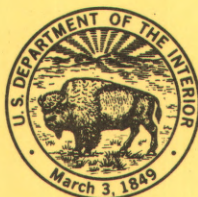


# nawdex

NATIONAL WATER DATA EXCHANGE

DIRECTORY OF MEMBER ORGANIZATIONS  
OF THE NATIONAL WATER DATA  
EXCHANGE (NAWDEX)



U.S. GEOLOGICAL SURVEY  
Open-File Report 84-469



# DIRECTORY OF MEMBER ORGANIZATIONS OF THE NATIONAL WATER DATA EXCHANGE (NAWDEx)

By Cassandra D. Blackwell

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U.S. GEOLOGICAL SURVEY  
Open-File Report 84—469  
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DIRECTORY OF MEMBER ORGANIZATIONS  
OF  
THE NATIONAL WATER DATA EXCHANGE (NAWDEX)

by

Cassandra D. Blackwell

ABSTRACT

The National Water Data Exchange (NAWDEX) is a national confederation of water-oriented organizations working together to improve access to water data. It consists of member organizations from all sectors of the water-data community. This Directory provides the names, addresses, and telephone numbers of all NAWDEX member organizations and their designated NAWDEX representatives.

INTRODUCTION

The National Water Data Exchange (NAWDEX) is a national program to assist users of water data or water-related data in identifying, locating, and acquiring needed data. A variety of data, indexing, assistance and referral services are provided through a nationwide network of Assistance Centers located in 45 States and Puerto Rico. The program is centrally managed and coordinated by a NAWDEX Program Office located within the U.S. Geological Survey in Reston, Va. NAWDEX is a national confederation consisting of member organizations from all sectors of the water-data community including Federal, State, local governmental, academic, interstate, and private organizations. Foreign organizations are also invited to become affiliated with the program. This Directory provides the names, addresses, and telephone numbers of all NAWDEX member organizations and their designated NAWDEX representatives.

NAWDEX MEMBERSHIP

Membership in NAWDEX is voluntary and open to any water-oriented organization that wishes to take an active role. No dues or fees are associated with becoming a member. Members are required, however, to sign a memorandum of understanding with the NAWDEX Program Office that defines a member's general commitment to take an active role in NAWDEX activities, to provide information on its data holdings for indexing purposes, and to provide data from its holdings upon request. A sample copy of the memorandum of understanding is shown in the appendix. The contents of the memorandum of understanding may be amended, as necessary, to meet individual requirements of member organizations.

## PURPOSE OF THE DIRECTORY

This Directory is provided to identify member organizations of NAWDEX and to provide points of contact for NAWDEX activities within these organizations. In this manner, direct channels of communication are established between members, thereby improving communication throughout the water-data community. The Directory is updated periodically to include new member organizations.

## ADDITIONAL INFORMATION

Additional information concerning the NAWDEX program, membership, and services available may be obtained from:

National Water Data Exchange  
U.S. Geological Survey  
421 National Center  
Reston, VA 22092

Telephone: (703) 860-6031  
FTS 928-6031



DIRECTORY OF MEMBER ORGANIZATIONS

Agricultural Research Service-USDA

U.S. Dept. of Agriculture  
Room 236, Building 007  
Beltsville, MD 20705

Designated Representative:  
James B. Burford, Chief, Water Data Lab  
Telephone: (301) 344-3550

Alabama Geological Survey

P.O. Drawer 0  
University, AL 35486

Designated Representative:  
Thornton L. Neathery, Director  
Program Development  
Telephone: (205) 349-2852

Alaska Department of Environmental Conservation

State of Alaska  
Department of Environmental Conservation  
Pouch 0, Mail Stop 1800  
Juneau, AK 99811

Designated Representative:  
Michael A. Angelo, Systems Analyst  
Telephone: 8-(907) 465-2621

Alaska Department of Fish and Game--Habitat Division

333 Raspberry Road  
Anchorage, AK 99502

Designated Representative:  
Dr. Phyllis K. Weber  
Telephone: (907) 344-0541

Alaska Department of Natural Resources

DGGS  
P.O. Box 772116  
Eagle River, AK 99577

Designated Representative:  
William E. Long  
Chief, Water Resources Section  
Telephone: (907) 688-3555

Alaska Department of Transportation and Public Facilities

Bridge Design Section  
P. O. Box 3-1000  
Juneau, AK 99811

Designated Representative:  
D. E. Halstead  
Telephone: (907) 789-0841, Ext. 235

Alaska Pipeline Coordinator's Office

See: State of Alaska Pipeline Coordinator's Office

Argonne National Laboratory

EES-Building 362, Room F353  
9700 South Cass Avenue  
Argonne, IL 60439

Designated Representative:  
Doratheia Demmitt  
Telephone: (312) 972-8023  
FTS 972-8023

Arkansas Department of Pollution Control and Ecology

8001 National Drive  
Little Rock, AR 72209

Designated Representative:  
R. C. Wilson, Data Base Analyst  
Telephone: (501) 562-7444

Arkansas Soil and Water Conservation Commission

One Capitol Mall  
Suite 2D  
Little Rock, AR 72201

Designated Representative:  
Jon Sweeney  
Telephone: (501) 371-1611

Army Corps of Engineers

U.S. Army Corps of Engineers  
DAEN-CWE-HW  
Washington, D.C. 20314

Designated Representative:  
Eugene Stallings  
Office of the Chief of Engineers  
Telephone: (202) 272-0226

Ayres Associates

Reeco Park  
1300 West Clairemont Avenue  
Eau Claire, WI 54701

Designated Representative:  
Glen Tamke  
Telephone: (715) 834-3161

Battelle Pacific Northwest Laboratory

P.O. Box 999  
Richland, WA 99352

Designated Representative:  
Richard L. Skaggs, Research Engineer  
Telephone: (509) 375-2055

BCI Geonetics, Inc.

P.O. Box 529  
Airport Road  
Laconia, NH 03247

Designated Representative:  
Rosemarie De Mars  
Telephone: (603) 528-1007

Black and Veatch, Engineers-Architects

P. O. Box 8405  
Kansas City, MO 64114

Designated Representative:  
Richard P. Byrne  
Telephone: (913) 967-3624

Bonneville Power Administration (USDOE)

P.O. Box 3621  
Portland, OR 97208

Designated Representatives:

Bettye L. Holmen (Administrative)  
Telephone: (503) 230-5329

Michael Deatherage-Newsom (Technical matters)  
Telephone: FTS: 8-429-5341

Boyle Engineering Corporation

7807 Convoy Court, Suite 200  
San Diego, CA 92111

Designated Representative:

Katherine Popko  
Telephone: (619) 268-8080

Denver West--Building 19  
1667 Cole Boulevard  
Suite 275  
Golden, CO 80401

Designated Representative:

Ray Bennett  
Telephone: (303) 232-4200

Bromwell Engineering, Inc.

202 Lake Miriam Drive  
P.O. Box 5467  
Lakeland, FL 33803

Designated Representative:

Lee K. Bruno, Librarian  
Telephone: (813) 646-8591

Brookhaven National Laboratory

Building 475  
Upton, NY 11973

Designated Representative:

Dr. Edward Kaplan  
Telephone: (516) 282-2007  
FTS 666-2007

Bureau of Land Management (U.S.)

U.S. Department of the Interior  
18th and C Streets, N.W.  
Washington, D.C. 20240

Designated Representative:

Collis J. Lovely, Hydrologist  
Division of Rangeland Resources, (Code 222)  
Telephone: (202) 653-9210  
FTS 653-9210



Names and addresses of the contacts for Bureau of Land Management State Offices (State Hydrologists) follow:

Lyle Linnell, Hydrologist  
Division of Resources  
BLM Alaska State Office  
701 C Street, Box 13  
Anchorage, AK 99513  
Telephone: (907) 271-5069  
            FTS 399-0150 (ask operator  
                            for) (907) 271-5069

Robert Roudabush, Hydrologist  
Division of Resources  
BLM Arizona State Office  
2400 Valley Bank Center  
Phoenix, AZ 85073  
Telephone: (602) 261-3077  
            FTS 261-3077

Karl Gebhardt, Hydrologist  
Division of Resources  
BLM Idaho State Office  
Federal Building  
550 West Fort Street, Box 042  
Boise, ID 83724  
Telephone: (208) 334-1484  
            FTS 554-1484

Mike Whittington, Hydrologist  
Division of Resources  
BLM Montana State Office  
P.O. Box 30157  
Billings, MT 59107  
Telephone: (406) 657-4641  
            FTS 585-6474

Herbert Garn, Hydrologist  
Division of Resources  
BLM New Mexico State Office  
P.O. Box 1449  
Santa Fe, NM 87501  
Telephone: (505) 988-6227  
            FTS 476-1227

Dick Jewell, Hydrologist  
Division of Resources  
BLM Nevada State Office  
P.O. Box 12000  
Reno, NV 89520  
Telephone: (720) 784-5455  
            FTS 470-5455

State Office Hydrologist  
Division of Resources  
BLM California State Office  
Federal Office Building  
2800 Cottage Way, Room E-2841  
Sacramento, CA 95825  
Telephone: (916) 484-4701  
            FTS 468-4701

State Office Hydrologist  
Division of Resources  
BLM Colorado State Office  
Colorado State Bank Building  
1600 Broadway, Room 700  
Denver, CO 80202  
Telephone: (303) 837-4888  
            FTS 327-4888

William Brookes, Hydrologist  
Division of Resources  
BLM Oregon State Office  
P.O. Box 2965  
Portland, OR 97208  
Telephone: (503) 231-2253  
            FTS 429-2253

Boyd Christensen, Hydrologist  
Division of Resources  
BLM Utah State Office  
University Club Building  
136 East South Temple  
Salt Lake City, UT 84111  
Telephone: (801) 524-5326  
            FTS 588-5326

State Office Hydrologist  
Division of Resources  
BLM Eastern States Office  
350 South Pickett Street  
Alexandria, VA 22304  
Telephone: (703) 235-2866  
            FTS 235-2866

Richard McQuisten, Hydrologist  
Division of Resources  
BLM Wyoming State Office  
P.O. Box 1828  
Cheyenne, WY 82001  
Telephone: (307) 778-2220  
            FTS 328-2425

Bureau of Reclamation

U.S. Department of the Interior  
Room 7447, Interior Building  
Washington, DC 20240

Designated Representative:

David F. Gudgel  
Telephone: (202) 343-5275  
FTS 343-5275

Upper Missouri Region Bureau of Reclamation

P.O. Box 2553  
Billings, MT 59103

Designated Representative:

John Dooley, Regional Hydrologist  
Telephone: (406) 657-6517  
FTS 585-6517

(Alternate: Gordon Aycock)

Burns and McDonnell

4600 East 63rd Street  
P.O. Box 173  
Kansas City, MO 64141

Designated Representative:

John P. Alexander  
Telephone: (816) 333-4375

(Alternate: Gene Foster)

Calgon Corporation

Route 60 at Campbell's Run Road  
Pittsburgh, PA 15230

Designated Representative:

M. L. Stonehouse  
Information Center  
Telephone: (412) 923-2345 (Ext. 354)

California Department of Water Resources

P.O. Box 388  
Sacramento, CA 95802

Designated Representative:  
Edwin A. Ritchie, Statewide Data Coordinator  
Division of Planning  
Telephone: (916) 445-7314  
FTS 465-7314

Carolina Power & Light Company

P.O. Box 1551  
Raleigh, NC 27602

Designated Representative:  
C. C. Wheeler, Senior Engineer  
Telephone: (919) 836-6725

Cathedral Bluffs Shale Oil Company

P.O. Box 2687  
Grand Junction, CO 81502

Designated Representative:  
D.E. Meacham, Technical Systems Specialist  
Telephone: (303) 244-3230

(Alternate: Gale A. Kraft, Data Coordinator)

Center for Coastal Zone Research, Florida Institute of Technology

Melbourne, FL 32901

Designated Representative:  
Dr. Iver W. Duedall, Dept. Head  
Oceanography and Ocean Engineering  
Telephone: (305) 723-3701, Ext. 302

Center for Marine Studies, San Diego State University

San Diego, CA 92182

Designated Representative:  
Dr. James H. Mathewson, Professor of Chemistry and  
Chairman Dept. of Natural Science  
Telephone: (714) 286-5157

Center for Water Resources Research, Utah State University

Utah State University, UMC 82  
Logan, UT 84322

Designated Representative:  
Dr. Christopher Duffy  
Telephone: (801) 752-3192

Charles T. Main, Inc.

2 Fairview Plaza  
5950 Fairview Road  
P.O. Box 240236  
Charlotte, NC 28224

Designated Representative:  
Danny H. Sloop  
Telephone: (704) 554-1100  
  
(Alternate: George Hogshed)

CH2M Hill

1941 Roland Clarke Place  
Reston, VA 22091

Designated Representative:  
Steve King  
Water Resources  
Telephone: (703) 620-5200

City of Everett Engineering Department

3200 Cedar Street  
Everett, WA 98201

Designated Representative:  
Daniel J. Mathias, Asst. Engineer  
Telephone: (206) 259-8811

City of Savannah Industrial and Domestic Water Supply

P.O. Box 4101  
Port Wentworth, GA 31407

Designated Representative:  
Harry Jue, Jr.  
Water Operations Administrator  
Telephone: (912) 964-5115



Colorado Department of Natural Resources

Division of Water Resources  
1313 Sherman Street  
Room 818  
Denver, CO 80203

Designated Representative:

Dr. Jeris A. Danielson, State Engineer  
Telephone: Admin. (303) 866-3581  
GW (303) 866-3311

Columbia National Fisheries Research Laboratory

U.S. Fish and Wildlife Service  
Route 1  
Columbia, MO 65201

Designated Representative:

Ell-Piret Multer  
Telephone: (314) 875-5399  
FTS 276-5399

(Alternate: Chris Schmitt)

Cooperative Instream Flow Service Group

U.S. Fish and Wildlife Service  
Office of Biological Services  
Western Energy and Land Use Team  
Drake Creekside Building I  
2627 Redwing Road  
Fort Collins, CO 80526

Designated Representative:

Dr. Robert T. Milhous  
Telephone: (303) 226-9331  
FTS 323-5333

Council on Environmental Quality (U.S.)

722 Jackson Place, N.W.  
Washington, DC 20006

Designated Representative:

Gordon Brady  
Telephone: (202) 395-5760

Department of Energy (U.S.)

Environmental Issues Division  
EP-33, 4G-036 Forrestal Bldg.  
Washington, DC 20585

Designated Representative:

Mr. Eugene Krug  
Telephone: (202) 252-4760  
FTS 252-4760

Department of Municipal Utilities

Municipal Building  
Fort Dodge, IA 50501

Designated Representative:

Vincent Gardner, Manager  
Telephone: (515) 573-7156

DGR Engineering Services, Inc.

Ashland-Hanover Office Building  
Suite 300  
201 N. Washington Highway  
Ashland, VA 23005

Designated Representative:

Mow-Soung Cheng  
Telephone: (804) 798-1618

Duke University, School of Engineering

Department of Civil Engineering  
Durham, NC 27706

Designated Representative:

Dr. Miguel A. Medina, Jr.  
Telephone: (919) 684-2434

Dunn Geoscience Corporation

5 Northway Lane, North  
Latham, New York 12110

Designated Representative:

D. Theodore Clark  
Director, Ground Water Division  
Telephone: (518) 783-8102

(Alternate: James Narkunas)

Dynamac Corporation

11140 Rockville Pike  
Rockville, MD 20852

Designated Representative:

Lou Borghi

Telephone: (301) 468-2500

Eastern Energy and Land Use Team

EELUT

U.S. Fish and Wildlife Service  
Route 3, Box 44  
Kearneysville, WV 25430

Designated Representative:

Dr. James M. Brown

Telephone: (304) 725-2061

Edward E. Clark Engineers-Scientists, Inc.

7520 Southwest 57th Avenue  
Miami, FL 33143

Designated Representative:

Edward E. Clark, President

Telephone: (305) 665-5736

Electric Power Research Institute

3412 Hillview Avenue  
P.O. Box 10412  
Palo Alto, CA 94303

Designated Representative:

Edward G. Altouney

Energy Resources Program

Telephone: (415) 855-2626

FTS 8-(415)-855-2626

Enviro-Energy Technology Center (EETC)

Corporate Research & Innovation Group-REXNORD  
5101 West Beloit Road  
P.O. Box 2022  
Milwaukee, WI 53201

Designated Representative:

Thomas Harris, Computer Specialist

Telephone: (414) 643-2756

Environmental Protection Agency (U.S.)

401 M. Street  
Washington, DC 20460

Designated Representatives:

Philip L. Taylor, Chief  
Environmental Analysis Section  
Telephone: (202) 382-7046

Charles S. Conger, Chief  
Data Processing & User Assist. Branch  
Telephone: (202) 382-7220

Fred Leutner  
Monitoring and Data Support Division  
Telephone: (202) 382-7040

Environmental Protection Agency, Region III

6th & Walnut Streets  
Philadelphia, PA 19106

Designated Representative:

Stuart Kerzner, Hydrologist  
Water Supply Branch  
Telephone: (215) 597-3427

Environmental Protection Agency, Region IV

College Station Road  
Athens, GA 30613

Designated Representative:

Will Holsomback  
Telephone: (404) 546-3548  
FTS 250-3548

Environmental Protection Agency, Region V

230 South Dearborn Street  
Chicago, IL 60604

Designated Representative:

Stuart C. Ross  
Data Processing Branch  
Telephone: (312) 353-0299  
FTS 353-0299

Environmental Research and Technology, Inc.

P.O. Box 2105  
1716 Heath Parkway  
Fort Collins, CO 80522

Designated Representative:  
Richard Spotts, Water Resources Specialist  
Telephone: (303) 493-8878 ext. 228

696 Virginia Road  
Concord, MA 01742

Designated Representative:  
Lena Blais  
Water Resources Operation  
Telephone: (617) 369-8910

Environmental Resources Management, Inc.

999 West Chester Pike  
P.O. Box 357  
West Chester, PA 19380

Designated Representative:  
Mary Elms  
Telephone: (215) 696-9110

Espey, Huston & Associates, Inc.

P.O. Box 519  
Austin, TX 78767

Designated Representative:  
John F. Burgin  
Telephone: (512) 327-6840

Federal Energy Regulatory Commission

Division of Hydropower Licensing  
825 North Capitol Street  
Washington, DC 20426

Designated Representative:  
J. Mark Robinson  
Telephone: (202) 376-9060



Federal Highway Administration

U.S. Department of Transportation  
400 Seventh Street, S.W.  
Washington, DC 20590

Designated Representative:  
Steven Chase  
Hydraulics Branch, HNG-31  
Telephone: (202) 472-7690

Fish and Wildlife Service (U.S.)

See: Columbia National Fisheries Research Laboratory;  
Cooperative Instream Flow Service Group; and  
Eastern Energy and Land Use Team

Florida Department of Environmental Regulation

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32301

Designated Representative:  
Jon Winter  
Bureau of Information Systems  
Telephone: (904) 488-0890

Florida Institute of Phosphate Research

1855 West Main Street  
Bartow, FL 33830

Designated Representative:  
Betty Faye Stidham, Librarian  
Telephone: (813) 533-0983

Forest Service (U.S.)

U.S. Department of Agriculture  
P.O. Box 2417  
Washington, DC 20013

Designated Representatives:  
Warren C. Harper  
Telephone: (703) 235-8178

John F. Corliss  
Forest Environmental Research  
Room 808 RP-E  
Telephone: (703) 235-1071

Dick Stump  
Area Planning and Development  
Telephone: (202) 882-9349

Additional Forest Service Designated Representatives

Directors of Soil, Water and Air

Region 1 Sherwood C. Trotter  
Federal Building  
P.O. Box 7669  
Missoula, MT 59807

Region 2 Thomas E. Schessler  
11177 West 8th Avenue  
Box 25127  
Lakewood, CO 80225

Region 3 Noel Larson  
Federal Building  
517 Gold Avenue, S.W.  
Albuquerque, NM 87102

Region 4 Adrian Dalton  
Federal Building  
324 25th Street  
Ogden, UT 84401

Region 5 Andrew A. Leven  
630 Sansome Street  
San Francisco, CA 94111

Region 6 Arvid C. Ellson  
319 S.W. Pine Street  
Box 3623  
Portland, OR 97208

Region 8 Regional Hydrologist  
1720 Peachtree Road, N.W.  
Atlanta, GA 30309

Region 9 Ken Holtje  
633 West Wisconsin Avenue  
Milwaukee, WI 53203

Region 10 Regional Hydrologist  
Federal Office Building  
Box 1628  
Juneau, AK 99802

# Forest Service Research Stations

<u>Location</u>	<u>Name</u>	<u>Address</u>
North Central Station	Station Director	USDA Forest Service 1992 Folwell Avenue St. Paul, MN 55108
Northeastern Station	Station Director	USDA Forest Service 370 Reed Road Broomall, PA 19008
Pacific Northwest Station	Station Director	USDA Forest Service 809 N.E. 6th Avenue Box 3141 Portland, OR 97208
Pacific Southwest Station	Station Director	USDA Forest Service 1960 Addison Street Box 245 Berkeley, CA 94701
Rocky Mountain Station	Station Director	USDA Forest Service 240 West Prospect St. Fort Collins, CO 80526
Coweeta Hydrologic Laboratory	Director	Southeastern Forest Experiment Station Route 1, Box 216 Otto, NC 28763
Southern Station	Station Director	USDA Forest Service U.S. Postal Service Building 701 Loyola Avenue New Orleans, LA 70113

## State and Private Forestry Areas

<u>Location</u>	<u>Address</u>
Northeastern Area	Assistant Area Director, Area Planning and Management USDA Forest Service Northeastern Area State & Private Forestry 370 Reed Road Broomall, PA 19008
Southeastern Area	Assistant Area Director, Area Planning and Management USDA Forest Service Southeastern Area State & Private Forestry 1720 Peachtree Road, NW Atlanta, GA 30309

### GAI Consultants

570 Beatty Road  
Monroeville, PA 15146

Designated Representative:  
John R. Lesnik  
Telephone: (412) 856-6400

### Geauga County Office of Sanitary Engineer, (Ohio)

237 Main Street  
Chardon, OH 44024

Designated Representative:  
Zane F. Lee, County Sanitary Engineer  
Telephone: (419) 285-2222, Ext. 141-143

### General Software Corporation

Metro-Plex  
8401 Corporate Drive  
Landover, MD 20785

Designated Representative:  
Yann-Pyng King  
Telephone: (301) 459-9494

Geological Survey (U.S.)

Water Resources Division  
National Center  
12201 Sunrise Valley Drive  
Reston, VA 22092

Designated Representatives:

Thomas J. Buchanan  
Asst. Chief Hydrologist for Operations  
441 National Center  
Telephone: (703) 860-6801  
            FTS 928-6801

Charles R. Showen (alternate)  
Chief, Automatic Data Section  
437 National Center  
Telephone: (703) 860-6879  
            FTS 928-6879

Names and addresses of the contacts for the U.S. Geological Survey District  
Offices are given on the next five pages.



Designated Representatives of the USGS Water Resources Division District Offices:

Charles A. Pascale  
District Chief, WRD  
U.S. Geological Survey  
520 19th Avenue  
Tuscaloosa, AL 35401  
Telephone: (205) 752-8104  
FTS 229-2957

James F. Blakey  
District Chief, WRD  
U.S. Geological Survey  
Building 53, Denver Federal Center  
Lakewood, CO 80225  
Telephone: (303) 234-5092  
FTS 234-5092

Phillip A. Emery  
District Chief, WRD  
U.S. Geological Survey  
1515 East 13th Avenue  
Anchorage, AK 99501  
Telephone: (907) 271-4138  
FTS 8-(907)-271-4138

Chester E. Thomas, Jr  
Acting District Chief, WRD  
U.S. Geological Survey  
Room 525, Abraham A. Ribicoff  
Federal Building  
450 Main Street  
Hartford, CT 06103  
Telephone: (203) 244-2528  
FTS 244-2528

Robert D. MacNish  
District Chief, WRD  
U.S. Geological Survey  
301 West Congress Street, FB-44  
Tucson, AZ 85701  
Telephone: (602) 629-6671  
FTS 762-6671

Irwin H. Kantrowitz  
District Chief, WRD  
U.S. Geological Survey  
Hobbs Federal Bldg.  
Suite 3015  
227 N. Bronough  
Tallahassee, FL 32301  
Telephone: (904) 681-7620  
FTS 8-965-7620

Ector E. Gann  
District Chief, WRD  
U.S. Geological Survey  
Room 2301, Federal Office Building  
700 West Capitol Avenue  
Little Rock, AR 72201  
Telephone: (501) 378-6391  
FTS 740-6391

Jeffrey T. Armbruster  
District Chief, WRD  
U.S. Geological Survey  
6481 Peachtree Industrial Blvd.  
Suite B  
Doraville, GA 30360  
Telephone: (404) 221-4858  
FTS 242-4858

Timothy J. Durbin  
District Chief, WRD  
U.S. Geological Survey  
Federal Bldg., Rm. W-2235  
2800 Cottage Way  
Sacramento, CA 95825  
Telephone: (916) 484-4606  
FTS 468-4606

Benjamin L. Jones  
District Chief, WRD  
U.S. Geological Survey  
300 Ala Moana Boulevard  
P.O. Box 50166  
Honolulu, HI 96850  
Telephone: (808) 546-8331  
FTS 8-(808)-546-8331

USGS Water Resources Division District Offices--Continued

Ernest F. Hubbard, Jr.  
District Chief, WRD  
U.S. Geological Survey  
230 Collins Road  
Boise, ID 83702  
Telephone: (208) 334-1750  
FTS 554-1750

Alfred L. Knight  
District Chief, WRD  
U.S. Geological Survey  
Room 572, Federal Building  
600 Federal Place  
Louisville, KY 40202  
Telephone: (502) 582-5241  
FTS 352-5241

Larry G. Toler  
District Chief, WRD  
U.S. Geological Survey  
Champaign County Bank Plaza  
102 E. Main Street, 4th Floor  
Urbana, IL 61801  
Telephone: (217) 398-5353  
FTS 958-5353

Darwin D. Knochenmus  
District Chief, WRD  
U.S. Geological Survey  
P.O. Box 66492  
6554 Florida Boulevard  
Baton Rouge, LA 70896  
Telephone: (504) 389-0281  
FTS 687-0281

Dennis K. Stewart  
District Chief, WRD  
U.S. Geological Survey  
6023 Guion Road  
Suite 201  
Indianapolis, IN 46254  
Telephone: (317) 927-8640  
FTS 336-8640

Herbert J. Freiburger  
District Chief, WRD  
U.S. Geological Survey  
208 Carroll Building  
8600 La Salle Road  
Towson, MD 21204  
Telephone: (301) 828-1535  
FTS 922-7872

John M. Klein  
District Chief, WRD  
U.S. Geological Survey  
P.O. Box 1230  
Room 269 Federal Building  
400 South Clinton Street  
Iowa City, IA 52244  
Telephone: (319) 337-4191  
FTS 863-6521

Ivan C. James, II  
District Chief, WRD  
U.S. Geological Survey  
150 Causeway Street, Suite 1309  
Boston, MA 02114  
Telephone: (617) 223-2822  
FTS 223-2822

Joseph S. Rosenshein  
District Chief, WRD  
U.S. Geological Survey  
1950 Contant Avenue - Campus West  
University of Kansas  
Lawrence, KS 66044  
Telephone: (913) 864-4321  
FTS 752-2300, 2302

T. Ray Cummings  
District Chief, WRD  
U.S. Geological Survey  
6520 Mercantile Way  
Suite 5  
Lansing, MI 48910  
Telephone: (517) 377-1608  
FTS 374-1608

USGS Water Resources Division District Offices--Continued

Donald R. Albin  
District Chief, WRD  
U.S. Geological Survey  
Room 702, Post Office Building  
St. Paul, MN 55101  
Telephone: (612) 725-7841  
FTS 725-7841

Terrance L. Katzer  
Acting District Chief, WRD  
U.S. Geological Survey  
Room 229, Federal Building  
705 North Plaza Street  
Carson City, NV 89701  
Telephone: (702) 882-1388  
FTS 598-6011  
(ask operator for 882-1388)

Garald G. Parker, Jr.  
District Chief, WRD  
U.S. Geological Survey  
Suite 710  
Federal Office Building  
100 West Capitol Street  
Jackson, MS 39269  
Telephone: (601) 960-4600  
FTS 490-4600

Donald E. Vaupel  
District Chief, WRD  
U.S. Geological Survey  
Room 430, Federal Building  
402 East State Street  
P.O. Box 1238  
Trenton, NJ 08608  
Telephone: (609) 989-2162  
FTS 483-2162

Daniel P. Bauer  
District Chief, WRD  
U.S. Geological Survey  
1400 Independence Road  
Mail Stop 200  
Rolla, MO 65401  
Telephone: (314) 341-0824  
FTS 277-0824

James F. Daniel  
District Chief, WRD  
U.S. Geological Survey  
Western Bank Building, Room 720  
505 Marquette, N.W.  
Albuquerque, NM 87102  
Telephone: (505) 766-2246  
FTS 474-2246

George M. Pike  
District Chief, WRD  
U.S. Geological Survey  
Federal Building  
Drawer 10076  
Room 428, 301 South Park Avenue  
Helena, MT 59626  
Telephone: (406) 449-5302  
FTS 585-5302

Lawrence A. Martens  
District Chief, WRD  
U.S. Geological Survey  
Room 343, U.S. Post Office &  
Courthouse  
P.O. Box 1350  
Albany, NY 12201  
Telephone: (518) 472-3107  
FTS 562-3107

William M. Kastner  
District Chief, WRD  
U.S. Geological Survey  
Room 406, Federal Building &  
U.S. Courthouse  
100 Centennial Mall, North  
Lincoln, NE 68508  
Telephone: (402) 471-5082  
FTS 541-5082

James F. Turner  
District Chief, WRD  
U.S. Geological Survey  
Room 436, Century Station,  
Post Office Building  
P.O. Box 2857  
Raleigh, NC 27602  
Telephone: (919) 755-4510  
FTS 672-4510

USGS Water Resources Division District Offices--Continued

Grady L. Moore  
District Chief, WRD  
U.S. Geological Survey  
821 East Interstate Avenue  
Bismarck, ND 58501  
Telephone: (701) 255-4011, Ext. 601  
FTS 783-4601

Stephen M. Hindall  
District Chief, WRD  
U.S. Geological Survey  
975 West Third Avenue  
Columbus, OH 43212  
Telephone: (614) 469-5553  
FTS 943-5553

James H. Irwin  
District Chief, WRD  
U.S. Geological Survey  
Room 621  
215 Dean A. McGee Avenue  
Oklahoma City, OK 73102  
Telephone: (405) 231-4256  
FTS 736-4256

Stanley F. Kapustka  
District Chief, WRD  
U.S. Geological Survey  
P.O. Box 3202  
847 N.E. 19th Avenue, Suite 300  
Portland, OR 97232  
Telephone: (503) 231-2009  
FTS 429-2009

David E. Click  
District Chief, WRD  
U.S. Geological Survey  
P.O. Box 1107  
4th Floor, Federal Building  
228 Walnut Street  
Harrisburg, PA 17108  
Telephone: (717) 782-4514  
FTS 590-4514

Ferdinand Quinones-Marquez  
District Chief, WRD  
U.S. Geological Survey  
G.P.O. Box 4424  
San Juan, PR 00936  
Telephone: (809) 783-4660  
FTS 8-809-753-4414

Rodney N. Cherry  
District Chief, WRD  
U.S. Geological Survey  
Strom Thurmond Federal Building  
1835 Assembly Street, Suite 658  
Columbia, SC 29201  
Telephone: (803) 765-5966  
FTS 677-5966

Richard E. Fidler  
District Chief, WRD  
U.S. Geological Survey  
Room 317, Federal Building  
200 4th Street, S.W.  
Huron, SD 57350  
Telephone: (605) 352-8651  
FTS 782-2258

Arthur L. Putnam  
District Chief, WRD  
U.S. Geological Survey  
A-413 Federal Building  
U.S. Courthouse  
Nashville, TN 37203  
Telephone: (615) 251-5424  
FTS 852-5424

Charles W. Boning  
District Chief, WRD  
U.S. Geological Survey  
649 Federal Building  
300 East 8th Street  
Austin, TX 78701  
Telephone: (512) 482-5766  
FTS 770-5766

USGS Water Resources Division District Offices--Continued

Theodore Arnow  
District Chief, WRD  
U.S. Geological Survey  
Room 1016, Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104  
Telephone: (801) 524-5663  
FTS 588-5663

David H. Appel  
District Chief, WRD  
U.S. Geological Survey  
Room 3416, Federal Building  
& U.S. Courthouse  
500 Quarrier Street, East  
Charleston, WV 25301  
Telephone: (304) 347-5130  
FTS 930-5132

Gary Anderson  
Acting District Chief, WRD  
U.S. Geological Survey  
200 West Grace Street, Room 304  
Richmond, VA 23220  
Telephone: (804) 771-2427  
FTS 925-2427

Vernon W. Norman  
District Chief, WRD  
U.S. Geological Survey  
Room 200, 1815 University Avenue  
Madison, WI 53705  
Telephone: (608) 262-2488  
FTS 262-2488

Leslie B. Laird  
District Chief, WRD  
U.S. Geological Survey  
1201 Pacific Avenue  
Suite 600  
Tacoma, WA 98402  
Telephone: (206) 593-6510  
FTS 390-6510

Richard Bloyd  
District Chief, WRD  
U.S. Geological Survey  
P.O. Box 1125  
J.C. O'Mahoney Federal Center  
2120 Capitol Avenue, Room 4007  
Cheyenne, WY 82003  
Telephone: (307) 772-2153  
FTS 328-2153

Gidley Laboratories, Inc.

Fairhaven, MA 02719

Designated Representative  
Dr. Philip T. Gidley, President  
Gidley Laboratories  
Fairhaven, MA 02719

Greenhorne & O'Mara, Inc.

9001 Edmonston Road  
Greenbelt, MD 20770

Designated Representative:  
Wesley H. Blood  
Telephone: (301) 982-2847  
  
(Alternate: Ron Etzel)



Hanford Engineering Development Laboratory

P.O. Box 1970  
W/FED-135  
Richland, WA 99352

Designated Representative:

J.C. Sonnichsen  
Telephone: (509) 376-3492  
FTS 444-3492

Henningson, Durham and Richardson

8404 Indian Hills Drive  
Omaha, NE 68114

Designated Representatives:

Terry Petrzela  
Asst. Vice President-Marketing  
Telephone: (402) 399-1400

Dr. Ed Miller  
103 Oronoco Street  
Alexandria, VA 22314  
Telephone: (703) 683-3400

Bradford J. Stewart  
804 Anacapa Street  
Santa Barbara, CA 93101  
Telephone: (805) 965-5214

Hetch Hetchy Water and Power

Bureau of Light, Heat and Power  
693 Vermont Street  
San Francisco, CA 94107

Designated Representative:

D.L. Coffey, General Manager  
Telephone: (415) 558-3821

(Alternate: Leo Bauer)

Hittman Ebasco Associates Inc.

9151 Rumsey Road  
Columbia, MD 21045

Designated Representative:  
Larry Carter  
Telephone: (301) 730-7800

Honolulu Board of Water Supply

City and County of Honolulu  
630 South Beretania Street  
Honolulu, HI 96843

Designated Representative:  
Kazu Hayashida  
Manager and Chief Engineer  
Telephone: (808) 527-6180

HRS Water Consultants, Inc.

1350 Independence Street  
Suite 3-A  
Lakewood, CO 80215

Designated Representative:  
Stephen R. Palmer  
Principal  
Telephone: (303) 232-5859

Hydro Research Science

3334 Victor Court  
Santa Clara, CA 95050

Designated Representative:  
Librarian  
Telephone: (408) 988-1027

Illinois Department of Transportation

Division of Water Resources  
2300 S. Dirksen Parkway  
Springfield, IL 62764

Designated Representative:  
Donald Vonnahme, P.E.  
Telephone: (217) 782-0690

Illinois State Water Survey

Station A  
P.O. Box 5050  
Champaign, IL 61820

Designated Representative:

Robert A. Sinclair, Head, Data and Information  
Management Research Group  
Telephone: (217) 333-4952

International Engineering Company, Inc.

Headquarters Office  
180 Howard Street  
San Francisco, CA 94105

Eastern District Office  
777 Post Road  
Darien, CT 06820

Designated Representative:

Price E. Stiffler, Chief  
Engineering Systems  
Telephone: (415) 442-7300

Designated Representative:

Carol H. Cunningham, P.E.  
Telephone: (203) 655-3345

International Ground Water Modeling Center IGWMC

Holcomb Research Institute  
Butler University  
4600 Sunset Boulevard  
Indianapolis, IN 46208

Designated Representative:

Paul Van der Heijde  
Telephone: (317) 283-9555

Interstate Commission on the Potomac River Basin

1055 First Street  
Rockville, MD 20850

Designated Representative:

Carlton Haywood  
Telephone: (301) 340-2661

Iowa Geological Survey

123 North Capitol Street  
Iowa City, IA 52242

Designated Representative:

Richard L. Talcott  
Data System Division  
Telephone: (319) 338-1173

Iowa Institute of Hydraulic Research

The University of Iowa  
Iowa City, IA 52242

Designated Representative:  
Peter Kitanidis, Professor  
Telephone: (319) 353-3082

J. W. Patterson & Associates, Inc.

6825 East Tennessee Avenue  
Building 2, Suite 250  
Denver, CO 80224

50 West Liberty Avenue  
Valley Bank Plaza  
Suite 1020  
Reno, Nevada 89501  
Telephone: (702) 322-3661

Designated Representative:  
John W. Patterson, President  
Telephone: (303) 320-1295

Johnson & Anderson, Inc.

Consulting Engineers  
2300 Dixie Highway  
Pontiac, MI 48055

Designated Representative:  
Robert Warner, P.E.  
Telephone: (313) 334-9901

Kansas State Board of Agriculture

Division of Water Resources  
109 Southwest Ninth Street  
Topeka, KS 66612-1283

Designated Representative:  
David L. Pope  
Chief Engineer/Director  
Telephone: (913) 296-3717

Kearney Waste Water Treatment Plant

39 Central Avenue  
South Kearney, NJ 07032

Designated Representative:  
Henry Kolakowski  
Superintendent  
Telephone: (201) 589-7599

Kentucky Division of Water

18 Reilly Road - Fort Boone Plaza  
Frankfort, KY 40601

Designated Representative:

Jon Simpson  
Telephone: (502) 564-3410

King County Department of Public Works

Room 976 King County Administration Building  
500 Fourth Avenue  
Seattle, WA 98104

Designated Representative:

Joseph J. Simmler, Ph.D.  
Manager, Surface Water Management Division  
Telephone: (206) 344-2585

K. M. Ng and Associates, Inc.

InterFirst Financial Center, NW  
6243 Interstate 10 West, Suite 620  
San Antonio, TX 78201

Designated Representative:

Kao-Lin Chen, P.E.  
Telephone: (512) 736-6623

Kurt F. Wendt Library, University of Wisconsin

College of Engineering  
215 North Randall Avenue  
Madison, WI 53706

Designated Representative:

Dr. LeRoy G. Zweifel  
Telephone: (608) 262-7980

Lake County Water Authority

315 West Main Street  
Tavares, FL 32778

Designated Representative

Mr. William C. Davis, Exec. Director  
Telephone: (904) 343-3777



Lake Mary Water Department

P.O. Box 715  
Lake Mary, FL 32746

Designated Representative:  
John Jozsa  
Telephone: (305) 323-7221

Law Engineering Testing Company

2749 Delk Road, S.E.  
Marietta, GA 30067

Designated Representative:  
Charles Spiers  
Telephone: (404) 952-9005

(Alternate: Larry Neal)

Lawrence Berkeley Laboratory

University of California  
E&E Division 90/3120  
Berkeley, CA 94720

Designated Representative:  
Ronald Ritschard  
Telephone: (415) 486-6328  
FTS 451-6328

Lawrence Livermore Laboratory

University of California  
Livermore, CA 94550

Designated Representative:  
Kenneth D. Pimental  
Telephone: (415) 422-0916  
FTS 532-0916

Lewin and Associates, Inc.

1090 Vermont Avenue, N.W.  
Suite 700  
Washington, DC 20005

Designated Representative:  
Donald Wicks  
Telephone: (202) 842-2800

Los Angeles County Flood Control District

P.O. Box 2418, Terminal Annex  
Los Angeles, CA 90051

Designated Representative:

Ken Erhard  
Telephone: (213) 226-4381

Louisville Water Company

435 South Third Street  
Louisville, KY 40202

Designated Representative:

Stephen Hubbs, Research Engineer  
Telephone: (502) 582-2431

Maine Geological Survey

State of Maine Department of Conservation  
Station 22  
Augusta, ME 04333

Designated Representative:

E. Melanie Lanctot  
Telephone: (207) 289-2801

Marin College, California

Biology Department  
College of Marin  
Kentfield, CA 94904

Designated Representative:

Dr. Gordon Chan  
Telephone: (415) 485-9537

Marin Municipal Water District

220 Nellen Avenue  
Corte Madera, CA 94925

Designated Representative:

Glenn Young  
Telephone: (415) 924-4600, Ext. 238

McLaren Environmental Engineering

2208 29th Street  
Sacramento, CA 95817

Designated Representative:  
Frederick R. McLaren  
Telephone: (916) 454-3696

Merced Irrigation District

P.O. Box 2288  
Merced, CA 95344

Designated Representative:  
Thomas Reta, Chief Engineer  
Telephone: (209) 722-5761

Metropolitan Denver Sewage Disposal District No. 1

6450 York Street  
Denver, CO 80229

Designated Representative:  
Gina Westra  
Telephone: (303) 289-5941

Metropolitan District Water Bureau (Hartford, CT)

P.O. Box 800  
Hartford Plaza  
Hartford, CT 06101

Designated Representative:  
Theodore E. Miller  
Director of Engineering  
Telephone: (203) 278-7850  
  
(Alternate: Philip P. Kallaughner)

Millipore Corporation

Ashby Road  
Bedford, MA 01730

Designated Representative:  
Ms. Leslie Jacobs  
Manager, Information Center  
Telephone: (617) 275-9200

Minnesota Department of Health, Division of Environmental Health

P.O. Box 9441  
717 Delaware Street, S.E.  
Minneapolis, MN 55440

Designated Representative:

Mr. Gary L. Englund, Chief  
Section of Water Supply and General Engineering  
Telephone: (612) 623-5330

Minnesota Environmental Resources Information and Data Exchange

Minnesota State Planning Agency  
Land Management Information Center  
LL65 Metro Square Building  
7th and Robert  
St. Paul, MN 55101

Designated Representative:

Janeen McAllister  
Telephone: (612) 296-2073

Minnesota Pollution Control Agency

1935 West County Road B2  
Roseville, MN, 55113

Designated Representative

Kathy Svanda  
Water Quality Monitoring Program  
Monitoring and Analysis Section  
Division of Water Quality  
Telephone: (612) 296-7237

Mississippi Bureau of Geology, Department of Natural Resources

P.O. Box 5348  
2525 North West Street  
Jackson, MS 39216

Designated Representative:

Carolyn Woodley  
Telephone: (601) 354-6228

Mississippi Bureau of Land and Water Resources

P.O. Box 10631  
Jackson, MS 39209

Designated Representative:

Marian G. Stewart  
Telephone: (601) 961-5204  
FTS 490-4399

Mississippi State University

P.O. Drawer CE  
Mississippi State, MS 39762

Designated Representative:  
Dr. Victor L. Zitta, Professor  
Civil Engineering Department  
Telephone: (601) 325-3050

(Alternate: Dr. Robert M. Scholtes)

Missouri Division of Geology and Land Survey

State Department of Natural Resources  
P.O. Box 250  
Rolla, MO 65401

Designated Representative:  
Donald E. Miller, Chief, WRD  
Telephone: (314) 364-1752

Missouri Basin States Association

Suite 1  
10834 Old Mill Road  
Omaha, NE 68154

Designated Representative:  
Carroll Hamon, Executive Director  
Telephone: (402) 330-5714

Monroe County (NY) Water Authority

4799 Dewey Avenue  
Rochester, NY 14612

Designated Representative:  
Marshall Tyler, Chemist  
Telephone: (716) 621-1200

Montana Bureau of Mines and Geology

Montana Tech  
Butte, MT 59701

Designated Representative:  
Marvin R. Miller, Chief  
Hydrology Division  
Telephone: (406) 496-4155



Montana Department of Natural Resources and Conservation

Engineering Bureau  
Water Resources Division  
Department of Natural Resources and Conservation  
32 South Ewing  
Helena, MT 59601

Designated Representative:  
Melvin McBeath  
Telephone: (406) 449-2864

Montgomery County Department of Environmental Protection

101 Monroe Street  
Rockville, MD 20850

Designated Representative:  
Raymond J. Dever, Water Quality Engineer  
Division of Environmental Planning and Monitoring  
Telephone: (301) 251-2380

Mozer Computer Services

78 North Street  
Locust Valley, NY 11560

Designated Representative:  
Robert J. Mozer  
Telephone: (516) 759-0850

MSM Consultants, Inc.

570 West 44th Avenue  
Denver, CO 80216

Designated Representative:  
Tony Pelliccia  
Coordinator EDP Applications  
Telephone: (303) 455-7321

Multitech, Inc.

P.O. Box 4078  
Butte, MT 59701

Designated Representative:  
Robert Trout, Env. Sci.  
Telephone: (406) 494-6319  
  
(Alternate: Jay Cornish)

National Oceanic and Atmospheric Administration

6001 Executive Boulevard  
Rockville, MD 20852  
Telephone: (301) 443-8910

Designated Representatives of all NOAA Divisions:

Dr. Robert A. Clark  
Director  
Office of Hydrology  
National Weather Service, NOAA  
8060 13th Street  
Silver Spring, MD 20910  
Telephone: (301) 427-7658

Susan F. Zevin  
WOHXZ  
Office of Hydrology  
National Weather Service, NOAA  
8060 13th Street  
Silver Spring, MD 20910  
Telephone: (301) 427-7660

David F. McGinnis, Jr.  
NOAA/National Environmental Satellite, Data and Information Service  
World Weather Building, Room 810  
Washington, DC 20223  
Telephone: (301) 763-8036  
FTS 763-8036

Addresses of Divisions of NOAA:

National Weather Service  
8060 13th Street  
Silver Spring, MD 20910  
Telephone: (301) 427-7658

National Ocean Service  
Office of Oceanography (C2)  
6001 Executive Boulevard  
Rockville, MD 20852  
Telephone: (301) 443-8254

National Marine Fisheries Service  
3300 Whitehaven Street, N.W.  
Washington, DC 20235  
Telephone: (202) 634-7283

Environmental Research Laboratories  
325 South Broadway  
Boulder, CO 80303  
Telephone: (303) 497-3000

National Environmental Satellite, Data, and Information Service  
Washington, DC 20233  
Telephone: (202) 763-7190

3300 Whitehaven Street, N.W.  
Washington, DC 20235  
Telephone: (202) 634-7318

The National Environmental Satellite, Data, and Information Service includes the following data centers:

The National Climatic Center (NCDC)

Federal Building  
Asheville, NC 28801  
Telephone: (704) 258-2850, Ext. 683  
FTS 672-0683

The National Oceanographic Data Center (NODC)

2001 Wisconsin Avenue, N.W.  
Washington, DC 20235  
Telephone: (202) 634-7232

The Assessment and Information Services Center (AISC)

Federal Building  
600 East Cherry Street  
Columbia, MO 65201  
Telephone: (314) 276-3261

3300 Whitehaven Street, N.W.  
Page Building No. 2  
Washington, DC 20235  
Telephone: (202) 634-7251

Library Services  
6009 Executive Blvd  
Rockville, MD 20852  
Telephone: (301) 443-8330

National Park Service

Everglades National Park and  
Fort Jefferson National Monument  
P.O. Box 279  
Homestead, FL 33030

Designated Representative:

David A. Sikkema  
Telephone: (305) 245-5266  
FTS 350-4653

Nebraska Natural Resources Commission

301 Centennial Mall South, 4th Floor  
P.O. Box 94876  
Lincoln, NE 68509

Designated Representative:

Mahendra Bansal  
Head, Data Bank Section  
State of Nebraska  
Telephone: (402) 471-2081

Nevada Department of Conservation and Natural Resources

Division of Environmental Protection  
201 South Fall Street  
Carson City, NV 89710

Designated Representative:  
Ralph G. Capurro  
Telephone: (702) 885-4670

New Castle County Water Resources Agency

2701 Capitol Trail  
Newark, DE 19711

Designated Representatives:  
Robert W. Finkle, AERI System Manager  
Bernard Dworsky, Administrator  
Telephone: (302) 731-7670

New Jersey Geological Survey

P.O. Box CN-029  
Trenton, NJ 08625

Designated Representatives:  
Haig Kasabach, Deputy State Geologist      Gale P. Carter, Senior Geologist  
Telephone: (609) 292-1185      Telephone: (609) 292-0668  
  
Christy Bell, Senior Geologist  
Telephone: (609) 292-0668

New Mexico Environmental Improvement Division

Water Pollution Control Bureau  
P.O. Box 968  
Santa Fe, NM 87504-0968

Designated Representative:  
Don Ditmore, Statistical Analyst  
Telephone: (505) 984-0020, Ext. 362

New Mexico State Engineer's Office

Bataan Memorial Building  
State Capitol  
Santa Fe, NM 87503

Designated Representative  
S. E. Reynolds  
State Engineer  
Telephone: (505) 827-6091

New York State Department of Environmental Conservation

50 Wolf Road  
Albany, NY 12233

Designated Representative:  
John Crandall, Chief, WQA Section  
Telephone: (518) 457-7458

North Carolina Department of Natural Resources and Community Development

NRCD/DEM  
512 N. Salisbury Street  
P.O. Box 27687  
Raleigh, NC 27611

Designated Representative:  
Sue Gardner  
Telephone: (919) 733-7015

North Dakota Geological Survey

University Station  
Grand Forks, ND 58202

Designated Representative:  
Dr. Don Halvorson  
Telephone: (701) 777-2231

North Dakota State Water Commission

900 East Boulevard  
Bismarck, ND 58505

Designated Representative:  
David A. Sprynczynatyk, Director of Engineering  
Telephone: (701) 224-2750

Northwest Florida Water Management District

Route 1, Box 3100  
Havana, FL 32333

Designated Representative:  
Linc Clay  
Telephone: (904) 487-1770



Nuclear Regulatory Commission (U.S.)

1717 H Street, N.W.  
Washington, DC 20555

Designated Representative:

Dr. Myron Fliegel  
Environmental and Hydrologic Engineering Branch  
U.S. Nuclear Regulatory Commission, DE, NRR  
M.S. P314  
Washington, DC 20555  
Telephone: (202) 492-8028

Oak Ridge National Laboratory

P.O. Box X, Building 1505, Room 370  
Oak Ridge, TN 37830

Designated Representative:

Carolyn T. Hunsaker  
Telephone: (615) 574-7365  
FTS 624-7365

Office of the Alamada County Superintendent of Schools

313 West Winton Avenue  
Hayward, CA 94544-1198

Designated Representative:

August Scornaunchi  
Project Manager, Marine Ecology  
Research (MER) Project  
Telephone: (415) 881-6196

Office of Surface Mining Reclamation and Enforcement

U.S. Department of the Interior  
South Interior Building  
1951 Constitution Avenue  
Room 5131L  
Washington, DC 20240

Designated Representative:

Douglas Growitz  
Telephone: (202) 343-9104  
FTS 323-9104

Designated Representatives of Regional Offices:

Keith Eggleston  
Office of Surface Mining  
603 Morris Street  
Charleston, WV 25301  
Telephone: (304) 344-3481

Charles Ferst  
Office of Surface Mining  
Suite 500  
530 Gay Street, SW  
Knoxville, TN 37902  
Telephone: (615) 637-8060  
FTS 852-0258

Leroy Davis  
Office of Surface Mining  
Federal Building and U.S. Courthouse  
46 East Pennsylvania Avenue  
Indianapolis, IN 46204  
Telephone: (317) 269-2609  
FTS 331-2631

Ronald Schwartz  
Office of Surface Mining  
818 Grand Avenue  
Scarritt Building  
Kansas City, MO 64106  
Telephone: (816) 374-2618  
FTS 758-3920

Chief, Technical Analysis & Research Division  
Office of Surface Mining  
Brook Towers  
1020 15th Street  
Denver, CO 80202  
Telephone: (303) 837-5511  
FTS 327-5656

Ohio Environmental Protection Agency

Box 1049  
361 East Broad Street  
Columbus, OH 43216

Designated Representative:

Dennis B. Mishne, Data Coordinator  
State of Ohio Environmental Protection Agency  
Telephone: (614) 466-7427  
FTS 942-7427

Ohio River Valley Water Sanitation Commission

414 Walnut Street  
Suite 900  
Cincinnati, OH 45202

Designated Representative:

Leo Weaver, Executive Director  
Telephone: (513) 421-1151

Oklahoma Climatological Survey

710 Asp Avenue, Suite No. 8  
Norman, OK 73019

Designated Representative:

Dr. Amos Eddy, Director & State Climatologist  
Telephone: (405) 325-2541

Oklahoma State Department of Health

P.O. Box 53551  
Oklahoma City, OK 73152

Designated Representative:

Judith A. Duncan, Chief  
State Environmental Laboratory  
Telephone: (405) 271-5240

Oklahoma Water Resources Board

1000 N.E. 10th Street  
P.O. Box 53585  
Oklahoma City, OK 73152

Designated Representative:

Jim Schuelein  
Telephone: (405) 271-2522

Pat Harrison Waterway District

P.O. Drawer 1509  
Hattiesburg, MS 39401

Designated Representative:

Michael T. Waits, District Engineer  
Telephone: (601) 264-5951

Pendleton, Oregon, Public Works

P.O. Box 190  
Pendleton, OR 97801

Designated Representative:

Gerald L. Odman, Public Works Director  
Telephone: (503) 276-1811

Pennsylvania Department of Environmental Resources

Commonwealth of Pennsylvania  
P.O. Box 1467  
Harrisburg, PA 17120

Designated Representative:  
William Gast, Chief  
State Water Plan Division  
Telephone: (717) 787-5008

P. E. LaMoreaux and Associates

Post Office Box 2310  
Tuscaloosa, AL 35403

Designated Representative:  
Mr. James W. LaMoreaux  
Telephone: (205) 752-5543

Post, Buckley, Schuh & Jernigan, Inc.

2451 Enterprise Road  
Suite B  
Clearwater, FL 33515-2012

Designated Representative:  
John C. Landon  
Manager, Water Resources Group  
Telephone: (813) 796-7275

Pudvan Publishing Company

Pollution Engineering  
1935 Shermer Road  
Northbrook, IL 60062

Designated Representative:  
Richard A. Young, Editor  
Telephone: (312) 498-9840

Radian Corporation

8501 Mopac Boulevard  
P.O. Box 9948  
Austin, TX 78766

Designated Representative:  
James L. Machin  
Telephone: (512) 454-4797

Randolph & Associates, Inc.

8901 North Industrial Road  
Peoria, IL 61615

Designated Representative:  
Robert Randolph, President  
Telephone: (309) 692-4422

Reedy Creek Improvement District

P.O. Box 36  
Lake Buena Vista, FL 32830

Designated Representative:  
Gary Gornto  
Manager, Environmental Department  
Telephone: (305) 828-2034

R. E. Wright Associates, Inc.

3240 Schoolhouse Road  
Middletown, PA 17057

Designated Representative:  
Richard E. Wright, President  
Telephone: (717) 944-5501

Rio Blanco Oil Shale Co.

2851 South Parker Road  
Suite 500  
Aurora, CO 80014

Designated Representative:  
James R. Johnson  
Telephone: (303) 695-2400

Roy F. Weston, Inc.

Weston Environmental Consultants--Designers  
Weston Way  
West Chester, PA 19380

Designated Representative:  
Dr. Thomas J. Tuffey, Vice President  
Telephone: (215) 692-3030



Salt River Project

Box 1980  
Phoenix, AZ 85001

Designated Representative:  
David S. Wilson, Jr.  
Manager, Water Resources Operation  
Telephone: (602) 273-5441

Santa Clara (City of) Water Department

1500 Warburton Avenue  
Santa Clara, CA 95050

Designated Representative:  
Richard H. Hathorn  
Telephone: (408) 984-3183

Santa Clara Valley Water District

5750 Almaden Expressway  
San Jose, CA 95118

Designated Representative:  
Mr. J. Sutcliffe  
Operations and Maintenance Division  
Telephone: (408) 265-2600

Sargent & Lundy Engineers

55 East Monroe Street, 27th Floor  
Chicago, IL 60603

Designated Representative:  
Walter C. Hannenberg  
Telephone: (312) 269-3643

Scripps Institution of Oceanography

LaJolla, CA 92093

Designated Representative:  
Carol Conway  
Physical and Chemical Oceanographic Data  
Facility S-001  
Telephone: (619) 452-4420

SCS Engineers

11260 Roger Bacon Drive  
Reston, VA 22091

Designated Representative:  
Charles D. Wolfe  
Telephone: (703) 471-6150

(Alternate: David H. Bauer)

Seaburn and Robertson, Inc.

Water Resources Consultants  
Executive Square  
5510 Gray Street, Suite 118  
Tampa, FL 33609

Designated Representative:  
Dr. Gerald E. Seaburn, P.E.  
P.O. Box 23184  
Tampa, FL 33623  
Telephone: (813) 877-9182  
FTS 877-2792

Sigma Data Computing Corporation

5515 Security Lane  
Rockville, MD 20852

Designated Representative:  
Ralph Tartaglione  
Telephone: (301) 984-3636  
FTS 8-(202)-984-3636

Soil Conservation Service

U.S. Department of Agriculture  
Information Division  
Independence Ave. between 12th and 14th Streets, S.W.  
Washington, DC 20250  
Telephone: (202) 447-4543

Designated Representative:  
Norman Miller  
Engineering Division, Hydrology Unit  
P.O. Box 2890  
Washington, D.C. 20013  
Telephone: (301) 475-5334  
FTS 475-5334

Snow Survey and Water Supply Forecasting

Head, Water Supply Forecast Unit  
SCS-USDA  
Room 514, Federal Building  
511 NW Broadway  
Portland, OR 97209  
Telephone: (FTS) 423-2843

South Florida Environmental Research Foundation

4660 122nd Drive, North  
Royal Palm Beach, FL 33411

Designated Representative:  
Sally Black  
Telephone: (305) 793-0582

Southern California Edison Company

P.O. Box 800  
2244 Walnut Grove Avenue  
Rosemead, CA 91770

Designated Representative:  
Jack Y. Kawashima  
Telephone: (213) 572-1988

Southern Water Resources Scientific Information Center

The University of North Carolina  
Water Resources Research Institute  
124 Riddick Building, North Carolina State University  
Raleigh, NC 27650

Designated Representative:  
Dr. James M. Stewart, Associate Director  
Telephone: (919) 737-2815

Southwest Georgia Planning and Development Commission

P.O. Box 346, City Hall  
Camilla, GA 31730

Designated Representative:  
Carroll C. Underwood, Executive Director  
Telephone: (912) 336-5616

State of Alaska Pipeline Coordinator's Office

Department of Natural Resources  
Division of Pipeline Surveillance  
1001 Nobel Street  
Suite 450  
Fairbanks, AK 99701

Designated Representative:  
Jim Aldrich  
Telephone: (907) 456-4835

State of South Carolina, Water Resources Commission

3830 Forest Drive  
Columbia, SC 29240

Designated Representative:  
Joseph Harrigan, Engineering Geologist  
Telephone: (803) 758-2514

Susquehanna River Basin Commission

1721 North Front Street  
Harrisburg, PA 17102

Designated Representative:  
Marshall S. Goulding  
Chief Engineer  
Telephone: (717) 238-0425

Suwannee River Water Management District

Route 3, Box 64  
Live Oak, FL 32060

Designated Representative:  
Jon Wood  
Telephone: (904) 362-1001

TenEch Environmental Engineers, Inc.

515 Park Avenue  
Louisville, KY 40208

Designated Representative:  
Robert Hawkins  
Telephone: (502) 636-3565

Other TenEch Offices

744 West Washington Street  
South Bend, IN 46601  
Telephone: (219) 234-1166

9635 Saric Court  
Highland, IN 46322  
Telephone: (219) 924-1018

Tennessee Department of Health and Environment

Division of Water Management  
150 9th Avenue North  
Nashville, TN 37203

Designated Representative:  
James F. Coe  
Telephone: (615) 741-6623

Tennessee Valley Authority

350 Evans Building  
Knoxville, TN 37902

Designated Representative:  
William M. McMaster, Chief, Data Services Branch  
Division of Natural Resources Operations  
Telephone: (615) 632-3295  
FTS 856-3295

Tetra Tech, Inc.

630 Rosemead Boulevard  
Pasadena, CA 91107

Designated Representative:  
William Brownlie, Principal Engineer  
Water Resources Engineering  
Telephone: (213) 449-6400

Texas Natural Resources Information System

P.O. Box 13087, Capitol Station  
Austin, TX 78711  
Telephone: (512) 475-3321

Designated Representatives:  
Policy Matters: Dr. Tommy Knowles, Chairman  
TNRIS Task Force  
Telephone: (512) 475-3561  
Operational  
Procedures: Mr. Bob Whitefield  
TNRIS Systems Central  
Telephone: (512) 475-3321



The preceding organization represents the following independent organizations:

Texas Department of Water Resources

P.O. Box 13087  
Capitol Station  
Austin, TX 78711

Designated Representative:

Dr. Tommy Knowles, Director  
Data & Engineering Services Division  
Telephone: (512) 475-3561

Texas General Land Office

1700 North Congress Avenue  
Stephen F. Austin Building  
Austin, TX 78701

Designated Representative:

Dr. William L. Longley  
Telephone: (512) 475-1187

Texas Air Control Board

6330 Highway 290 East  
Austin, TX 78723

Designated Representative:

Kay Arnold  
Telephone: (512) 451-5711, Ext. 460

Texas Forest Service

Forest Management Department  
College Station, TX 77843

Designated Representative:

Edwin H. Barron, Department Head  
Telephone: (713) 845-2602

Texas Economic Development Commission

P.O. Box 12728  
Capitol Station  
Austin, TX 78711

Designated Representative:

Charles Newell  
Telephone: (512) 472-5059

Texas Department of Health  
1100 West 49th Street  
Austin, TX 78756

Designated Representative:  
Jack C. Carmichael, P.E., Chief  
Bureau of Solid Waste Management  
Telephone: (512) 458-7434

Bureau of Economic Geology (University of Texas at Austin)  
Box X, University Station  
Austin, TX 78712

Designated Representative:  
Dr. E. G. Wermund, Jr.  
Telephone: (512) 471-1534

Railroad Commission of Texas  
P.O. Drawer 12967  
Capitol Station  
Austin, TX 78711

Designated Representative:  
Jimmy Walker  
Telephone: (512) 445-1313

Texas Department of Agriculture  
P.O. Box 70  
Austin, TX 78767

Designated Representative:  
M. David Humphrey  
Telephone: (512) 397-5581

Texas Historical Commission  
P.O. Box 12276  
Capitol Station  
Austin, TX 78711

Designated Representative:  
LaVerne Herrington  
Telephone: (512) 475-3057

Texas State Department of Highways and Public Transportation  
Highway Building  
Brazos and East 11th Streets  
Austin, TX 78701

Designated Representative:  
Sam Fox  
Telephone: (512) 475-2818

Texas Parks and Wildlife Department

4200 Smith School Road

Austin, TX 78744

Designated Representative:

Dr. Craig A. McMahan

Telephone: (512) 479-4977

Texas State Soil and Water Conservation Board

P.O. Box 658

Temple, TX 76501

Designated Representative:

Mel Davis

Telephone: (817) 773-2250

Texas Coastal and Marine Council

P.O. Box 13407

Austin, TX 78711

Designated Representative:

John Miloy

Telephone: (512) 475-5849

Tudor Engineering Company

Consulting Engineers & Planners

149 New Montgomery Street

San Francisco, CA 94105

Designated Representative:

David N. Church

Telephone: (415) 982-8338

Uintex Corporation

4568 Highland Drive, #240

Salt Lake City, UT 84117

Designated Representative:

Dr. Anching Lin

Telephone: (801) 272-5230

University of Arizona, College of Business and Public Administration

Department of Management Information Systems  
Tucson, AZ 85721

Designated Representative:

Dr. J. F. Nunamaker  
Professor of Management Information Systems  
College of Business and Public Administration  
Department of Management Information Systems  
Telephone: (602) 621-4475

University of Wisconsin-Extension

1815 University Avenue  
Madison, WI 53706

Designated Representative:

Mr. Ronald C. Hennings  
Section Head, Water Resources  
Telephone: (608) 263-7395

Update Publications, Inc.

1746 Westwood Boulevard  
Los Angeles, CA 90024

Designated Representative:

Herbert Sclar  
Telephone: (213) 474-5900

Upper Colorado River Commission

355 South Fourth East Street  
Salt Lake City, UT 84111

Designated Representative:

Paul L. Billhymer  
Executive Director  
Telephone: (801) 531-1150

Upper Cumberland Biological Station and Environmental Biology Research Program

Box 5187  
Tennessee Technological University  
Cookeville, TN 38501

Designated Representative:

Dr. Eric L. Morgan, Director  
R. Don Estes, Unit Leader  
Telephone: (615) 528-3140

Utah Division of Water Rights

1636 W. North Temple  
Salt Lake City, UT 84116

Designated Representative:

James Riley  
Telephone: (801) 533-6071  
FTS 8-(801)-533-6071

Vermont Department of Water Resources

State Office Building  
Montpelier, VT 05602

Designated Representative:

David Butterfield  
Telephone: (802) 828-2761  
FTS 832-2761

Virginia Polytechnic Institute (VPI) and State University

Department of Fisheries and Wildlife Sciences  
Blacksburg, VA 24061

Designated Representative:

Robert H. Giles, Jr.  
Telephone: (703) 961-5910

VTN Consolidated, Inc.

P.O. Box C-19529  
2301 Campus Drive  
Irvine, CA 92713

Designated Representative:

Timothy P. Landis  
Telephone: (714) 851-5227

(Alternate: Gary Cronk)

W. W. Wheeler and Associates

770 West Hampden, Suite 201  
Englewood, CO 80110

Designated Representative:

Raymond A. Hogan, P.E.  
Telephone: (303) 761-4130



Wapora, Inc.

6900 Wisconsin Avenue  
Chevy Chase, MD 20815

Designated Representative:  
Rhoda Granat  
Telephone: (301) 652-9520

Washington Department of Ecology

Olympia, WA 98504  
Telephone: (206) 753-2800

Designated Representatives:  
Ray Newkirk  
Department of Ecology  
Mail Stop PV-11  
Telephone: (206) 459-6165

Dale Rogers  
Department of Ecology  
Mail Stop PV-11  
Telephone: (206) 459-6196

Water and Energy Research Institute, University of Guam

UOG Station  
Mangilao, Guam 96913

Designated Representative:  
Dr. Stephen J. Winter, Director  
Telephone: (671) 734-3132

Water Engineering and Technology, Inc.

P.O. Box 1946  
Ft Collins, CO 80522

Designated Representative:  
Chester C. Watson  
Telephone: (303) 482-8201

Water Research Center, Washington State University

Washington Water Research Center  
Washington State University  
Pullman, WA 99164-3002

Designated Representative:  
William Funk, Director  
Telephone: (509) 335-5531

Water Resources Center, Delaware University

101 Hullihen Hall  
Newark, DE 19711

Designated Representative:  
Dr. Robert D. Varrin, Director  
Telephone: (302) 738-2191

Water Resources Center, University of Illinois at Urbana-Champaign

208 North Romine  
Urbana, IL 61801

Designated Representative:  
Dr. Glenn E. Stout, Director  
Telephone: (217) 333-0536  
FTS 8-(217)-333-0536

Water Resources Center, Nevada University

Desert Research Institute  
Suite 201  
1500 South Tropicana  
Las Vegas, NV 89109

Designated Representative:  
Nate Cooper  
Telephone: (702) 798-8882

Water Resources Center, Ohio State University

1791 Neil Avenue  
Columbus, OH 43210

Designated Representative:  
Dr. Robert C. Stiefel, Director  
Telephone: (614) 422-2334

Water Resources Center, Rhode Island University

204 Bliss Hall  
Kingston, RI 02881

Designated Representative:  
Dr. Calvin P.C. Poon, Director  
Telephone: (401) 680-2297, 2680

Water Resources Institute, South Dakota State University

Brookings, SD 57007

Designated Representative:

Dr. John L. Wiersma, Director  
Telephone: (605) 688-4910

Water Resources Research Center, District of Columbia University

Van Ness Campus  
4200 Connecticut Avenue, N.W.  
Washington, DC 20008

Designated Representative:

Dr. Mamadou H. Watt, Director  
Telephone: (202) 282-7333

Water Resources Research Center, Massachusetts University

Blaisdell House  
Amherst, MA 01003

Designated Representative:

Paul J. Godfrey, Director  
Telephone: (413) 545-2842

Water Resources Research Center, Minnesota University

866 Biological Sciences Center  
University of Minnesota  
St. Paul, MN 55108

Designated Representative:

Dr. George R. Blake, Director  
Telephone: (612) 376-5668

Water Resources Research Center, Missouri University

Sinclair Road - Route 3  
Columbia, MO 65201

Designated Representative:

Dr. Thomas E. Clevenger, Director  
Telephone: (314) 445-8008

Water Resources Research Center, Montana State University

Room 207, Montana Hall  
Montana State University  
Bozeman, MT 59717

Designated Representative:  
Carolyn Roche  
Telephone: (406) 994-5553

Water Resources Research Center, New Hampshire University

Pettee Hall  
Room 108  
Durham, NH 03824

Designated Representative:  
Dr. Gordon L. Byers  
Telephone: (603) 862-2144

Water Resources Research Center, Virginia Polytechnic Institute and State University

617 North Main Street  
Blacksburg, VA 24060

Designated Representative:  
T. W. Johnson, Assistant to the Director  
Virginia Water Resources Research Center  
Telephone: (703) 961-5624  
FTS 937-6011 (ask operator for 961-5624)

Water Resources Research Institute, Colorado State University

326 Aylesworth Hall  
Fort Collins, CO 80523

Designated Representative:  
Norman A. Evans, Director  
Telephone: (303) 491-6308

Water Resources Research Institute, Idaho University

Janssen Engineering Building  
University of Idaho  
Moscow, ID 83843

Designated Representative:  
Dr. Myron Molnau  
Telephone: (208) 885-6429

Water Resources Research Institute, University of Kentucky

230 Transportation Research Bldg.  
Lexington, KY 40506-0043

Designated Representative:  
Ralph R. Huffsey  
Telephone: (606) 257-1832

Water Resources Research Institute, North Dakota University

Fargo, ND 58102

Designated Representative:  
R. D. Koob, Director  
Telephone: (701) 237-7411

Water Resources Research Institute, Puerto Rico University

University of Puerto Rico, Mayaguez Campus  
Mayaguez, PR 00708

Designated Representative:  
Dr. Rafael Munoz Candelario  
Telephone: (809) 832-4040, Ext. 2123

West Virginia Department of Highways-Materials Control, Soil and Testing Division

312 Michigan Avenue  
Charleston, WV 25311

Designated Representative:  
Thomas M. Dugan, Director, Materials Control, Soil and Testing Div.  
Telephone: (304) 348-3160

Western Engineers, Inc.

2150 Highways 6 and 50  
Grand Junction, CO 81505

Designated Representative:  
Michael R. Gross  
Telephone: (203) 242-5202

William T. Lorenz and Company

Management Consultants  
311 Commonwealth Avenue  
Boston, MA 02115

Designated Representative:  
William T. Lorenz, President  
Telephone: (617) 266-1784

Winter Haven Lake Region Boat Course District

P.O. Box 837  
Winter Haven, FL 33880

Designated Representative:  
Ken Recker, Chairman of the Board  
Telephone: (813) 293-1441

Woodward-Clyde Consultants

Harlequin Plaza North  
7600 East Orchard Rd.  
Englewood, CO 80111

Designated Representative:  
A. Ivan Johnson  
Telephone: (303) 694-2770

Wright Water Engineers, Inc.

2490 West 26th Avenue, Suite 55-A  
Denver, CO 80211

Designated Representative:  
Kenneth R. Wright, President  
Telephone: (303) 480-1700

Wyoming Department of Environmental Quality

1111 East Lincoln Way  
Cheyenne, WY 82002

Designated Representative:  
Kent M. Angelos  
Telephone: (307) 777-7317

Wyoming Water Research Center, Wyoming University

Box 3067, University Station  
Laramie, WY 82071

Designated Representative:  
Barbara Drury, WRDS Coordinator  
Telephone: (307) 766-2143



Yonts and Associates, P.E.

508 North Glen Drive  
Raleigh, NC 27609

Designated Representative:

Woodrow L. Yonts

Telephone: (919) 787-7378

## FOREIGN AFFILIATES

### Aqua Mex, S.A.

APDO 2581  
Monterrey, N.L. Mexico

Designated Representative:  
Enrique A. Gonzalez Guzman, Eng.  
General Manager  
Telephone: 47-32-90

### Companhia Auxiliar de Empresas Electricas Brasileiras (CAEEB)

SAS ED. ASCB 11th Andar  
70070 Brasilia - DF Brasil  
Telephone: (061) 223-8544

Designated Representative:  
Dr. Riccardo Jose Cioglia  
Chief, Department of Data Processing

### National Institute of Hydrology

University of Roorkee Campus  
Roorkee 247 667 (UP) India

Designated Representative:  
Dr. S. M. Seth, Director  
Telephone: 2106

### Nigerian Water Data Bank

Engineering Faculty  
University of Lagos  
Lagos, Nigeria

Designated Representative:  
Dr. Oye Ibadapo-Obe  
Deputy Project Leader

### Small Hydro-Electrics Canada, LTD.

P.O. Box 54  
Silverton, British Columbia  
VOG 280 Canada

Designated Representative:  
Craig Murphy  
General Manager  
Telephone: (604) 358-2406

South African Water Information Centre, CSIR

P.O. Box 395  
Pretoria 0001  
South Africa

Designated Representative:

M. R. Steyn, Head  
Telephone: (012) 86-9211 Ext. 3083

Water Resources Document Reference Centre

Inland Waters Directorate  
Environment Canada  
Ottawa, Ontario  
Canada  
KIA OE7

Designated Representative:

Ronald Gauthier  
Water Management Systems Division  
Water Planning and Management Branch  
Telephone: (819) 997-2324

Water Resources Planning Commission

Hydrology Division  
Ministry of Economic Affairs  
Z, Ningpo East St.  
Taipei, Taiwan  
Republic of China

Designated Representative:

Mr. Alan Shaohsing King  
Chief, Surface Water Section  
Telephone: (02) 391-9101

## APPENDIX

### MEMORANDUM OF UNDERSTANDING

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AND THE  
UNITED STATES GEOLOGICAL SURVEY  
PERTAINING TO THE NATIONAL WATER DATA EXCHANGE

The National Water Data Exchange (NAWDEX) is comprised of water-oriented organizations working together to provide convenient access to water data. The NAWDEX mission is to identify sources of water data, to index data holdings of water-oriented organizations, and to provide the linkage between those who acquire and those who use water data.

This memorandum recognizes the \_\_\_\_\_ as a participating member of the National Water Data Exchange (NAWDEX). This membership will continue in effect until terminated by mutual agreement or by either agency providing 60 days written notice to the other agency.

The U.S. Geological Survey (USGS), through its NAWDEX Program Office, will provide the central management of NAWDEX, and will serve as a coordinating facility for all NAWDEX facilities.

The NAWDEX Program Office will be responsible for:

- - - Establishing response and referral mechanisms for handling requests for water data in the files of NAWDEX members.
- - - Establishing and maintaining a Master Water Data Index of data holdings of the NAWDEX members and making the index available to all.
- - - Establishing and maintaining a Water Data Sources Directory and making this directory available to all.
- - - Establishing a nationwide network of NAWDEX Assistance Centers that will provide data search assistance to requesters and aid them in gaining access to water data held by NAWDEX members.

The \_\_\_\_\_ will be responsible for:

- - Taking an active role in the formulation of NAWDEX policies, procedures, and standards and implementing them within its organization to the extent practicable.
- - - Participating in the development of standard techniques and methodologies for handling of water data and using them within its organization to the extent practicable.
- - - Providing information on internally held water data for inclusion in the Master Water Data Index and, as requested, providing current information to update the Master Water Data Index to reflect additions, changes, and corrections to the index.

- - - Providing data from its internal holdings either in response to a referral from the NAWDEX Program Office or a NAWDEX Assistance Center, or in response to a direct request for water data.

- - - Designating a representative of its organization to function as the primary contact for all NAWDEX matters.

It is mutually understood that membership in NAWDEX is voluntary and that all members will participate on an equal basis, and consent to be listed as a source of water data in the Water Data Sources Directory. There will be an open exchange of information among NAWDEX members and every effort will be made to provide water data to the user community in a timely and equitable manner.

Melvin D. Edwards, Program Manager  
National Water Data Exchange

\_\_\_\_\_  
Signature, Title

\_\_\_\_\_  
Signature, Title

Date \_\_\_\_\_

Date \_\_\_\_\_



