER OF SAMPLING SITES: 50

COMMENT: 50 operating currently. More if consider historical record.

NUMBER OF PARAMETERS:

COMMENT: Not determined. Four or less water quality parameters

US Geological Survey (continued)

DATA TYPES:

MAJOR IONS: No INORGANICS: No ORGANICS: No NUTRIENTS: No
PHYSICAL: Yes BIOLOGICAL: No LOCATIONAL: No OTHER DATA ELEMENT: Yes
METADATA: No

COMMENT ON DATA TYPES:

Other data element: dissolved oxygen, site characteristics.

DATA SET BEGIN: 1980

DATA SET END:

TO PRESENT: Yes

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

USGS software on PRIME computer

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: No

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: Yes

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Weekly to monthly. For real time data stations, every 4 hours.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

**HOW TO GET DATA,
CONDITIONS, COST:**

Real time, i.e., current condition data is provided on Internet in provisional state at <http://webserver.cr.usgs.gov>. No historical data provided at website. Published data beginning with water year 1995 (i.e., beginning October 1994) is put on the web.

WORLD WIDE WEB MONITORING DATA ADDRESS: <http://webserver.cr.usgs.gov>

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 02/09/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US Geological Survey/US National Park Service

CONTACT INFORMATION

DATA SET: Medano Creek, Upper Rio Grande NAWQA
CONTACT: Fred Bunch
TITLE: Hydrologist
ORGANIZATION: USDOI/GS for USDOI/NPS/Great Sand Dunes Unit
PROGRAM: Upper Rio Grande NAWQA
PHYSICAL ADDRESS: 11500 Highway 150,
Mosca, CO 81146
MAILING ADDRESS
(if different):
PHONE: (719) 378-2312 **EXT:** 202 **FAX:** (719) 378-2594
EMAIL: fred-bunch@nps.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Medano Creek near Great Sand Dunes National Park and USFS boundary

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: The USGS NAWQA program is intended to establish baseline water quality data on a basin wide level. This project was part of the Upper Rio Grande study.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: 38 collected monthly

NUMBER OF SAMPLING SITES: 1

COMMENT:

NUMBER OF PARAMETERS: 56

COMMENT:

US Geological Survey/US National Park Service (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: Yes NUTRIENTS: Yes
PHYSICAL: Yes BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: Yes

COMMENT ON DATA TYPES:

USGS maintains metadata.

DATA SET BEGIN: 1992

DATA SET END: 1996

TO PRESENT: No

TIME COVERAGE COMMENT:

DATA STORAGE FORMAT:

ELECTRONIC/DIGITAL: Yes

HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No **REPORTS:** Yes **MAPS:** Yes **MICROFICHE:** No **OTHER:** No

COMMENT: Obtain NAWQA report from USGS

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

See USGS national databases.

COMMENT ON DIGITAL:

SAMPLING FREQUENCY:

ANNUAL: No

BIANNUALLY: No

SEASONAL: Yes

MONTHLY: No

>1X/MONTHLY: No

CONTINUOUS: No

VARIABLE: No

1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Sampling has been completed and all data should be accessible.

AVAILABILITY OF DATA:

PUBLIC: Yes

NOT PUBLIC: No

CONDITIONAL: No

HOW TO GET DATA, Contact USGS. See USGS national database listings.

CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 06/10/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

US National Park Service

CONTACT INFORMATION

DATA SET: CURE Water Quality
CONTACT: Matt Malick
TITLE: Biologist
ORGANIZATION: USDOJ/NPS/Curecanti-Black Canyon Natural Resource Area
PROGRAM: Resource Stewardship and Science Program
PHYSICAL ADDRESS: 102 Elk Creek,
Gunnison, CO 81236
MAILING ADDRESS
(if different):
PHONE: (970) 641-2337 **EXT:** 248 **FAX:** (970) 641-3127
EMAIL: matt-malick@nps.gov

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Aspinall Unit and most major tributaries of Curecanti NRA and Black Canyon

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Research: Data is shared with cooperating state and federal agencies and research institutions to promote research of water resources in the Gunnison Valley. Monitoring: Water resources are monitored every 3 weeks to assess the overall health of the aquatic ecosystem of the Park. Explosive development of the Gunnison Valley has prompted this monitoring effort.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS: 1,238

COMMENT: Current at time of survey.

NUMBER OF SAMPLING SITES: 33

COMMENT:

NUMBER OF PARAMETERS: 26

COMMENT:

US National Park Service (continued)

DATA TYPES:

MAJOR IONS: No **INORGANICS:** No **ORGANICS:** No **NUTRIENTS:** Yes
PHYSICAL: Yes **BIOLOGICAL:** Yes **LOCATIONAL:** Yes **OTHER DATA ELEMENT:** No
METADATA: Yes

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1987 **DATA SET END:** **TO PRESENT:** Yes

TIME COVERAGE COMMENT:

We do have data prior to 1987 for several sites, however, it has not been appended to the current database.

DATA STORAGE FORMAT: **ELECTRONIC/DIGITAL:** Yes **HARDCOPY:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

Microsoft Access Database.

COMMENT ON DIGITAL: This database also houses data on aquatic invertebrates, periphyton, and reservoir elevations for the Aspinall Unit for the last 30 years.

SAMPLING FREQUENCY: **ANNUAL:** Yes **BIANNUALLY:** No **SEASONAL:** No

MONTHLY: Yes **>1X/MONTHLY:** No **CONTINUOUS:** No **VARIABLE:** No **1 TIME:** No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Not more than 1-2 weeks. General water quality parameters are sampled monthly during a 4-5 month summer season. Tributaries are sampled monthly, all year. Aquatic insects and periphyton are sampled annually.

AVAILABILITY OF DATA: **PUBLIC:** No **NOT PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: A written request with the purpose of the use of the data. No costs. Requests are granted on the end-use of the data.

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 04/08/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

Ute Water Conservancy District

CONTACT INFORMATION

DATA SET: Ute Water Conservancy District Raw Water

CONTACT: Pat Kiernan

TITLE: Laboratory Manager

ORGANIZATION: Ute Water Conservancy District/Water Treatment Plant

PROGRAM:

PHYSICAL ADDRESS: 4 1/2 miles east of Palisade on Rapid Creek Road,
CO

MAILING ADDRESS (if different): PO Box 460,
Grand Junction, CO 81502

PHONE: (970) 464-5563 **EXT:** **FAX:** (970) 464-5443

EMAIL:

DATABASE DESCRIPTION

GEOGRAPHIC COVERAGE:

Plateau Creek Drainage Basin

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No

COMMENT ON ACTIVITIES:

LEGAL BASIS: Research: monitor health and document biology of reservoirs under District control. Includes changes occurring in reservoirs. Recently studied reservoir bottoms to assess capacity losses. Planning: use research data to plan for future water needs. Regulation: use data to support water quality impacts of opening reservoirs to recreation. Monitoring: to detect changes in water quality and determine sources of those impacts. Public information: data available to anyone.

MEDIA TYPES: **SURFACE WATER:** Yes **GROUND WATER:** No

DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No

SECONDARY SOURCE(S):

SAMPLING EVENTS:

COMMENT: Approximately 14,400. 8 sources, 10 data points, for each day sampled (12 days/year) since 1983.

NUMBER OF SAMPLING SITES: 8

COMMENT:

NUMBER OF PARAMETERS: 12

COMMENT:

Ute Water Conservancy District (continued)

DATA TYPES:

MAJOR IONS: Yes INORGANICS: Yes ORGANICS: No NUTRIENTS: No
PHYSICAL: No BIOLOGICAL: Yes LOCATIONAL: Yes OTHER DATA ELEMENT: No
METADATA: No

COMMENT ON DATA TYPES:

DATA SET BEGIN: 1983 DATA SET END: TO PRESENT: Yes
TIME COVERAGE COMMENT:
Grab samples taken monthly.

DATA STORAGE FORMAT: ELECTRONIC/DIGITAL: No HARDCOPY: Yes

HARDCOPY FORMAT:

FILES: No REPORTS: Yes MAPS: No MICROFICHE: No OTHER: No
COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:

COMMENT ON DIGITAL:

SAMPLING FREQUENCY: ANNUAL: No BIANNUALLY: No SEASONAL: No

MONTHLY: Yes >1X/MONTHLY: No CONTINUOUS: No VARIABLE: No 1 TIME: No

TIME FROM SAMPLING TO DATA ACCESSIBILITY:

Generally within one week.

AVAILABILITY OF DATA: PUBLIC: Yes NOT PUBLIC: No CONDITIONAL: No

HOW TO GET DATA, Contact District to obtain data. Cost is function of size of request and time to provide.
CONDITIONS, COST:

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATE OF SURVEY 03/12/1998

SURVEYED BY: George Weber

ADDITIONAL NOTES:

SECTION III

CONTACT INFORMATION ONLY

Animas River Stakeholders Group

CONTACT INFORMATION

DATA SET:

CONTACT: Bill Simon

TITLE: Coordinator

ORGANIZATION: Animas River Stakeholders Group

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**
(if different):

PHONE: (970) 385-4138 **EXT:** **FAX:** (970) 385-4138

EMAIL:

Animas-La Plata Water Conservation District

CONTACT INFORMATION

DATA SET:

CONTACT: Edward Searle

TITLE: Secretary

ORGANIZATION: Animas-La Plata Water Conservation District

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**
(if different): P.O. Box 475,
Durango, CO 81301

PHONE: (970) 247-1302 **EXT:** **FAX:**

EMAIL:

Cherokee Water and Sanitation District

CONTACT INFORMATION

DATA SET:

CONTACT: Art Sintas

TITLE: Superintendent

ORGANIZATION: Cherokee Water and Sanitation District

PROGRAM:

PHYSICAL

ADDRESS: Colorado Springs, CO

MAILING

ADDRESS

(if different):

PHONE: (719) 597-5080

EXT:

FAX:

EMAIL:

City of Aspen, Colorado

CONTACT INFORMATION

DATA SET:

CONTACT: Mark O'Meara

TITLE: Assistant Director

ORGANIZATION: City of Aspen/Water Department

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (970) 920-5112

EXT:

FAX: (970) 920-5112

EMAIL:

City of Aurora, Colorado

CONTACT INFORMATION

DATA SET:

CONTACT: Doug Kemper

TITLE: Division Manager

ORGANIZATION: City of Aurora/Water Resource Division

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (303) 739-7886 **EXT:** **FAX:** (303) 739-7804

EMAIL:

City of Fruita, Colorado

CONTACT INFORMATION

DATA SET:

CONTACT: Jay Englehard

TITLE: Director

ORGANIZATION: City of Fruita/Public Works

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (970) 858-3663 **EXT:** **FAX:**

EMAIL:

Colorado Department of Agriculture

CONTACT INFORMATION

DATA SET:

CONTACT: Mitch Yergert

TITLE: Senior Agricultural Specialist

ORGANIZATION: CDAG/Division of Plant Industry

PROGRAM: Agriculture Chemicals and Groundwater

PHYSICAL ADDRESS: 700 Kipling Street, Suite 4000
Lakewood, CO 80215-5894

MAILING ADDRESS
(if different):

PHONE: (303) 239-4151 **EXT:** **FAX:**

EMAIL:

Colorado Division of Minerals and Geology

CONTACT INFORMATION

DATA SET:

CONTACT: Harry Posey

TITLE:

ORGANIZATION: CDNR/DMG

PROGRAM:

PHYSICAL ADDRESS: 1313 Sherman,
Denver, CO 80202

MAILING ADDRESS
(if different):

PHONE: (303) 866-3567 **EXT:** **FAX:**

EMAIL:

Colorado Division of Wildlife

CONTACT INFORMATION

DATA SET: DOW Project Specific Data: Fort Collins Regional Office

CONTACT: Steve Putman

TITLE: Regional Senior Biologist

ORGANIZATION: CDNR/DOW/Fort Collins Regional Office

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (970) 472-4321

EXT:

FAX:

EMAIL:

Colorado Division of Wildlife

CONTACT INFORMATION

DATA SET: NDIS

CONTACT: Jim Sinley

TITLE: Supervisor

ORGANIZATION: CDNR/DOW/Habitat Section

PROGRAM: NDIS

PHYSICAL

ADDRESS:

6060 Broadway,
Denver, CO 80126-

MAILING

ADDRESS

(if different):

PHONE: (303) 291-7460

EXT:

FAX:

EMAIL:

Colorado River Water Conservation District

CONTACT INFORMATION

DATA SET:

CONTACT: Dave Merritt

TITLE:

ORGANIZATION: Colorado River Water Conservation District

PROGRAM:

**PHYSICAL
ADDRESS:**

MAILING

ADDRESS P.O. Box 1120,
(if different): Glenwood Springs, CO 81602

PHONE: (970) 945-8522 **EXT:** **FAX:** (303) 945-8799

EMAIL:

***Colorado Hazardous Materials and Waste Management
Division***

CONTACT INFORMATION

DATA SET:

CONTACT: Roger Dokes

TITLE:

ORGANIZATION: CDPHE/HMWMD/Solid Waste

PROGRAM:

**PHYSICAL
ADDRESS:**

Denver, CO

**MAILING
ADDRESS**

(if different):

PHONE: (303) 692-3437 **EXT:** **FAX:**

EMAIL:

Frenchman Ground Water Management District

CONTACT INFORMATION

DATA SET:

CONTACT: Ben Saunders

TITLE: Manager

ORGANIZATION: Frenchman Ground Water Management District

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (970) 854-3484

EXT:

FAX:

EMAIL:

Grand County, Colorado

CONTACT INFORMATION

DATA SET:

CONTACT: Lurline Lurran

TITLE: Director of Planning

ORGANIZATION: Grand County

PROGRAM:

PHYSICAL

ADDRESS: Courthouse,
Hot Sulphur Springs, CO 80451-

MAILING

ADDRESS

(if different):

PHONE: (970) 725-3347

EXT:

FAX: (970) 725-3303

EMAIL:

Jackson County Water Conservation District

CONTACT INFORMATION

DATA SET:

CONTACT: Robert Burr

TITLE: Secretary-Treasurer

ORGANIZATION: Jackson County Water Conservation District

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**

(if different): S.R. Box 160,
Walden, CO 80480

PHONE: (970) 723-4202 **EXT:** **FAX:**

EMAIL:

Leroux Creek Water Users Association

CONTACT INFORMATION

DATA SET:

CONTACT: Thomas Alvey

TITLE: Secretary

ORGANIZATION: Leroux Creek Water Users Association

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**

(if different): P.O. Box 130,
Hotchkiss, CO 81419

PHONE: (970) 872-3911 **EXT:** **FAX:** (970) 872-3176

EMAIL:

Lower Fountain Water Users Association

CONTACT INFORMATION

DATA SET:

CONTACT: F. Stuart Loosely

TITLE: President

ORGANIZATION: Lower Fountain Water Users Association

PROGRAM:

PHYSICAL

ADDRESS: Colorado Springs, CO

MAILING

ADDRESS

(if different):

PHONE: (719) 597-5080

EXT:

FAX:

EMAIL:

Northern Colorado Water Conservancy District

CONTACT INFORMATION

DATA SET: 3 different sets, CBT, Windy Gap, Distribution System

CONTACT: Gene Schleger

TITLE:

ORGANIZATION: Northern Colorado Water Conservancy District

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (970) 667-2437

EXT:

FAX: (970) 663-6907

EMAIL:

Southeast Colorado Water Conservancy District

CONTACT INFORMATION

DATA SET:

CONTACT: Steve Arveschoug

TITLE: General Manager

ORGANIZATION: Southeast Colorado Water Conservancy District

PROGRAM:

PHYSICAL ADDRESS: P. O. Box 440,

MAILING ADDRESS
(if different): 905 Highway 50 West,
Pueblo, CO 81002

PHONE: (719) 544-2040 **EXT:** **FAX:**

EMAIL:

Southwestern Water Conservation District

CONTACT INFORMATION

DATA SET:

CONTACT: Becca Conrad

TITLE:

ORGANIZATION: Southwestern Water Conservation District

PROGRAM:

PHYSICAL ADDRESS: 841 Second Avenue,
Durango, CO 81302

MAILING ADDRESS
(if different):

PHONE: (970) 247-1302 **EXT:** **FAX:**

EMAIL:

Steamboat Springs Water Department

CONTACT INFORMATION

DATA SET:

CONTACT: Jeff Peterson

TITLE: Plant Operator

ORGANIZATION: Steamboat Springs Water Department

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**
(if different):

PHONE: (970) 879-2424 **EXT:** **FAX:**

EMAIL:

Trinchera Irrigation District

CONTACT INFORMATION

DATA SET:

CONTACT: Deva Dean

TITLE: Secretary

ORGANIZATION: Trinchera Irrigation District

PROGRAM:

**PHYSICAL
ADDRESS:** Blanca, CO 81123

**MAILING
ADDRESS**
(if different):

PHONE: (719) 379-3467 **EXT:** **FAX:**

EMAIL:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET:

CONTACT: Jeff Lucero

TITLE:

ORGANIZATION: USDOJ/BOR/Great Plains Region

PROGRAM:

PHYSICAL

ADDRESS: Billings, MT

MAILING

ADDRESS

(if different):

PHONE: (406) 247-7751 **EXT:** **FAX:** (406) 247-7898

EMAIL:

US Bureau of Reclamation

CONTACT INFORMATION

DATA SET:

CONTACT: Jerry Miller

TITLE:

ORGANIZATION: USDOJ/BOR/Upper Colorado Region

PROGRAM:

PHYSICAL

ADDRESS: Salt Lake City, UT

MAILING

ADDRESS

(if different):

PHONE: (801) 524-3753 **EXT:** **FAX:** (801) 524-5499

EMAIL:

US Environmental Protection Agency

CONTACT INFORMATION

DATA SET:

CONTACT: Karen Hamilton

TITLE:

ORGANIZATION: USEPA/Region VIII

PROGRAM:

PHYSICAL ADDRESS: 999 18th Street, Suite 500
Denver, CO 80303

MAILING ADDRESS
(if different):

PHONE: (303) 312-6236 **EXT:** **FAX:** (303) 312-6071

EMAIL:

US Environmental Protection Agency

CONTACT INFORMATION

DATA SET:

CONTACT: Carl Herman

TITLE:

ORGANIZATION: USEPA/Region VIII

PROGRAM:

PHYSICAL ADDRESS: 999 18th Street, Suite 500
Denver, CO 80202

MAILING ADDRESS
(if different):

PHONE: (303) 312-6628 **EXT:** **FAX:**

EMAIL:

US Environmental Protection Agency

CONTACT INFORMATION

DATA SET: NPS Projects

CONTACT: Marie Lee

TITLE:

ORGANIZATION: USEPA/Region VIII

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (303) 312-6176

EXT:

FAX: (303) 312-6065

EMAIL:

US Environmental Protection Agency

CONTACT INFORMATION

DATA SET: LIMS (Laboratory Information Management System)

CONTACT: Tom Willingham

TITLE:

ORGANIZATION: USEPA/Region VIII/

PROGRAM:

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (303) 312-7756

EXT:

FAX: (303) 312-7802

EMAIL:

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET: Upper Arkansas Bibliography
CONTACT: Andrew Archuleta
TITLE: Environmental Contaminants Specialist
ORGANIZATION: USDOJ/FWS/Colorado Field Office
PROGRAM:
PHYSICAL ADDRESS: P.O. Box 25486 - Denver Federal Center,
Lakewood, CO 80225-0207
MAILING ADDRESS
(if different):
PHONE: (303) 275-2353 **EXT:** **FAX:** (303) 275-2371
EMAIL:

US Fish and Wildlife Service

CONTACT INFORMATION

DATA SET:
CONTACT: Laura Higgins
TITLE:
ORGANIZATION: USDOJ/FWS
PROGRAM:
PHYSICAL ADDRESS:
MAILING ADDRESS
(if different):
PHONE: (303) 275-2354 **EXT:** **FAX:**
EMAIL:

US Forest Service

CONTACT INFORMATION

DATA SET:

CONTACT: John Almy

TITLE:

ORGANIZATION: USDA/FS/Grand Mesa-Uncompahgre-Gunnison

PROGRAM:

PHYSICAL ADDRESS: 2250 Highway 50,
Delta, CO 81416

MAILING ADDRESS
(if different):

PHONE: (970) 874-6656 **EXT:** **FAX:** (970) 874-6698

EMAIL:

US Forest Service

CONTACT INFORMATION

DATA SET:

CONTACT: Carl Chambers

TITLE:

ORGANIZATION: USDA/FS/Arapaho-Roosevelt

PROGRAM:

PHYSICAL ADDRESS: 240 West Prospect Road,
Fort Collins, CO 805262098

MAILING ADDRESS
(if different):

PHONE: (970) 498-1093 **EXT:** **FAX:** (970) 498-1010

EMAIL:

US Forest Service

CONTACT INFORMATION

DATA SET:

CONTACT: Kathy Foster

TITLE:

ORGANIZATION: USDA/FS/San Juan

PROGRAM:

PHYSICAL ADDRESS: 701 Camino del Rio, Room 200
Durango, CO 81301

MAILING ADDRESS
(if different):

PHONE: (970) 385-1202 **EXT:** **FAX:** (970) 385-1243

EMAIL:

US Forest Service

CONTACT INFORMATION

DATA SET: White River National Forest Project Specific Data

CONTACT: Greg Kuymjian

TITLE: Forest Hydrologist

ORGANIZATION: USDA/FS/White River National Forest

PROGRAM:

PHYSICAL ADDRESS:

MAILING ADDRESS
(if different):

PHONE: (970) 945-3242 **EXT:** **FAX:** (970) 945-3266

EMAIL:

US Forest Service

CONTACT INFORMATION

DATA SET:

CONTACT: Mari Nakada

TITLE:

ORGANIZATION: USDA/FS/Pike-San Isabel National Forest

PROGRAM:

PHYSICAL

ADDRESS: Colorado Springs, CO

MAILING

ADDRESS

(if different):

PHONE: (719) 477-4210 **EXT:** **FAX:** (719) 477-4233

EMAIL:

US Geological Survey

CONTACT INFORMATION

DATA SET:

CONTACT: Linda Britton

TITLE:

ORGANIZATION: USDOI/GS/Colorado District Office/Library

PROGRAM: Special Studies

PHYSICAL

ADDRESS:

MAILING

ADDRESS

(if different):

PHONE: (303) 236-4882 **EXT:** 264 **FAX:** (303) 236-4912

EMAIL:

US National Park Service

CONTACT INFORMATION

DATA SET:

CONTACT: Patrick Perrotti

TITLE: Resource Management Specialist

ORGANIZATION: USDOJ/NPS/Colorado National Monument

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**
(if different):

PHONE: (970) 858-3617 **EXT:** 313 **FAX:**

EMAIL:

US National Park Service

CONTACT INFORMATION

DATA SET:

CONTACT: Tom Ulrich

TITLE: Acting Chief Ranger and Resource Management Specialist

ORGANIZATION: USDOJ/NPS/Florissant Unit

PROGRAM:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS**
(if different): P.O. Box 185,
Florissant, CO 80816

PHONE: (719) 748-3253 **EXT:** **FAX:** (719) 748-3164

EMAIL:

SECTION IV

APPENDIX

Questionnaire

1. What is the name of your data set?

2. What is the name of the contact person?

3. What is the contact person's title?

4. What is the full organizational name where the database is located (e.g., department, division, program)?

Organization _____ \ _____ \ _____ Program _____

5. What is your physical address? Street/POB #

Suite/Mail Stop # _____ City _____ State _____ Zip _____

6. What is your mailing address, if different? Street/POB #

Suite/Mail Stop # _____ City _____ State _____ Zip _____

7. What is your Telephone # ____/ ____ -- _____ Extension _____

8. What is your Fax # ____/ ____ --- _____

9. What is your E-mail address? _____

10. What is the geographic coverage of the data set?

11. What type of activity(ies) do you use the data set to support?

a) Research ☐ Policy making ☐ Planning ☐ Regulation ☐ Remediation ☐
Monitoring ☐ Public Information ☐ Other ☐

b) If other, what are they?

c) For each activity you mentioned, what is the specific purpose or function and legal basis for the activity?

Directory of Colorado Water Quality Data, Colorado Geological Survey

12. Does the data set contain data for: Surface water [] Ground water []
13. Do you obtain this data directly from: sampling [] other secondary sources: []
14. If from other secondary sources, what is each and who is the contact?
Source Contact
15. How many sampling events does the data set contain?

16. How many sampling sites does the data set contain?

17. How many parameters does the data set contain (i.e., number of fields per sampling event, including e.g., locational attributes, sampling protocol, etc.)?

18. What type of data elements are contained in the data set?
a) major ions [] inorganics (incl. metals) [] organics [] nutrients [] physical [] biological []
 locational [] other []
b) If other, what are they?
19. Do you maintain metadata, i.e., data about sampling and analyses protocols?
20. What is the historical time period covered by the data set? From: _____ To: _____
 To: Present _____
a) Time coverage comment:

Directory of Colorado Water Quality Data, Colorado Geological Survey

21. How is the data set stored? Hard copy ☐ Electronic ☐

a) If hardcopy, in what format are the data? Files ☐ Reports ☐ Maps ☐ Microfiche ☐ other ☐

b) If other, what are they?

c) If digital/electronic, what software and hardware do you use?

d) Electronic/digital comments:

22. What is the frequency of sample events?

a) Annually ☐ Seasonally ☐ Monthly ☐ >1X/month ☐ Continuous: ☐ Variable ☐

b) Frequency of sampling events comments:

23. Generally, how much time passes between sampling and when the data can be accessed? _____

24. Is the data available to the public? a) Yes ☐ No ☐ Conditional ☐

b) What does someone need to do to obtain the data?

c) What costs will someone incur to obtain the data? How much are they?

d) If the data is available conditionally, what are the conditions?

Directory of Colorado Water Quality Data, Colorado Geological Survey

25. Is metadata or the monitoring data itself available on the Internet?

a) If 'yes', metadata address: _____

b) If 'yes', monitoring data address: _____

THAT CONCLUDES THE SURVEY. DO YOU HAVE ANYTHING YOU WANT TO ADD? OR ANY QUESTIONS? (Note response below.)

26. Date interview conducted/data obtained: _____

27. Interview conducted by: _____ or

28. Information provided by (i.e., if respondent fills out survey) :

Index

A

Animas River Stakeholders Group..... 127
Animas-La Plata Water Conservation District 127

B

Boulder County Health Department 6, 7
Breckenridge Sanitation District 8, 9

C

Cherokee Water and Sanitation District..... 128
City of Arvada, Colorado 10, 11
City of Aspen, Colorado 128
City of Aurora, Colorado 129
City of Fruita, Colorado 129
City of Longmont, Colorado 12, 13
Clear Creek Watershed Advisory Group 14, 15
Colorado Department of Agriculture 130
Colorado Division of Minerals and Geology. 16, 17
18, 19, 20, 21, 22, 23, 24, 25, 130
Colorado Division of Wildlife..... 26, 27, 131
Colorado Geological Survey 28, 29, 30, 31
Colorado Oil and Gas Control Commission. 32, 33
Colorado River Water Conservation District... 132
Colorado Soil Conservation Board..... 34, 35
Colorado State University 36, 37
Colorado Water Quality Control Division.... 38, 39
40, 41, 42, 43, 44, 45, 112
Custer County, Colorado 46, 47

D

Denver Regional Council of Governments.... 48, 49
Denver Water 50, 51

E

Evergreen Metropolitan District/Water Plant .. 52,
53

F

Frenchman Ground Water Management District
..... 133

G

Grand County, Colorado..... 133

H

HRS Water Consultants 54, 55

L

Leroux Creek Water Users Association 134

Lower Fountain Water Users Association 135
Lower South Platte Water Conservancy District
..... 56, 57, 58, 59

M

Metropolitan Wastewater Reclamation District
60, 61

N

National Resource Conservation Service 62, 63
North Front Range Water Quality Planning
Association 64, 65
Northern Colorado Water Conservancy District
..... 135

P

Pikes Peak Area Council of Governments 64
Pine Brook Water District..... 66

S

Saint Charles Mesa Water District..... 70, 71
Southwestern Water Conservation District 136
Steamboat Springs Water Department 137

T

Trinchera Irrigation District..... 137

U

Upper Gunnison River Water Conservation
District..... 72, 73
URS Operating Services, Inc..... 74, 75
US Bureau Of Land Management 76, 77, 78, 79
US Bureau of Reclamation 86, 87, 88, 89, 90, 91,
92, 93, 94, 95, 96, 97, 98, 99, 138
US Department of Defense 100, 101
US Environmental Protection Agency 102, 103
139, 140
US Fish and Wildlife Service..... 104, 105, 106, 107,
108, 109, 110, 111, 141
US Forest Service .112, 113, 114, 115, 142, 143, 144
US Geological Survey..116, 117, 118, 119, 120, 121,
144
US Geological Survey/US National Park Service
..... 120, 121
US National Park Service 122, 123, 145
USEPA 48
Ute Water Conservancy District..... 124, 125