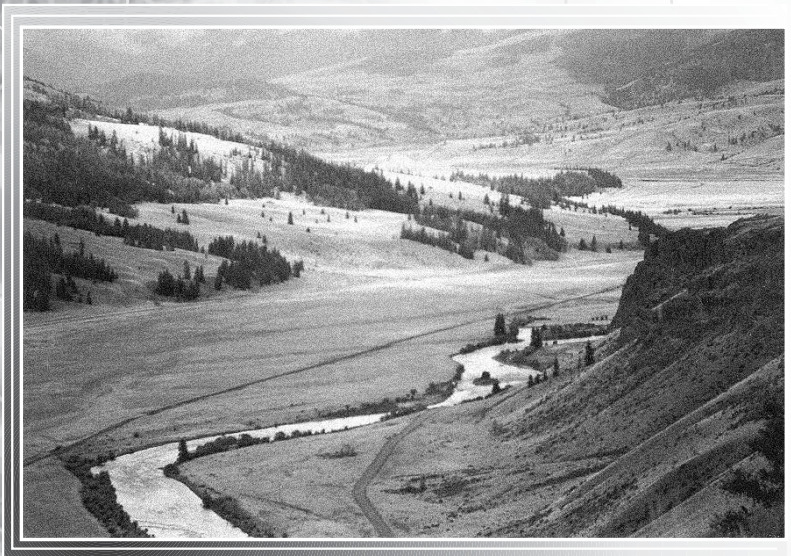


INFORMATION SERIES 66

DIRECTORY OF COLORADO WATER QUALITY DATA

**WATER QUALITY DATA
DIRECTORY OF COLORADO**



*By George R. Weber
and Matthew A. Sares*

**Colorado Geological Survey
Department of Natural Resources
Denver, Colorado
2003**

Information Series 66

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and

Matthew A. Sares

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FOREWORD

The purpose of Colorado Geological Survey Information Series 66 is to providing a quick reference for identifying the organizations that collect and use water quality data in the State of Colorado. The directory also gives basic information about the kind of data collected by each organization and how the data can be obtained. The objective of this directory is to provide the people of Colorado, as well as industry, land and resource managers, and government agencies the ability to locate and share the water quality data needed to make informed decisions about water quality in our state.

Matthew A. Sares
Chief, Environmental Geology Section

Vicki Cowart
State Geologist and Director

ACKNOWLEDGEMENTS

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Members of the Colorado Water Quality Monitoring Council provided valuable feedback on the content of the questionnaire used to collect information. This led to additional detail in the information provided in the directory, which will enhance its usefulness;

The larger community of water quality professionals and volunteers responding to the survey, who cooperated with CGS in making this information available; and

Michael Seal, who assisted with database manipulation and report generation for this edition of the directory.

We gratefully acknowledge the direction and support of Water Quality Data Program Steering Group members Doug Cain, Tom Cech, Larry Cerrillo, John Hardaway, Jeannette Hillery, R.L. Jones, John Kaufman, and Bob McConnell. 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)
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
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

Directory of Colorado Water Quality Data, Colorado Geological Survey

SECTION I

INTRODUCTION

INTRODUCTION

BACKGROUND

Many different entities in Colorado collect water quality data to meet their particular needs and purposes. Most data are kept in databases maintained by the collecting organization, and are not housed in large centralized databases. This situation can make it difficult to obtain water-quality data that may be useful in a context larger than that of the individual entity. The “Directory of Colorado Water Quality Data” seeks to ameliorate some of the difficulty in obtaining water quality data by providing a quick reference for identifying 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 kind of data collected and how they may be obtained. The Colorado Geological Survey hopes this directory will aid the people of Colorado, government agencies, and industry to locate and share needed water quality data.

This is the second edition of the directory; the first was published in 1999 (Open-File Report 99-9). The goal of the current edition was to update existing entries and to add information from organizations not previously included in the directory.

METHODS

A questionnaire was developed by CGS to collect information about organizations and their water quality data. Mr. George Weber administered the questionnaire, making contacts, collecting responses, and populating a database. Organizations provided the data on a voluntary basis, through questionnaires or telephone interviews. A copy of the questionnaire is included in the appendix.

Potential data sources were prioritized and pursued under the following scheme, 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; and
- 4) *Organization Size* – Large organizations had higher priority than small organizations.

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

SCOPE

The directory is *not* an exhaustive compilation of all entities that develop or maintain water quality data pertaining to Colorado. Organizations potentially developing or maintaining data may not have been contacted due to time and funding constraints. In addition, not all the organizations contacted provided information. Both public and private sector organizations were contacted for inclusion in the directory. Many private sector companies contacted could not provide information because of the proprietary nature of their data. Some companies perform primary water-quality sampling, data warehousing, and data analysis for public or governmental organizations, and have provided information for the directory.

Most information in this directory was collected or updated in 2001, although some information remains unchanged from earlier editions. The date the data was collected is indicated at the end of each entry. Some of the 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, surface water, sediment),
- data source,
- data types,
- data storage format,
- sampling frequency,
- availability of the data, and
- date of the survey information.

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 for these organizations. This information is arranged in alphabetical order, primarily by organization name and secondarily by data set name, where available.

The Appendix, Section IV, contains the questionnaire used to collect data contained in the body of the report and several useful indexes. The indexes allow the user to cross-reference data by county, watershed, organization, and the type of water quality data available.

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

Animas River Stakeholders Group

CONTACT INFORMATION

ORGANIZATION: Animas River Stakeholders Group

PROGRAM:

CONTACT: Bill Simon

TITLE: Watershed Coordinator

PHYSICAL ADDRESS: 8185 CR 203
Durango, CO 81301

MAILING ADDRESS (if different):

PHONE: (970) 385-4138 **ext:** **FAX:** (970) 385-4138

EMAIL: wsimon@frontier.net

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Animas River Watershed Data

GEOGRAPHIC COVERAGE: Animas River Watershed

COUNTIES: La Plata, San Juan

WATERSHED: Animas River

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: No legal basis. Purpose and function self described.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** Yes
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: More than 1,000.

NUMBER OF SAMPLING SITES:

COMMENT: More than 400.

NUMBER OF PARAMETERS: 30

COMMENT: Approximate. Parameter number varies somewhat depending upon agency taking sample.

Animas River Stakeholders Group (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Excel, IBM computer
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-longitude, some Universal Transverse Mercator (UTM).
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1991 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Period varies depending upon site and purpose.
SAMPLING TO ENTRY LAG: 4 months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Visit our website: waterinfo.org/ARSG/ or call Bill Simon. Usually no cost.

AVAILABLE ON INTERNET: Yes

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS: waterinfo.org/arsg/

DATA BENEFICIARIES: Agencies, individuals, and industry.

DATE OF SURVEY: 8/6/01

INFORMATION PROVIDED BY: Bill Simon

ADDITIONAL NOTES:

ASARCO, Inc. (1)

CONTACT INFORMATION

ORGANIZATION: ASARCO, Inc.
PROGRAM: Iowa Gulch
CONTACT: Donald Seppi
TITLE: Environmental Manager
PHYSICAL ADDRESS: 748 County Road 2A
Leadville, CO 80461
MAILING ADDRESS (if different): P.O. Box 936
Leadville, CO 80461
PHONE: (719) 486-4016 **ext:** **FAX:** (719) 486-3874
EMAIL: leadunitenv@chaffee.net
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Iowa Gulch

GEOGRAPHIC COVERAGE: Iowa Gulch segment 8b and 9, Lake County, Upper Arkansas watershed.

COUNTIES: Lake
WATERSHED: Arkansas River

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Data for zinc standards for Iowa Gulch . A 3 year study.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 17

COMMENT: Additional events will be added this summer.

NUMBER OF SAMPLING SITES: 5

COMMENT:

NUMBER OF PARAMETERS: 18

COMMENT: These parameters are all analytical. One benthic macroinvertebrate community assessment was done at this site 9/19/99.

ASARCO, Inc. (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1999 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: The first 1.5 to 2 years of the study was monthly now we will finish with summer season.
SAMPLING TO ENTRY LAG: 1 month

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: In most instances we would prefer to complete the data package before release. The study is nearing completion. To obtain the data contact Donald Seppi. Costs are unknown.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: CDPHE
DATE OF SURVEY: 5/29/01
INFORMATION PROVIDED BY: Donald Seppi
ADDITIONAL NOTES:

ASARCO, Inc. (2)

CONTACT INFORMATION

ORGANIZATION: ASARCO\Leadville Unit
PROGRAM: OO1-A Plant Discharge Monitoring
CONTACT: Donald Seppi
TITLE: Environmental Manager
PHYSICAL ADDRESS: 748 County Road 2A
Leadville, CO 80461
MAILING ADDRESS (if different): PO Box 936
Leadville, CO 80461
PHONE: (719) 486-4016 **ext:** **FAX:** (719) 486-3874
EMAIL: leadunitenv@chaffee.net
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: 001-A
GEOGRAPHIC COVERAGE: Plant discharge point of compliance.
COUNTIES: Lake
WATERSHED: Arkansas River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** Yes
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** No
COMMENT ON ACTIVITIES:
LEGAL BASIS: CDPS Point of Compliance
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS: 200
COMMENT: >200
NUMBER OF SAMPLING SITES: 1
COMMENT:
NUMBER OF PARAMETERS: 14
COMMENT:

ASARCO, Inc. (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1990 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Time period is probably correct but at this time is an estimate.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Once/week during operation, now minimum once/week when treating.
SAMPLING TO ENTRY LAG: 1 month

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Summary data is available on DMRs at CDPHE. If the DMR data at CDPHE is not suitable, then contact Donald Seppi. Costs are unknown. Conditions are listed in 27(b).

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: CDPHE
DATE OF SURVEY: 5/29/01
INFORMATION PROVIDED BY: Donald Seppi
ADDITIONAL NOTES:

Boulder County Health Department

CONTACT INFORMATION

ORGANIZATION: Boulder County Health Department\Environmental Health Division

PROGRAM: Water Quality Program

CONTACT: Mark Williams

TITLE: Water Quality Coordinator

PHYSICAL ADDRESS: 3450 Broadway
Boulder, CO 80304

MAILING ADDRESS (if different):

PHONE: (303) 441-1143 **ext:** **FAX:** (303) 441-1468

EMAIL: mdwhe@co.boulder.co.us

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: North Broadway Ground Water Plume

GEOGRAPHIC COVERAGE: North Boulder area

COUNTIES: Boulder

WATERSHED: Boulder Creek

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.

TYPE OF SAMPLE MEDIA: WATER: No SEDIMENT: No

DATA FOR: SURFACE WATER: No STREAMS: No LAKES/RESERVOIRS: No WETLANDS: No
GROUND WATER: Yes

DATA SOURCE: SAMPLING: No SECONDARY SOURCE: Yes

COMMENT ON SECONDARY SOURCES: Several private consultants for various stakeholders.

NUMBER OF 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.

Boulder County Health Department (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Beginning date not known.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Fill out form requesting data. Costs for reproduction of documents.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY:

INFORMATION PROVIDED BY:

ADDITIONAL NOTES:

Boxelder Sanitation District

CONTACT INFORMATION

ORGANIZATION: Boxelder Sanitation District
PROGRAM:
CONTACT: Ravi Srivastava
TITLE: District Engineer
PHYSICAL ADDRESS: 2217 Airway Avenue, #3
Ft. Collins, CO 80522
MAILING ADDRESS (if different): PO Box 1518
Fort Collins, CO 80522
PHONE: (970) 498-0604 **ext:** **FAX:** (970) 498-0701
EMAIL: bsd@verinet.com

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: River/Creek Water Quality Data

GEOGRAPHIC COVERAGE: Cache la Poudre Basin, specifically lower portion of Boxelder Creek, and Poudre River in proximity to Boxelder Creek confluence.

COUNTIES: Larimer

WATERSHED: Cache La Poudre River

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES:

LEGAL BASIS:

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 50

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT: 5-7

NUMBER OF PARAMETERS:

COMMENT: 4-5

Boxelder Sanitation District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: MS Excel, Quattro Pro
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1997 **DATA SET END:** TO PRESENT: Yes
COMMENT: Various sites have different time frames of data.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: ?

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST:
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/25/01

INFORMATION PROVIDED BY: Ravi Srivastava

ADDITIONAL NOTES:

Breckenridge Sanitation District

CONTACT INFORMATION

ORGANIZATION: Breckenridge Sanitation District/Wastewater Treatment Plant

PROGRAM:

CONTACT: Greg Brown

TITLE: Plant Manager

PHYSICAL ADDRESS: 59 Swan Mountain Road
Breckenridge, CO 80424

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

PHONE: (970) 453-2723 **ext:** **FAX:** (970) 453-1179

EMAIL:

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Airport Sludge Application Program: Blue River

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

COUNTIES: Summit

WATERSHED: Blue River

ACTIVITIES SUPPORTED:

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

REMEDIATION: 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 wastewater discharge permit (NPDES).

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 240

COMMENT:

NUMBER OF SAMPLING SITES: 3

COMMENT:

NUMBER OF PARAMETERS: 12

COMMENT:

Breckenridge Sanitation District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Tests are contracted to private laboratory who does QA/QC work.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** 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.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1987 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 2-3 weeks.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Make request for data. No cost.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 8/10/01

INFORMATION PROVIDED BY: Greg Brown

ADDITIONAL NOTES: Data program has been discontinued.

Cherokee Water and Sanitation District

CONTACT INFORMATION

ORGANIZATION: Cherokee Metro District
PROGRAM: State Requirements, CDPHE
CONTACT: F. Stuart Loosley
TITLE: General Manager
PHYSICAL ADDRESS: 1335 Valley Street
Colorado Springs, CO 80915
MAILING ADDRESS (if different):
PHONE: (719) 597-5080 **ext:** **FAX:** (719) 597-5145
EMAIL: cmdistrict@quest.net
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET:

GEOGRAPHIC COVERAGE: Upper Black Squirrel Creek Designated Ground Basin

COUNTIES: El Paso
WATERSHED: Black Squirrel Creek

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: CDPHE Requirements. District Information on nitrates.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 3

COMMENT: "3 year" Tests done on a rotating 3 year basis.

NUMBER OF SAMPLING SITES: 14

COMMENT:

NUMBER OF PARAMETERS: 4

COMMENT: Metals, radiological, trace organics, and nitrates.

Cherokee Water and Sanitation District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Note: Tests done on a rotating 3 year basis.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1989 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 2 months

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No
HOW TO GET DATA, CONDITIONS, COST: Ask. Cost: \$1.25/page.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/27/01

INFORMATION PROVIDED BY: F. Stuart Loosley

ADDITIONAL NOTES:

Cherry Creek Basin Water Quality Authority

CONTACT INFORMATION

ORGANIZATION: Cherry Creek Basin Water Quality Authority
PROGRAM: c/o BS Wells Corp.
CONTACT: Jim Worley
TITLE:
PHYSICAL ADDRESS: 6399 South Fiddler's Green Circle, 102
Greenwood Village, CO 801114801
MAILING ADDRESS (if different):
PHONE: (303) 779-4525 **ext:** **FAX:** (303) 773-2050
EMAIL: jimworley@cliftoncpa.com
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Cherry Creek Reservoir Monitoring Reports & Baseline WQ Data Collection Study - U. Cherry Ck. Basin

GEOGRAPHIC COVERAGE: Watershed, including the Upper Cherry Creek Basin and Cherry Creek Reservoir Stream segments.

COUNTIES: Arapahoe, Denver, Douglas

WATERSHED: Cherry Creek

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Long term monitoring program that is part of the control regulation for Cherry Creek Reservoir.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 56

COMMENT: We will sample Cherry Creek Reservoir 27 times in 2001. We will sample the tributaries 12 times, plus up to 8 additional storm samples will be collected. There will also be 17 samples taken from the Upper Cherry Creek Basin.

NUMBER OF SAMPLING SITES: 27

COMMENT: There are 4 reservoir sites and 6 stream sites in and around Cherry Creek State Park. There are also 8 stream sites on the Upper Cherry Creek Basin and 9 ground water sites.

NUMBER OF PARAMETERS: 34

COMMENT: Temperature, conductivity, DO, pH, ORP, TN, TDN, NO₂/NO₃, NH₃, TP, TDP, O-P, alkalinity, hardness, chlorophyll, coliform, E-Coli, zooplankton, phytoplankton, TSS, TVSS, Al, Ca, Mg, Fe, Cl, SO₄, Se, Cd, Br, Ar, chloroform, uranium, and radium.

Cherry Creek Basin Water Quality Authority (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: alpha emitter

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Excel and Word, Harvard chart and graphics.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1994 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Additional reports prepared by different agencies prior to 1994.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Cherry Creek Reservoir: Monthly sampling November - March, bi-weekly sampling May and October, weekly sampling June - September.
Upper Cherry Creek Basin: Monthly sampling occurs on each site and semi-annual ground water samples are taken in April and September.
SAMPLING TO ENTRY LAG: One week.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact the Cherry Creek Water Quality Authority. Costs depend on the amount of data requested.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Community planners.

DATE OF SURVEY: 6/27/01

INFORMATION PROVIDED BY: Steve Canton, Chadwick Ecological Consultants

ADDITIONAL NOTES:

City of Arvada, Colorado

CONTACT INFORMATION

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

PROGRAM:

CONTACT: James McCarthy

TITLE: Manager Water Quality and Environmental Services

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Arvada Reservoir and feeder canals

GEOGRAPHIC COVERAGE: Arvada reservoir and feeder canals.

COUNTIES: Jefferson

WATERSHED: South Platte River

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes

REMEDIATION: 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.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: 1984 and 1985 secchi depth only. Beginning 1986, sampled for nutrients and metals and began adding additional elements over time.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** 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.

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: No

COMMENTS:

DATA UPLOADED TO STORET: No

DATA SET BEGIN: 1984 **DATA SET END:** TO PRESENT: Yes

COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** Yes

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No

COMMENT:

SAMPLING TO ENTRY LAG: 2 weeks to 3 months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY:

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

City of Aspen, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Aspen\Water Department
PROGRAM:
CONTACT: Mark O'Meara
TITLE: Assistant Director
PHYSICAL ADDRESS: 500 Doolittle Drive
Aspen, CO 81611
MAILING ADDRESS (if different): 130 Galena Street
Aspen, CO 81611
PHONE: (970) 920-5110 **ext:** **FAX:** (970) 920-5117
EMAIL: marko@ci.aspen.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Aspen Water Department Chem Survey
GEOGRAPHIC COVERAGE: Castle Creek headgate/treatment plant/Little Nell Well/Maroon Creek headgate
COUNTIES: Pitkin
WATERSHED: Roaring Fork River

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** No **REGULATION:** No
REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No
COMMENT ON ACTIVITIES: Hydroelectric generation
LEGAL BASIS: Primary drinking water regulations, Surface Water Treatment Rule.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Daily. Drinking water regulations dictate most of our sampling. Refer to CDPHE primary drinking water regulations and Surface Water Treatment Rule for frequency and parameters.

NUMBER OF SAMPLING SITES: 3

COMMENT: Two raw-water stream sources and one well. Many sites on distribution side (after filtration and treatment).

NUMBER OF PARAMETERS:

COMMENT: See above.

City of Aspen, Colorado (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **RACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel and Access.
COMMENTS: Aerial photos -- GIS -- GPS corrections
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude/Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1963 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Parameters and analytical tools were different back then.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No
COMMENT: Depends on mandates from government and customers.
SAMPLING TO ENTRY LAG: Varies on parameter.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request it. No cost.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Public health agencies real estate agents federal and state land management agencies.

DATE OF SURVEY: 6/27/01

INFORMATION PROVIDED BY: Mark O'Meara

ADDITIONAL NOTES:

City of Aurora, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Aurora\Utilities\Quality Control
PROGRAM: Drinking Water and Wastewater
CONTACT: Randy Giffin
TITLE: Quality Control Supervisor
PHYSICAL ADDRESS: 18301 E. Quincy Ave
Aurora, CO 80015
MAILING ADDRESS (if different):
PHONE: (303) 739-6770 **ext:** **FAX:** (303) 699-3918
EMAIL: rgiffin@ci.aurora.co.us
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Upper South Platte Watershed

GEOGRAPHIC COVERAGE: Upper South Platte Watershed

COUNTIES: Douglas, Jefferson, Park

WATERSHED: South Platte 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: Policy making -- when and where to direct source water and use and use as drinking water source.
Planning -- same as above. Regulation -- Information collection rule parameters and subsequent SWTR/DEOBP parameters. Monitoring -- In addition to above, typical characterization of source water quality.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 200

COMMENT: 100-200. Aurora has collected samples beginning in the 1970s and typically monthly since the early to mid 1980s. Not all parameters at all locations represented.

NUMBER OF SAMPLING SITES: 7

COMMENT: 4-7. We collect samples at 4 sites regularly, but have collected samples at 2 other sites occasionally. We also collect from one reservoir at 2 sites.

NUMBER OF PARAMETERS: 45

COMMENT: The 45 does not include locational attributes sampling protocol, etc. Additionally the 45 parameters are not analyzed each sampling event over the whole data set.

City of Aurora, Colorado (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel spreadsheet (PC)
COMMENTS: We are entering lab data into a database (Tribal).
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude/longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1985 **DATA SET END:** TO PRESENT: Yes
COMMENT: Earlier data (1970s) are summaries and/or hard copies. Data from 1985 to present are in electronic spreadsheets, at minimum.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Bulk of data are monthly.
SAMPLING TO ENTRY LAG: 3 months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Make request. Costs depend on how much data (earlier, hard copies are difficult) s requested. Usually no cost, or minimal cost.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: State health department (especially for SWAP). USGS? Concerned citizens.

DATE OF SURVEY: 5/9/01

INFORMATION PROVIDED BY: Randy Giffin

ADDITIONAL NOTES:

City of Aurora, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Aurora\Utilities\Quality Control
PROGRAM: Drinking Water and Wastewater
CONTACT: Randy Giffin
TITLE: Quality Control Supervisor
PHYSICAL ADDRESS: 18301 E. Quincy Ave
Aurora, CO 80015
MAILING ADDRESS (if different):
PHONE: (303) 739-6770 **ext:** **FAX:** (303) 699-3918
EMAIL: rgiffin@ci.aurora.co.us
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Aurora source water and SPCURE
GEOGRAPHIC COVERAGE: South Platte segment 14 and 15 tributaries: Cherry Creek Basin, Sand Creek above Havana, Aurora Reservoir, Quincy Reservoir.
COUNTIES: Arapahoe, Douglas
WATERSHED: South Platte River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: No **MONITORING:** Yes **PUBLIC INFORMATION:** No **OTHER:** No
COMMENT ON ACTIVITIES:
LEGAL BASIS: Policy making -- watershed protection. Planning -- source water choice and protection. Regulation -- TMDLs, 303d list, Info call Rank, SWTR/DIDSP. Monitoring -- characterization of source water quality, receiving bodies of water.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
 GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS:
 COMMENT: 100-150. Aurora has expanded its monitoring program and some sites are relatively new.
NUMBER OF SAMPLING SITES: 8
 COMMENT: As noted above, sites vary over years and parameters vary widely.
NUMBER OF PARAMETERS: 45
 COMMENT: As noted above, data vary widely at different locations. The location and sampling information is available.

City of Aurora, Colorado (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel spreadsheets.
COMMENTS: We employ a lab database (Tribal) that we are beginning to enter data into.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1985 **DATA SET END:** TO PRESENT: Yes
COMMENT: Some early data (mid 1970s) available in hardcopy.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** Yes
COMMENT:
SAMPLING TO ENTRY LAG: Three months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Make request. Dependent on how much data needed and format (hard copies are difficult). Usually no cost or minimal.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: State health department. USGS. Concerned citizens.

DATE OF SURVEY: 5/8/01

INFORMATION PROVIDED BY: Randy Giffin

ADDITIONAL NOTES:

City of Longmont, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Longmont\Waste Water Treatment Plant\Water Quality Laboratory

PROGRAM:

CONTACT: Robert Luna

TITLE: Water Quality Laboratory Supervisor

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

MAILING ADDRESS (if different):

PHONE: (303) 651-8666 **ext:** **FAX:** (303) 682-9543

EMAIL: roberto.luna@ci.longmont.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

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

GEOGRAPHIC COVERAGE: North 7 South St. Vrain, CBT

COUNTIES: Boulder, Larimer

WATERSHED: St Vrain River

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 ensure 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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 50

COMMENT: 50 is approximate.

NUMBER OF SAMPLING SITES: 10

COMMENT: 6 sites associated with above and below waste water 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Metadata is not maintained now but is planned in the future.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: dBase IV.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1992 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 1 week.

AVAILABILITY OF DATA: **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.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Regulatory agencies.

DATE OF SURVEY: 6/12/01

INFORMATION PROVIDED BY: Robert Luna

ADDITIONAL NOTES:

City of Thornton, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Thornton
PROGRAM: Water Quality Section
CONTACT: Vic Lucero
TITLE: Water Quality Administrator
PHYSICAL ADDRESS: 3651 E. 86th Avenue
Thornton, CO 80229
MAILING ADDRESS (if different): 9500 Civic Center Drive
Thornton, CO 80229
PHONE: (303) 255-7771 **ext:** **FAX:** (303) 255-7729
EMAIL: vlucero@ci.thornton.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Thornton LIMS

GEOGRAPHIC COVERAGE: Clear Creek Watershed (Golden to confluence with Platte); S. Platte (Chatfield Res. To confluence with Clear Creek, raw water storage reservoirs, treated water, Northern Projects (Platte and irrigation ditches around Greeley, Ault, and Ft. Collins)

COUNTIES: Adams, Arapahoe, Jefferson, Larimer, Weld

WATERSHED: South Platte River

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES: Litigation

LEGAL BASIS: General water quality planning and assessment of Thornton's raw water sources and compliance with the Safe Drinking Water Act.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
 GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Many. Data from 1986 to present.

NUMBER OF SAMPLING SITES:

COMMENT: Many. Over 100.

NUMBER OF PARAMETERS:

COMMENT: Over 100. Organics, inorganics, metals, microbiological, radiological.

City of Thornton, Colorado (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Aspen LIMS (product of Telecations in Lakewood). Aspen is an Access based database.

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes

COMMENTS: Maintain latitude-longitude digital map coordinates, but not in LIMS.

DATA UPLOADED TO STORET: No

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

COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes

CONTINUOUS: No **VARIABLE:** No **ONCE:** No

COMMENT: Data set includes about 8 sampling programs. The frequency is either annual, monthly, or weekly.

SAMPLING TO ENTRY LAG: Approximately 30 to 60 days.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: To request data, call and ask. No cost for electronic data. Hardcopy data is \$0.25/page.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: People who need data for modeling purposes on any type of water quality assessment.

DATE OF SURVEY: 8/14/01

INFORMATION PROVIDED BY: Vic Lucero

ADDITIONAL NOTES: 1. The ground water sampled is from monitoring wells around reservoirs near Rocky Mountain Arsenal.
2. Metadata is not maintained in LIMS, but is available in hard copy on file.

Colorado Division of Minerals and Geology (1)

CONTACT INFORMATION

ORGANIZATION: CDNR/Division of Minerals and Geology
PROGRAM: Coal Mine Permitting Program
CONTACT: David Berry
TITLE: Coal Program Supervisor
PHYSICAL ADDRESS: 1313 Sherman Street, 215
Denver, CO 80203
MAILING ADDRESS (if different):
PHONE: (303) 866-3567 **ext:** **FAX:** (303) 866-8106
EMAIL: david.berry@state.co.us
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Coal mine hydrology data.
GEOGRAPHIC COVERAGE: Coal mining areas of the state
COUNTIES: Archuleta, Delta, Fremont, Garfield, Gunnison, Huerfano, Jackson, La Plata, Las Animas,
Mesa, Moffat, Montrose, Pitkin, Rio Blanco, Routt, Weld
WATERSHED: Statewide
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: Yes **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No
COMMENT ON ACTIVITIES:
LEGAL BASIS: Colorado Surface Coal Mining Reclamation Act and regulations of the Colorado Mineland Reclamation Board (CMLRB) for Coal Mining. Function enables CMLRB to determine if coal mine operators are providing required data and operating within specified standards.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES: Permitted mine operators
NUMBER OF SAMPLING EVENTS:
COMMENT: Unknown. Less than 300.
NUMBER OF SAMPLING SITES:
COMMENT: Estimates 30 - 40. The number and location of sampling sites varies over time.
NUMBER OF PARAMETERS:
COMMENT: Less than 20.

Colorado Division of Minerals and Geology (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Metadata is rudimentary and varies from mine to mine and permit to permit.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1981 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Reporting by mines is done annually.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact David Berry or visit DMG. DMG charges the cost of copying.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Government agencies, public landowners in the vicinity of mines.

DATE OF SURVEY: 6/8/01

INFORMATION PROVIDED BY: Kent Gorham

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology (2)

CONTACT INFORMATION

ORGANIZATION: CDNR\Division of Minerals and Geology
PROGRAM: Minerals Program
CONTACT: Bruce Humphries
TITLE: Minerals Program Supervisor
PHYSICAL ADDRESS: 1313 Sherman, Room 215
Denver, CO 80203
MAILING ADDRESS (if different):
PHONE: (303) 866-3927 **ext:** **FAX:** (303) 832-8106
EMAIL: bruce.humphries@state.co.us

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Minerals Program permit files.

GEOGRAPHIC COVERAGE: Specific mining operations in Colorado.

COUNTIES: Statewide
WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Senate Bill 9-181 concerning regulatory authority over water quality control and through the Colorado Mined Land Reclamation Act. (See CRS 34-32-101 et. seq.) Regulations may require baseline water quality and periodic water quality monitoring for designated mining operations.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Mine operators, citizens, agencies. From any source provided the detection limits are appropriate.

NUMBER OF SAMPLING EVENTS:

COMMENT: Various. Baseline ground water and surface water equals 5 quarters of data. Monitoring varies from daily to yearly, depending on site.

NUMBER OF SAMPLING SITES: 30

COMMENT: Approximate

NUMBER OF PARAMETERS:

COMMENT: Various

Colorado Division of Minerals and Geology (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Parameters vary by site.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1977 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No
COMMENT: Varies by site.
SAMPLING TO ENTRY LAG: Available to public on receipt.

AVAILABILITY OF DATA: **PUBLIC:** Yes **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.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Mining operators, public, regulators, researchers.

DATE OF SURVEY: 6/20/01

INFORMATION PROVIDED BY: Bruce Humphries

ADDITIONAL NOTES:

Colorado Division of Minerals and Geology (3)

CONTACT INFORMATION

ORGANIZATION: CDNR/Division of Minerals and Geology
PROGRAM: Inactive Mine Reclamation Program
CONTACT: Jim Herron
TITLE: Reclamation Specialist
PHYSICAL ADDRESS: 1313 Sherman Street, 215
Denver, CO 80203
MAILING ADDRESS (if different):
PHONE: (303) 866-3813 **ext:** **FAX:** (303) 832-8106
EMAIL: james.herron@state.co.us
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Abandoned Minelands
GEOGRAPHIC COVERAGE: State mineral belt.
COUNTIES: Boulder, Chaffee, Clear Creek, Conejos, Custer, Delta, Dolores, Eagle, Fremont, Gunnison, Hinsdale, La Plata, Lake, Larimer, Mineral, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller
WATERSHED: Statewide
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: Clean Water Act, Section 319, Nonpoint Source Program. The Inactive Mine Reclamation Program does investigatory work to determine if there are potential contamination problems arising from abandoned mines and then to propose and develop appropriate remediation projects.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS: 1000
COMMENT: Number of sampling events is estimated.
NUMBER OF SAMPLING SITES: 500
COMMENT: Number of sampling sites is estimated..
NUMBER OF PARAMETERS:
COMMENT: Variable between 10-30 parameters.

Colorado Division of Minerals and Geology (3) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT: Hardcopy sheets with notations by county.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS: Some data in digital spreadsheet format. Data in digital spreadsheet format sent to Water Quality Control Division, Colorado Department of Public Health and Environment.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Digital locations for most sites. Latitude-Longitude, uncorrected.
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1986 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Not applicable

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Jim Herron. Data s available free of charge except for reproduction at \$0.25 per page.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Landowners, interested persons.

DATE OF SURVEY: 6/14/01

INFORMATION PROVIDED BY: Jim Herron

ADDITIONAL NOTES: Data is mostly on STORET. Stakeholders groups maintain databases with most of the data we collect.

Colorado Division of Water Resources

CONTACT INFORMATION

ORGANIZATION: CDNR/Division of Water Resources

PROGRAM: High Plains Water Quality Project

CONTACT: William Fronczak

TITLE: Supervisor Designated Basins Branch

PHYSICAL ADDRESS: 1313 Sherman Street, Room 818
Denver, CO 80211

MAILING ADDRESS (if different):

PHONE: (303) 866-8581 **ext:** **FAX:** (303) 866-3589

EMAIL: bill.fronczak@state.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: High Plains Water Quality Project

GEOGRAPHIC COVERAGE: Northern High Plains and Southern High Plains Designated Groundwater Basin - Eastern Colorado

COUNTIES: Baca, Cheyenne, Kiowa, Kit Carson, Lincoln, Logan, Phillips, Prowers, Sedgwick, Washington, Yuma

WATERSHED: Arkansas River, South Platte River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Gather information to support the ground water commission's position on the Water Quality Control Commission's ground water policies.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 2

COMMENT:

NUMBER OF SAMPLING SITES: 320

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Nitrate/Nitrite, cations, anions, pesticides

Colorado Division of Water Resources (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Nitrate/nitrite

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Access 97, Excel 97
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Universal Transverse Mercator (UTM)
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1999 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Several months

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Request the sampling reports. Copying costs, approximately \$20.
Exact sample location coordinates are not available to the public.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Local ground water users in the Northern High Plains and Southern High Plains designated basins.

DATE OF SURVEY: 7/10/01

INFORMATION PROVIDED BY: William Franczak

ADDITIONAL NOTES:

Colorado Division of Wildlife (1)

CONTACT INFORMATION

ORGANIZATION: CDNR/Division of Wildlife
PROGRAM: Rivers of Colorado Water Watch Network
CONTACT: Barb Horn
TITLE: Aquatic Biologist
PHYSICAL ADDRESS: 151 E. 16th
Durango, CO 81329
MAILING ADDRESS (if different):
PHONE: (970) 382-6667 **ext:** **FAX:** (970) 247-4785
EMAIL: barb.horn@state.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: River Watch H2O water quality database

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

REMEDATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** Yes

COMMENT ON ACTIVITIES: Public education is an additional supported activity.

LEGAL BASIS: The CDOW's legislative mandate is to protect and preserve wildlife for the citizens of Colorado. This includes aquatic wildlife. We accomplish part of this mandate through water quality and biological monitoring. Primary data acquisition is for long-term trend/baseline analyses, for 303(b), 303(d) and triennial review processes and internal decision making processes. All information is available for public information and education. The data include specific studies designed to monitor for remediation of streams.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: We have an extensive network of volunteers that collect samples and conduct field analyses. We partner with laboratories such as Denver Metro Sewage District, Northern Colorado Water Conservancy District and Aquatic Associates.

NUMBER OF SAMPLING EVENTS: 29000

COMMENT: Each record constitutes sampling event. Each sample event contains up to 39 water quality parameters, as well as macroinvertebrate and physical habitat data.

NUMBER OF SAMPLING SITES: 650

COMMENT: Number of samples or records per site will vary. Most have at least one year. Some have 10 plus years and about 150 were one-time sampling events.

Colorado Division of Wildlife (1) (continued)

NUMBER OF PARAMETERS: 54

COMMENT: River Watch H2O has 28 water quality fields and 8 location and other identifier fields.
Nutrient database has 8 fields, 2 of which are identifier.

Macroinvertebrate database is being re-organized and final number of fields unknown at this time. Station database has 28 fields that identify station location. Due to the large volume of data processes there are numerous intermediate and smaller files that are utilized to get the data to these primary databases, for example volunteer information, quality control and assurance databases.

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Photographs of sites over time

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT: Produce annual watershed reports.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: dBASE and Excel.

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes

COMMENTS: We have Latitude-Longitude, Universal Transverse Mercator (UTM)X and Y, township, range, section, 1/4 section, and written description if need to drive to site, all in station database.

DATA UPLOADED TO STORET: Yes

DATA SET BEGIN: 1989 **DATA SET END:** **TO PRESENT:** Yes

COMMENT: Waiting for EPA contractor to finish revamping data filters and finalize customize program to upload and update data thereafter. Target for completion of this is June (2001).

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No

COMMENT: From 1989-1998 primary frequency was 24 times/year. From 1998 to present primary frequency is 12 times/year. Special studies have variable frequencies. Nutrient data is 2 times/year and macroinvertebrate data is one time/year.

SAMPLING TO ENTRY LAG: About six months for all but nutrients which is about one month

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Data is available on web page (<http://riverwatch.state.co.us>), soon in STORET or by personal request. No costs.

AVAILABLE ON INTERNET: Yes

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

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

DATA BENEFICIARIES: The watershed groups among our volunteer network and CDOW biologists.

DATE OF SURVEY: 6/1/01

INFORMATION PROVIDED BY: Barb Horn

Colorado Division of Wildlife (1) (continued)

ADDITIONAL NOTES: River Watch H2O is a primary water quality database. Nutrient, Macroinvertebrate and physical habitat data are separate databases but will soon be linked. Meta-data are linked as well. All information on this form applies to all of these databases.

Colorado Geological Survey (1)

CONTACT INFORMATION

ORGANIZATION: CDNR\DMG\Colorado Geological Survey
PROGRAM: Water Quality Data Program
CONTACT: Matt Sares
TITLE: Chief, Environmental Geology Section
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
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Natural Acid Rock Drainage Associated with Hydrothermally Altered Terrane

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: The purpose of this data set is to characterize surface-water quality in areas of Colorado that have naturally poor water quality due to the geology of hydrothermally altered areas. The data is not obtained for regulatory purposes, but may be used by regulating agencies.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 105

COMMENT: Each site sampled one time.

NUMBER OF SAMPLING SITES: 105

COMMENT:

NUMBER OF PARAMETERS: 50

COMMENT: Approximately 50 parameters.

Colorado Geological Survey (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Excel Spreadsheet; Microsoft Access database.
COMMENTS: Capture of digital locations is not yet complete.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude - longitude
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: 1999 **DATA SET END:** 2000 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** Yes
COMMENT:
SAMPLING TO ENTRY LAG: 1 year, approximately

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Report is available on CD-ROM from CGS titled "Naturally Degraded Surface Water Associated with Hydrothermally Altered Terrane in Colorado" (OFR-00-16). For digital data contact Matt Sares of the Colorado Geological Survey. Report on CD-ROM costs \$15.00. Data only, is available at no charge.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 7/18/01

INFORMATION PROVIDED BY: Matt Sares

ADDITIONAL NOTES: Data is predominately from headwater areas and includes springs, seeps, streams, and some associated wetlands. Samples were collected upstream of any significant human-induced impact to water quality.

Colorado Geological Survey (2)

CONTACT INFORMATION

ORGANIZATION: CDNR\DMG\Colorado Geological Survey
PROGRAM: Water Quality Data Program
CONTACT: Matt Sares
TITLE: Program Geologist
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
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: US Forest Service Abandoned Mine Land Inventory

GEOGRAPHIC COVERAGE: U.S. Forest Service lands in Colorado.

COUNTIES: Boulder, Chaffee, Clear Creek, Conejos, Custer, Dolores, Eagle, Gunnison, Hinsdale, Huerfano\“c”, La Plata, Lake, Larimer\“c”, Mineral, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller

WATERSHED: Statewide

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 a scientific information gathering agency.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: 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.

NUMBER OF 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 (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: 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). Radiological data only at selected sites.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Access 97 database, on desktop personal computer.
ArcView

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes

COMMENTS: Latitude-longitude or Universal Transverse Mercator (UTM).

DATA UPLOADED TO STORET: No

DATA SET BEGIN: 1991 **DATA SET END:** 1998 **TO PRESENT:** No

COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** Yes

COMMENT: Most samples are one-time event.

SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Land management agencies, local landowners.

DATE OF SURVEY: 6/20/01

INFORMATION PROVIDED BY: Matt Sares

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

Colorado Geological Survey (3)

CONTACT INFORMATION

ORGANIZATION: CDNR\DMG\Colorado Geological Survey
PROGRAM: UST\Environmental Site Assessment Program
CONTACT: Ralf Topper
TITLE: Geologist/Hydrologist
PHYSICAL ADDRESS: 1313 Sherman Street, 715
Denver, CO 80203
MAILING ADDRESS (if different):
PHONE: (303) 866-2167 **ext:** **FAX:** (303) 866-2174
EMAIL: ralf.topper@state.co.us
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Underground Storage Tank Water Quality Database
GEOGRAPHIC COVERAGE: Statewide
COUNTIES: Statewide
WATERSHED: 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.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF 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 (3) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Toxicity Characteristic Leaching Procedure.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Hardware: desktop computer. Software: MS Access.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1989 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Approximately 1 year.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: CGS provides the data free of charge.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 7/18/01

INFORMATION PROVIDED BY: Matt Sares

ADDITIONAL NOTES:

Colorado Hazardous Materials and Waste Management Division

CONTACT INFORMATION

ORGANIZATION: CDPHE\Hazardous Materials and Waste Management Division

PROGRAM:

CONTACT: Candace Thompson

TITLE: Manager, Scientific Data and GIS

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: SAMS (Site Analysis Management System)

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: 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: 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 Remedial Action (UMTRA); Uranium Special Projects, Solid Waste, and Federal Facilities regulations.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** Yes
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Numerous. Regulated facility managers, consultants, U.S. EPA, and laboratories.

NUMBER OF SAMPLING EVENTS: 10000

COMMENT: Approximate

NUMBER OF SAMPLING SITES: 1500

COMMENT: Approximate

NUMBER OF PARAMETERS: 2000

COMMENT: Approximate.

Colorado Hazardous Materials and Waste Management Division (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Water-well characteristics.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Software: Equis by Earthsoft.
COMMENTS: Communication with the Unix is over the existing LAN infrastructure. ArcView and Arc INFO are linked currently to the database. Groundwater Modeling System (GMS) a graphical groundwater package models the movement and degradation of contaminants over time.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Universal Transverse Mercator (UTM)-North American Datum 1983
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1995 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 6 months

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Send a request to the Records Center. HMWMD will charge \$75/hour for query and retrieval time plus media costs. HMWMD will provide data only in the format maintained.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 5/2/01

INFORMATION PROVIDED BY: Candy Thompson

ADDITIONAL NOTES:

Colorado Oil and Gas Conservation Commission

CONTACT INFORMATION

ORGANIZATION: CDNR/Oil and Gas Conservation Commission

PROGRAM:

CONTACT: Debbie Baldwin

TITLE: Environmental Supervisor

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

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

GEOGRAPHIC COVERAGE: LaPlata County is digital. Intermittent coverage for water wells of several areas in Las Animas, Garfield, Weld County, Washington County, Cheyenne County, Baca County, Kiowa County. Produced water data for entire state.

COUNTIES: Baca, Cheyenne, Garfield, Kiowa, La Plata, Las Animas, Washington, Weld

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Miscellaneous analysis submitted by oil and gas operators produced water data and ground water remediation data. Water Quality Control Division, Colorado Department of Public Health and Environment. Various county health departments.

NUMBER OF SAMPLING EVENTS: 1291

COMMENT: Includes water wells only. Approximate. Generally, only one sample is taken from most sites.

NUMBER OF SAMPLING SITES: 692

COMMENT: Approximate

NUMBER OF PARAMETERS:

COMMENT: Variable, sample specific.

Colorado Oil and Gas Conservation Commission (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Access
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Available for some locations.
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1971 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Make written request for electronic data, and visit public room and copy for hardcopy. Conditions: COGCC does not have a system in place enabling public access to the data other than looking at the hardcopy files. New computer system should improve access to digital as well as hard copy data within the next two years.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Landowners, operators, COGCC staff and other regulators.

DATE OF SURVEY: 6/8/01

INFORMATION PROVIDED BY: Debbie Baldwin

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

Colorado Soil Conservation Board

CONTACT INFORMATION

ORGANIZATION: CDAg\Soil Conservation Board
PROGRAM: Southwest Colorado CWA Sec. 208, 1979 - 80
CONTACT: Bob Zebroski
TITLE: Director
PHYSICAL ADDRESS: 1313 Sherman Street, 219
Denver, CO 80203
MAILING ADDRESS (if different):
PHONE: (303) 866-3351 **ext:** 2545 **FAX:** (303) 832-8106
EMAIL: robert.zebrowski@ag.state.co.us
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Southwest Colorado Clean Water Act, Section 208 Data, 1979 - 80
GEOGRAPHIC COVERAGE: Arkansas River, Cherry Creek, Fountain Creek, Grandview, Mancos River Valley, Tongue Creek
COUNTIES: Statewide
WATERSHED: Statewide
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDIATION: 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.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
 GROUND WATER: No
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Tests conducted vary for each location.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1980 **DATA SET END:** 1998 **TO PRESENT:** No
COMMENT: Varies for each location.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: All data for previous years.
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Soil Conservation Board.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Planners, water quality specialists.

DATE OF SURVEY: 6/11/01

INFORMATION PROVIDED BY: Bob Zebroski

ADDITIONAL NOTES:

Colorado State University (2)

CONTACT INFORMATION

ORGANIZATION: Colorado State University\Cooperative Extension\Tri-River Area\Montrose Extension Office

PROGRAM: North Fork Volunteer Water Quality Monitoring

CONTACT: Karla Brown

TITLE: CSU Extension Water Quality Specialist

PHYSICAL ADDRESS: 1001 N. 2nd Street
Montrose, CO 81401

MAILING ADDRESS (if different):

PHONE: (970) 249-3935 **ext:** **FAX:** (970) 249-7876

EMAIL: kbrown@coop.ext.colostate.edu

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: North Fork of Gunnison River

GEOGRAPHIC COVERAGE: North Fork of Gunnison Watershed

COUNTIES: Delta, Gunnison

WATERSHED: Gunnison River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: This data is collected by volunteers, subject to independent QA/QC and made available to all interested parties. These parties may then use the data for any of the above purposes.

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: Yes LAKES/RESERVOIRS: No WETLANDS: No
GROUND WATER: No

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Monthly data (occasionally bi-monthly) starting in April 2001 to present.

NUMBER OF SAMPLING SITES: 7

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Metals, field parameters, nutrients, total coliform, e. coli

Colorado State University (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-longitude
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: 2001 **DATA SET END:** TO PRESENT: Yes
COMMENT: April 2001 start.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Total coliform, e. coli >1 X per month.
SAMPLING TO ENTRY LAG: 6 months

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No
HOW TO GET DATA, CONDITIONS, COST: Contact Karla Brown. No cost.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Local interests in the North Fork valley of Western Colorado.
DATE OF SURVEY: 8/20/01
INFORMATION PROVIDED BY: Karla Brown
ADDITIONAL NOTES:

Colorado Water Quality Control Division (3)

CONTACT INFORMATION

ORGANIZATION: CDPHE\Water Quality Control Division\Assessment Unit
PROGRAM: Agricultural Chemicals Program
CONTACT: Bradford Austin
TITLE: Senior Groundwater Specialist
PHYSICAL ADDRESS: 4300 Cherry Creek Drive South, WQCD
Denver, CO 802461530
MAILING ADDRESS (if different):
PHONE: (303) 692-3572 **ext:** **FAX:** (303) 782-0390
EMAIL: brad.austin@state.co.us
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Ag Chemicals

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: SB 90-126, CRS 25-8-205.5(3)(b) Agricultural Chemicals and Groundwater Protection

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 1400

COMMENT:

NUMBER OF SAMPLING SITES: 785

COMMENT:

NUMBER OF PARAMETERS: 100

COMMENT:

Colorado Water Quality Control Division (3) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Well data.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: MS Excel, Access, dBASE IV
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1989 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** Yes
COMMENT: Annual for some, 1 time for some.
SAMPLING TO ENTRY LAG: 6 months

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Contact Bradford Austin. Scheduled for publication late 2001-2002 until then only if involved in cooperative project with this program.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS: yes in 2002

DATA BENEFICIARIES:

DATE OF SURVEY: 5/23/01

INFORMATION PROVIDED BY: Bradford Austin

ADDITIONAL NOTES:

Colorado Water Quality Control Division (4)

CONTACT INFORMATION

ORGANIZATION: CDPHE\Water Quality Control Division\Watershed Section\Assessment Unit

PROGRAM: QUALDAT Program

CONTACT: Arne Sjodin

TITLE: QUALDAT Manager

PHYSICAL ADDRESS: 4300 Cherry Creek Drive South

Denver, CO 80246

MAILING

ADDRESS (if different):

PHONE: (303) 692-3522

ext:

FAX: (303) 782-0390

EMAIL: arne.sjodin@state.co.us

NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: QUALDAT

GEOGRAPHIC COVERAGE: Statewide. All aquifers located within state.

COUNTIES: Statewide

WATERSHED: Statewide

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: 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.

NUMBER OF SAMPLING EVENTS: 18500

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 (4) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: 'Other data elements' include for example well construction, depth, screen, sample date and time, agency collecting, agency reporting, laboratory information, quality assurance rating.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

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.

COMMENTS: Some sites have Latitude-Longitude information

DIGITAL MAP COORDINATES FOR SAMPLE SITES: No

COMMENTS: Township - Range

DATA UPLOADED TO STORET: No

DATA SET BEGIN: 1950 **DATA SET END:** TO PRESENT: Yes

COMMENT: Most data is early 1970s to present. Some data is 1950s to present.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes

CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No

COMMENT:

SAMPLING TO ENTRY LAG: Varies. Most approximately within 1 month of receipt. Maximum delay is 3 months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 7/12/01

INFORMATION PROVIDED BY: Arne Sjodin

ADDITIONAL NOTES: No data has been added since 1998. Future plans include the migration of WQCD data to the new STORET where possible.

Colorado Water Quality Control Division (5)

CONTACT INFORMATION

ORGANIZATION: CDPHE\Water Quality Control Division\Watershed Section\Assessment Unit

PROGRAM:

CONTACT: Arne Sjodin

TITLE: Professional Engineer

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) 692-3522

ext:

FAX: (303) 782-0390

EMAIL: arne.sjodin@state.co.us

NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: STORET

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: 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: 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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** Yes
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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 (5) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

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: Running in an Oracle environment on a server.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-longitude
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: 1972 **DATA SET END:** TO PRESENT: Yes
COMMENT: Some data is older.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Most, approximately within 1 month of receipt of data.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Go to the EPA STORET website. No cost.
AVAILABLE ON INTERNET: Yes
WORLD WIDE WEB MONITORING DATA ADDRESS: www.epa.gov/storet
WORLD WIDE WEB METADATA ADDRESS: www.epa.gov/storet

DATA BENEFICIARIES:

DATE OF SURVEY: 7/12/01

INFORMATION PROVIDED BY: Arne Sjodin

ADDITIONAL NOTES:

Custer County, Colorado

CONTACT INFORMATION

ORGANIZATION: Custer County\Administrator's Office

PROGRAM:

CONTACT: Rick Ferron

TITLE: County Administrator

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:

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Custer County Landfill Monitoring Data

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.

COUNTIES: Custer

WATERSHED: Grape River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES: Regulatory compliance.

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

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Other elements: VOCs

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1994 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Four samples per year required for 2 years, then 2 per year.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** Yes **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 2/25/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Denver Regional Council of Governments

CONTACT INFORMATION

ORGANIZATION: Denver Regional Council of Governments
PROGRAM:
CONTACT: Russ Clayshulte
TITLE: Principal Water Resources Planner
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:
NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: DRCOG Water Quality Data
GEOGRAPHIC COVERAGE: DRCOG six counties, i.e., Denver, Boulder, Adams, Arapahoe, Jefferson, and Gilpin.
COUNTIES: Adams, Arapahoe, Boulder, Denver, Jefferson, Gilpin
WATERSHED: South Platte River
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
TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
 GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes
COMMENT ON SECONDARY SOURCES: 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.
NUMBER OF 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.

Denver Regional Council of Governments (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: Maintains metadata only for samples developed by permitted facilities, including approximately 115 domestic wastewater and 250 industrial facilities.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** Yes **MICROFICHE:** No **OTHER:** Yes
COMMENT: Data is in a variety of hardcopy formats.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS: Data is maintained in a variety of hardware and software.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1976 **DATA SET END:** TO PRESENT: Yes
COMMENT: Data coverage fragmented 1976 to 1986. Better coverage begins in 1986.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Data is entered when it is obtained.

AVAILABILITY OF DATA: **PUBLIC:** Yes **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.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/11/97

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Denver Water

CONTACT INFORMATION

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

PROGRAM:

CONTACT: Steve Lohman

TITLE: Manager

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Denver Water Quality Data

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.

COUNTIES: Arapahoe, Clear Creek, Douglas, Gilpin, Grand, Jefferson, Park, Summit, Teller

WATERSHED: South Platte River

ACTIVITIES SUPPORTED:

RESEARCH: Yes **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** Yes

REMEDIATION: 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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Other data elements: detection limits, reporting limits, quality control data. Extensive amount of quality control data. Limited amount of protocol, and other metadata.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

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: Labware
COMMENTS: Upgrading in 1998 to a commercially available Windows environment.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1991 **DATA SET END:** TO PRESENT: Yes
COMMENT: Data from 1986 to 1991 is archived.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 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 **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.

AVAILABLE ON INTERNET: Yes

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 8/16/01

INFORMATION PROVIDED BY: Steve Lohman

ADDITIONAL NOTES:

Evergreen Metropolitan District/Water Plant

CONTACT INFORMATION

ORGANIZATION: Evergreen Metropolitan District\Water Plant
PROGRAM:
CONTACT: Garry Jeffrey
TITLE: Water Plant Supervisor
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: emd@rm.net

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Evergreen Metro Raw Water Data

GEOGRAPHIC COVERAGE: Evergreen Lake

COUNTIES: Jefferson

WATERSHED: Clear Creek

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 12045

COMMENT: Sample daily since construction of plant in 1965.

NUMBER OF SAMPLING SITES: 2

COMMENT: 1. Sample site daily on dam side of lake. 2. Sample weekly on creek influent side of lake.

NUMBER OF PARAMETERS: 14

COMMENT: Adjustment of chemical dosing depends on test results.

Evergreen Metropolitan District/Water Plant (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Excel
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1965 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: Yes **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 1 to 5 minutes.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Call or request, data during visit. No cost. Call Garry Jeffrey, make request, and they will fax, mail, or set aside for pick-up.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Other treatment facilities downstream. Pollution control.

DATE OF SURVEY: 6/12/01

INFORMATION PROVIDED BY: Garry Jeffrey

ADDITIONAL NOTES:

Grand County, Colorado

CONTACT INFORMATION

ORGANIZATION: Grand County
PROGRAM: Ground and Surface Water Quality Assessment ...
CONTACT: William Gray
TITLE: Director of Planning and Zoning
PHYSICAL ADDRESS: Courthouse
Hot Sulphur Springs, CO 80451
MAILING ADDRESS (if different): P.O. Box 239
Hot Sulphur Springs, CO 80451
PHONE: (970) 725-3347 **ext:** **FAX:** (970) 725-3303
EMAIL: bgrayeco.grand.co.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Waste Water/Water

GEOGRAPHIC COVERAGE: Grand County

COUNTIES: Grand

WATERSHED: Colorado River

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: Assess effects of ISDS on ground water supplies, water wells in the aquifer, and impacts of development on surface water.

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: Yes LAKES/RESERVOIRS: No WETLANDS: No
GROUND WATER: Yes

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES: 20

COMMENT:

NUMBER OF PARAMETERS: 30

COMMENT:

Grand County, Colorado (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: DATA SET END: TO PRESENT: No
COMMENT: USGS: 1996 to present. Grand County: 1999 to present. New development in Grand County enters into a water quality/ww assessment . Requires annual reporting of ISDS operation and monitoring of GW in some cases, based on hydrologic characteristics.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: USGS reporting samples variously.
SAMPLING TO ENTRY LAG: 12 months

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Verbal or written request. Costs: NA Conditions: Dataset needs developed. Information is being collected.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Local government, development, community, special interest groups.

DATE OF SURVEY: 7/16/01

INFORMATION PROVIDED BY: William E. Gray

ADDITIONAL NOTES:

HRS Water Consultants

CONTACT INFORMATION

ORGANIZATION: HRS Water Consultants

PROGRAM:

CONTACT: Bob Tafelski

TITLE: President

PHYSICAL ADDRESS: 8885 W. 14th Ave
Lakewood, CO 80215

MAILING ADDRESS (if different):

PHONE: 3039989283 **ext:** **FAX:** (303) 462-3030

EMAIL: HRSWater@AOL.com

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Various Clients

GEOGRAPHIC COVERAGE: Denver Metro

COUNTIES: Adams, Arapahoe, Boulder, Denver, Douglas, Jefferson

WATERSHED: South Platte River

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: Water supply

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Numerous water and sanitation districts.

NUMBER OF SAMPLING EVENTS:

COMMENT: 1-15 years, 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Some have all of the above, some have various combinations of the above.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: dBase, Quattro Pro spreadsheets, PCs
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1981 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 1 month

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** Yes

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 5/23/01

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES: The water quality information that we have is property of numerous water and sanitation districts. We are not at liberty to release this data. However, each district has copies of the information and it is for the most part public information.

Jackson County Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Jackson County Water Conservancy District

PROGRAM:

CONTACT: Kent Crowder

TITLE: President, Jackson County Water Conservancy District

PHYSICAL ADDRESS: 404 4th Street, P.O. Box 1019
Walden, CO 80480

MAILING ADDRESS (if different):

PHONE: 9707234660 **ext:** **FAX:** (970) 723-4706

EMAIL: colo.jacksonadm@aol.com

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: 319 Water Quality Monitoring Data

GEOGRAPHIC COVERAGE: Jackson County

COUNTIES: Jackson

WATERSHED: North Platte River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Water quality monitoring under the Clean Water Act.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 3

COMMENT:

NUMBER OF SAMPLING SITES: 30

COMMENT:

NUMBER OF PARAMETERS: 24

COMMENT:

Jackson County Water Conservancy District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: Macrobiological -- some sites.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel, ArcCAD v. 14, AutoCAD v 14., ArcView 3.2, IBM PC,
HP 750 Plotter, HP 1200 Printer, CTCO digitizer
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: State Plane Coordinates
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 2000 **DATA SET END:** 2001 **TO PRESENT:** No
COMMENT: Started May 2000, ended May 2001

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 3 months

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Kent Crowder, President of the Jackson County Water
Conservancy District. To be determined by the District. Costs are
unknown at this time.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Water users.
DATE OF SURVEY: 6/26/01
INFORMATION PROVIDED BY: Kent Crowder
ADDITIONAL NOTES:

Leonard Rice Consulting Water Engineers Inc. (1)

CONTACT INFORMATION

ORGANIZATION: Leonard Rice Consulting Water Engineers Inc.

PROGRAM:

CONTACT: Carolyn McCants

TITLE:

PHYSICAL ADDRESS: 2000 Clay Street, 300

Denver, CO 80211

MAILING

ADDRESS (if different):

PHONE: 3034559589

ext:

FAX: (303) 435-0115

EMAIL:

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Upper Clear Creek Watershed Advisory Group data set.

GEOGRAPHIC COVERAGE: Clear Creek watershed

COUNTIES: Clear Creek, Gilpin, Jefferson

WATERSHED: Clear Creek

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS:

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: Various sources

NUMBER OF SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS:

COMMENT:

Leonard Rice Consulting Water Engineers Inc. (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Includes Superfund metals monitoring, streamflow monitoring, wastewater discharge data, nutrient monitoring, and fishery data.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: **DATA SET END:** **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST:
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/7/01

INFORMATION PROVIDED BY: Carolyn McCants

ADDITIONAL NOTES: Leonard Rice Engineers inherited data collected by the Upper Clear Creek Watershed Advisory Group from 1994 to 2001. The data is from various sources and includes Superfund metals monitoring, streamflow monitoring, wastewater discharge data, nutrient monitoring, and fishery data. In addition to regularly reported data, there are numerous one-time reports. The total collection exceeds 200 reports and is available to the public. For details about collection content, contact Bob Jones (303/567-4324). For details about photocopies of specific data, contact Carolyn McCants or Katie Fendel (303/455-0589).

Leonard Rice Consulting Water Engineers Inc. (2)

CONTACT INFORMATION

ORGANIZATION: Leonard Rice Consulting Water Engineers Inc.

PROGRAM:

CONTACT: Gregg Ten Eyke

TITLE: President

PHYSICAL ADDRESS: 2000 Clay Street, 300
Denver, CO 802115119

MAILING ADDRESS (if different):

PHONE: 3034559589 **ext:** **FAX:** (303) 455-0115

EMAIL:

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Clear Creek Water Quality Samples

GEOGRAPHIC COVERAGE: Clear Creek at the Black Hawk Hidden Valley Water Treatment Plant, and North Clear Creek near Black Hawk

COUNTIES: Clear Creek, Gilpin

WATERSHED: Clear 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:

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 144

COMMENT: Approximate

NUMBER OF SAMPLING SITES: 6

COMMENT: One site at the Hidden Valley exit on I-70; 4 sites on North Clear Creek at the Black Hawk-Central City Wastewater Treatment Plant; one site at the City of Black Hawk North Clear Creek Infiltration Plant

NUMBER OF PARAMETERS: 38

COMMENT: Varies between bi-weekly, monthly, and quarterly sampling events. Sampled for 38 parameters between April-December 1998. Sampled for 4 to 15 parameters on monthly and quarterly events.

Leonard Rice Consulting Water Engineers Inc. (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Alkalinity, Aluminum (total/dissolved), Ammonia, Arsenic, Bicarbonate, Cadmium, Carbonate, Chloride, Chromium, Copper, Hardness, Iron (total/dissolved), Langlier Index, Lead, Magnesium, Manganese (total/dissolved), Nickel, Nitrate/Nitrite, Ortho-phosphorous (total/dissolved), Phosphorous (total/dissolved), pH, Potassium (dissolved), Sodium (total), Specific Conductance, Sulfate, TDS, TSS, Total Kjeldahl Nitrogen, Total Organic Carbon, UV254, Trihalomethane (EPA method 510.1), Turbidity, Volatile Organics GC/MS (EPA method 510.1), Zinc

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1998 **DATA SET END:** 2000 **TO PRESENT:** No
COMMENT: April 1998 to October 2000

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Bi-weekly, monthly, quarterly.
SAMPLING TO ENTRY LAG: Two weeks to a month.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact City of Black Hawk Water Department. Costs -- for copying.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 5/24/01

INFORMATION PROVIDED BY: Heather Justus

Leonard Rice Consulting Water Engineers Inc. (2) (continued)

ADDITIONAL NOTES: The following describes the dataset and sampling locations.

* Sample locations and formats: (Dot on a map). The map is embedded. The Sampling locations are as follows:

One site at the Hidden Valley exit on 70.

* Four sites on North Clear Creek at the Black Hawk - Central City Wastewater Treatment Plant.

* One site at the City of Black Hawk North Clear Creek infiltration Plant.

* Duration of sampling and frequency of sampling:

* Hidden Valley Site: from April 1998 December 1998, approximately every two weeks; from January 1999- October 2000, approximately once a month

* City of Black Hawk North Clear Creek Infiltration Plant: from April 1998 - December 1998, approximately every two weeks.

* North Clear Creek at the Black Hawk - Central City Wastewater Treatment Plant (WWTP):

Effluent: from April 1998-December 1998, approximately every two weeks;

From January 1999 - October 2000, approximately once a month.

Just below the WWTP : from April 1998 - December 1998, Approximately every two weeks.

* Downstream of the WWTP: August 1998- December 1998, approximately every two weeks.

* Above the WWTP: from April 1998 -December 1998, approximately every two weeks.

* Parameters: organics, metals, nutrients, major ions, and hardness.

Lower South Platte Water Conservancy District (1)

CONTACT INFORMATION

ORGANIZATION: Lower South Platte Water Conservancy District
PROGRAM: Water Conservation
CONTACT: Bob Schott
TITLE: Manager
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
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Dedicated Monitoring Wells
GEOGRAPHIC COVERAGE: South Platte River Valley starting northwest of Fort Morgan and extending to the state line near Julesburg.
COUNTIES: Logan, Morgan, Sedgwick, Washington
WATERSHED: South Platte River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDIATION: 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.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS: 525
COMMENT: 525 is approximate
NUMBER OF SAMPLING SITES: 15
COMMENT:
NUMBER OF PARAMETERS: 6
COMMENT:

Lower South Platte Water Conservancy District (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Other data elements: electric conductivity, total dissolved solids, pH, and Nitrate-N.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1994 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: It took approximately 1 week.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Anyone interested in ground water quality

DATE OF SURVEY: 6/12/01

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Lower South Platte Water Conservancy District (2)

CONTACT INFORMATION

ORGANIZATION: Lower South Platte Water Conservancy District
PROGRAM: Water Conservation
CONTACT: Bob Schott
TITLE: Manager
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
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Irrigation Wells
GEOGRAPHIC COVERAGE: South Platte Valley starting northwest of Fort Morgan and extending to the state line near Julesburg, CO.
COUNTIES: Logan, Morgan, Sedgwick, Washington
WATERSHED: South Platte River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDIATION: No **MONITORING:** No **PUBLIC INFORMATION:** No **OTHER:** Yes
COMMENT ON ACTIVITIES: Farmer/land owner information
LEGAL BASIS:
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS: 1050
COMMENT: Approximate
NUMBER OF SAMPLING SITES: 91
COMMENT:
NUMBER OF PARAMETERS: 6
COMMENT:

Lower South Platte Water Conservancy District (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Electric conductivity, total dissolved solids, pH, and Nitrate-N

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1991 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: One week, until project was completed.

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

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

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Anyone interested in ground water quality.

DATE OF SURVEY: 6/12/01

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Metropolitan Wastewater Reclamation District

CONTACT INFORMATION

ORGANIZATION: Metropolitan Wastewater Reclamation District\Water Quality Division

PROGRAM: Laboratory Services

CONTACT: Jim Dorsch

TITLE: Water Quality Specialist

PHYSICAL ADDRESS: 6450 York Street
Denver, CO 802297499

MAILING ADDRESS (if different):

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

EMAIL:

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Metro Wastewater Reclamation District

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

COUNTIES: Adams, Arapahoe, Denver, Douglas, Jefferson

WATERSHED: South Platte River

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.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 330700

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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Other data elements are 'intermediate tests'.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **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.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1987 **DATA SET END:** TO PRESENT: Yes
COMMENT: 1/19/87 to present (on LIMS). Older data is hardcopy and archived.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: Yes **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Depends on date, samples, and analyses.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact MWRD Laboratory Services. Cost is function of request and time to process.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/19/97

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Natural Resources Conservation Service

CONTACT INFORMATION

ORGANIZATION: USDA\Natural Resources Conservation Service (with CSU Cooperative Extension Service)

PROGRAM: San Luis Valley Water Quality Demonstration Program

CONTACT: Steve Russell

TITLE: Water Quality/Agronomy Specialist

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: slvwgdp@coop.ext.colstate.edu

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

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

GEOGRAPHIC COVERAGE: San Luis Valley of Colorado

COUNTIES: Alamosa, Conejos, Costilla, Rio Grande, Saguache

WATERSHED: Rio Grande River

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.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 220

COMMENT: Approximate. 1 for each site with a subset of 3. Samples were taken from each site one time during the month of June. A smaller set of 5 to 10 sites was sampled in May, June, July, and August.

NUMBER OF SAMPLING SITES: 120

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

NUMBER OF PARAMETERS:

COMMENT: No response given.

Natural Resources Conservation Service (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Nitrates

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: MS Excel and ArcView.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: **DATA SET END:** **TO PRESENT:** No
COMMENT: Response for time coverage was not provided. Samples were taken from each site one time during the month of June. A smaller set of 5 to 10 sites was sampled in May, June, July, and August.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 3 months

AVAILABILITY OF DATA: **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.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/15/01

INFORMATION PROVIDED BY: Steve Russell

ADDITIONAL NOTES:

North Front Range Water Quality Planning Association

CONTACT INFORMATION

ORGANIZATION: North Front Range Water Quality Planning Association
PROGRAM: CWA Sec. 208 Program
CONTACT: David DuBois
TITLE: Manager
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

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Groundwater Quality: Larimer and Weld Counties

GEOGRAPHIC COVERAGE: Larimer and Weld Counties

COUNTIES: Larimer, Weld
WATERSHED: South Platte River

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.

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: No STREAMS: No LAKES/RESERVOIRS: No WETLANDS: No
GROUND WATER: Yes

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 2450

COMMENT: Respondent answered 5 sampling events, and 490 sampling sites. Assume 5 events per each of 490 sites for 2450 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1989 **DATA SET END:** 1993 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** Yes
COMMENT:
SAMPLING TO ENTRY LAG: Not applicable as this is not an ongoing program. Generally one-time sampling except for seasonally in 1991.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact NFRWQPA. Data available for minimal cost.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Public policy or regulatory entities, land owners.

DATE OF SURVEY: 6/14/01

INFORMATION PROVIDED BY: Dave DuBois

ADDITIONAL NOTES:

Northern Colorado Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Northern Colorado Water Conservancy District
PROGRAM:
CONTACT: Don Carlson
TITLE: Senior Engineer, Environmental Affairs
PHYSICAL ADDRESS: 1250 N. Wilson
Loveland, CO 80539
MAILING ADDRESS (if different): P. O. Box 679
Loveland, CO 80539
PHONE: (970) 667-2437 **ext:** **FAX:** (970) 663-6907
EMAIL: dcarlson@ncwcd.org

NUMBER OF DATA SETS MANAGED: 3

DATABASE DESCRIPTION

DATA SET: West Slope and East Slope Colorado-Big Thompson(C-BT) and Windy Gap

GEOGRAPHIC COVERAGE: Grand County and parts of Larimer and Boulder Counties

COUNTIES: Boulder, Grand, Larimer

WATERSHED: South Platte River

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: Our main purpose is to understand any impact of our operations on water quality of east slope receiving streams.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: USGS, Greg O'Neill

NUMBER OF SAMPLING EVENTS: 1000

COMMENT:

NUMBER OF SAMPLING SITES: 25

COMMENT:

NUMBER OF PARAMETERS: 25

COMMENT: Varies year to year and sample to sample.

Northern Colorado Water Conservancy District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel and Access
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude - Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1985 **DATA SET END:** 2001 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Couple of months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Call. No costs.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 5/25/01

INFORMATION PROVIDED BY: Don Carlson

ADDITIONAL NOTES:

Pikes Peak Area Council of Governments

CONTACT INFORMATION

ORGANIZATION: Pikes Peak Area Council of Governments
PROGRAM: Environmental Program Department
CONTACT: Rich Muzzy
TITLE: Environmental Program Manager
PHYSICAL ADDRESS: 15 South 7th Street
Colorado Springs, CO 80905
MAILING ADDRESS (if different):
PHONE: (719) 471-7080 **ext:** 109 **FAX:** (719) 471-1226
EMAIL: rmuzzy@pcisys.net
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Pikes Peak Area Council of Governments (PPACOG) Water Quality Data
GEOGRAPHIC COVERAGE: Park, El Paso, Teller, and parts of Pueblo counties.
COUNTIES: El Paso, Park, Pueblo, Teller
WATERSHED: Arkansas River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDATION: No **MONITORING:** No **PUBLIC INFORMATION:** Yes **OTHER:** No
COMMENT ON ACTIVITIES:
LEGAL BASIS: To comply with Section 208 of the Clean Water Act -- Development of the 208 Plan for El Paso, Teller, and Park counties.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** No **SECONDARY SOURCE:** Yes
COMMENT ON SECONDARY SOURCES: Colorado Springs Utilities - Water Quality Monitoring Data
City of Colorado Springs - NPDES Phase I Testing
United States Geological Survey - Water Quality Stream Gauging Stations
DPHE/Water Quality Control Division - Water Quality Monitoring Data
United States Forest Service - Water Quality Monitoring Data
City of Aurora - Water Quality Monitoring Data
Colorado Division of Wildlife - Water Quality Monitoring Data
NUMBER OF SAMPLING EVENTS:
COMMENT: Sampling is usually conducted on a quarterly and semi-annual basis
NUMBER OF SAMPLING SITES: 70
COMMENT: This includes USGS gauging stations
NUMBER OF PARAMETERS:
COMMENT:

Pikes Peak Area Council of Governments (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel and Access
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude - Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1990 **DATA SET END:** 2000 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Contractor scheduled to deliver data 4/98. 208 plan required to be developed annually.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Rich Muzzy at 719-471-080 X109. Cost depends on amount of information and data requested - typically free for data in a digital format and hardcopy costs \$0.50/page.

AVAILABLE ON INTERNET: Yes
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/26/01
INFORMATION PROVIDED BY: Rich Muzzy
ADDITIONAL NOTES:

Pine Brook Water District

CONTACT INFORMATION

ORGANIZATION: Pine Brook Water District

PROGRAM:

CONTACT: Bob deHaas

TITLE: District Manager

PHYSICAL

ADDRESS: Boulder, CO

MAILING 1903 Linden Drive

ADDRESS (if different): Boulder, CO 80304-0426

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

EMAIL: pbwater@concentric.net

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Four Mile Creek Data

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

COUNTIES: Boulder

WATERSHED: Four Mile Creek, Boulder Creek

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES: Treatment of water for drinking water purposes.

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

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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 ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1995 **DATA SET END:** 1995 **TO PRESENT:** Yes
COMMENT: Biological data is developed annually. Other is 1995 only.

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Function of how backed up the laboratory is. Not more than 6 weeks.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact District. No policy for charging costs at this point in time.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY:

INFORMATION PROVIDED BY:

ADDITIONAL NOTES:

Saint Charles Mesa Water District

CONTACT INFORMATION

ORGANIZATION: Saint Charles Mesa Water District
PROGRAM: Water Treatment\Laboratory
CONTACT: David K. Simpson
TITLE: Manager
PHYSICAL ADDRESS: 1397 Aspen Road
Pueblo, CO 81006
MAILING ADDRESS (if different):
PHONE: (719) 542-4380 **ext:** **FAX:** (719) 542-4862
EMAIL:
NUMBER OF DATA SETS MANAGED: 5

DATABASE DESCRIPTION

DATA SET: St. Charles Mesa Water District
GEOGRAPHIC COVERAGE: At inlet to storage reservoir and at water treatment plant intake. Reservoir draws from Arkansas River downstream of Pueblo Reservoir.
COUNTIES: Pueblo
WATERSHED: Arkansas River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** No **PLANNING:** Yes **REGULATION:** Yes
REMEDIATION: 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 foresee 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.
TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
 GROUND WATER: Yes
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** Yes
COMMENT ON SECONDARY SOURCES: USGS, Pueblo District Office.
NUMBER OF 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 1966.
NUMBER OF SAMPLING SITES: 5
 COMMENT:
NUMBER OF PARAMETERS: 5
 COMMENT:

Saint Charles Mesa Water District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Water quality data varies over time period due to changes in Safe Drinking Water Act.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT: Lab reports -- originals.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1966 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Water quality data varies over time period due to changes in Safe Drinking Water Act.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: One month.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request it. Cost would depend on the quantity. There would be no cost for a one year set.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/8/01

INFORMATION PROVIDED BY: David Simpson

ADDITIONAL NOTES:

South Platte Coalition for Urban River Evaluation

CONTACT INFORMATION

ORGANIZATION: South Platte Coalition for Urban River Evaluation (SP\C.U.R.E.)

PROGRAM:

CONTACT: Cathy Shugarts

TITLE: Watershed Coordinator

PHYSICAL ADDRESS: 6450 York Street
Denver, CO 80229-7499

MAILING ADDRESS (if different):

PHONE: (303) 286-3084 **ext:** **FAX:** (303) 286-3029

EMAIL: SPCURE@earthlink.net

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Monitoring

GEOGRAPHIC COVERAGE: South Platte River segments 6c, 14, and 15 and tributaries (Bear Creek, Cherry Creek, Clear Creek, and Sand Creek at confluence with SPR).

COUNTIES: Adams, Arapahoe, Denver

WATERSHED: South Platte River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Regulation -- TMDLs. Monitoring - Trend monitoring activities.

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: Yes LAKES/RESERVOIRS: No WETLANDS: No
GROUND WATER: Yes

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 36

COMMENT:

NUMBER OF SAMPLING SITES: 26

COMMENT:

NUMBER OF PARAMETERS: 20

COMMENT:

South Platte Coalition for Urban River Evaluation (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Excel, Access software. Hardware is variable.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-longitude
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: 1998 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 6 months

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Check STORET website after November 2001.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 5/30/01

INFORMATION PROVIDED BY: Cathy Shugarts

ADDITIONAL NOTES:

U.S. Bureau of Land Management (1)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Land Management\Colorado State Office
PROGRAM: Abandoned Mine Program
CONTACT: Ed Rumbold
TITLE: State Hydrologist
PHYSICAL ADDRESS: 2850 Youngfield Street
Lakewood, CO 80215
MAILING ADDRESS (if different):
PHONE: (303) 239-3722 **ext:** **FAX:** (303) 239-3808
EMAIL: edward_rumbold@co.blm.gov
NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Abandoned Mine Program Water Quality Data
GEOGRAPHIC COVERAGE: Upper Animas River Basin above Silverton. Henson Creek area near Lake City.
COUNTIES: San Juan, Hinsdale
WATERSHED: Animas River, Gunnison River
ACTIVITIES SUPPORTED:
RESEARCH: No **POLICY MAKING:** Yes **PLANNING:** Yes **REGULATION:** No
REMEDIATION: Yes **MONITORING:** Yes **PUBLIC INFORMATION:** Yes **OTHER:** No
COMMENT ON ACTIVITIES:
LEGAL BASIS: Clean Water Act, Federal Lands Management Policy Act, CERCLA, RCRA
TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No
DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No
DATA SOURCE: **SAMPLING:** Yes **SECONDARY SOURCE:** No
COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS:
COMMENT: Varies from one time to multiple times for different sites.
NUMBER OF SAMPLING SITES: 24
COMMENT:
NUMBER OF PARAMETERS: 77
COMMENT:

U.S. Bureau of Land Management (1) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Other data elements: Time, date, BLM identifier, and comment field. Metadata is available from Bill Carey.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

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.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1994 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: Yes **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Bill Carey. No cost.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 2/17/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Bureau of Land Management (2)

CONTACT INFORMATION

ORGANIZATION: USDOIBureau of Land Management\Kremmling Resource Area

PROGRAM:

CONTACT: Paula Belcher

TITLE: Hydrologist

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Kremmling Resource Area

GEOGRAPHIC COVERAGE: Middle Park, North Park, selected public waters

COUNTIES: Grand, Jackson

WATERSHED: Colorado River

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 for management of public lands and specific NEPA compliance to monitor land actions. Subsequent monitoring varies in frequency, constituents tested, and stream segments sampled.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Variable

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: Variable

U.S. Bureau of Land Management (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: 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 STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS: 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.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1980 **DATA SET END:** 1997 **TO PRESENT:** No
COMMENT: Some stations only have 1 year of data. Others are for limited time periods.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:

SAMPLING TO ENTRY LAG: 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 **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Call or write requesting the data. Costs: mailing, and \$ 0.15 copy . Charge will be made for staff time if the request is large. A requestor can visit on site and access the files.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 4/24/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Bureau of Land Management (3)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Land Management\Montrose District Office\Gunnison Resource Area

PROGRAM: Soil, Water, Air

CONTACT: Dennis Murphy

TITLE: Hydrologist

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: BLM Montrose District Water Quality Data

GEOGRAPHIC COVERAGE: Montrose District, Southwest Colorado

COUNTIES: Delta, Gunnison, Montrose, Ouray, San Miguel

WATERSHED: Gunnison River, Dolores River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Clean Water Act and BLM policy

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 400

COMMENT:

NUMBER OF SAMPLING SITES: 80

COMMENT:

NUMBER OF PARAMETERS: 31

COMMENT:

U.S. Bureau of Land Management (3) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: Very cursory metadata.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1976 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 1 month. Sampling is completed usually during snowmelt and again during base flow.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact BLM Montrose District. Costs charged for copying.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 4/22/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Bureau of Land Management (4)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Land Management\Resources\Western Slope Center

PROGRAM: Soil, Water, Air

CONTACT: Jim Scheidt

TITLE: Hydrologist

PHYSICAL ADDRESS: 2815 H. Road, CO-600
Grand Junction, CO 81506

MAILING ADDRESS (if different):

PHONE: (970) 244-3075 **ext:** **FAX:** (970) 244-3083

EMAIL: jim_scheidt@co.blm.gov

NUMBER OF DATA SETS MANAGED: 4

DATABASE DESCRIPTION

DATA SET: Water Quality Benchmark Inventory

GEOGRAPHIC COVERAGE: Grand Junction and Glenwood Springs Field Office Areas

COUNTIES: Eagle, Garfield, Mesa, Pitkin

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

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: Yes LAKES/RESERVOIRS: No WETLANDS: Yes
GROUND WATER: No

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF 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

U.S. Bureau of Land Management (4) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Beginning to input metadata.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Much in dBase III+
COMMENTS: Some of these data are being input into GIS.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1980 **DATA SET END:** 1995 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: 3 months lag. Variable frequency: typically during a high and low flow period.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact Jim Scheidt. Costs for photocopying.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Anyone interested in a particular water source.

DATE OF SURVEY: 6/14/01

INFORMATION PROVIDED BY: Jim Scheidt

ADDITIONAL NOTES:

U.S. Bureau of Land Management (5)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Land Management\White River Field Office\Renewable Resources

PROGRAM: Soil, Water, Air

CONTACT: Carol Hollowed

TITLE: Hydrologist

PHYSICAL ADDRESS: 73544 Highway 64

Meeker, CO 81691

MAILING

ADDRESS (if different):

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

EMAIL: caroline.hollowed@co.blm.gov

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: SW Streams/Springs

GEOGRAPHIC COVERAGE: White River Field Office Public Land

COUNTIES: Garfield, Moffat, Rio Blanco

WATERSHED: White River

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: ?

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 1800

COMMENT: SW streams: 18 stations, roughly 300 samples. Springs: too many to count, roughly 1500.

NUMBER OF SAMPLING SITES:

COMMENT: See comment regarding sampling events.

NUMBER OF PARAMETERS:

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

U.S. Bureau of Land Management (5) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Data elements for SW streams only.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1980 **DATA SET END:** 1986 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: No response.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 8/13/01

INFORMATION PROVIDED BY: Carol Hollowed

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (2)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Denver Technical Center\Land Suitability & Water Quality

PROGRAM:

CONTACT: Stan Conway

TITLE: Manager, Land Suitability and Water Quality Group

PHYSICAL ADDRESS: 6th & Kipling, Building 67, Denver Federal Center, D-8570
Denver, CO 802250007

MAILING ADDRESS (if different): POB 25007, Denver Federal Center, D-8570
Denver, CO 80225-0007

PHONE: (303) 445-2463 **ext:** **FAX:** (303) 445-6351

EMAIL: sconway@do.usbr.gov

NUMBER OF DATA SETS MANAGED: 13

DATABASE DESCRIPTION

DATA SET: Animas-La Plata

GEOGRAPHIC COVERAGE: Animas River and La Plata River watersheds. Hydrologic Unit Codes (HUCs) 14080101, 14080102, 14080104, 14080105

COUNTIES: Archuleta, Hinsdale, La Plata, San Juan

WATERSHED: Animas River, La Plata River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: To construct a pumping plant on the Animas River in Durango, CO.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes

DATA FOR: **SURFACE WATER:** No **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Durango, CO Area Office, John Simons 970/385-6571, email
jsimons@uc.usbr.gov

NUMBER OF SAMPLING EVENTS:

COMMENT: Monthly. 12 year synopsis.

NUMBER OF SAMPLING SITES: 77

COMMENT: Some sites monthly, some sites quarterly, some randomly.

NUMBER OF PARAMETERS: 50

COMMENT: Not all sites are run for all parameters.

U.S. Bureau of Reclamation (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Lotus 123 V.5
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude-Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1989 **DATA SET END:** TO PRESENT: Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: One to three months.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Call Daryl G. Ciruli 303/445-2455 or Email dciruli@do.usbr.gov or
FAX 303/445-6351. Costs are pending.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Any agency interested in the water quality of the area.

DATE OF SURVEY: 5/2/01

INFORMATION PROVIDED BY: Daryl G. Ciruli

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (5)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Upper Colorado Region\Western Colorado Area Office\northern Division\Water Resources Group

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

PHYSICAL ADDRESS: 2764 Compass Drive
Grand Junction, CO 81506

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

PHONE: **ext:** **FAX:** (970) 248-0601

EMAIL: jozga@uc.usbr.gov

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Lower Gunnison Wells

GEOGRAPHIC COVERAGE: Lower Gunnison watershed.

COUNTIES: Delta, Mesa, Montrose

WATERSHED: Gunnison River

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Varies by well.

NUMBER OF SAMPLING SITES: 70

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

U.S. Bureau of Reclamation (5) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Text file.
COMMENTS: Must be read in specified format.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1978 **DATA SET END:** 1983 **TO PRESENT:** No
COMMENT: Coverage varies from well to well; maximum period appears to span July 78 to October 83.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** Yes
CONTINUOUS: Yes **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, diskette, search costs
(varies by nature of request).
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in the general chemistry characteristics of groundwater in the area.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (6)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office
PROGRAM:
CONTACT: John Ozga
TITLE: Hydraulic Engineer
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
NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Grand Valley Surface Water

GEOGRAPHIC COVERAGE: Grand Valley Area (Palisade to Mack).

COUNTIES: Mesa

WATERSHED: Colorado River

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Varies from site to site.

NUMBER OF SAMPLING SITES: 139

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

U.S. Bureau of Reclamation (6) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: dBase III, PC
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1973 **DATA SET END:** 1986 **TO PRESENT:** No
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).

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Sampling frequency varies from site to site as well as within a site's sampling history.
SAMPLING TO ENTRY LAG: Sampling program complete -- all results in file.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, diskette, search (varies by nature of request).
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in surface water quality characteristics of Grand Valley area.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (7)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office\Northern Division

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

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

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Lower Gunnison Surface Water

GEOGRAPHIC COVERAGE: Lower Gunnison River watershed

COUNTIES: Delta, Mesa

WATERSHED: Gunnison River

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 studies.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Varies from site to site.

NUMBER OF SAMPLING SITES: 103

COMMENT: Approximate

NUMBER OF PARAMETERS: 15

COMMENT:

U.S. Bureau of Reclamation (7) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Text file
COMMENTS: Text file must be read in specified format.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: DATA SET END: TO PRESENT: No
COMMENT: No response given.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Sampling frequency varies from site to site, as well as within a given site.
SAMPLING TO ENTRY LAG: Sampling completed -- all in database.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in surface water quality characteristics in the area.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (8)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office\Northern Division

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

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

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Fruitgrower's Reservoir

GEOGRAPHIC COVERAGE: Fruitgrowers' Reservoir, Colorado

COUNTIES: Delta

WATERSHED: Colorado River

ACTIVITIES SUPPORTED:

RESEARCH: No **POLICY MAKING:** No **PLANNING:** No **REGULATION:** No
REMEDIATION: 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.

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: No LAKES/RESERVOIRS: Yes WETLANDS: No
GROUND WATER: No

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: No

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 55

COMMENT:

NUMBER OF SAMPLING SITES: 5

COMMENT:

NUMBER OF PARAMETERS: 5

COMMENT:

U.S. Bureau of Reclamation (8) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** No
COMMENTS: Other: fecal and total coliform.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1988 **DATA SET END:** 1988 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** Yes
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Sampling is complete: all results are in the report.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Call contact person. Cost: copying and postage.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in Fruitgrowers Reservoir water quality.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (9)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office\Northern Division

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

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

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Grand Valley Wells

GEOGRAPHIC COVERAGE: Grand Valley (Palisade to Mack)

COUNTIES: Mesa

WATERSHED: Colorado River

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** No **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Varies from well to well.

NUMBER OF SAMPLING SITES: 273

COMMENT:

NUMBER OF PARAMETERS: 15

COMMENT:

U.S. Bureau of Reclamation (9) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Text file.
COMMENTS: Must be read in specified format.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1974 **DATA SET END:** 1986 **TO PRESENT:** No
COMMENT: Varies from well to well; maximum period coverage appears to run from 1974 to 1986.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Sampling frequency varies from well to well, and within the sampling history of a particular well.
SAMPLING TO ENTRY LAG: Sampling program has been completed -- all results have been entered.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

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

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in general chemistry of area groundwater.

DATE OF SURVEY: 6/29/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (10)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office\Northern Division

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

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

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Meeker Dome

GEOGRAPHIC COVERAGE: Meeker Dome vicinity

COUNTIES: Rio Blanco

WATERSHED: White River

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).

TYPE OF SAMPLE MEDIA: WATER: Yes SEDIMENT: No

DATA FOR: SURFACE WATER: Yes STREAMS: Yes LAKES/RESERVOIRS: Yes WETLANDS: Yes
GROUND WATER: Yes

DATA SOURCE: SAMPLING: Yes SECONDARY SOURCE: Yes

COMMENT ON SECONDARY SOURCES: USGS

NUMBER OF 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

U.S. Bureau of Reclamation (10) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1964 **DATA SET END:** 1983 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Sampling frequency varies by sampling site.
SAMPLING TO ENTRY LAG: Sampling program is complete -- all results are available.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, search costs (varies by nature of request).
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in chemical characteristics of groundwater in the area.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Bureau of Reclamation (11)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Western Colorado Area Office\Northern Division

PROGRAM:

CONTACT: John Ozga

TITLE: Hydraulic Engineer

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

NUMBER OF DATA SETS MANAGED: 0

DATABASE DESCRIPTION

DATA SET: Glenwood-Dotsero Springs

GEOGRAPHIC COVERAGE: Glenwood Springs and Dotsero, Colorado.

COUNTIES: Eagle, Garfield

WATERSHED: Colorado River

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: Varies by spring.

NUMBER OF SAMPLING SITES: 20

COMMENT: 8 - Dotsero Springs area, 12 - Glenwood Springs area.

NUMBER OF PARAMETERS: 10

COMMENT:

U.S. Bureau of Reclamation (11) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1972 **DATA SET END:** 1980 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request from contact person. Costs: copying, search (varies by nature of the request).
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Those interested in general chemical characteristics of area springs.

DATE OF SURVEY: 6/28/01

INFORMATION PROVIDED BY: John Ozga

ADDITIONAL NOTES:

U.S. Department of Defense

CONTACT INFORMATION

ORGANIZATION: USDOD\Rocky Mountain Arsenal\Remediation Venture Office

PROGRAM:

CONTACT: Dan Barchers, Ph.D.

TITLE: Remediation Venture Office Information Systems Coordinator

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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Rocky Mountain Arsenal Environmental Database

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

COUNTIES: Boulder, Jefferson

WATERSHED: South Platte River

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.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Tri-County Health Department is source. Dan Collins is the contact for this source at 303\288-6816.

NUMBER OF 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.

U.S. Department of Defense (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** 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
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1984 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: Some sampling events are periodic, for example quarterly. Others are project specific, e.g., one time.
SAMPLING TO ENTRY LAG: 90 days.

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Contact Remediation Venture Office, Public Affairs Office at Rocky Mountain Arsenal. You must identify the use and purpose of the data.
Data is available at no cost.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 3/6/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Environmental Protection Agency (6)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII
PROGRAM: Enforcement, Compliance, and Environmental Justice Program\Planning & Targeting
CONTACT: Brenda Cazier
TITLE: Acting PCS Database Coordinator
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
NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: PCS (Permit Compliance System)

GEOGRAPHIC COVERAGE: Statewide

COUNTIES: Statewide

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: Primary data developed and reported to PCS by permitted dischargers. EPA conducts a limited amount of sampling (develops primary data) to validate sampling and reporting of permittees.

NUMBER OF SAMPLING EVENTS:

COMMENT: EPA does not know. Very large.

NUMBER OF SAMPLING SITES: 1340

COMMENT:

NUMBER OF PARAMETERS:

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

U.S. Environmental Protection Agency (6) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Hardware: IBM mainframe. Software: ADABAS
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Data maintained in PCS for previous 5 years to present. Earlier data is archived.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Maximum of 58 days from end of monthly reporting period.

AVAILABILITY OF DATA: **PUBLIC:** Yes **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.

AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS: www.epa.gov/epahriis/letter
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 2/9/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Fish and Wildlife Service (3)

CONTACT INFORMATION

ORGANIZATION: USDO\Fish and Wildlife Service\Colorado Field Office
PROGRAM:
CONTACT: Andrew Archuleta
TITLE: Environmental Contaminants Specialist
PHYSICAL ADDRESS: 755 Parfet, Suite 361
Lakewood, CO 80215
MAILING ADDRESS (if different): P.O. Box 25486- Denver Federal Center
Lakewood, CO 80250-0207
PHONE: (303) 275-2370 **ext:** **FAX:** (303) 275-2371
EMAIL: Andrew_Archuleta@fws.gov

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Westwide Irrigation Drainwater Assessment, Colorado, 1996
GEOGRAPHIC COVERAGE: Colorado, Arkansas, and Purgatoire River s
COUNTIES: Bent, Chaffee, Eagle, Fremont, Garfield, Grand, Lake, Las Animas, Mesa, Otero, Prowers,
Pueblo
WATERSHED: Colorado River, Arkansas River, and Purgatoire Rivers

ACTIVITIES SUPPORTED:

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

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 11

COMMENT: (1 is answer given, but 11 sites. Thus, assume 1 sample per each of 11 sites.)

NUMBER OF SAMPLING SITES: 11

COMMENT:

NUMBER OF PARAMETERS:

COMMENT: No answer given.

U.S. Fish and Wildlife Service (3) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Dissolved (total) metals. Regarding metadata: samples are sent to FWS laboratory (Patuxent Analytical Control Facility) who maintains protocols.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

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
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1996 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** Yes
COMMENT:
SAMPLING TO ENTRY LAG: Variable depending on pace.

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Data will be available when report is published.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 4/14/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Fish and Wildlife Service (4)

CONTACT INFORMATION

ORGANIZATION: USDO\Fish and Wildlife Service\Colorado Field Office
PROGRAM:
CONTACT: Andrew Archuleta
TITLE: Environmental Contaminants Specialist
PHYSICAL ADDRESS: 755 Parfet, Suite 361
Lakewood, CO
MAILING ADDRESS (if different): P.O. Box 25486-Denver Federal Center
Lakewood, CO 80225-0207
PHONE: (303) 275-2370 **ext:** **FAX:** (303) 275-2371
EMAIL: Andrew_Archuleta@fws.gov

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: American Dipper Water, 1996
GEOGRAPHIC COVERAGE: Colorado, Arkansas, and Poudre River.
COUNTIES: Bent , Chaffee, Eagle, Fremont, Garfield, Grand, Larimer, Mesa, Otero, Prowers, Pueblo, Weld
WATERSHED: Colorado River, Arkansas River, and Poudre River.

ACTIVITIES SUPPORTED:

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

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:
NUMBER OF SAMPLING EVENTS: 27
COMMENT: (Respondent listed sampling event = 1, and sampling sites as 27. Thus, assume 1 event per site for total of 27 events in data set.)
NUMBER OF SAMPLING SITES: 27
COMMENT:
NUMBER OF PARAMETERS:
COMMENT: No response given.

U.S. Fish and Wildlife Service (4) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Other data elements: dissolved metals. Regarding metadata: samples are sent to FWS laboratory (Patuxent Analytical Control Facility) they maintain protocols.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

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.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1996 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: 1-time sample only.
SAMPLING TO ENTRY LAG: Entry is variable depending on PACE.

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Data will be available when report is published.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 4/14/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Fish and Wildlife Service (5)

CONTACT INFORMATION

ORGANIZATION: USDO\Fish and Wildlife Service\Colorado Field Office
PROGRAM:
CONTACT: Andrew Archuleta
TITLE: Environmental Contaminants Specialist
PHYSICAL ADDRESS: 755 Parfet, Suite 361
Lakewood, CO 80215
MAILING ADDRESS (if different): P.O. Box 25486, Denver Federal Center
Lakewood, CO 80225-0207
PHONE: (303) 275-2370 **ext:** **FAX:** (303) 275-2371
EMAIL: Andrew_Archuleta@fws.gov

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: 1995 Middle Arkansas River DOI Drainwater

GEOGRAPHIC COVERAGE: Arkansas River, Colorado
COUNTIES: Bent, Otero, Prowers, Pueblo
WATERSHED: Arkansas River

ACTIVITIES SUPPORTED:

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

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 13

COMMENT:

NUMBER OF SAMPLING SITES: 13

COMMENT:

NUMBER OF PARAMETERS:

COMMENT:

U.S. Fish and Wildlife Service (5) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: No **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Other data elements: Total metals (dissolved). Regarding metadata: samples are sent to Patuxent Analytical Control Facility Laboratory who maintains protocols.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

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.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1995 **DATA SET END:** 1995 **TO PRESENT:** No
COMMENT: One time sampling event.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT: 1-time sampling event.
SAMPLING TO ENTRY LAG: Variable, depending on pace.

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Must wait for report (in progress) to be completed.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 4/13/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

U.S. Forest Service\Rocky Mountain Region

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\Rocky Mountain Region
PROGRAM: Water Resources
CONTACT: Polly Hays
TITLE: Regional Water Program Manager
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: pehays@fs.fed.us

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: IRI Common Water Layer

GEOGRAPHIC COVERAGE: All National Forests and Grasslands in Colorado.

COUNTIES: Statewide except Adams, Arapahoe, Bent, Cheyenne, Costilla, Elbert, Kiowa, Lincoln, Logan, Morgan, Phillips, Prowers, Sedgwick, Washington, Yuma,

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

REMEDIATION: 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.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** Yes
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Colorado Water Quality Control Division 305b and 303d reports.

NUMBER OF 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. Inventory is on-going. Approximately 67% of region has been completed.

NUMBER OF PARAMETERS: 12

COMMENT: Estimates 12.

U.S. Forest Service Rocky Mountain Region (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Valley segment information (geomorphology, climate, hydrology)

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: Yes **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

FILES: Yes **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. Microsoft Access USFS NRIS database.

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: No

COMMENTS:

DATA UPLOADED TO STORET: No

DATA SET BEGIN: 1906 **DATA SET END:** TO PRESENT: Yes

COMMENT: Covers current condition as of date of inventory.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No

COMMENT:

SAMPLING TO ENTRY LAG: As needed and as new data is acquired.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Make request to Polly Hays. Cost is minimal.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Individuals involved in assessing fluvial processes and patterns for major portions of a stream network.

DATE OF SURVEY: 6/14/01

INFORMATION PROVIDED BY: Polly Hays

ADDITIONAL NOTES:

U.S. Geological Survey (1)

CONTACT INFORMATION

ORGANIZATION: USDO\Geological Survey\Colorado District Office
PROGRAM:
CONTACT: Michael Lewis
TITLE: District Water-Quality Specialist
PHYSICAL ADDRESS: Denver Federal Center, Building 53, Room E2314
Lakewood, CO 80225
MAILING ADDRESS (if different): USGS P.O. Box 25046, MS 415, Denver Federal Center
Lakewood, CO 80225
PHONE: (303) 236-4882 **ext:** 290 **FAX:** (303) 236-4912
EMAIL:

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: NWIS (National Water Information System)
GEOGRAPHIC COVERAGE: Statewide (USGS Colorado water-quality data are included as part of a national data base.)
COUNTIES: Statewide
WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES: Data in NWIS would be used by USGS primarily for research, monitoring, and public information; and would be used by other entities for all of the activities listed. The water-related mission of the USGS is to provide reliable, impartial, timely information that is needed to understand the Nation's water resources.

LEGAL BASIS:

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** Yes

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** Yes
 GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: Most of the data in NWIS are measured or collected by USGS. Data from non-USGS sources can be included in NWIS if they meet USGS QA/QC criteria. Data from other entities are included in some project databases.

NUMBER OF SAMPLING EVENTS: 200000

COMMENT: The database contains information for more than 200,000 sampling events, not including data from continuous water-quality monitors. Some of these events may include only a measurement of water temperature and/or specific conductance.

U.S. Geological Survey (1) (continued)

NUMBER OF SAMPLING SITES: 8500

COMMENT: The database contains information from about 8,500 sites in Colorado where water-quality data have been collected. In any given year during 1990 to 2000, the USGS operated and 55 continuous water-quality monitors that measure up to four parameters: temperature, specific conductance, pH, and dissolved oxygen; between 54 and 137 long-term surface-water quality sampling stations (most sampled 8-12 times per year); and as many as 85 short-term surface-water quality sampling stations at which samples were collected either fewer than 8-12 times per year, or for less than 1-2 years. (A spreadsheet with numbers for each type of site for each year between 1990-2000 can be provided.) Data have not been tabulated on the number of sites sampled on a regular schedule in years before 1990. In addition, there are thousands of sites that have not been sampled on a regular schedule and where only one or a few samples have been collected.

NUMBER OF PARAMETERS:

COMMENT: The number of parameters per sampling event varies widely, from few as 1 or 2 (usually temperature and/or specific conductance) to field parameters, a full suite of major anions and cations, trace elements, micro- and microbiological parameters, pesticides, volatile and semi-volatile organics, radiochemical parameters, and other constituents.

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** Yes

ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): Yes **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes

NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes

BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes

MACROBIOLOGICAL (fish, macroinvertebrates): Yes **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes

LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes

COMMENTS: All those shown except for some biological parameters.

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes

ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

COMMENT:

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: USGS NWIS software on UNIX Sun servers.

COMMENTS: Data in NWIS through 1998 were uploaded to STORET, but there is no current plan to continue these uploads to the new STORET system.

DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes

COMMENTS: Latitude-longitude. Most ground water sites also include township-range-section information. Most surface water sites that are currently sampled on a regular basis also have detailed physical location descriptions.

DATA UPLOADED TO STORET: Yes

DATA SET BEGIN: 1920 **DATA SET END:** TO PRESENT: Yes

COMMENT: Approximate begin date. There are limited data in NWIS beginning in the 1920s and 1930s. The amount of data available increase rapidly beginning in the 1960s through the present.

U.S. Geological Survey (1) (continued)

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No

COMMENT: The frequency of sampling/measurement events varies from site to site and may vary in time at the same site. All of the categories listed are represented by sites in NWIS. Please see the answer to "Sampling Events" and "Sampling Sites" for more information on sampling frequency.

SAMPLING TO ENTRY LAG: Continuous water-quality monitoring data at most sites are available in a provisional form within 4 hours after measurement, and final reviewed data are available within 5 months after the end of the water year. The timing of availability of data from water-quality samples that are analyzed at a laboratory varies depending on the constituent: some provisional data may be available in a few weeks; most data are available in a provisional form within a few months of sample collection; and most data are finalized within 5 months after the end of the water year.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: The data are available to the public once internal QA/QC checks have been made. Some of the data in NWIS are now available through the Internet at <http://water.usgs.gov/co/nwis>. This site currently contains water-quality data from numerous sites and sampling events, primarily at surface-water locations in Colorado, and additional data will be added in the future. Continuous water-quality monitor data, data from water-quality analyses of samples collected at all long-term sites, and data from many short-term sites since 1995 are available as pdf files in annual reports of Water Resources Data for Colorado at <http://co.water.usgs.gov/Pubs/Data.Report/datarpt.html>. Data from NWIS that are not available at these Internet sites can be provided upon request to: Rick Crowfoot, crowfoot@usgs.gov, 303-236-4882 ext. 234. Depending on the amount of time needed to retrieve and send data requested, there may be a charge, which is determined on a case-by case basis.

AVAILABLE ON INTERNET: Yes

WORLD WIDE WEB MONITORING DATA ADDRESS: <http://water.usgs.gov/co/nwis> -also-
<http://co.water.usgs.gov/Pubs/Data.Report/datarpt.html>

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Anyone who has a need to use actual water-quality data for Colorado.

DATE OF SURVEY: 7/13/01

INFORMATION PROVIDED BY: Doug Cain

ADDITIONAL NOTES: There are several data sets managed by the Colorado District Office. NWIS is the primary database described on the survey.

U.S. Geological Survey (2)

CONTACT INFORMATION

ORGANIZATION: USDO\Geological Survey\for NPS\Great Sand Dunes Unit
PROGRAM: Upper Rio Grande NAWQA
CONTACT: Fred Bunch
TITLE: Resource Management Specialist
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

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Medano Creek, Upper Rio Grande NAWQA

GEOGRAPHIC COVERAGE: Medano Creek near Great Sand Dunes National Park and USFS boundary

COUNTIES: Alamosa, Saguache

WATERSHED: Rio Grande River

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 basinwide level.
This project was part of the Upper Rio Grande study.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

COMMENT: 38 collected monthly

NUMBER OF SAMPLING SITES: 1

COMMENT:

NUMBER OF PARAMETERS: 56

COMMENT:

U.S. Geological Survey (2) (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: USGS maintains metadata.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: No **REPORTS:** No **MAPS:** Yes **MICROFICHE:** No **OTHER:** No
COMMENT: Obtain NAWQA report from USGS

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: See USGS national data bases.
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Latitude - longitude, Universal Transverse Mercator (UTM)
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1992 **DATA SET END:** 1996 **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Sampling has been completed and all data should be accessible.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact USGS. See USGS national data base listings.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Research, DOW.

DATE OF SURVEY: 8/13/01

INFORMATION PROVIDED BY: Fred Bunch

ADDITIONAL NOTES:

U.S. National Park Service\Black Canyon National Park

CONTACT INFORMATION

ORGANIZATION: USDO\National Park Service\Curecanti National Recreation Area-Black Canyon National Park\Resource Stewardship and Science

PROGRAM: Aquatics Program

CONTACT: Matthew Malick

TITLE: Aquatic Ecologist

PHYSICAL ADDRESS: 102 Elk Creek
Gunnison, CO 81230

MAILING ADDRESS (if different):

PHONE: (970) 641-2337 **ext:** 248 **FAX:** (970) 641-3127

EMAIL: matt_malick@nps.gov

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: CURE Water Quality

GEOGRAPHIC COVERAGE: Streams, rivers, and reservoirs within Curecanti National Recreation Area and Black Canyon National Park.

COUNTIES: Gunnison, Montrose

WATERSHED: Gunnison River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Clean Water Act, National Park Service Organic Act, NPS-77, Resource Management Guidelines, Water Resources Management Plan, General Management Plan.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: USGS-WRD, Bob Boulger, 970/245-5257 x21

NUMBER OF SAMPLING EVENTS:

COMMENT: Hard to determine. Each site may include different numbers of sampling events. The 1993-2000 program consisted of monthly sampling from May-October. The current program consists of 23 sites sampled every other month year round.

NUMBER OF SAMPLING SITES: 104

COMMENT: Most of these sites are inactive, historic. The current program has 23 sites.

NUMBER OF PARAMETERS: 80

COMMENT: The data set goes back to the 1940s and 1950s in some cases. Many of these constituents may have been sampled once, at one site, 30 years ago. The core parameters are about 15-20.

***U.S. National Park Service\Black Canyon National Park
(continued)***

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: No **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Access Database.
COMMENTS: Not all sites have been GPS locations. New sites beginning in 2001 have not been GPS'ed.
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Universal Transverse Mercator (UTM)
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: 1944 **DATA SET END:** TO PRESENT: Yes
COMMENT: The bulk of the dataset was collected between 1993 to present. This portion of the data set is also the most reliable.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: Most data have been collected during a May-October summer season, every 3-4 weeks. The program is currently switching to a every other month sampling scheme with different parameters and objectives.
SAMPLING TO ENTRY LAG: 3-4 months

AVAILABILITY OF DATA: **PUBLIC:** No **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: A letter of request is required stating the ultimate use of the data.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Gunnison basinwide and statewide entities interested in water quality.

DATE OF SURVEY: 6/27/01

INFORMATION PROVIDED BY: Matthew Malick

ADDITIONAL NOTES: All data available at this point are provisional due to lack of QA/QC of historic data.

U.S. National Park Service\Colorado National Monument

CONTACT INFORMATION

ORGANIZATION: USDO\National Park Service\Colorado National Monument\Resource Management

PROGRAM:

CONTACT: Dave Price

TITLE: Chief of Resource Management

PHYSICAL ADDRESS: Colorado National Monument

Fruita, CO 81521

MAILING

ADDRESS (if different):

PHONE: (970) 858-3617 **ext:** 313 **FAX:**

EMAIL: DAVE.PRICE@NPS.GOV

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Small Scale Base GIS Data

GEOGRAPHIC COVERAGE: Parkwide

COUNTIES: Mesa

WATERSHED: Colorado River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS:

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES: National Park Service - Water Resources Division, Dean Tucker, 970-225-3516, DEAN.TUCKER@NPS.GOV

NUMBER OF SAMPLING EVENTS:

COMMENT:

NUMBER OF SAMPLING SITES:

COMMENT:

NUMBER OF PARAMETERS:

COMMENT:

***U.S. National Park Service\Colorado National Monument
(continued)***

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): No
BIOLOGICAL: No **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** Yes
COMMENTS: Metadata on occasion.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** Yes

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: ArcView 3.2, Microsoft Access
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Universal Transverse Mercator (UTM)
DATA UPLOADED TO STORET: Yes
DATA SET BEGIN: **DATA SET END:** **TO PRESENT:** No
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG:

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Visit park service website
www.nps.gov/gis/park_gisdata/colorado/colm.htm No costs.

AVAILABLE ON INTERNET: Yes

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS: www.nps.gov/gis/metadata/water-resources/colm.html

DATA BENEFICIARIES: Anyone interested in the water resources of Colorado National Monument and surrounding areas.

DATE OF SURVEY: 6/26/01

INFORMATION PROVIDED BY: Jon Freeman (RM Seasonal)

ADDITIONAL NOTES: This dataset is the only well organized water quality information we have. Other coverages can't be proven accurate.

U.S. National Park Service\Florissant Fossil Beds National Monument

CONTACT INFORMATION

ORGANIZATION: USDO\National Park Service\Florissant Fossil Beds National Monument

PROGRAM: Natural Resources

CONTACT: Dan Carlisle

TITLE: Natural Resources Intern

PHYSICAL ADDRESS:

MAILING ADDRESS Florissant Fossil Beds NM, P.O. Box 185

ADDRESS (if different): Florissant, CO 80816

PHONE: (719) 748-3253 **ext:** **FAX:** (719) 748-3164

EMAIL: www.nps.gov/flfo

NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Florissant Fossil Beds Water Quality Monitoring

GEOGRAPHIC COVERAGE: Florissant, Teller County, (unsure of stream segment). Data covers streams in park boundaries.

COUNTIES: Teller

WATERSHED: South Platte River

ACTIVITIES SUPPORTED:

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

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

COMMENT ON ACTIVITIES:

LEGAL BASIS: Planning/Remediation - to collect water quality/quantity information to plan effective restoration activities. Monitoring - to protect the water quality and flow in the national monument. Public information - to add to the body of knowledge about water bodies on public land.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 116

COMMENT: Approximate. 27-31(per site?). This is the number of times that sampling has been performed since the first records were kept. This varies at each of the 4 sites. Grape Creek 1&2 = 31, Barkdale and Cave = 27

NUMBER OF SAMPLING SITES: 4

COMMENT: Grape Creek #1&2, Barkdale and The Caves.

NUMBER OF PARAMETERS: 8

COMMENT: At each event, 8 parameters are measured each visit (basic parameters -- pH, DO, mg/L, DO % saturated, TDS, Temp C, Conductivity, lat/long). Annually, number of parameters is about 20.

U.S. National Park Service Florissant Fossil Beds National Monument (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: No **INORGANICS** (incl. metals): No **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): Yes
LOCATIONAL: Yes **OTHER DATA ELEMENT:** Yes **METADATA:** Yes
COMMENTS: Annually: salinity (ppt), TSS, TDS, Alkalinity, Chloride, Nitrate and Nitrite (ppm), phosphate, ammonia, hardness (CaCO₃), Fecal Coliform, Nitrite (mg/L), Fluoride.

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** Yes **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** No **MICROFICHE:** No **OTHER:** No
COMMENT: Hydrolab data sets.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Microsoft Excel -- PC
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: Yes
COMMENTS: Universal Transverse Mercator (UTM) and Latitude/Longitude
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1995 **DATA SET END:** TO PRESENT: Yes
COMMENT: No data collected during winter months.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT: No data taken after first freeze.
SAMPLING TO ENTRY LAG: Immediate.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Request information from Chief Ranger or water quality personnel. Generally, data not available for public use. If public requests information, we would make this available either via computer (send information) or make copies of paperwork. If paper copies become excessive, the costs of copying paper would be charged.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Park resource managers, interns, adjacent land owners to Florissant.

DATE OF SURVEY: 6/15/01

INFORMATION PROVIDED BY: Dan Carlisle

ADDITIONAL NOTES:

Upper Gunnison River Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Upper Gunnison River Water Conservancy District
PROGRAM: USGS Cooperative Program
CONTACT: Kathleen Curry
TITLE: Manager
PHYSICAL ADDRESS: 200 East Virginia
Gunnison, CO 81230
MAILING ADDRESS (if different):
PHONE: (970) 641-6065 **ext:** **FAX:** (970) 641-6727
EMAIL: ugrwcd@westelk.com
NUMBER OF DATA SETS MANAGED: 2

DATABASE DESCRIPTION

DATA SET: Various data sets

GEOGRAPHIC COVERAGE: Gunnison River/East River
COUNTIES: Gunnison, Hinsdale, Saguache
WATERSHED: Gunnison River

ACTIVITIES SUPPORTED:

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

COMMENT ON ACTIVITIES:

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

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS:

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

NUMBER OF SAMPLING SITES: 18

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 Conservancy District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS: Contact USGS in Grand Junction to determine data types (970/245-5257)

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** 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:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1995 **DATA SET END:** **TO PRESENT:** Yes
COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** Yes **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Ask USGS in Gunnison (970/245-5257).

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact USGS or District. No costs. No conditions.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES: Land use planners, interested citizens, municipalities.

DATE OF SURVEY: 8/13/01

INFORMATION PROVIDED BY: Kathleen Curry

ADDITIONAL NOTES:

URS Operating Services, Inc.

CONTACT INFORMATION

ORGANIZATION: URS Operating Services, Inc.
PROGRAM: Superfund Technical Assessment and Response Team
CONTACT: Chuck Baker
TITLE: Deputy START Team Leader
PHYSICAL ADDRESS: 1099 18th Street, 710
Denver, CO 80202
MAILING ADDRESS (if different):
PHONE: (303) 291-8301 **ext:** **FAX:** (303) 291-8296
EMAIL: cbaker@ursgreomer/cp,

NUMBER OF DATA SETS MANAGED:

DATABASE DESCRIPTION

DATA SET: Sites and Watersheds throughout Colorado

GEOGRAPHIC COVERAGE: Colorado

COUNTIES: Statewide

WATERSHED: Statewide

ACTIVITIES SUPPORTED:

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

REMEDATION: 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 EP A Region VIII. URS is subsidiary of URS Greiner, created solely for the START contract. Please contact Chris Stotler, URSGreiner Program Manager for information.

TYPE OF SAMPLE MEDIA: **WATER:** No **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** No **LAKES/RESERVOIRS:** No **WETLANDS:** No
GROUND WATER: Yes

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

COMMENT ON SECONDARY SOURCES: 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.

NUMBER OF SAMPLING EVENTS:

COMMENT: Depends on site.

NUMBER OF SAMPLING SITES:

COMMENT: Depends on site.

NUMBER OF PARAMETERS:

COMMENT: Various

URS Operating Services, Inc. (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: Yes **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): No
NUTRIENTS: Yes **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): No
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** Yes
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

FILES: Yes **REPORTS:** No **MAPS:** Yes **MICROFICHE:** No **OTHER:** No
COMMENT: Files and reports are on file at EPA Region VIII Superfund Records Center.

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED: Maps: Auto Cad, GIS maps, HEC, RAS surface water model
(floodplain analyzer model).

COMMENTS:

DIGITAL MAP COORDINATES FOR SAMPLE SITES: No

COMMENTS:

DATA UPLOADED TO STORET: No

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

COMMENT:

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** No **>1X/PER MONTH:** No

CONTINUOUS: No **VARIABLE:** Yes **ONCE:** No

COMMENT:

SAMPLING TO ENTRY LAG: Varies, but data can generally be accessed when a report containing the data is finalized
(approximately 6 months after data collection).

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** Yes

HOW TO GET DATA, CONDITIONS, COST: Contact EPA Region VIII. Costs: None. For data available
conditionally, you must file a FOIA request.

AVAILABLE ON INTERNET: No

WORLD WIDE WEB MONITORING DATA ADDRESS:

WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/24/98

INFORMATION PROVIDED BY: George Weber

ADDITIONAL NOTES:

Ute Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Ute Water Conservancy District\Water Treatment Plant
PROGRAM:
CONTACT: Pat Kiernan
TITLE: Laboratory Manager
PHYSICAL ADDRESS: 4 1/2 miles east of Palisade on Rapid Creek Road
MAILING ADDRESS (if different): PO Box 460
Grand Junction, CO 81502
PHONE: (970) 464-5563 **ext:** **FAX:** (970) 464-5443
EMAIL: pkiernan@acsol.net
NUMBER OF DATA SETS MANAGED: 1

DATABASE DESCRIPTION

DATA SET: Ute Water Conservancy District Raw Water

GEOGRAPHIC COVERAGE: Plateau Creek Drainage Basin

COUNTIES: Mesa

WATERSHED: Colorado River

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.

TYPE OF SAMPLE MEDIA: **WATER:** Yes **SEDIMENT:** No

DATA FOR: **SURFACE WATER:** Yes **STREAMS:** Yes **LAKES/RESERVOIRS:** Yes **WETLANDS:** No
GROUND WATER: No

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

COMMENT ON SECONDARY SOURCES:

NUMBER OF SAMPLING EVENTS: 14400

COMMENT: Approximately 14,400. 8 sources, 10 data points, for each day (12) sampled since 1983.

NUMBER OF SAMPLING SITES: 8

COMMENT:

NUMBER OF PARAMETERS: 12

COMMENT:

Ute Water Conservancy District (continued)

DATA TYPES:

MAJOR ANIONS/CATIONS: Yes **INORGANICS** (incl. metals): Yes **RADIOLOGICAL:** No
ORGANICS: No **MAJOR ORGANICS** (i.e. TOC, TPH, O & G): No **TRACE ORGANICS** (i.e. pesticides, VOCs): Yes
NUTRIENTS: No **PHYSICAL** (i.e. flow, pH cond., TDS, TSS): Yes
BIOLOGICAL: Yes **MICROBIOLOGICAL** (i.e. virus, bacteria, algae): Yes
MACROBIOLOGICAL (fish, macroinvertebrates): No **GENERAL BIOLOGICAL** (BOD, toxicity, habitat indicators): No
LOCATIONAL: Yes **OTHER DATA ELEMENT:** No **METADATA:** No
COMMENTS:

DATA STORAGE FORMAT:

HARDCOPY: Yes **ELECTRONIC/DIGITAL:** No
ELECTRONIC TEXT: No **ELECTRONIC SPREADSHEET:** No **ELECTRONIC DATABASE:** No

HARDCOPY FORMAT:

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

DIGITAL FORMAT:

DIGITAL HARDWARE AND SOFTWARE USED:
COMMENTS:
DIGITAL MAP COORDINATES FOR SAMPLE SITES: No
COMMENTS:
DATA UPLOADED TO STORET: No
DATA SET BEGIN: 1983 **DATA SET END:** **TO PRESENT:** Yes
COMMENT: Grab samples taken monthly.

SAMPLING FREQUENCY:

ANNUAL: No **BIANNUAL:** No **SEASONAL:** No **MONTHLY:** Yes **>1X/PER MONTH:** No
CONTINUOUS: No **VARIABLE:** No **ONCE:** No
COMMENT:
SAMPLING TO ENTRY LAG: Generally within one week.

AVAILABILITY OF DATA: **PUBLIC:** Yes **CONDITIONAL:** No

HOW TO GET DATA, CONDITIONS, COST: Contact District to obtain data. Cost is function of size of request and time to provide.
AVAILABLE ON INTERNET: No
WORLD WIDE WEB MONITORING DATA ADDRESS:
WORLD WIDE WEB METADATA ADDRESS:

DATA BENEFICIARIES:

DATE OF SURVEY: 6/14/01

INFORMATION PROVIDED BY: Pat Kiernan

ADDITIONAL NOTES:

SECTION III

CONTACT INFORMATION ONLY

Animas-La Plata Water Conservation District

CONTACT INFORMATION

ORGANIZATION: Animas-La Plata Water Conservation District

PROGRAM:

CONTACT: Lynn Herkenhoff

TITLE:

**PHYSICAL
ADDRESS:**

MAILING ADDRESS (if different): P.O. Box 475
Durango, CO 81301

PHONE: (970) 247-1302 **ext:** **FAX:** (970) 259-8423

EMAIL:

Arkansas River Compact Administration

CONTACT INFORMATION

ORGANIZATION: Arkansas River Compact Administration

PROGRAM:

CONTACT: James Rogers

TITLE: Treasurer

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: (719) 336-2124 **ext:** **FAX:**

EMAIL:

Bear Creek Watershed Association

CONTACT INFORMATION

ORGANIZATION: Bear Creek Watershed Association

PROGRAM:

CONTACT: Russell Clayshulte

TITLE: Coordinator

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS** (if different):

PHONE: (303) 455-1000 **ext:** **FAX:**

EMAIL:

Big Thompson Watershed Forum

CONTACT INFORMATION

ORGANIZATION: Big Thompson Watershed Forum

PROGRAM:

CONTACT: Rob Buirgy

TITLE: Coordinator

**PHYSICAL
ADDRESS:** 1669 Eagle Drive
Loveland, CO 80537-6225

**MAILING
ADDRESS** (if different):

PHONE: (970) 613-7951 **ext:** **FAX:** (970) 613-7909

EMAIL: rbuirgy@btwatershed.org

Brown & Caldwell

CONTACT INFORMATION

ORGANIZATION: Brown & Caldwell

PROGRAM:

CONTACT: Brett Linenfelser

TITLE:

PHYSICAL ADDRESS: 7535 E. Hampden Avenue, Suite 403
Denver, CO 80231-4838

MAILING ADDRESS (if different):

PHONE: (303) 743-5442 **ext:** **FAX:** (303) 743-5454

EMAIL: blinenfelser@brwncald.com

Cache la Poudre Water Users Association

CONTACT INFORMATION

ORGANIZATION: Cache la Poudre Water Users Association

PROGRAM:

CONTACT: Bob Stieben

TITLE:

PHYSICAL ADDRESS:

MAILING ADDRESS (if different):

PHONE: **ext:** **FAX:** (970) 407-1055

EMAIL:

Camp, Dresser, & McKee

CONTACT INFORMATION

ORGANIZATION: Camp, Dresser, & McKee
PROGRAM:
CONTACT: Jenny Braus
TITLE:
PHYSICAL ADDRESS: 1331 17th Street, Suite 1200
Denver, CO 80202-1562
MAILING ADDRESS (if different):
PHONE: (303) 298-1311 **ext:** **FAX:** (303) 293-8236
EMAIL: brausg@cdm.com

Central Yuma Ground Water Management District

CONTACT INFORMATION

ORGANIZATION: Central Yuma Ground Water Management District
PROGRAM:
CONTACT: Aaron Nein
TITLE:
PHYSICAL ADDRESS:
MAILING ADDRESS (if different):
PHONE: (970) 854-3484 **ext:** **FAX:** (970) 854-5235
EMAIL:

Chadwick Ecological Consultants, Inc.

CONTACT INFORMATION

ORGANIZATION: Chadwick Ecological Consultants, Inc.

PROGRAM:

CONTACT: Steve Canton

TITLE:

PHYSICAL ADDRESS: 5575 S. Sycamore Street, Suite 100

Littleton, CO 80120

MAILING

ADDRESS (if different):

PHONE: (303) 794-5530 **ext:** **FAX:** (303) 794-5041

EMAIL: chadeco@aol.com

Chatfield Basin Authority

CONTACT INFORMATION

ORGANIZATION: Chatfield Basin Authority

PROGRAM:

CONTACT: Russell Clayshulte

TITLE: Coordinator

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (303) 455-1000 **ext:** **FAX:**

EMAIL:

City of Fort Collins, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Fort Collins\Utilities
PROGRAM: Water Quality
CONTACT: Ben Alexander
TITLE:
PHYSICAL ADDRESS:
MAILING ADDRESS (if different):
PHONE: **ext:** **FAX:** (970) 221-6619
EMAIL:

City of Pueblo, Colorado

CONTACT INFORMATION

ORGANIZATION: City of Pueblo Wastewater Treatment Plant
PROGRAM:
CONTACT: Nancy Keller
TITLE:
PHYSICAL ADDRESS: 1300 S. Queens Avenue
Pueblo, CO 81001
MAILING ADDRESS (if different):
PHONE: (719) 543-2553 **ext:** **FAX:** (719) 542-5281
EMAIL: kellernancy@hotmail.com

Colorado Department of Agriculture

CONTACT INFORMATION

ORGANIZATION: CDAg\Division of Plant Industry

PROGRAM:

CONTACT: Rob Wawrzynski

TITLE:

PHYSICAL ADDRESS: 700 Kipling Street, Suite 4000

Lakewood, CO 80215-5894

MAILING

ADDRESS (if different):

PHONE: (303) 239-4151

ext:

FAX: (303) 239-4177

EMAIL:

Colorado Division of Wildlife (2)

CONTACT INFORMATION

ORGANIZATION: CDNR\Division of Wildlife\Montrose Regional Office

PROGRAM:

CONTACT: Lori Martin

TITLE: Regional Senior Biologist

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (303) 297-2050

ext:

FAX: (970) 255-6111

EMAIL:

Colorado Environmental Coalition

CONTACT INFORMATION

ORGANIZATION: Colorado Environmental Coalition

PROGRAM:

CONTACT: Nissa Maddox

TITLE:

PHYSICAL ADDRESS: 1536 Wynkoop Street, #5C

Denver, CO 80202

MAILING

ADDRESS (if different):

PHONE: (303) 534-7066 **ext:** Ext. 201 **FAX:** (303) 534-7063

EMAIL: nissa@cecenviro.org

Colorado Mountain College

CONTACT INFORMATION

ORGANIZATION: Colorado Mountain College

PROGRAM: Natural Resource Management Institute

CONTACT: Karmen King

TITLE:

PHYSICAL ADDRESS: 901 S. Highway 24

Leadville, CO 80461

MAILING

ADDRESS (if different):

PHONE: (719) 486-2015 **ext:** **FAX:** (719) 486-3212

EMAIL: kking@coloradomtn.edu

Colorado River Water Conservation District

CONTACT INFORMATION

ORGANIZATION: Colorado River Water Conservation District
PROGRAM:
CONTACT: Dave Merritt
TITLE: Chief Engineer
PHYSICAL ADDRESS:
MAILING ADDRESS (if different): P.O. Box 1120
Glenwood Springs, CO 81602
PHONE: (970) 945-8522 **ext:** **FAX:** (303) 945-8799
EMAIL: www.crwcd.gov

Colorado School of Mines

CONTACT INFORMATION

ORGANIZATION: Colorado School of Mines
PROGRAM:
CONTACT: Tom Wildeman
TITLE:
PHYSICAL ADDRESS: 1012 14th Street
Golden, CO 80401
MAILING ADDRESS (if different):
PHONE: (303) 273-3000 **ext:** 3642 **FAX:** (303) 273-3629
EMAIL:

Colorado Springs Utilities\Water Resources Dept.

CONTACT INFORMATION

ORGANIZATION: Colorado Springs Utilities\Water Resources Dept.

PROGRAM:

CONTACT: Vicki Card

TITLE:

PHYSICAL ADDRESS: 703 E. Las Vegas Street
Colorado Springs, CO 80903-4348

MAILING ADDRESS (if different):

PHONE: **ext:** **FAX:**

EMAIL: vcard@csu.org

Colorado State University (1)

CONTACT INFORMATION

ORGANIZATION: Colorado State University \Colorado Water Resources Research Institute

PROGRAM:

CONTACT: Robert Ward

TITLE:

PHYSICAL ADDRESS:

MAILING ADDRESS (if different):

PHONE: (970) 491-6308 **ext:** **FAX:** (970) 491-2293

EMAIL: rcw@lamar.colostate.edu

Colorado Water Quality Control Division (1)

CONTACT INFORMATION

ORGANIZATION: CDPHE\Water Quality Control Division
PROGRAM: Gunnison Basin Selenium Task Force
CONTACT: Dan Beley
TITLE:
PHYSICAL ADDRESS: 4300 Cherry Creek Drive South
Denver, CO 802461530
MAILING ADDRESS (if different):
PHONE: (303) 692-3606 **ext:** **FAX:**
EMAIL: daniel.beley@state.co.us

Colorado Water Quality Control Division (2)

CONTACT INFORMATION

ORGANIZATION: CDPHE\Water Quality Control Division
PROGRAM: Colorado Water Quality Monitoring Council
CONTACT: Robert McConnell
TITLE: Coordinator
PHYSICAL ADDRESS: 4300 Cherry Creek Drive South
Denver, CO 802221530
MAILING ADDRESS (if different):
PHONE: (303) 692-3578 **ext:** **FAX:** (303) 782-0390
EMAIL:

Colowyo Coal Company

CONTACT INFORMATION

ORGANIZATION: Kennecott Energy\Colowyo Coal Company
PROGRAM:
CONTACT: Kim Wolf
TITLE:
PHYSICAL ADDRESS: 5731 State Highway 13
Meeker, CO 81641
MAILING ADDRESS (if different):
PHONE: (970) 824-1531 **ext:** **FAX:** (970) 824-1598
EMAIL: wolfk@kenergy.com

Conejos County Soil Conservation District

CONTACT INFORMATION

ORGANIZATION: Conejos County Soil Conservation District
PROGRAM:
CONTACT: Jeff Stern
TITLE:
PHYSICAL ADDRESS:
MAILING ADDRESS (if different): P.O. Box 255
La Jara, CO 81140
PHONE: (719) 274-5868 **ext:** **FAX:** (719) 274-4312
EMAIL:

Coors Brewing Company

CONTACT INFORMATION

ORGANIZATION: Coors Brewing Company\Water Resources

PROGRAM:

CONTACT: Renda Genest

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: **ext:** **FAX:** (303) 277-3833

EMAIL:

Earthjustice Legal Defense Fund

CONTACT INFORMATION

ORGANIZATION: Earthjustice Legal Defense Fund

PROGRAM:

CONTACT: Mike Freeman

TITLE:

**PHYSICAL
ADDRESS:** 1631 Glenarm Place, Suite 300
Denver, CO 80202

**MAILING
ADDRESS (if different):**

PHONE: (303) 623-9466 **ext:** **FAX:** (303) 623-8083

EMAIL: mfreeman@earthjustice.org

Eastman Kodak

CONTACT INFORMATION

ORGANIZATION: Eastman Kodak

PROGRAM:

CONTACT: Dave Andre'

TITLE:

PHYSICAL ADDRESS: 9952 Eastman Park Drive
Windsor, CO 80551-1310

MAILING ADDRESS (if different):

PHONE: (970) 686-7611 **ext:** 4498 **FAX:** (970) 686-4194

EMAIL: dcandre@kodak.com

ENSR Consulting and Engineering

CONTACT INFORMATION

ORGANIZATION: ENSR Consulting and Engineering

PROGRAM:

CONTACT: Janet Wood

TITLE:

PHYSICAL ADDRESS:

MAILING ADDRESS (if different):

PHONE: (970) 493-0213 **ext:** **FAX:** (970) 493-0213

EMAIL:

Frenchman Ground Water Management District

CONTACT INFORMATION

ORGANIZATION: Frenchman Ground Water Management District

PROGRAM:

CONTACT: Aaron Nein

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: (970) 854-3484 **ext:** **FAX:** (970) 854-5235

EMAIL:

Friends of the Poudre

CONTACT INFORMATION

ORGANIZATION: Friends of the Poudre

PROGRAM:

CONTACT: Chuck Wanner

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: **ext:** **FAX:** (970) 484-0810

EMAIL:

Geo Research

CONTACT INFORMATION

ORGANIZATION: Geo Research

PROGRAM:

CONTACT:

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: **ext:** **FAX:** (301) 229-7980

EMAIL:

Hydro-Triad Ltd.

CONTACT INFORMATION

ORGANIZATION: Hydro-Triad Ltd.

PROGRAM:

CONTACT: Ronald Halley

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: **ext:** **FAX:**

EMAIL:

Hydrosphere

CONTACT INFORMATION

ORGANIZATION: Hydrosphere

PROGRAM:

CONTACT: Ben Harding

TITLE:

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (303) 443-7839 **ext:** **FAX:** (303) 442-0616

EMAIL:

John W. Patterson & Associates

CONTACT INFORMATION

ORGANIZATION: John W. Patterson & Associates

PROGRAM:

CONTACT: John Patterson

TITLE: President

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (303) 721-7189 **ext:** **FAX:** (303) 721-7201

EMAIL:

League of Women Voters

CONTACT INFORMATION

ORGANIZATION: League of Women Voters

PROGRAM:

CONTACT: Jeannette Hillery

TITLE:

PHYSICAL ADDRESS: 999 Meadow Glen Drive

Boulder, CO 80303

MAILING

ADDRESS (if different):

PHONE: (303) 494-7718

ext:

FAX: (303) 543-7143

EMAIL: jmhillery@Hotmail.com

Lockheed Martin Astronautics

CONTACT INFORMATION

ORGANIZATION: Lockheed Martin Astronautics

PROGRAM:

CONTACT: Tom Giordano

TITLE:

PHYSICAL

ADDRESS:

MAILING ADDRESS (if different): P.O. Box 179, Mail Stop H9080

Denver, CO 80122-0179

PHONE: (303) 977-3745

ext:

FAX: (303) 977-3844

EMAIL:

Lower Fountain Water Users Association

CONTACT INFORMATION

ORGANIZATION: Lower Fountain Water Users Association

PROGRAM:

CONTACT: F. Stuart Loosely

TITLE: President

PHYSICAL

ADDRESS: Colorado Springs, CO

MAILING

ADDRESS (if different):

PHONE: (719) 597-5080 **ext:** **FAX:** (719) 597-5145

EMAIL:

Marks Butte Ground Water Management District

CONTACT INFORMATION

ORGANIZATION: Marks Butte Ground Water Management District

PROGRAM:

CONTACT: Aaron Nein

TITLE:

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (970) 854-3484 **ext:** **FAX:** (970) 854-5235

EMAIL:

McCall-Ellingson & Morrill, Inc.

CONTACT INFORMATION

ORGANIZATION: McCall-Ellingson & Morrill, Inc.

PROGRAM:

CONTACT: Lyman R. Flook

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: (303) 321-2282 **ext:** **FAX:**

EMAIL:

Middle Park Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Middle Park Water Conservancy District

PROGRAM:

CONTACT: Stanley Caizer

TITLE: Attorney At Law

**PHYSICAL
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EMAIL:

Mount Werner Water

CONTACT INFORMATION

ORGANIZATION: Mount Werner Water

PROGRAM:

CONTACT: Jeff Peterson

TITLE:

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ADDRESS** (if different):

PHONE: **ext:** **FAX:** (970) 879-8169

EMAIL:

Northwest Colorado Council of Governments

CONTACT INFORMATION

ORGANIZATION: Northwest Colorado Council of Governments

PROGRAM: Watershed Services

CONTACT: Robert Ray

TITLE: Watershed Services Program Director

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ADDRESS:**

MAILING P.O. Box 2308
ADDRESS (if different): Silverthorne, CO 80498

PHONE: (970) 468-0295 **ext:** 104 **FAX:** (970) 468-1208

EMAIL: wq@nwc.cog.co.us

Public Service Company of Colorado

CONTACT INFORMATION

ORGANIZATION: Public Service Company of Colorado
PROGRAM:
CONTACT: Eldon Lindt
TITLE:
PHYSICAL ADDRESS: 550 15th St, Suite 1000
Denver, CO 80202-4256
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PHONE: (720) 497-2110 **ext:** **FAX:** (720) 497-2117
EMAIL:

Rio Blanco Oil Shale Co.

CONTACT INFORMATION

ORGANIZATION: Rio Blanco Oil Shale Co
PROGRAM:
CONTACT: H.W. Earnest
TITLE:
PHYSICAL ADDRESS:
MAILING ADDRESS (if different):
PHONE: **ext:** **FAX:**
EMAIL:

Rocky Mountain Hydro, Inc.

CONTACT INFORMATION

ORGANIZATION: Rocky Mountain Hydro, Inc.

PROGRAM:

CONTACT: Mike Raisch

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: (303) 940-4545 **ext:** **FAX:**

EMAIL:

Rocky Mountain Mineral Law Foundation

CONTACT INFORMATION

ORGANIZATION: Rocky Mountain Mineral Law Foundation

PROGRAM:

CONTACT: David Phillips

TITLE:

**PHYSICAL
ADDRESS:** 9191 Sheridan Blvd, Suite 203
Westminster, CO 80031

**MAILING
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PHONE: (303) 321-8100 **ext:** **FAX:** (303) 321-7657

EMAIL: info@rmmlf.org

Sandhills Ground Water Management District

CONTACT INFORMATION

ORGANIZATION: Sandhills Ground Water Management District

PROGRAM:

CONTACT: Aaron Nein

TITLE:

**PHYSICAL
ADDRESS:**

**MAILING
ADDRESS (if different):**

PHONE: (970) 854-3484 **ext:** **FAX:** (970) 854-5235

EMAIL:

Southeast Colorado Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Southeast Colorado Water Conservancy District

PROGRAM:

CONTACT: Steve Arveschoug

TITLE: General Manager

**PHYSICAL
ADDRESS:** P. O. Box 440

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ADDRESS (if different):** 905 Highway 50 West
Pueblo, CO 81002

PHONE: (719) 948-2400 **ext:** **FAX:** (719) 948-0036

EMAIL:

Southwestern Water Conservation District

CONTACT INFORMATION

ORGANIZATION: Southwestern Water Conservation District

PROGRAM:

CONTACT: Lynn Herkenhoff

TITLE:

PHYSICAL ADDRESS: 841 Second Avenue

Durango, CO 81302

MAILING

ADDRESS (if different):

PHONE: (970) 247-1302 **ext:** **FAX:** (970) 259-8423

EMAIL:

Steamboat Springs Water Department

CONTACT INFORMATION

ORGANIZATION: Steamboat Springs Water Department

PROGRAM:

CONTACT: Joe Zimmerman

TITLE:

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: (970) 879-2424 **ext:** **FAX:** (970) 871-6306

EMAIL:

Town of Breckenridge, Colorado

CONTACT INFORMATION

ORGANIZATION: Town of Breckenridge

PROGRAM:

CONTACT: Gary Roberts

TITLE: Water System Supervisor

PHYSICAL ADDRESS: 1095 Airport Road
Breckenridge, CO 80424-0168

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PHONE: (970) 453-3173 **ext:** **FAX:** 9704531513

EMAIL:

Trout Unlimited

CONTACT INFORMATION

ORGANIZATION: Trout Unlimited

PROGRAM:

CONTACT: Dave Nickum

TITLE:

PHYSICAL ADDRESS: 1900 13th Street, Suite 101
Boulder, CO 80302

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PHONE: (303) 440-2937 **ext:** **FAX:** (303) 440-7933

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U.S. Bureau of Reclamation (1)

CONTACT INFORMATION

ORGANIZATION: USDOIBureau of Reclamation

PROGRAM:

CONTACT: Brian Person

TITLE: Area Manager

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: **ext:** **FAX:** (970) 663-3212

EMAIL:

U.S. Bureau of Reclamation (3)

CONTACT INFORMATION

ORGANIZATION: USDOIBureau of Reclamation\Great Plains Region

PROGRAM:

CONTACT: Jeff Lucero

TITLE:

PHYSICAL

ADDRESS: Billings, MT

MAILING

ADDRESS (if different):

PHONE: (406) 247-7751 **ext:** **FAX:** (406) 247-7898

EMAIL:

U.S. Bureau of Reclamation (4)

CONTACT INFORMATION

ORGANIZATION: USDO\Bureau of Reclamation\Great Plains Region\Eastern Colorado Area Office

PROGRAM:

CONTACT: Will Tully

TITLE:

PHYSICAL ADDRESS: 11056 West County Road 18E

Loveland, CO 805379711

MAILING

ADDRESS (if different):

PHONE: (970) 962-4368 **ext:** **FAX:** (970) 663-3212

EMAIL:

U.S. Department of Agriculture

CONTACT INFORMATION

ORGANIZATION: U.S. Department of Agriculture

PROGRAM:

CONTACT: Harry Smith

TITLE:

PHYSICAL ADDRESS: 655 Parfet Street, Room E200C

Lakewood, CO 80215-5517

MAILING

ADDRESS (if different):

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EMAIL: ssimpson@co.nrcs.usda.gov

U.S. Environmental Protection Agency (1)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency

PROGRAM:

CONTACT: Tina Laidlaw

TITLE:

PHYSICAL ADDRESS: 999 18th Street, Suite 500

Denver, CO 80202-2466

MAILING

ADDRESS (if different):

PHONE: (303) 312-6880 **ext:** **FAX:** (303) 312-6071

EMAIL: laidlaw.tina@epa.gov

U.S. Environmental Protection Agency (2)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII

PROGRAM: Regional Administrator

CONTACT: Jack McGraw

TITLE: Acting Regional Administrator

PHYSICAL

ADDRESS:

MAILING

ADDRESS (if different):

PHONE: **ext:** **FAX:** (303) 312-6882

EMAIL:

U.S. Environmental Protection Agency (3)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII

PROGRAM:

CONTACT: Jill Minter

TITLE:

PHYSICAL ADDRESS: 999 18th Street, Suite 500/8EPR-EPA
Denver, CO 80202

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PHONE: (303) 312-6084 **ext:** **FAX:** (303) 312-6071

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U.S. Environmental Protection Agency (4)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII

PROGRAM:

CONTACT: Martin McComb

TITLE:

PHYSICAL ADDRESS:

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PHONE: (303) 312-6963 **ext:** **FAX:** (303) 312-6065

EMAIL: mccomb.martin@epa.gov

U.S. Environmental Protection Agency (5)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII

PROGRAM:

CONTACT: Marie Lee

TITLE:

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ADDRESS:**

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PHONE: (303) 312-6176 **ext:** **FAX:** (303) 312-6065

EMAIL:

U.S. Environmental Protection Agency (7)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII

PROGRAM:

CONTACT: Tom Willingham

TITLE:

**PHYSICAL
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PHONE: (303) 312-7756 **ext:** **FAX:** (303) 312-7802

EMAIL:

U.S. Environmental Protection Agency (8)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII
PROGRAM: Region VIII EPA
CONTACT: Karen Hamilton
TITLE:
PHYSICAL ADDRESS: 999 18th Street, Suite 500
Denver, CO 80303
MAILING ADDRESS (if different):
PHONE: (303) 312-6236 **ext:** **FAX:** (303) 312-6071
EMAIL:

U.S. Environmental Protection Agency (9)

CONTACT INFORMATION

ORGANIZATION: U.S. Environmental Protection Agency\Region VIII\EPR\Program Support
PROGRAM: Data Program
CONTACT: Tony Selle
TITLE: Data Team Leader
PHYSICAL ADDRESS: 999 18th Street, Suite 500
Denver, CO 80202
MAILING ADDRESS (if different):
PHONE: (303) 312-6774 **ext:** **FAX:** (303) 312-6065
EMAIL:

U.S. Fish and Wildlife Service (1)

CONTACT INFORMATION

ORGANIZATION: USDO\Fish and Wildlife Service\Colorado Field Office
PROGRAM:
CONTACT:
TITLE: Environmental Contaminants Specialist
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

U.S. Fish and Wildlife Service (2)

CONTACT INFORMATION

ORGANIZATION: USDO\Fish and Wildlife Service\Colorado Field Office
PROGRAM:
CONTACT:
TITLE: Environmental Contaminants Specialist
PHYSICAL ADDRESS: 755 Parfet, Suite 361
Lakewood, CO 80215
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Lakewood, CO 80225-0207
PHONE: (303) 275-2353 **ext:** **FAX:** (303) 275-2371
EMAIL:

U.S. Forest Service\Arapaho-Roosevelt N.F.

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\Arapaho-Roosevelt National Forest

PROGRAM:

CONTACT: Carl Chambers

TITLE:

PHYSICAL ADDRESS: 240 West Prospect Road
Fort Collins, CO 805262098

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EMAIL:

U.S. Forest Service\Grand Mesa-Uncompahgre-Gunnison N.F.

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\Grand Mesa-Uncompahgre-Gunnison

PROGRAM:

CONTACT: John Almy

TITLE:

PHYSICAL ADDRESS: 2250 Highway 50
Delta, CO 81416

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PHONE: (970) 874-6656 **ext:** **FAX:** (970) 874-6686

EMAIL:

U.S. Forest Service\Pike-San Isabel N.F.

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\Pike-San Isabel

PROGRAM:

CONTACT: Charlie Marsh

TITLE:

PHYSICAL

ADDRESS: Colorado Springs, CO

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ADDRESS (if different):

PHONE: (719) 539-3591 **ext:** **FAX:** (719) 539-3593

EMAIL:

U.S. Forest Service\Rio Grande N.F.

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\Rio Grande

PROGRAM:

CONTACT: Les Dobson

TITLE:

PHYSICAL

ADDRESS: 1083 West Highway 160
Monte Vista, CO 81144

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PHONE: (719) 852-6213 **ext:** **FAX:** (719) 852-6250

EMAIL:

U.S. Forest Service\White River N.F.

CONTACT INFORMATION

ORGANIZATION: USDA\Forest Service\White River National Forest

PROGRAM:

CONTACT: Mike Weinhold

TITLE: Forest Hydrologist

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U.S. National Park Service\Mesa Verde Unit

CONTACT INFORMATION

ORGANIZATION: USDOI\National Park Service\Mesa Verde Unit

PROGRAM:

CONTACT: Harold Welty

TITLE:

**PHYSICAL
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PHONE: (970) 565-4631 **ext:** **FAX:** (970) 529-4498

EMAIL:

U.S. National Park Service\Rocky Mountain National Park

CONTACT INFORMATION

ORGANIZATION: USDO\National Park Service\Rocky Mountain National Park

PROGRAM:

CONTACT: Ken Czarnowski

TITLE:

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ADDRESS (if different):**

PHONE: (970) 586-1263 **ext:** **FAX:**

EMAIL:

University of Colorado

CONTACT INFORMATION

ORGANIZATION: University of Colorado at Boulder

PROGRAM:

CONTACT: Bill Lewis

TITLE:

**PHYSICAL
ADDRESS:**

MAILING Campus Box 216
ADDRESS (if different): Boulder, CO 80309

PHONE: (303) 492-6378 **ext:** **FAX:** (303) 492-0928

EMAIL: lewis@spot.colorado.edu

University of Southern Colorado

CONTACT INFORMATION

ORGANIZATION: University of Southern Colorado/Dept. of Life Sciences
PROGRAM:
CONTACT: Scott Herrmann
TITLE:
PHYSICAL ADDRESS: 2200 Bonforte Blvd.
Pueblo, CO 81001-4901
MAILING ADDRESS (if different):
PHONE: (719) 549-2492 **ext:** **FAX:** (719) 549-2732
EMAIL: herrmann@uscolo.edu

Upper Black Squirrel Creek Water Management District

CONTACT INFORMATION

ORGANIZATION: Upper Black Squirrel Creek Water Management District
PROGRAM:
CONTACT: Dean Goss
TITLE: President
PHYSICAL ADDRESS: Calhan, CO
MAILING ADDRESS (if different): 23355 Highway 94, Attn: Linda
Calhan, CO 80808
PHONE: (719) 683-3710 **ext:** **FAX:**
EMAIL:

URS Corporation

CONTACT INFORMATION

ORGANIZATION: URS Corporation\Water Resources

PROGRAM:

CONTACT:

TITLE:

PHYSICAL 8181 East Tufts Avenue

ADDRESS: Denver, CO 80237

MAILING

ADDRESS (if different):

PHONE: (303) 694-2770 **ext:** **FAX:** (303) 694-3946

EMAIL:

W-Y Ground Water Users Association

CONTACT INFORMATION

ORGANIZATION: W-Y Ground Water Users Association

PROGRAM:

CONTACT: Jack Adams

TITLE:

PHYSICAL

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ADDRESS (if different):

PHONE: (970) 848-5333 **ext:** **FAX:** (970) 848-2364

EMAIL:

Water Consult

CONTACT INFORMATION

ORGANIZATION: Water Consult

PROGRAM:

CONTACT: Matt Cook

TITLE:

PHYSICAL ADDRESS: 535 N. Garfield
Loveland, CO 80537

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PHONE: (970) 667-8690 **ext:** **FAX:** (970) 667-8692

EMAIL: mcook@waterconsult.com

Water Engineering & Technology Inc.

CONTACT INFORMATION

ORGANIZATION: Water Engineering & Technology Inc.

PROGRAM:

CONTACT: Chester C. Watson

TITLE:

PHYSICAL ADDRESS:

MAILING ADDRESS (if different):

PHONE: **ext:** **FAX:**

EMAIL:

Western Engineers Inc.

CONTACT INFORMATION

ORGANIZATION: Western Engineers Inc.

PROGRAM:

CONTACT: Bruce Marvin

TITLE:

**PHYSICAL
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PHONE: (970) 242-5202 **ext:** **FAX:** (970) 242-1672

EMAIL:

World Data Center

CONTACT INFORMATION

ORGANIZATION: World Data Center

PROGRAM:

CONTACT:

TITLE:

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PHONE: **ext:** **FAX:** (202) 334-1377

EMAIL:

Wright Water Engineers, Inc.

CONTACT INFORMATION

ORGANIZATION: Wright Water Engineers, Inc.

PROGRAM:

CONTACT: Ken Wright

TITLE:

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**MAILING
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EMAIL:

Yellow Jacket Water Conservancy District

CONTACT INFORMATION

ORGANIZATION: Yellow Jacket Water Conservancy District

PROGRAM:

CONTACT: F.G. Cooley

TITLE: Secretary and Counsel

**PHYSICAL
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ADDRESS (if different):** Meeker, CO 81641

PHONE: (970) 878-5065 **ext:** **FAX:** (970) 878-5800

EMAIL:

SECTION IV

APPENDIX

Questionnaire

GENERAL CONTACT INFORMATION

1. What is the full organizational name where the database is located (e.g., department, division, unit, program)?

Organization _____ \ _____ \ _____

Program _____

2. What is the name of the contact person? _____

3. What is the contact person's title? _____

4. What is your physical address? Street/POB # _____

Suite/Mail Stop # _____ City _____ State _____ Zip _____

5. What is your mailing address, if different? Street/POB # _____

Suite/Mail Stop # _____ City _____ State _____ Zip _____

6. What is your Telephone # (_____) _____ -- _____ Extension _____

7. What is your Fax # (_____) _____ -- _____

8. What is your E-mail address? _____

9. How many different data sets do YOU manage? _____ (Please remember to complete a survey for each.)

DATABASE DESCRIPTION

10. What is the name of this data set? _____

11. What is the geographic coverage of the data set? (e.g. city, county, watershed, stream segment, statewide)

12. What type of activity(ies) do you use the data set to support? (Please check each that applies.)

a) Research [] Policy making [] Planning [] Regulation [] Remediation [] Monitoring [] Public Information [] Other []

- b) If other, what type of activities 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

13. Does the data set contain data for (Please check each that applies.):
SURFACE WATER: streams [] lake/reservoirs [] wetlands [] GROUND WATER []

14. Do you obtain these data directly from (Please check each that applies.): sampling [] other secondary sources: []

15. If from other secondary sources, what is each, and who is the contact and how can we contact them?

<u>Data Source</u>	<u>Contact</u>	<u>Contact Data</u>

16. How many sampling **EVENTS** does the data set contain? _____ Do you have any comments you want to make about your 'EVENTS' response? _____

17. How many sampling **SITES** does the data set contain? _____ Do you have any comments you want to make about your 'SITES' response? _____

18. How many **PARAMETERS** does the data set contain (i.e., number of fields per sampling event, including e.g., locational attributes, sampling protocol, etc.)? _____ Do you have any comments you want to make about your 'PARAMETERS' response? _____

19. What types of sample media are included in the data set? (Please check each that applies.)

Water [] Sediment [] Biological Tissue []

20. What types of data elements are contained in the data set? (Please check each that applies.)

a) Major anions and cations [] Trace Inorganics (incl. Metals) [] Radiological []
Major organics (i.e. TOC, TPH, O&G, etc) [] Trace organics (i.e. pesticides, VOCs, etc) [] Nutrients []
Physical (i.e. flow, pH, conductivity, TDS, TSS, etc.) [] Microbiological (i.e. virus, bacteria, algae, etc) []
Macrobiological (fish, macroinvertebrates, etc) [] General biological (BOD, toxicity, habitat indicators, etc) []
Locational [] Other []

b) If other, what are they? _____

Directory of Colorado Water Quality Data, Colorado Geological Survey

21. Do you maintain metadata, i.e., data about sampling, quality assurance/quality control (QA/QC), and analyses protocols? (Please check one): Yes [] No []

22. How is the data set stored? (Please check each that applies.)

Hard copy [] Electronic text document [] Electronic spreadsheet [] Electronic database []

a) If hardcopy, in what format are the data? Files [] Reports [] Maps [] Microfiche [] other []

b) If you checked other for hardcopy, what are they? _____

c) If digital/electronic:

* What software and hardware do you use? _____

* Do you have digital map coordinates (e.g., latitude-longitude, UTM, State Plane Coordinates, but NOT legal description) for the sample sites? (Please check one.) Yes [] No []

* If yes, what is the coordinate type (e.g., latitude-longitude, UTM, State Plane Coordinates, other?)

* Do you have other electronic/digital comments? _____

d) Do you upload the dataset to the EPA STORET national database? (Please check one.) Yes [] No []

23. What is the historical time period covered by the data set?

From: _____ To: _____ OR To Present (check) []

a) Do you have any additional comments regarding the 'historical time period covered'? _____

24. What is the frequency of sample events? (Please check each that applies.)

a) Annually [] Seasonally [] Monthly [] >1X/month [] Continuous [] Variable []
one time only []

b) Do you have any additional comments regarding the 'frequency of sampling events'? _____

25. Generally, how much time passes between sampling and when the data can be accessed? _____

Directory of Colorado Water Quality Data, Colorado Geological Survey

26. Is the data set available to the public? (Please check one.) 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 set is available conditionally, what are the conditions? _____

27. Are the metadata or the monitoring data available on the Internet? (Please check one.) a) Yes [] No []

b) If 'yes', metadata address:

c) If 'yes', monitoring data address:

28. Who do you think would use or benefit from the type of data gathered for this directory? _____

29. Do you know of other water quality data sets developed or maintained by others in your organization?
(Please check one.) a) Yes [] No []

b) If you answered yes, please provide the data set name, contact name, and contact information (i.e., telephone #, fax #, and email address) so that we can contact them. _____

30. Do you have any comments you want to add? (Use an additional page if you need it.) _____

31. Information provided by: _____ Date: _____

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Data Availability by Organization

ORGANIZATION	Surface Water	Ground Water	Inorganics	Organics	Biological	Nutrients
Animas River Stakeholders Group	Yes	Yes	Yes	No	Yes	No
ASARCO, Inc.(1)	Yes	No	Yes	No	Yes	No
ASARCO, Inc.(2)	Yes	No	Yes	No	No	No
Boulder County Health Department	No	Yes	Yes	Yes	No	Yes
Boxelder Sanitation District	Yes	No	Yes	No	Yes	No
Breckenridge Sanitation District	Yes	No	Yes	No	No	Yes
Cherokee Water and Sanitation District	No	Yes	Yes	Yes	No	Yes
Cherry Creek Basin Water Quality Authority	Yes	Yes	Yes	Yes	Yes	Yes
City of Arvada, Colorado	Yes	No	Yes	Yes	Yes	Yes
City of Aspen, Colorado	Yes	Yes	Yes	Yes	Yes	Yes
City of Aurora, Colorado	Yes	No	Yes	Yes	Yes	Yes
City of Aurora, Colorado	Yes	Yes	Yes	Yes	Yes	Yes
City of Longmont, Colorado	Yes	No	Yes	No	No	No
City of Thornton, Colorado	Yes	Yes	Yes	Yes	Yes	Yes
Colorado Division of Minerals and Geology (1)	Yes	Yes	Yes	No	Yes	Yes
Colorado Division of Minerals and Geology (2)	Yes	Yes	Yes	Yes	Yes	Yes
Colorado Division of Minerals and Geology (3)	Yes	No	Yes	No	No	No
Colorado Division of Water Resources	No	Yes	No	Yes	No	Yes
Colorado Division of Wildlife (1)	Yes	No	Yes	No	Yes	Yes
Colorado Geological Survey (1)	Yes	No	Yes	No	No	No
Colorado Geological Survey (2)	Yes	No	Yes	No	No	No
Colorado Geological Survey (3)	Yes	Yes	Yes	Yes	No	No
Colorado Hazardous Materials and Waste Management Division	Yes	Yes	Yes	Yes	Yes	Yes
Colorado Oil and Gas Conservation Commission	No	Yes	Yes	Yes	Yes	Yes
Colorado Soil Conservation Board	Yes	No	Yes	Yes	Yes	Yes
Colorado State University (2)	Yes	No	Yes	No	Yes	Yes
Colorado Water Quality Control Division (3)	No	Yes	Yes	Yes	Yes	Yes
Colorado Water Quality Control Division (4)	No	Yes	Yes	No	No	Yes
Colorado Water Quality Control Division (5)	Yes	Yes	Yes	No	Yes	Yes
Custer County, Colorado	No	Yes	Yes	Yes	Yes	No
Denver Regional Council of Governments	Yes	Yes	Yes	Yes	Yes	Yes
Denver Water	Yes	No	Yes	Yes	Yes	Yes
Evergreen Metropolitan District/Water Plant	Yes	No	No	Yes	No	No
Grand County, Colorado	Yes	Yes	Yes	Yes	No	Yes
HRS Water Consultants	No	Yes	Yes	Yes	No	Yes
Jackson County Water Conservancy District	Yes	No	Yes	No	Yes	Yes
Leonard Rice Consulting Water Engineers Inc. (1)	Yes	No	Yes	No	Yes	Yes
Leonard Rice Consulting Water Engineers Inc. (2)	Yes	No	Yes	Yes	No	Yes
Lower South Platte Water Conservancy District (1)	No	Yes	No	No	No	Yes
Lower South Platte Water Conservancy District (2)	No	Yes	No	No	No	Yes
Metropolitan Wastewater Reclamation District	Yes	Yes	Yes	Yes	Yes	Yes
Natural Resources Conservation Service	No	Yes	No	No	No	Yes
North Front Range Water Quality Planning Association	No	Yes	Yes	Yes	No	Yes
Northern Colorado Water Conservancy District	Yes	No	Yes	Yes	Yes	Yes
Pikes Peak Area Council of Governments	Yes	Yes	Yes	Yes	Yes	No
Pine Brook Water District	Yes	No	Yes	Yes	Yes	No
Saint Charles Mesa Water District	No	Yes	Yes	Yes	Yes	No
South Platte Coalition for Urban River Evaluation	Yes	Yes	Yes	Yes	Yes	Yes

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ORGANIZATION	Surface Water	Ground Water	Inorg- anics	Organ- ics	Bio- logical	Nut- rients
U.S. Bureau of Land Management (1)	Yes	No	Yes	No	No	No
U.S. Bureau of Land Management (2)	Yes	Yes	Yes	Yes	No	Yes
U.S. Bureau of Land Management (3)	Yes	No	Yes	No	No	No
U.S. Bureau of Land Management (4)	Yes	No	Yes	No	No	Yes
U.S. Bureau of Land Management (5)	Yes	No	No	Yes	No	No
U.S. Bureau of Reclamation (2)	No	Yes	Yes	No	No	No
U.S. Bureau of Reclamation (5)	No	Yes	No	No	No	No
U.S. Bureau of Reclamation (6)	Yes	No	No	No	No	No
U.S. Bureau of Reclamation (7)	Yes	No	No	No	No	No
U.S. Bureau of Reclamation (8)	Yes	No	No	No	Yes	No
U.S. Bureau of Reclamation (9)	No	Yes	No	No	No	No
U.S. Bureau of Reclamation (10)	Yes	Yes	No	No	No	No
U.S. Bureau of Reclamation (11)	Yes	Yes	No	No	No	No
U.S. Department of Defense	Yes	Yes	Yes	Yes	No	No
U.S. Environmental Protection Agency (6)	Yes	No	Yes	Yes	Yes	Yes
U.S. Fish and Wildlife Service (3)	Yes	No	Yes	No	No	No
U.S. Fish and Wildlife Service (4)	Yes	No	Yes	No	No	No
U.S. Fish and Wildlife Service (5)	Yes	No	Yes	No	No	No
U.S. Forest Service\Rocky Mountain Region	Yes	Yes	No	No	Yes	Yes
U.S. Geological Survey (1)	Yes	Yes	Yes	Yes	Yes	Yes
U.S. Geological Survey (2)	Yes	No	Yes	Yes	Yes	Yes
U.S. National Park Service\Black Canyon National Park	Yes	No	Yes	No	Yes	Yes
U.S. National Park Service\Colorado National Monument	Yes	No	No	No	No	No
U.S. National Park Service\Florissant Fossil Beds National	Yes	No	No	No	Yes	Yes
Upper Gunnison River Water Conservancy District	Yes	Yes	Yes	No	Yes	Yes
URS Operating Services, Inc.	Yes	Yes	Yes	Yes	Yes	Yes
Ute Water Conservancy District	Yes	No	Yes	No	Yes	No

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