Chesapeake Bay Baseline Data Acquisition
Appendix I: A Chesapeake Bay Directory

Chesapeake Research Consortium, Incorporated

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Chesapeake Research Consortium, Incorporated

A CHESAPEAKE BAY DIRECTORY

FEBRUARY 1978

PREPARED FOR
THE CHESAPEAKE BAY PROGRAM
U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION III

ORC

The Johns Hopkins University  Smithsonian Institution
University of Maryland  Virginia Institute of Marine Science
A CHESAPEAKE BAY DIRECTORY

Prepared for

The Chesapeake Bay Program
Region III
United States Environmental Protection Agency
6th and Walnut Streets
Philadelphia, Pennsylvania
Contract No. 68-01-3994

by

Chesapeake Research Consortium, Incorporated

University of Maryland
Center for Environmental and Estuarine Studies
Andrew J. McErlean
Karen A. Rutledge

Virginia Institute of Marine Science
Maurice P. Lynch
Thomas Lochen

CRC Publication No. 63
February 1978
This directory is the updated version of the Mitre Corporation directory compiled in September 1976 for the staff of the Chesapeake Bay Program, Region III, Environmental Protection Agency. It identifies, by name, address, and telephone number, academic researchers, administrators, institutions, agencies, interest groups, consulting organizations, and other entities concerned with the water quality of the Chesapeake Bay and related water matters. It is current as of February 1978 and should be revised periodically to incorporate changes in personnel and organization structure.
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<td>Potomac River Fisheries Commission</td>
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1.0 INTRODUCTION

1.1 Content, Purpose and Use of Directory

This volume is a directory of academic researchers, administrators, institutions, agencies, and other organizations that play an active role in regulating, monitoring, or studying the water quality of the Chesapeake Bay, or which exhibit an interest in the quality of the Bay. The directory may be used as a companion to A Chesapeake Bay Review: Research and Responsibilities Volume I prepared by the Mitre Corporation for acquiring mailing addresses or as a telephone directory.

This directory was prepared for the United States Environmental Protection Agency Region III as a part of The Chesapeake Bay Program. It partially fulfills obligations for the "Baseline Data Acquisition" project, contract number 68-01-3994.

1.2 Sources and Limitations of Information

The information in this directory is an updated version of that in A Chesapeake Bay Review: Research and Responsibilities Volume II published in September 1976 by the Mitre Corporation. The listings were confirmed or updated with information obtained through mailings or by telephone conversations with administrators or scientists representing each organization in the directory.
In the Mitre report the academic institutions and researchers actively engaged in research on the Bay (graduate students not included) were compiled from information contained in a 1972 inventory of estuarine scientists prepared by the Chesapeake Research Consortium, Inc. (Kerby and McErlean, 1972; Cohen and McErlean, 1972) and from recommendations by various researchers and administrators.

Various directories were utilized at the start of the Mitre project to obtain information concerning governmental agencies (Cross and Hennington, 1974; Decker, 1975; Kerbec, 1974; The Onyx Group, Inc., 1974). The listings of governmental agencies contained within this directory were originally compiled from information obtained directly from these agencies.

The listing of interest groups and consulting organizations in the Bay area was compiled from various environmental and consulting directories (Cross and Hennington, 1974; Decker, 1975; The Onyx Group, Inc., 1974) and from mailing addresses provided by various agencies. A few consultants who have mailing addresses outside of the Bay area were included because they have been identified by various governmental agencies or reports as having performed studies on the Bay or are interested in performing contractual studies on the Bay.

Owing to the time period assigned for the updating of this directory, it was not possible to identify every organizational unit having interest in the Bay. Many
quasi-governmental units, especially at the local and county levels of organization which receive subsidies for land use planning, coastal zone management planning, mosquito control, or erosion control may be absent from this report.

Although current through 1 February 1978, the information contained within should be revised, updated, and expanded periodically to reflect changes in personnel and organizational structure. This is particularly relevant to the various governmental agencies which are undergoing reorganization.
2.0 ACADEMIC INSTITUTIONS

2.1 American University
Washington, D. C. 20016
(202) 686-2000
Department of Biology
(202) 686-2177
Anderson, Richard R. (Prof.)
- wetlands, remote sensing
Banta, William (Director of Marine Science Program)
- bryozoans, wetlands
Champ, Michael (Prof.)
- water pollution

2.2 Anne Arundel Community College
101 College Parkway
Arnold, Maryland 21012
(301) 647-7100
Department of Biology
Gemignani, Hugo G. (Prof.)
- estuarine biota
Suman, Theodore (Prof.)
- entomology of areas adjacent to Bay
Williams, David H. (Prof.)
- plankton, plant taxonomy and anatomy
Department of Ocean Engineering Technology
Gucinski, Hermann (Prof.)
- oceanography, training of marine technicians, ocean dumping
Stibolt, Kenneth A. (Prof.)
- oceanography, training of marine technicians, marine education
2.3 Charles County Community College
Box 910
Mitchell Road
La Plata, Maryland 20646
(301) 934-2251
Division of Biological Sciences

Jensen, Belva (Director)
- environmental planning, energy resources

Department of Estuarine Resource Technology

Poe, Thomas (Prof.)
- training of estuarine research technicians, chairman of Benedict Station

Pollution Abatement Technology Department
Ext. 217

Engel, William T. (Chairman)
- manager for St. Charles lagoon nutrient research project

2.4 Chesapeake College
Wye Mills, Maryland 21679
(301) 758-1537
Department of Science and Mathematics

Shepherd, John (Asst. Prof.)
- conducts instructional field trips for ecology course

Wieland, Tom (Instructor)
- marine ecology

2.5 Christopher Newport College
50 Shoe Lane
P. O. Box 6070
Newport News, Virginia 23606
(804) 599-7000
Department of Biology, Marine Science Section
(804) 599-7062
Cones, Harold Nelson, Jr. (Prof.)
- marine jellyfish

Mollick, Ronald S. (Prof.)
- benthic invertebrate ecology

Wise, E. Spencer (Prof.)
- wetlands ecology, coastal zoning,
submerged aquatic vegetation
- Citizen Representative - Submerged
Aquatic Vegetation Group for Citizen's
Committee for Chesapeake Bay

2.6 University of Delaware
Newark, Delaware 19711
(302) 738-2000

College of Marine Studies
Lewes Complex
Lewes, Delaware 19958
(302) 645-4211

Price, Kent S. (Assoc. Dean and Director)

College of Marine Studies
Robinson Hall
Newark, Delaware 19711
(302) 738-2841

Gaither, William S. (Dean)

Biggs, Robert B. (Asst. Dean)

Daiber, Franklin C. (Prof.)
(302) 738-1212
- fish movements in the Chesapeake
and Delaware Canal
- participated in a FWS Permit Review
study

Lotrich, Victor A. (Prof.)
(302) 738-2276
- ecological aspects of the Chesapeake
and Delaware Canal
2.7 Federal City College
Department of Biology
1331 H Street, N. W.
Washington, D. C. 20005
(202) 727-2743
Phelps, Harriet (Assoc. Prof.)
- heavy metals, chelation and adsorption of cadmium by shellfish

2.8 George Washington University
2121 I Street
Washington, D. C. 20052
(202) 676-6000
Department of Biology
(202) 676-6090
Hufford, Terry (Prof.)
- algae, freshwater diatoms
Knowlton, Robert (Prof.)
- marine biology
Merchant, Henry (Prof.)
- aquatic ecology
Department of Chemistry
(202) 676-6121
Caress, Edward (Prof. and Asst. Dean of Graduate Studies)
- organic chemical analysis
Rowley, David (Prof. and Asst. Dean of Graduate Studies)
- inorganic chemical analysis
School of Engineering and Applied Science
Department of Civil, Mechanical and Environmental Engineering
(202) 676-6749
Fox, R. (Prof.)
- soil mechanics
Department of Geology
(202) 676-6190
Seigel, Frederick (Prof.-Chairman)
- geochemistry, sediment analysis, algae blooms
2.9 Georgetown University  
37th and O Street, N. W.  
Washington, D. C. 20057  
(202) 625-0100  
Department of Biology  
(202) 625-4126  
Chapman, George Bunker (Prof.-Chairman)  
- cell biology, electron microscopy  
Blanquet, R. S. (Prof.)  
- invertebrate physiology  
Chen, Peter K. (Prof.)  
- fish diseases, immunology  
Spoon, Donald M. (Prof.)  
- protozoans and pollutants in the Potomac River  
Sze, Philip (Prof.)  
- phycology  

2.10 Goucher College  
Dulaney Valley Road  
Towson, Maryland 21204  
(301) 825-3300  
Johnson, William (Prof.)  
- ecology and marine biology  
Webb, H. Marguerite (Prof.)  
- biological rhythms  

2.11 Hood College  
Rosemount Avenue  
Frederick, Maryland 21701  
(301) 663-3131  
Department of Biology  
Gilford, James H. (Prof.-Chairman)  
- aquatic ecology
2.12 Johns Hopkins University
34th and Charles Streets
Baltimore, Maryland 21218

(301) 338-8000

Applied Physics Laboratory
John Hopkins Road
Laurel, Maryland 20810

(301) 953-7100

Schulz, A. G. (Asst. Director for Planning)
- power plant siting evaluation

Eberhart, Russell (Section Supervisor)
- power plant siting evaluation

Kohlenstein, Lawrence C. (Asst. Group Supervisor)
- power plant siting evaluation

Moon, Milton (Project Supervisor)
- power plant siting evaluation

Portner, Edward (Project Engineer)
- power plant siting evaluation

Chesapeake Bay Institute
(301) 338-8255

Gross, M. Grant (Director)
- sediments and wastes in coastal
  and ocean environment, urban
  effects in ocean
- Trustee, Chesapeake Research
  Consortium
- Member, Chesapeake Bay Foundation
- Member, Sea Grant Advisory Board

Taylor, W. Rowland (Asst. Director for Research)
- estuarine biological and
  chemical oceanography

Pritchard, Donald W. (Principal Chief Scientist)
- dynamics and kinematics of
  estuarine circulation

Boicourt, William C. (Assoc. Research Scientist)
- physical oceanography, circulation
  and mixing
Cronin, Bill (Staff Oceanographer)
   - field oceanography

Eaton, Andrew (Assoc. Research Scientist)
   - marine geochemistry

Ferri, Kenneth (Staff Chemist)
   - analytical chemistry of sea water

Grant, Virginia E. (Staff Chemist)
   - biogeochemistry of trace metals in the Bay

Heinbokel, John (Assoc. Research Scientist)
   - zooplankton

Karweit, Michael J. (Research Scientist)
   - fluid mechanics

Miller, Paul E. (Asst. Research Scientist)
   - biological aspects of power plant siting

Najarian, Tavit (Assoc. Research Scientist)
   - physical oceanography, mathematical modeling

Otto, Robert G. (Assoc. Research Scientist)
   - bioassay, experimental ecology and environmental physiology of fishes

Rives, Stephen R. (Staff Oceanographer)
   - hydrography, power plant siting evaluation

Schiemer, Edmund W. (Research Engineer)
   - instrumentation, littoral drift

Taft, Jay L. (Research Scientist)
   - phytoplankton physiology, phosphorus distribution in the Bay

Tyler, Mary (Assoc. Research Scientist)
   - phytoplankton

Wahely, Richard (Staff Oceanographer)
   - current meter observations

Wang, Dong-Ping (Assoc. Research Scientist)
   - mathematical modeling of estuarine and oceanographic processes
Chesapeake Bay Institute Field Station
313 Third Street
Annapolis, Maryland 21403

(301) 268-5231 or
268-0281

(Some of the above scientists work out of this field station)

Department of Biology
(301) 338-7330

Powers, Dennis (Asst. Prof.)
- biochemical genetics of fish populations

Seliger, Howard (Prof.)
- phytoplankton

Department of Earth and Planetary Sciences
(301) 338-7035

Phillips, Owen M. (Chairman)
- geophysics, waves and turbulence

Jackson, Jeremy (Assoc. Prof.)
- aquatic ecology

Woodin, Sarah (Asst. Prof.)
- benthic ecology

Department of Geography and Environmental Engineering
(301) 338-7092

Wolman, M. G. (Chairman)
- environmental engineering, urban and land runoff, water quality

Boland, John (Assoc. Prof.)
- economics of and resource uses of power plant siting, coastal zone management

Brush, Lucin M. (Prof.)
- nutrient loading, water quality management, power plant siting

Chamberlin, Charles (Asst. Prof.)
- water quality management, wastewater loading
Cohen, Jared (Assoc. Prof.)
- water quality modeling, Potomac River studies

Re Velle, Charles (Prof.)
- water quality modeling, Potomac River studies

School of Hygiene and Public Health
615 North Wolfe Street
Baltimore, Maryland 21218
(301) 955-5000

Department of Environmental Health Science
Division of Toxicology
(301) 955-3045

Frazier, John M. (Prof.)
- toxic substances

Department of Pathobiology
(301) 955-3604

Sladen, William J. L. (Prof.)
- winter waterfowl populations (geese, swans)

Southwick, Charles (Prof.)
- aquatic vegetation, fish and water quality in the Baltimore Harbor

2.13 Longwood College
Farmville, Virginia 23901
(804) 392-9291

Department of Natural Sciences
(804) 392-9351

Batts, Billy S. (Assoc. Prof.)
(804) 392-9353 - fisheries, marine ecology

Harvill, Alton M. (Prof.)
- botany of the Bay

2.14 Mary Washington College
Fredericksburg, Virginia 22401
(703) 373-7250
Department of Biology

Bass, M. L. (Prof.)
- aquatic ecology, fisheries, aquatic entomology, fish toxicology

Pinschmidt, W. (Prof.)
- marine biology, animal ecology, invertebrate zoology

2.15 University of Maryland

University of Maryland at Baltimore (UMAB)

Law School
500 W. Baltimore Street
Baltimore, Maryland 21201
(301) 528-7214

Power, Garrett (Prof.)
- environmental law, coastal zone planning

School of Medicine
31 S. Greene Street
Baltimore, Maryland 21201
(301) 528-7410

Division of Dermatology
(301) 528-5766

Burnett, Joseph W. (M.D.)
- toxicology of venomous animals in Bay, study of toxins from dinoflagellates and causes of fish kills

Calton, Gary J. (Prof.)
- toxicology of venomous animals in Bay, study of toxins from dinoflagellates and causes of fish kills

Department of Pathology
(301) 528-7070

Trump, Benjamin F., M.D. (Chairman)
- fish pathology, fish toxicology, carcinogenesis in fish
Heatfield, Barry M. (Asst. Prof.)  
- neoplasia and phagocytosis in bivalves

Jones, Raymond T. (Asst. Prof.)  
- fish pathology, fish toxicology, carcinogenesis in fish

Kahng, Myong W. (Asst. Prof.)  
- energy metabolism in marine organisms, effects of pollutants on microsomal enzymes

Kaiser, Hans E. (Asst. Prof.)  
- invertebrate toxicology

Department of Pharmacognosy
(301) 528-7515

Blomster, Ralph (Prof.)  
- biotransformation of fungi and pesticides

Speedie, Marylan (Asst. Prof.)  
- biotransformation of fungi and pesticides

University of Maryland, Baltimore County, (UMBC)

Department of Biological Sciences
Catonsville, Maryland 21228
(301) 455-2297

Bradley, Brian (Assoc. Prof.)  
- estuarine copepods

Burchard, Robert P. (Prof.)  
- ecology of estuarine microorganisms

Department of Political Science
5401 Wilkens Avenue
Baltimore, Maryland 21228
(301) 455-2568

Milsten, Donald E. (Prof.)  
- member of Panel on Public Policy on Nuclear Energy for Electricity Generation, regulation of pollution control, coastal zone management

(Dr. Milsten is on leave through July, 1979 and is currently Director of the Maryland Energy Policy Office. He can be contacted at): Suite 1302
301 W. Preston Street
Baltimore, Maryland 21201
(301) 383-6810
University of Maryland, Central Administration (UMCA)
College Park, Maryland 20742
(301) 454-0100

Sparks, David S. (Interim Vice President for Graduate Studies and Research)
- Sea Grant Program
- Trustee, Chesapeake Research Consortium

University of Maryland, Center for Environmental and Estuarine Studies (UMCEES)

Administrative Office
P.O. Box 775
Horn Point Road
Cambridge, Maryland 21613
(301) 228-9250

Wagner, Peter E. (Director)
- environmental policy, as related to impact of human activities on the Bay environment and the scientific basis for public decisions concerning Bay areas

McErlean, Andrew (Assoc. Director of Research)
- research administration, multi-institutional cooperative studies, estuarine pollution ecology

Winn, Paul N., Jr. (Assoc. Director for Administration)
- business personnel and capital budget management

Billings, Gloria (Agent in Charge of Public Affairs)
- center public relations including editing and design of publications, media relations, special events, advising laboratories and scientists on public relations matters, and providing Center archive services

Appalachian Environmental Laboratory
Frostburg State College Campus
Gunter Hall
University of Maryland
Frostburg, Maryland 21532
(301) 689-3115

Chapman, Joseph A. (Assoc. Prof. and Head)
- wildlife biology and ecology, terrestrial ecosystems, game
and non-game research, management programming for mammals, home range and density studies, mammalian reproductive physiology, biology of introduced mammals

Dixon, Kenneth R. (Asst. Prof.)
- mathematical modeling and computer simulation of ecosystems and wildlife populations, research on prediction of long-term effects of man's perturbation of natural ecosystems, predator-prey relationships, wildlife population dynamics

Feldhamer, George A. (Research Assoc.)
- big game biology and management, wildlife habitat measurements and evaluation, wildlife population analyses including the effects of vegetative and edaphic parameters on wildlife distribution and abundance

Fuller, Kent B. (Senior Agent)
- resource education and planning, public relations and information and education programming, environmental and outdoor education, community services and media coordination

Gates, Edward J. (Asst. Prof.)
- wildlife biology and management, habitat selection and analyses, population and community ecology, upland game and non-game research, plant systematics and ecology

Harman, Dan M. (Assoc. Prof.)
- forestry and forest entomology, forest insect bio-ecology, insect behavior and morphology, forest management practices, freshwater macroinvertebrate research

Hocutt, Charles H. (Asst. Prof.)
- ecology of freshwater ecosystems, biology of fishes and macroinvertebrates, fish and aquatic invertebrate taxonomy, behavior, toxicity and thermal research, pollution of aquatic systems
Mitsch, William J. (Asst. Prof.)
- environmental and mechanical engineering sciences, disturbed aquatic and terrestrial systems ecology, ecosystem modeling and planning, aquatic and terrestrial ecosystems energetics, aquatic ecology

Mosher, James A. (Asst. Prof.)
- avian biology and ecology, game and non-game research, ecology and biology of birds of prey, physiological ecology and bioenergetics

Stauffer, Jay R., Jr. (Asst. Prof.)
- ecology of freshwater ecosystems, biology of fishes and macroinvertebrates, fish and aquatic invertebrate taxonomy, pollution of aquatic systems

Willner, Gale R. (Faculty Research Asst.)
- wildlife biology and ecology, aquatic furbearers, reproductive physiology and habitat analysis, marsh ecology and management, wildlife laboratory techniques and procedures

College Park Field Station
8905 Azalea Lane
College Park, Maryland 20742
(301) 454-5641

Flyger, Vagn (Prof.)
- waterfowl and aquatic mammals, wildlife sanctuaries, endangered wildlife

Genys, John B. (Prof.)
- near-Bay trees, tree improvement, water temperature, ground water levels

Tsai, Chu-Fai (Prof.)
- fishery biology, effects of pollution on fish

Chesapeake Biological Laboratory
P.O. Box 38
Solomons, Maryland 20688
(301) 326-4281

Cooney, Joseph J. (Prof. and Head)
- microbial physiology and ecology, metabolism of hydrocarbons, photokilling of bacteria, microbial transformations of metals

2-14
Reber, Michael J. (Asst. to the Head of Laboratory)
- operations and administration, biological photographer, photographs of Bay organisms

Beaven, M. Linton (Sr. Faculty Research Asst.)
- nuclear power plant impacts on primary production, nuclear power plant entrainment study

Beaven, Melvin S. (Faculty Research Asst.)
- stomach analysis of striped bass, zooplankton toxicology, ichthyoplankton analysis

Boynton, Walter R. (Asst. Prof.)
- regional modeling of estuarine, urban, and terrestrial ecosystems, phytoplankton production, detritus utilization, and nutrient cycling

Bradford, Richard H., Jr. (Faculty Research Asst.)
- pollution ecology

Cargo, David G. (Research Assoc.)
- estuarine ecology of benthic invertebrates, biology and control of sea nettles

Cole, Marthe A. (Faculty Research Asst.)
- aquatic microbiology

D'Elia, Christopher F. (Asst. Prof.)
- nutrient dynamics and energetics of marine ecosystems, phytoplankton, invertebrate symbiosis, coral reef ecology, aquaculture

Drobeck, Klaus G. (Faculty Research Asst.)
- aquatic microbiology

Dunnington, Elgin A. (Research Assoc.)
- research vessel design and operation, shellfish biology

Heinle, Donald R. (Assoc. Prof.)
- ecology of zooplankton energy transfer

Hiegel, Martha H. (Sr. Faculty Research Asst.)
- benthic invertebrates

Homer, Mark L. (Faculty Research Asst.)
- systems analysis, finfish biology and ecology
Jones, Philip W. (Faculty Research Asst.)
- water quality, productivity

Kaumeyer, Kenneth R. (Faculty Research Asst.)
- benthic sampling and analysis of benthic community structure, underwater caging experiments to determine benthic predation patterns, benthic metabolism experiments and chemical analysis of seawater

Koo, Ted S. Y. (Prof.)
- fishes, fish eggs, and larvae, thermal impacts, sewage-aquaculture, Sea Grant Program Development

Lubbers, Lawrence III (Faculty Research Asst.)
- biological impacts of steam electric stations

Lunsford, H. Robert, Jr. (Faculty Research Asst.)
- Patuxent River finfish survey

Martin, F. Douglas (Asst. Prof.)
- fish egg and larval systematics, ecology of larval and juvenile fishes

Mihursky, Joseph A. (Prof.)
- pollution ecology, thermal discharges, temperature effects on biota, impacts of regional planning decisions, estuarine community dynamics

Millsaps, Harold S., Jr. (Sr. Faculty Research Asst.)
- power plant entrainment of zooplankton

Mountford, Nancy K. (Sr. Faculty Research Asst.)
- benthic invertebrates

Osborne, Carl G. (Faculty Research Asst.)
- benthic and water column metabolism, pollution biology

Pfitzenmeyer, Hayes T. (Research Assoc.)
- benthic invertebrate ecology, shellfish biology and management

Rawls, Charles K. (Agent)
- communication of information, wetlands ecology, waterfowl food habits studies
Roosenburg, Willem H. (Faculty Research Asst.)
- biology and toxicology of shellfish

Rosenkranz, Ann M. (Faculty Research Asst.)
- biology and toxicology of shellfish

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- ichthyoplankton, population dynamics and ecology, utilization of estuarine nursery areas

Shelton, Diane G. (Faculty Research Asst.)
- pollution ecology

Smucker, Richard A. (Research Assoc.)
- physiology and cytology of aquatic microorganisms, scanning and transmission electron microscopy

Sprague, Victor (Prof.)
- protozoan diseases and disease agents

Ulanowicz, Robert E. (Assoc. Prof.)
- modeling of mass flows, hydrographic modeling applied to impact of electrical generation facilities

Wiley, Martin L. (Asst. Prof.)
- fishery biology, impacts of underwater explosions
  - Managing Editor, ESTUARIES and Estuarine Research Federation

Wilson, John S. (Faculty Research Asst.)
- fishery biology, computer systems

Wood, Kathryn (Faculty Research Asst.)
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- ecology of blue crab, development of marine and estuarine invertebrates, larval ecology, physiology
Baptist, Garry (Biologist I)
- algal culture

Fisher, Thomas R. (Asst. Prof.)
- nutrient dynamics

Hampp, Charles (Faculty Research Asst.)
- nutrient analysis and computer programming

Johnston, Michael (Faculty Research Asst.)
- recolonization patterns in areas altered by dredging and spoil dispersal

Kemp, William M. (Asst. Prof.)
- systems ecology

Kennedy, Victor S. (Asst. Prof.)
- benthic ecology, oyster reproduction and settlement

Krantz, George E. (Assoc. Prof.)
- shellfish biology, diseases of finfish and estuarine organisms, hatchery techniques

Krantz, Lucretia (Faculty Research Asst.)
- shellfish histology

Lane, Lois C. (Biologist I)
- water analysis

Lee, Henry (Post Doctoral Fellow)
- benthic ecology

Lomax, Kenneth M. (Asst. Prof.)
- wastewater treatment and disposal, aquacultural engineering, diffuse sources of pollution

Lomax, Nancy (Faculty Research Asst.)
- microbiology

Meritt, Donald (Biologist II)
- shellfish biology and waterfowl ecology with special interest in hybridization

Miller, Robert E. (Biologist III)
- ecology of blue crab

Pemberton, Dixie Ann (Assoc. Prof.)
- conservation education
Price, Daniel (Faculty Research Asst.)
- diffuse sources of pollution

Smawley, Donna (Faculty Research Asst.)
- oyster biology and invertebrate ecology

Stevenson, J. Court (Asst. Prof.)
- marsh ecology, diffuse source nutrient and pollution loading by terrestrial and aquatic systems

Tatro, Mahlon C. (Assoc. Prof.)
- environmental information

Van Heukelem, William (Post Doctoral Research Assoc.)
- significance of spawning stock to recruitment of blue crabs

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- seafood process wastewater, discoloration in shellfish, heavy metal concentrations in shellfish

Buroker, Norman E. (Post Doctoral Fellow)
- population genetics of oysters

Cockey, Ralph R. (Faculty Research Asst.)
- marine microbiological processes, public health aspects of pollution

Duersch, James W. (Asst. Prof.)
- research in seafood technology

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Ponnamperuma, Cyril (Prof.)
- diagenesis of organic compounds in sediments, hydrocarbons in ocean waters

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- human pathogens in aquatic environments  

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- pollution induced mutations in bacterial test system, molecular biology of Vibrio in the Bay  

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- sharks, skates and rays

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Linder, Harris J. (Assoc. Prof.)  
- sex differentiation in sea  
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Pierce, Sidney K. (Assoc. Prof.)  
- physiological and biochemical  
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invertebrates and their environ- 
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Reaka, Marjorie L. (Asst. Prof.)
- life histories of Crustacea,
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  respiratory systems of aquatic
  organisms

Gupta, Gian (Asst. Prof.)
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Pinion, Jack (Prof.)
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Reback, Steve (Prof.)
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- training, advising and coordinating extension agents on environmental programs

Busbice, Bobby G. (District Supervisor)
- training, advising and coordinating extension agents on environmental programs

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- tax and record keeping for watermen extension programs

Bender, Norman K. (Extension Economist)
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Mott, Shirley J. (Extension Home Economist)  
- consumer related information on finfish and shellfish

Nerud, Georgia S. (Extension Home Economist)  
- consumer related information on finfish and shellfish

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- methods, regulations and development of commercial fisheries, business management for watermen, seafood processing

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- pollution, ecology, zooplankton

Birdsong, Ray S. (Assoc. Prof.)  
- ecology and systematics of fishes

Dauer, Daniel M. (Prof.)  
- ecology of marine benthic invertebrates

Erkenbrecher, Carl W. (Prof.)  
- estuary and marine microbiology

Johnson, James C. (Prof.)  
- eco-virology, virology of estuaries

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- marine microbial ecology, mycology

Musselman, Lytton (Prof.)  
- aquatic and wetlands plants

Department of Chemistry

Diefenderfer, A. James (Prof.-Chairman)  
- instrumentation

Bell, Charles E., Jr. (Prof.)  
- natural products from marine organisms

Department of Civil Engineering

Drewry, William A. (Prof.-Chairman)  
- water and wastewater treatment

Kuo, Chin Y. (Prof.)  
- coastal hydraulics

Pagoria, Philip S. (Prof.)  
- water quality modeling

Umari, Amjad (Prof.)  
- water resources management
Institute of Oceanography

Ludwick, John C. (Prof. and Director)
- mechanics of sediment transport, coastal processes

Blair, Carvel H. (Asst. Prof.)
- coastal engineering

Fleischer, Peter (Asst. Prof.)
- mineralogy of fine-grained marine sediments, stratigraphy of the continental slope

Grosch, Chester E. (Prof.)
- theory of fluid turbulence, statistical wave theories, numerical models

Johnson, Ronald E. (Asst. Prof.)
- generation and distribution of water masses, oceanic circulation

Ofelt, George S. (Assoc. Prof.)
- underwater sound, optical oceanography, thermal processes in the ocean

Oglesby, Donald McC. (Assoc. Prof.)
- marine chemistry

Provenzano, Anthony J. (Prof.)
- larval ecology, reproduction of invertebrates

White, Harris H. (Asst. Prof.)
- plankton ecology and physiology

Wong, George T. F. (Asst. Prof.)
- trace elements, radionuclides

Adjunct appointments to the Institute are held by:

Shideler, Gerald L. (Adjunct Assoc. Prof. - U. S. Geological Survey)
- marine geology, sedimentary petrology

Swift, Donald J. P. (Adjunct Assoc. Prof. - National Oceanographic and Atmospheric Administration)
- geological oceanography, shelf morphology, history and sediment transport
Department of Physics and Geophysical Sciences

Darby, Dennis A. (Asst. Prof.)
- sedimentology

Koch, Carl (Asst. Prof.)
- paleontology

Rule, Joseph H. (Asst. Prof.)
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Spencer, Randall S. (Assoc. Prof.)
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Topping, J. (Prof.)
- analytical chemistry, polycyclic aromatics in sediments of Bay

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Williams, Jerome (Prof.)
- development of instrumentation
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McCormick, M. E. (Prof.)
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- remote sensing work

Dolan, Robert (Prof.)
- beach processes and coastal geomorphology

Dueser, Raymond (Prof.)
- small mammal ecology of marshes

Ellison, Robert (Prof.)
- marsh and estuarine ecology

Fisher, John (Prof.)
- beach processes and estuarine circulation

Garstang, Michael (Prof.)
- coastal zone wind energy

Hayden, Bruce (Prof.)
- coastal climatology

Odum, William (Prof.)
- marsh and estuarine ecology and coastal zone land use planning

Pielke, Roger (Prof.)
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Reed, Wallace (Prof.)
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- biological oceanography, resource management, science administration, parasitology
- Trustee, Chesapeake Research Consortium

(Dr. Hargis is also Dean, School of Marine Science of the College of William and Mary and Chairman, Department of Marine Science of the University of Virginia)

Pleasants, John B.
- coastal zone management, research administration, information management

Theberge, N. Bartlett, Jr.
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Marine Environment and Resources Research and Management Systems (MERRMS)

Jones, Claiborne (Head)
- management information

Division of Biological Oceanography

Perkins, Frank O. (Asst. Director and Division Head)
- management of marine and estuarine resources, coastal zone management, cell biology of marine protists

Department of Invertebrate Ecology

Wass, Marvin L. (Head)
- benthic ecology, wetland ecology and marine biogeography

Boesch, Donald F.
- marine ecology (particularly benthic ecology), pollution ecology, community ecology

Orth, Robert
- submerged aquatic vegetation
Roberts, Morris H. - physiological ecology of marine and freshwater decapod crustaceans, pollution effects on vertebrates and invertebrates in all life states

Serafy, D. Keith - marine benthic ecology and systematics of echinoderms

Department of Marine Culture

DuPuy, John L. - marine ecology and invertebrate culture

Department of Microbiology - Pathology

Kator, Howard I. (Head) - microbiology of hydrocarbon degradation, microbiology of estuaries and marshlands

Ruddell, Craig L. - histopathology, histochemistry, cell biology of marine metazoa

Department of Planktology

Grant, George C. (Head) - taxonomy and ecology of marine zooplankton (specializing in Chaetognatha), application of computer techniques to problems in taxonomy

Division of Environmental Science and Engineering

Bender, Michael E. (Asst. Director and Division Head) - eutrophication, algal ecology, water quality criteria for aquatic life - Trustee, Chesapeake Bay Consortium

Department of Ecology - Pollution

Huggett, Robert J. (Head) - heavy metals, pesticides, oil pollution, water quality criteria

Webb, Kenneth L. (Head - Environmental Biology Section) - plant physiology and ecology
Haas, Leonard W. - ecology and phytoplankton dynamics
Jordan, Robert A. - eutrophication, algal ecology, thermal pollution
Bieri, Rudolf H. (Head - Environmental Chemistry Section) - oceanography, environmental sciences
Cueman, Michael K. - environmental chemistry
Harris, Richard - trace metals in the environment, water quality
Stamoudis, Vassilios - hydrocarbon analysis of oil spills, toxic organic substances

Department of Environmental Physiology
Zubkoff, Paul L. (Head) - biochemistry, environmental physiology
Warinner, J. E. - radiobiology, environmental physiology

Department of Wetlands Research and Environmental Impact Assessment
Silberhorn, Gene M. (Head) - wetlands ecology, evaluation of land use development with respect to natural vegetation
Banard, Thomas - coastal resources management
Dawes, George M. - coastal resources management
Wetzel, Richard L. - ecosystem modeling, wetlands, energetics

Division of Fisheries Science and Services
Austin, Herbert M. (Asst. Director and Division Head) - fisheries oceanography, year class strength prediction
Department of Applied Biology

Haven, Dexter S. (Head)
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Department of Crustaceology

Van Engeland, Willard A. (Head)
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Musick, John A.
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Division of Physical Science and Coastal Engineering

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- Trustee, Chesapeake Research Consortium

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MacIntyre, William G.  
- chemical oceanography, data processing

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- marine chemistry, organic geochemistry, chemistry of oil pollution

Su, Chih Wu  
- hydrocarbon chemistry

Department of Geological Oceanography

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Goldsmith, Victor  
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Munday, John C., Jr.  
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Chen, Hsuan Shan  
- water wave mechanics, harbor resonance in offshore or coastal harbor

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- geophysical fluid dynamics, estuarine and continental shelf oceanography

Kuo, Albert Y.  
- estuarine hydrodynamics, turbulence
Ruzecki, Evon P. - meteorology, relationships between physics and biology of ocean systems

Welch, Christopher S. - dynamical oceanography and measurements with drogued buoys

Division of Special Programs and Scientific Services

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- management of marine and estuarine resources, coastal zone management, physiology of estuarine organisms

Department of Advisory Services

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Rooney-Char, Anne
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BLM-OCS Program

Burreson, Eugene M. (Program Manager)
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Data Processing Services

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Degges, Francis
- assistance programming

Roller, William
- statistics

Shaw, Ginny
- data base management
Sea Grant Program

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- marine biology, shellfish parasites, helminth life cycles

Wachapreague Laboratory

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Coale, Charles (Prof.)
- seafood marketing, firm management, Citizens Program for Chesapeake Bay

Long, Burl (Prof.)
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Marshall, Paxton (Prof.)
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- flood control, land use policy, economic analysis of water quality

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- water quality studies of inland tributaries

Linzey, Donald W. (Instructor - Administrator)  
- endangered species

Benfield, Ernest F. (Assoc. Prof.)  
- aquatic ecology, pollution effects, inland tributaries

Buikema, Arthur L., Jr. (Assoc. Prof.)  
- aquatic ecology, pollution effects, inland tributaries

Hendricks, Albert C. (Assoc. Prof.)  
- aquatic ecology, pollution effects, inland tributaries

Simmons, George M., Jr. (Assoc. Prof.)  
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Dickenson, Richard B. (Prof.)
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Department of Biology
Woodson, B. R., Jr. (Prof.) - algal systematics and productivity

2.27 Western Maryland College Westminster, Maryland 21157
(301) 848-7000
Department of Biology
Alspach, Samuel (Prof.) - marine biology, anaerobic respiration in oysters and clams, assessment of clam populations in Narragansett Bay Rhode Island

Department of Chemistry
Smith, Richard (Prof.) - water quality, chemical analysis, nutrient export with regard to land use, pesticide degradation in the soil

2.28 College of William and Mary Williamsburg, Virginia 23185
(804) 253-4000
Department of Biology and School of Marine Science (The faculty of the Virginia Institute of Marine Science hold joint appointments to the School of Marine Science)
Black, Robert E. L. (Prof.)  
- embryology of invertebrates

Byrd, Mitchell A. (Prof.)  
- osprey population in Chesapeake Bay

Mangum, C. P. (Prof.)  
- invertebrate biology under stress conditions
3.0 FEDERAL AGENCIES

3.1 Department of Commerce
National Oceanic and Atmospheric Administration
Main Commerce Building
Washington, D.C. 20230

Richard A. Frank, Administrator
(202) 377-3567
James P. Walsh, Deputy Administrator
(202) 377-3436

6010 Executive Boulevard (main mailing address)
Rockville, Maryland 20852

George Benton, Acting Associate Administrator
(301) 443-8202
Stanley B. Eames, Director, Public Affairs
(301) 443-8243

Coastal Zone Management
2001 Wisconsin Avenue, N.W.
Washington, D.C. 20235

Robert W. Knecht, Acting Assistant Administrator
(202) 634-4232

Fisheries
3300 Whitehaven Street, N.W.
Washington, D.C. 20235

Terry L. Leitzell, Acting Assistant Administrator
(202) 634-7283
Robert W. Schoning, Acting Deputy Assistant Administrator
(202) 634-7283
Gerald D. Hill, Public Affairs Officer
(202) 634-7281

National Marine Fisheries Service
Beaufort Laboratory
Beaufort, North Carolina 28516

Dr. T. R. Rice, Director
(919) 728-4595

National Marine Fisheries Service
Oxford Laboratory
Oxford, Maryland 21654

Dr. Aaron Rosenfield, Director
(301) 226-5193
Oceanic and Atmospheric Services
6010 Executive Boulevard
Rockville, Maryland 20852

Richard E. Hallgren, Acting Assistant Administrator
(301) 443-8574

Environmental Data Service
National Oceanographic Data Center
2001 Wisconsin Avenue, N.W.
Washington, D.C. 20235

Robert V. Ochinero, Director NODC
(202) 634-7232

Data Services Division
Oceanographic Services Branch
2001 Wisconsin Avenue, N.W.
Washington, D.C. 20235

Albert Bargeski, Branch Chief
(202) 634-7500

Special Projects Division
Data Index Branch
2001 Wisconsin Avenue, N.W.
Washington, D.C. 20235

Christopher Noe, Branch Chief
(202) 634-7298

National Ocean Survey
6001 Executive Boulevard
Rockville, Maryland 20852

Rear Admiral Allen L. Powell, Director
(301) 443-8204
John G. Stringer, Public Affairs Officer
(301) 443-8708

National Weather Service
Eastern Region (16 States; Maine to South Carolina to Ohio)
585 Stewart Avenue
Garden City, New York 11530

Dr. William D. Bonner, Director
(516) 222-2100
3.2 Department of Defense
The Pentagon
Room 3E880
Washington, D.C. 20310

Hon. Harold B. Brown, Secretary of Defense
(202) 695-5261
Information
(202) 545-6700

Department of the Army
The Pentagon
Washington, D.C. 20310

Hon. Clifford Alexander, Jr., Secretary of the Army
(202) 695-3211

United States Army Engineer Division (N.Y., Philadelphia,
   Baltimore, Norfolk Engineer Districts)
North Atlantic
Corps of Engineers
90 Church Street
New York, New York 10007

Frank R. Pagano, Division Chief
(212) 264-7138

United States Army Engineer District
Baltimore
Corps of Engineers
Box 1715
Baltimore, Maryland 21203

Colonel G. K. Withers, Jr., District Engineer
(301) 962-4545
David Mitchell, Public Affairs Officer
(301) 962-4616

United States Army Engineer District
Philadelphia
Corps of Engineers
U.S. Custom House
Second and Chestnut Streets
Philadelphia, Pennsylvania 19106

Colonel Harry V. Dutchyshyn, District Engineer
(215) 597-4848
United States Army Engineer District
Norfolk
Corps of Engineers
803 Front Street
Norfolk, Virginia 23510

Colonel Newman A. Howard, Jr., District Engineer
(804) 446-3601

Department of the Navy
The Pentagon
Washington, D. C. 20350

Hon. W. Graham Claytor, Jr., Secretary of the Navy
(202) 695-3131

Naval Oceanographic Office
Washington, D. C. 20373

(As of August 1978, this office will be relocated to:)
NSTL
Bay St. Louis, Mississippi 39522

Captain John R. McDonnel, Commander
(202) 763-1140

Office of Naval Research
800 N. Quincy Street
Arlington, Virginia 22217

Rear Admiral Robert K. Geiger, Chief of Naval Research
(Also Asst. Oceanographer of the Navy)
(202) 692-4258

Executive Assistant
(202) 692-4622
Deputy Chief of Naval Research
(202) 692-4259

Naval Surface Weapons Center (Is now part of the White Oak center. Send any information to the White Oak address)
Dahlgren Laboratory
Dahlgren, Virginia 22448

Captain J. G. Flannery, Captain of the Base
(703) 663-8103
3.3 Department of Energy
Washington, D. C. 20545

Hon. John Schlesinger, Secretary of Energy
(202) 456-6210

Office of Energy Research
Washington, D. C. 20545

John M. Deutch, Director
(202) 456-6764
(202) 376-4024

3.4 Environmental Protection Agency
Region III
Curtis Building
6th & Walnut Streets
Philadelphia, Pennsylvania 19106

Jack J. Schramm, III, Administrator
(215) 597-9814

Leonard Mangiaracina, Director
Chesapeake Bay Program
(215) 597-7943

Annapolis Field Office
Region III, EPA
Annapolis Science Center
Annapolis, Maryland 21401

Orterio Villa, Director
(301) 224-2740
3.5 Federal Coordinating Council for Science, Engineering and Technology (FCCSET)
Office of Science and Technology Policy
Executive Office of the President
17th and Pennsylvania Avenue, N.W.
Washington, D.C. 20500

William Perin Raney, Executive Secretary
(202) 395-5636

Committee on Atmosphere and Oceans
(CAO)

Edward Todd, Acting Chairman, NSF
(202) 632-4024

Nelson Charak, Executive Secretary
Room 727, Building 5
EM5
6010 Executive Boulevard
Rockville, Maryland 20852
(301) 443-8108

3.6 Department of Health, Education and Welfare
200 Independence Avenue, S.W.
Washington, D.C. 20201

Hon. Joseph A. Califano, Jr., Secretary
(202) 245-6306

Public Health Service
Food and Drug Administration
5600 Fishers Lane
Rockville, Maryland 20857

Dr. Donald Kennedy, Commissioner
(301) 443-3380

Regional Food and Drug Administration Office
U.S. Customs House
Room 1204
2nd & Chestnut Streets
Philadelphia, Pennsylvania 19106

Richard J. Davis, Director
(215) 597-4390
Regional Specialist for Shellfish Sanitation
Food and Drug Administration
900 Madison Avenue
Baltimore, Maryland 21201

Robert Brands, Regional Specialist
(301) 962-4051

3.7 Department of the Interior
19th & C Streets, N.W.
Washington, D.C. 20240

Hon. Cecil D. Andrus, Secretary of the Interior
(202) 343-1100

Boston Regional Office
United States Fish and Wildlife Service
1 Gateway Center
Newton, Massachusetts 02158

Howard N. Larsen, Regional Director
(617) 965-5100

Patuxent Wildlife Research Center
Laurel-Bowie Road 197
Laurel, Maryland 20811

Lucille Stickel, Director
(301) 776-4880

U.S. Fish and Wildlife Service
Division of Ecological Services
1825-B Virginia Street
Annapolis, Maryland 21401

Glenn Kinser, Supervisor
(301) 269-5448

United States Geological Survey
National Center
12201 Sunrise Valley Drive
Reston, Virginia 22092

Henry William Menard, Director
(703) 860-7411
3.8 National Aeronautics and Space Administration
400 Maryland Avenue, S.W.
Washington, D.C. 20546

Dr. Robert A. Frosch, Administrator
(202) 755-3918

Chesapeake Bay Ecological Projects Office
Building E-105
Wallops Island Flight Center
Wallops Island, Virginia 23337

Paul Alfonsi, Head
(804) 824-3411, X260

3.9 National Science Foundation
1800 G Street, N.W.
Washington, D.C. 20550

Dr. Richard C. Atkinson, Director
(202) 632-5728

3.10 Department of Transportation
400 Seventh Street, S.W.
Washington, D.C. 20590

Hon. Brock Adams, Secretary
(202) 426-1111
Locator Office
(202) 426-4000

United States Coast Guard
Department of Transportation
400 7th Street, S.W.
Washington, D.C. 20590

Admiral Owen W. Siler, Commandant
(202) 426-2390
Atlantic Area Office
U. S. Coast Guard
Governor's Island
New York, New York 10004

Vice Admiral W. F. Rea, III, Commander
(212) 264-8743

2d Coast Guard District (West Virginia)
1430 Olive Street
St. Louis, Missouri 63103

Rear Admiral Wayne E. Caldwell, Commander
(314) 425-4601

3d Coast Guard District (Eastern Pennsylvania, Delaware)
Governor's Island
New York, New York 10004

Vice Admiral W. F. Rea, III, Commander
(212) 264-8743

5th Coast Guard District (Maryland, Virginia, D.C.)
Federal Building
431 Crawford Street
Portsmouth, Virginia 23705

Rear Admiral J. E. Johansen, Commander
(804) 393-9611
4.0 STATE, REGIONAL AND LOCAL GOVERNMENTAL AGENCIES

4.1 Delaware

Department of Natural Resources and Environmental Control
Edward Tatnall Building
Legislative Avenue and D Street
Dover, Delaware 19901

Austin P. Olney - Secretary
(302) 678-4403

Environmental Control Division
Edward A. Sienicki - Director
Robert Touhey - Acting Manager, Water Resources Section
(302) 678-4761

Fish and Wildlife Division
William Wagner - Director
Robert Graham - Assistant Director
Charles Lesser - Manager of Fisheries
(302) 678-4431

Parks, Recreation and Forestry Division
John Wilson - Director
Bill Hopkins - Manager of Technical Services
(302) 678-4401

Soil and Water Conservation Division
William R. Ratledge - Director
(302) 678-4411

Division of Public Health
Bureau of Environmental Health
Cooper Building
Dover, Delaware 19901

Donald Harmeson - Bureau Chief
(302) 678-4731
4.2 District of Columbia

Department of Environmental Services
Bureau of Air and Water Pollution Control
5010 Overlook Avenue, S.W.
Washington, D.C. 20032

John V. Brink, Chief
(202) 767-7486

Department of Environmental Services
Office of Environmental Planning
415 12th Street, N.W.
Room 308
Washington, D.C. 20004

Malcolm Hope, Chief
(202) 629-3105

Department of Environmental Services
Water Resources Management Administration
415 12th Street, N.W.
Room 307
Washington, D.C. 20004

Jean Levesque, Chief
(202) 629-4496

Metropolitan Washington Council of Governments
1225 Connecticut Avenue
Washington, D.C. 20036

Frank Lamb, Director of Water Resources
(202) 223-6800
4.3 Maryland

State Agencies

Maryland Department of Agriculture
State Chemist Section
Chemistry Building Room 0223
University of Maryland
College Park, Maryland 20742

David Clark - State Chemist
(301) 454-2721

Maryland Department of Health and Mental Hygiene
Environmental Health Administration
201 West Preston Street - P.O. Box 13387
Baltimore, Maryland 21201

Donald Noren - Director
(301) 383-2740

Bureau of Sanitary Engineering
James D. Clise - Director

Maryland Department of Natural Resources
Tawes Building
580 Taylor Avenue
Annapolis, Maryland 21401

James B. Coulter, Secretary
(301) 269-3041

Energy and Coastal Zone Administration
L.E. Zeni - Administrator
(301) 269-2788

Suzanne Bayley, Director, Coastal Zone Unit
(301) 269-3382

Donald E. Milsten, Director, Energy Policy Office
(301) 383-6810

Paul O. Massicot, Director, Power Plant Siting Program
Randy Roig, Impact Assessment Administrator
(301) 269-2261
Fisheries Administration
Robert Rubelmann - Director
(301) 269-3558

Benjamin M. Florence, Chief, Tidewater Finfish Program
(301) 269-3361

Forest Service
Donald MacLauchlan - Director
(301) 269-3776

Park Service
William Parr - Director
(301) 269-3761

Water Resources Administration
Herbert Sachs - Administrator
(301) 269-3846

Paul Slunt - Chief, Water Quality Services
(301) 269-3677

Wildlife Administration
Bernard Halla - Administrator
(301) 269-3195

Maryland Environmental Service
60 West Street
Annapolis, Maryland 21401

Thomas D. McKewen - Director
(301) 269-3351

Maryland Environmental Trust
501 St. Paul Place
Suite 1401
Baltimore, Maryland 21202

David P. Miller - Director
(301) 383-4264

Maryland Geological Survey
Merryman Hall
The Johns Hopkins University
Baltimore, Maryland 21218

Kenneth N. Weaver - Director
(301) 235-0771
Maryland Port Administration
World Trade Center Baltimore
Baltimore, Maryland 21202

W. Gregory Halpin - Acting Administrator
(301) 383-5731

Maryland Department of State Planning
Regional and Local Planning Program
State Office Building
301 West Preston Street
Baltimore, Maryland 21201

Richard Gucker - Director
(301) 383-2460

Regional Agencies

Regional Planning Council
701 St. Paul Street
Baltimore, Maryland 21202

Alfred Gwynn - Director of Resource Management
(301) 383-5827

Southern Maryland Health Systems Agency
P. O. Box 85
9016 Clinton Street
Clinton, Maryland 20735

Benjamin Patch - Executive Director
(301) 868-6206

Tri-County Council for Southern Maryland
P. O. Box 301
Waldorf, Maryland 20601

Gerald McKinney - Executive Director
(301) 645-2693
Local Agencies

Allegany County Planning and Zoning Commission
P.O. Box 1433
Room 256
Allegany Health Center
Willow Brook Road
Cumberland, Maryland 21502

Ben Samson - Planning Director
(301) 777-5951

Anne Arundel County Office of Planning and Zoning
Arundel Center
P.O. Box 1831
Annapolis, Maryland 21404

Florence Kurdle - Director
(301) 224-1469

Baltimore City Department of Planning
Room 800
222 East Saratoga Street
Baltimore, Maryland 21202

Larry Reich - Director
(301) 396-4327

Baltimore County Office of Planning and Zoning
401 Bosley Avenue
New Court Building
Room 406
Towson, Maryland 21204

Leslie H. Graes - Director
(301) 494-3211
Calvert County Planning and Zoning Commission  
County Court House  
Prince Frederick, Maryland 20678  

Frank Jaklitsch - Director  
(301) 535-1600 Ext. 38

Caroline County Office of Planning and Zoning  
Caroline County Court House  
Box 107  
Denton, Maryland 21629  

Alan Visintainer - Director/County Planner  
(301) 479-1418

Carroll County Office of Planning and Zoning  
County Office Building  
225 North Center Street  
Westminster, Maryland 21157  

Edmund R. Cuenan - Director  
(301) 848-4500 Ext. 270

Cecil County Planning Commission  
Office of Planning and Economic Development  
Room 302  
Cecil County Court House  
Elkton, Maryland 21921  

Allan S. Davis - Director  
Michael Pugh - Assistant Director  
(301) 398-0430

Charles County Planning Commission  
Charles County Court House  
P.O. Box B  
La Plata, Maryland 20646  

James E. Redmond - Director  
(301) 934-8141 Ext. 233
Dorchester County Planning and Zoning Commission
P.O. Box 307
Cambridge, Maryland 21613

Hobert Adams - Director
(301) 228-3234

Frederick County Planning Commission
Winchester Hall
Frederick, Maryland 21701

Lawrence W. Johnson - Director
(301) 663-8300 Ext. 250

Garrett County Planning Commission
323 East Oak Street
Oakland, Maryland 21550

Tim Dugan - Director
(301) 334-4200

Harford County Planning Department
45 South Main Street
Bel Air, Maryland 21014

John Preston - Director, Coastal Zone Management
(301) 838-6000

Howard County Comprehensive Planning Section
Office of Planning and Zoning
3430 Court House Drive
Ellicott City, Maryland 21043

Thomas G. Harris, Jr. - Planning Director
Amar S. Dandel - Chief
(301) 992-2357

Kent County Planning Commission
Court House
Chestertown, Maryland 21620

Peter Johnston - Director
(301) 778-4600 Ext. 67
Montgomery County Planning Board
8787 Georgia Avenue
Silver Spring, Maryland 20907

Richard E. Tustian - Director
(301) 279-1000

Prince Georges County Planning Board
14741 Governor Oden Bowie Drive
Upper Marlboro, Maryland 20870

John F. Downs - Director
(301) 952-3594

Queen Anne's County Planning Commission
Court House
Centreville, Maryland 21617

Robin Wood - Planning and Zoning Administrator
(301) 758-1255

St. Mary's County Planning and Zoning Commission
P.O. Box 351
Leonardtown, Maryland 20650

Joseph M. Gough, Jr. - Director of Planning and Zoning
Frank J. Gerred - Director of Land Use and Development
(301) 475-5621 Ext. 51/52

Salisbury/Wicomico County
Planning and Zoning Commission
P.O. Box 791
Salisbury, Maryland 21801

Merrill J. Burhans - Director
(301) 742-3072

Somerset County Planning and Zoning Commission
24 East Prince William Street
Princess Anne, Maryland 21850

Richard M. Pollitt, Jr. - Director
(301) 651-1424
Talbot County Planning and Zoning Commission
County Building
Easton, Maryland 21601

Robert W. Reindollar - County Planner/Engineer
(301) 822-2030

Washington County Planning and Zoning Commission
33 West Washington Street
County Office Building - 3rd Floor
Hagerstown, Maryland 21740

Jack S. Haweaker - Executive Director
(301) 791-3066

Worcester County Planning and Zoning Commission
111 North Washington Street
Snow Hill, Maryland 21863

Harold W. Morris - Director
(301) 632-1200
4.4 Pennsylvania

State Agencies

Department of Agriculture
Bureau of Plant Industry
2301 North Cameron Street
Harrisburg, Pennsylvania 17120

Henry Nixon, Director
(717) 787-4392

Department of Commerce
Bureau of Appalachian Development
Room 402, South Office Building
Harrisburg, Pennsylvania 17120

Susan Hoak Gahres, Director
James H. Grim, Assistant Director
(717) 787-7120

Department of Environmental Resources
Fish Commission
P. O. Box 1673
Harrisburg, Pennsylvania 17120

Ralph W. Ahele, Executive Director
(717) 787-6593
Information
(717) 787-2579

Department of Environmental Resources
Division of Water Quality
P. O. Box 2063
Harrisburg, Pennsylvania 17120

Theodore P. Clista, Susquehanna River Basin Engineer
(717) 787-9637

Department of Environmental Resources
Bureau of Water Quality Management
(717) 787-2666
Regional Agencies

Capitol Region Planning and Development Agency
Suite 124, Host Inn
4751 Lindle Road
Harrisburg, Pennsylvania 17111

George McKelvy, Administrator
(717) 939-7827

Economic Development Council of Northeastern Pennsylvania
P. O. Box 777
Avoca, Pennsylvania 18641

Howard J. Grossman, Executive Director
(717) 655-5581

(These agencies operate within the counties in the Harrisburg and Scranton/Wilkes-Barre areas, respectively. In addition, all counties on the Susquehanna and its major tributaries have prepared wastewater treatment and land use plans. Contacts for the various counties are available through Mr. Clista's agency (above).)
4.5 Virginia

State Agencies

Department of Agriculture and Commerce
Planning and Development
P. O. Box 1163
Richmond, Virginia 23209

Dr. Berkwood Farmer, Director
(804) 786-3978

Department of Commerce and Resources
P. O. Box 1475
Richmond, Virginia 23212

Maurice Rowe, Secretary
(804) 786-7831

Department of Commerce and Resources
Coastal Zone Management Program
5th Floor
Ninth Street Office Building
Richmond, Virginia 23219

Donald Budlong, Project Manager
(804) 786-7652

Department of Conservation and Economic Development
1100 State Office Building
Richmond, Virginia 23219

J. Stevens Griles, Executive Assistant
(804) 786-2121
Ben H. Bolen, Commissioner, Division of Parks
(804) 786-2132

Division of Consolidated Laboratory Services
1 North 14th Street
Richmond, Virginia 23219

A. W. Tiedemann, Jr., Director
(804) 786-7905
Cooperative Fishery Unit, U.S.D.I.
Virginia Polytechnic Institute
106 Cheathan Hall
Blacksburg, Virginia 24060

Garland Pardue, Leader
(703) 951-5507
John Ney, Section Leader
(703) 951-6944

Corporation Commission
Division of Public Utilities
P. O. Box 1197
Richmond, Virginia 23209

Edward C. Addison, Assistant Director
(804) 786-7560

Council on the Environment
Ninth Street Office Building
Richmond, Virginia 23219

Susan T. Wilburn, Acting Administrator
(804) 786-4500

Commission of Game and Inland Fisheries
4010 W. Broad Street
Richmond, Virginia 23230

Chester F. Phelps, Executive Director
James F. McInteer, Jr., Assistant Director
(804) 786-4974

Office of the Governor
Division of Industrial Development
1010 State Office Building
Richmond, Virginia 23219

J. Frank Alspaugh, Director
(804) 786-3791

Office of the Governor
Department of Intergovernmental Affairs
Division of Special Programs
205 North 4th Street
Richmond, Virginia 23219

Lynn H. Currey, Director
(804) 786-4474
Department of Health
Madison Building
109 Governor Street
Richmond, Virginia 23219

James B. Kenley, M.D., Commissioner
(804) 786-3561
Dr. Leonard Vance, Assistant Attorney General
Robert Adams, Assistant Attorney General
(804) 786-1021

Division of Engineering

Bureau of Occupational Health
Charles E. Herritan, Director
(804) 786-6285

Bureau of Sanitary Engineering
Oscar H. Adams, Director
(804) 786-6277

Bureau of Solid Waste and Vector Control
401-A Colley Avenue, Room 209
Norfolk, Virginia 23507

R. E. Dorer, Director
(804) 627-4511

Division of Local Health Service

Bureau of Environmental Health
Eugene T. Goode, Director
(804) 786-3559

Bureau of Shellfish Sanitation
Room 1117
Cloyde W. Wiley, Director
(804) 786-7937

Bureau of Tourist Establishment Sanitation
Joseph W. Moschler, Director
(804) 786-2088
State Water Control Board
Tidewater Regional Office
287 Pembroke Office Park
Suite 310, Pembroke #2
Virginia Beach, Virginia 23462

Larry S. McBride, Regional Director
(804) 499-8742

Virginia Port Authority
1600 Maritime Tower
Norfolk, Virginia 23510

M. V. Craft, Executive Director
F. Joseph Donvois, Assistant Director of Planning
(804) 622-1671

Virginia Soil and Water Conservation Commission
830 East Main Street
Richmond, Virginia 23219

Joseph B. Willson, Jr., Director
(804) 786-2064

Regional Agencies

Accomack, Northampton Planning District
P. O. Box 316
Accomack, Virginia 23301

Dale R. Burton, Executive Director
(804) 787-2936

Middle Peninsula Planning District Commission
P. O. Box 286
Saluda, Virginia 23149

Neil Barber, Executive Director
(804) 758-2312

Northern Neck Planning District
Drawer H
Callao, Virginia 22435

Herbert N. Hamric, III, Executive Director
(804) 529-7400
Northern Virginia Planning District Commission
7309 Arlington Boulevard
Falls Church, Virginia 22040

John W. Epling, Executive Director
Martha H. Semmes, Planner
Austin Librach, Director of Regional Resources
(703) 573-2210

Peninsula Planning District Commission
2017 Cunningham Drive
Hampton, Virginia 23666

Henry M. Cochran, Executive Director
(804) 838-4238

Rappahannock Area Development Commission (RADCO)
P. O. Box 863
Fredericksburg, Virginia 22401

Ron Rebman, Executive Director
(703) 373-2890

Richmond Regional Planning District Commission
6 North Sixth Street
Richmond, Virginia 23219

Edward G. Councill, III, Executive Director
(804) 644-8587

Southeastern Virginia Planning District Commission
16 Koger Executive Center
Norfolk, Virginia 23502

Robert F. Foeller, Executive Director
(804) 461-3200

Local Agencies

Accomack County, Office of the Administrator
Accomack, Virginia 23301

C. M. Williams, Jr., County Administrator
(804) 787-4289
Caroline County, Office of the Administrator
P. O. Box 507
Bowling Green, Virginia 22427

L. E. Ayers, County Administrator
(804) 633-5380

Charles City County, Office of the Administrator
P. O. Box 128
Charles City, Virginia 23030

C. Dean Beler, County Administrator
(804) 829-2402

Chesterfield County, Office of the Administrator
Chesterfield County Court House
Chesterfield, Virginia 23832

Nicholas M. Meiszer, County Administrator
(804) 748-1211

Essex County, Office of the Administrator
P. O. Box 1079
Tappahannock, Virginia 22560

G. Winton Sisson, Jr., County Administrator
(804) 443-4331

Fairfax County Board of Supervisors
4100 Chain Bridge Road
Fairfax, Virginia 22030

Robert W. Foreman, Administrative Assistant
(703) 691-2321

Gloucester County, Office of the Administrator
P. O. Box 329
Gloucester, Virginia 23061

William P. Larew, County Administrator
(804) 693-4042
Isle of Wight, Office of the Administrator
Isle of Wight, Virginia 23397

Evelyn Ransdell, Acting County Administrator
(804) 357-3191

James City County, Office of the Administrator
P. O. Box JC
Williamsburg, Virginia 23185

James B. Oliver, Jr., County Administrator
(804) 220-1122

King and Queen County, Office of the Administrator
King and Queen Court House, Virginia 23085

Charles W. Smith, County Administrator
(804) 785-7955

King George County, Office of the Administrator
Box 198
King George, Virginia 22485

Steven T. Foster, County Administrator
(703) 775-9181

King William County, Office of the Administrator
King William County, Virginia 23086

Charles Waddell, County Administrator
(804) 769-2671

Lancaster County Board of Supervisors
Lancaster, Virginia 22503

John E. Ennis, Chairman
(804) 462-1404

Mathews County, Office of the Administrator
Box 868
Mathews, Virginia 23109

William H. Whitley, County Administrator
(804) 725-7171
Stafford County, Office of the Administrator
P. O. Box 348
Stafford, Virginia 22554

N. C. Sharp, County Administrator
(703) 659-4101

Surry County, Office of the Administrator
P. O. Box 65
Surry, Virginia 23883

Carrie G. Gilchrist, Acting County Administrator
(804) 294-3266

Westmoreland County, Office of the Administrator
P. O. Box 467
Montross, Virginia 22520

James J. Heston, County Administrator
(804) 493-8911, Ext. 212

York County, Office of the Administrator
P. O. Box 532
Yorktown, Virginia 23690

Richard E. Bain, County Administrator
(804) 887-5811
4.6 West Virginia

Governor's Office on Economic and Community Development
State Capitol Building
Charleston, West Virginia 25305

Thomas H. Pendleton
(304) 348-2246

Department of Natural Resources
Water Resources Division
1201 Greenbrier Street
Charleston, West Virginia 25311

John H. Hall, Chief
(304) 348-2107

Region VIII Planning and Development Council
(Potomac River Basin)
1 Virginia Avenue
Petersburg, West Virginia 26847

Lawrence Spears
(304) 257-1221

Region IX Planning and Development Council
(Potomac River Basin)
121 W. King Street
Martinsburg, West Virginia 25401

J. R. Hawvermale
(304) 263-1743

State Soil Conservation Committee
State Capitol Building
Charleston, West Virginia 25305

Edward Bumgarner, Executive Secretary
(304) 348-2204
5.0 OTHER AGENCIES AND INSTITUTIONS

5.1 Atlantic States Marine Fisheries Commission
Suite 703
1717 Massachusetts Avenue, N.W.
Washington, D.C. 20036

Irwin M. Alperin, Executive Director
(202) 387-5330

5.2 Chesapeake Research Consortium, Inc.
1419 Forest Drive
Suite 207
Annapolis, Maryland 21403

L. Eugene Cronin, Director
(301) 263-0884

5.3 Marine Science Consortium
P.O. Box 16
Wallops Island, Virginia 23337

Dr. James E. Alexander, Director
(804) 824-5636
Dr. Herb Hays, President
Director, Department of Biology
Shippensburg State College
Shippensburg, Pennsylvania 17253
(717) 532-9121 Ext. 439

5.4 Interstate Commission on the Potomac River Basin
814 East West Towers
4350 East West Highway
Bethesda, Maryland 20014

Paul Eastman, Executive Director
William McCaw, Environmental Engineer
(301) 652-5758

5.5 Potomac River Fisheries Commission
222 Taylor Street
Colonial Beach, Virginia 22443

Robert M. Norris, Jr., Executive Secretary
(804) 224-2923
5.6 Susquehanna River Basin Commission
1721 North Front Street
Harrisburg, Pennsylvania 17102

Robert J. Bielo, Executive Director
Jerry Hollowell, Water Quality Chief
(717) 238-0422
6.0 ENVIRONMENTAL INTEREST ORGANIZATIONS

6.1 Delaware

Delaware Association of Soil and Water Conservation District Supervisors
Attn: Mr. James R. Stepler, Secretary-Treasurer
14 Clyde Circle
Whitehall, New Castle, Delaware 19720
(302) 328-1674

Delaware Conservation Education Association
Attn: Mr. Verna Price, President of Board of Directors
P.O. Box 45
Dover, Delaware 19901
(302) 674-3153

Delaware Nature Education Center, Inc.
Attn: Mr. Norman G. Wilder, Executive Director
Box 700
Hockessin, Delaware 19707
(302) 239-2334

Delaware Wild Lands, Inc.
Attn: Mr. Edmund H. Harvey, President
5806 Kennett Pike
Wilmington, Delaware 19807
(302) 652-2437

Delaware Wildlife Federation
Attn: Mr. Robert Streets, President
26 Brookside Drive
Wilmington, Delaware 19804
(302) 658-2255

Delmarva Ornithological Society
Attn: Mrs. Marjorie Fencer, Secretary
38 Windflower Drive
Meadowood
Newark, Delaware 19711
(302) 737-1566

Forward Lands, Inc.
Attn: Mr. Clayton M. Hoss, Executive Vice President
810 Blackshire Road
Wilmington, Delaware 19805
(302) 635-2151
6.2 District of Columbia

American the Beautiful Fund
Attn: Mr. Paul Bruce Dowling, Executive Director
219 Shoreham Building
Washington, D. C. 20005
(202) 638-1649

American Committee for International Wildlife Protection
Attn: Dr. Fred Evenden, Secretary-Treasurer
Wildlife Society
7101 Wisconsin Avenue
Bethesda, Maryland 20014
(301) 986-8700

American Public Health Association
Attn: Dr. E. Ellis, President
1015 18th Street, N.W.
Washington, D. C. 20036
(202) 467-5040

American Seafood Distributors Association
Attn: Mr. Arthur H. Frohman, President
Mr. Lee J. Weddig, Executive Secretary
1730 Pennsylvania Avenue, N.W.
Suite 1150
Washington, D. C. 20006
(202) 785-0500

Conservation Foundation
Attn: Mr. William K. Reilly, President
1717 Massachusetts Avenue, N.W.
Third Floor
Washington, D. C. 20036
(202) 797-4300

Friends of the Earth
Attn: Mr. Jeffrey Knight, Legislative Director
620 C. Street, S.E.
Washington, D. C. 20003
(202) 543-4312

National Academy of Sciences/National Research Council
Attn: Dr. Philip Handler, President
2101 Constitution Avenue
Washington, D. C. 20418
(202) 393-8100
6.3 Maryland

American Fisheries Society
Attn: Mr. Carl R. Sullivan, Executive Director
5410 Grosvenor Lane
Bethesda, Maryland 20014
(301) 897-8616

American Society of Limnology and Oceanography
Attn: Dr. George Saunders, President
Box 853
Gaithersburg, Maryland 20760
(301) 353-4155

Association of Interpretive Naturalists
International Business Office
Attn: Mr. Robert L. Young, President
Ms. Susan V. Allen, Secretary-Treasurer
6700 Needwood Road
Derwood, Maryland 20855
(301) 948-8844

Atlantic Estuarine Research Federation
Attn: Dr. Betty Bauereis, President
Baltimore Gas and Electric Company
Gas and Electric Building
Room 1020
Baltimore, Maryland 21203
(301) 234-6533

Audubon Naturalist Society
Attn: Mr. Robert Lavell, Director
8940 Jones Mill Road
Chevy Chase, Maryland 20015
(301) 652-9188

Audubon Naturalist Society
Attn: Mr. Charles D. Williams, President
Prince George's Chapter
Box 693
Bowie, Maryland 20715
(301) 773-4699

Audubon Naturalist Society
Southern Maryland Chapter
Route 1
Box 138X
Newburg, Maryland 20664
Baltimore Environmental Center
Attn: Ms. Jan Walker
33 East 25th Street
Baltimore, Maryland 21218
(301) 366-2070

Chesapeake Association
Attn: Mr. Robert Eagen
Maryland Environmental Service
60 West Street
Room 304
Annapolis, Maryland 21401
(301) 269-2916

Chesapeake Bay Center for Environmental Studies
Attn: Dr. Kevin Sullivan, Director
Route 4
Box 622
Edgewater, Maryland 21037
(301) 798-4424

Chesapeake Bay Foundation, Inc.
Attn: Mr. Arthur Sherwood, Director
"The Church"
Box 1709
Annapolis, Maryland 21404
(301) 268-8816

Chesapeake Bay Seafood Association
Attn: Mr. Robert Prier, Executive Director
Box 1034
Easton, Maryland 21601
(301) 822-1440

Citizens Coalition for Saint Marys County
Attn: Mr. Jack F. Witten
Box 495
Lexington Park, Maryland 20653
(301) 373-5445
Junior League of Baltimore
Attn: Mrs. Sylvia Eggleston, President
4803 Roland Avenue
Baltimore, Maryland 21210
(301) 467-0260

League of Women Voters of Maryland
Attn: Mrs. Lois Stoner, President
5 State Circle
Annapolis, Maryland 21401
(301) 269-0232

League of Women Voters of Montgomery County
Attn: Ms. Gloria Gerecht, Natural Resources Director
1109 Ruppert Road
Silver Spring, Maryland 20903
(301) 593-2319

Lundeberg School of Seamanship
Attn: Mr. John Dotterer, Supervisor of Maintenance
Piney Point, Maryland 20674
(301) 994-0010

Maryland Association of Soil Conservation Districts, Inc.
Attn: Mr. William Sutton, President
Parole Plaza Office Building
Annapolis, Maryland 21401
(301) 269-2338

Maryland Boat Act Advisory Committee
Attn: Mr. Alvin Simon, Chairman
1222 1st Street, N.E.
Washington, D.C. 20002
(202) 737-2851

Maryland Environmental Trust
Attn: Mr. David Porter Miller, Executive Director
501 St. Paul Place
Suite 1401
Baltimore, Maryland 21202
(301) 383-4264
Maryland Ornithological Society
Attn: Mrs. Helen Ford, Secretary
406 Beach Drive
Annapolis, Maryland 21403
(301) 247-8417

Maryland Rural Affairs Council
Attn: Mr. Marvin J. Benno, Executive Secretary
University of Maryland
Suite 4109
McKeldin Library
College Park, Maryland 20742
(301) 454-5486

Maryland State Chamber of Commerce
Attn: Mr. William F. Holin, Vice President, Public Affairs
60 West Street
Annapolis, Maryland 21401
(301) 261-2858

Maryland Wildlife Federation
Attn: Mr. Paul M. Breidenbaugh, President
415 St. Paul Street
Baltimore, Maryland 21202
(301) 752-5614

The Natural History Society of Maryland
Attn: Mr. Elra M. Palmer, President
2643 North Charles Street
Baltimore, Maryland 21218
(301) 235-6116

Remington Farms
Attn: Mr. E. Hugh Galbreath, Manager
R.D.#2
Box 660
Chestertown, Maryland 21620
(301) 778-1565

Shellfish Institute of North America
Attn: Mr. Everett Tolley, Executive Director
Suite 9, 212 Washington Avenue
Baltimore, Maryland 21204
(301) 821-7860
Upper Chesapeake Watershed Association
Attn: Mr. Herbert H. Ward, III, President
Route 1, Box 1018
Elkton, Maryland 21921
(301) 398-2273

Watermans Association, Inc.
Attn: Mr. Larry Simms, President
48 Maryland Avenue
Annapolis, Maryland 21401
(301) 268-7722

Worcester Environmental Trust
Attn: Mr. Joseph W. Fehrer, Chairman
110 West Federal Street
Snow Hill, Maryland 21863
(301) 632-2640
6.4 Pennsylvania

American Institute of Medical Climatology
Attn: Dr. Helmut Landsberg, President
1023 Welsh Road
Philadelphia, Pennsylvania 19115
(215) 673-8368

Citizens Advisory Council
Department of Environmental Resources
Attn: Mr. Thomas McCloskey, Executive Director
P. O. Box 2357
Room 816, Executive House
Harrisburg, Pennsylvania 17120
(717) 787-4527

Izaak Walton League of America, Inc.
Pennsylvania Division
Attn: Mr. Melvin Breakiron
712 Morgantown Street
Uniontown, Pennsylvania 15401
(412) 438-1774

Pennsylvania Association of Conservation
District Directors, Inc.
Attn: Mr. Arthur Wilson, President
R. D. 3
Volant, Pennsylvania 16156
(412) 946-8019

Pennsylvania Environmental Council, Inc.
Attn: Mr. Curtin Windsor, President
225 South 15th Street
Philadelphia, Pennsylvania 19102
(215) 735-0966

Pennsylvania Federation of Sportsmen's Clubs, Inc.
Attn: Mr. George C. Greller, Secretary
427 Iroquois Street
Lester, Pennsylvania 19117
(215) 521-3738

The Pennsylvania Forestry Association
Attn: Mr. Robert V. Clark, Executive Director
5221 East Simpson Street
Mechanicsburg, Pennsylvania 17055
(717) 766-5371
Pennsylvania Roadside Council, Inc.
34 Palmers Mill Road
Media, Pennsylvania 19063
(215) 356-0539

Water Pollution Control Federation
Pennsylvania Chapter
Attn: Mr. Glenn A. Marburger, Secretary
Box 20
Locust Grove, Virginia 22508
(703) 825-2760

Western Pennsylvania Conservancy
Attn: Mr. Joshua C. Whetzel, Jr., President
316 4th Avenue
Pittsburgh, Pennsylvania 15222
(412) 288-2777
American Water Resources Association
The National Capital Section
Attn: Mr. James T. McBroom, President
1145 Bellview Road
McLean, Virginia 22101
(703) 759-2754

Audubon Naturalist Society
Cape Henry Chapter
Attn: Mr. Robert Tripician, President
4529 Biscayne Drive
Virginia Beach, Virginia 23455
(804) 464-0430

Audubon Naturalist Society
Northern Neck Chapter
Attn: Mr. Ned L. Williams, President
Box 991
Kilmarnock, Virginia 22482
(804) 435-6469

Audubon Naturalist Society
Virginia Beach Chapter
Attn: Mr. Maurice Jackson, President
1125 Vitchley Road
Virginia Beach, Virginia 23451
(804) 428-1470

Center for Environmental Strategy
Attn: Ms. Marion Agnew, Director
1740 Dumbarton Street
McLean, Virginia 22101
(703) 538-5688

Chesapeake Bay Foundation
Yorktown Chapter
Attn: Mr. Haydon Ross-Counis, President
Box 643
Yorktown, Virginia 23690
Citizens Program for the Chesapeake Bay, Inc.
Attn: Dr. Charles W. Coale, Jr.
Virginia Polytechnic Institute and State University
Hutcheson Hall
Blacksburg, Virginia 24061
(703) 951-5562

Citizens Program for the Chesapeake Bay, Inc.
Attn: Mr. George Hagerman, Director
EPA Participation
5 East Queens Street
Hampton, Virginia 23669
(804) 722-0774

Conservation Council of Virginia Foundation
Attn: Mr. Lee Carlyle, President
2317 Westwood Avenue
Richmond, Virginia 23230

Conservation Council of Virginia, Inc.
Attn: Mrs. Louise Burke, Executive Director
2317 Westwood Avenue
Room 205
Richmond, Virginia 23230
(804) 272-6393

Robert Hicks, President
(804) 359-4324

Conservation Council of Virginia, Inc.
Attn: Mrs. Memory Porter, Water Resource Chairman
3909 Aldie Road
Cartharpin, Virginia 22018

The Estuarine Research Federation
Attn: Dr. Michael Castagna, President
Eastern Shore Laboratory
Wachapreague, Virginia 23480
(804) 787-3280

Izaak Walton League of America
Virginia Division
Attn: Mr. Britton, President
2470 Mount Olive Road
Centerville, Virginia 22020
(703) 830-8917

Junior League of Hampton Roads
Environmental Task Force
Attn: Ms. Anne A. Chism
20 Wheatland Drive
Hampton, Virginia 23666
(804) 838-5558
Junior League of Norfolk-Virginia Beach
Attn: Mrs. James Rinehart
420 Bank Street
Norfolk, Virginia 23510
(804) 623-7270

Junior League of Washington
Attn: Mrs. Betty Jane Gerber
1309 Ballantrae Court
McLean, Virginia 22101
(703) 356-8194

National Wildlife Federation
Attn: Mr. J. A. Brownridge, Administrative Vice President
8925 Leesburg Pike
Vienna, Virginia 22180
(703) 790-4000

The Nature Conservancy
Virginia Chapter
Attn: Dr. John L. McKnight
701 College Terrace
Williamsburg, Virginia 23185
(804) 253-4000

Norfolk-Virginia Beach League of Women Voters
Attn: Ms. Elizabeth G. Johnson, Environmental Chairman
107 69th Street
Virginia Beach, Virginia 23451
(804) 622-9066

Northern Virginia Conservation Council
Attn: Mr. Thomas Gause
Box 304
Annandale, Virginia 22003
(703) 941-5321

Resource-Use Education Council
Attn: Mr. Paul A. Shrauder, Chairman
c/o Jefferson National Forest
210 Franklin Road S. W.
Roanoke, Virginia 24011
(703) 982-6274

Virginia Agribusiness Council
Attn: Mr. J. Paul Williams, Executive Director
1001 East Main
Richmond, Virginia 23219
(804) 643-3555

Virginia Association of Soil and Water Conservation Districts
Attn: Mr. J. Royall Robertson
830 East Main Street
Suite 800
Richmond, Virginia 23219
(804) 786-2065
Virginia Forestry Association
Attn: Mr. Charles F. Finley, Jr., Executive Director
One North 5th Street
Richmond, Virginia 23219
(804) 644-8462

Virginia Seafood Council
Attn: Ms. Sally Cope, Executive Director
P. O. Box 188
Newport News, Virginia 23607
(804) 247-6681

Virginia Society of Ornithology
Attn: Dr. J. J. Murray, President
University of Virginia
Department of Biology
Charlottesville, Virginia 22903
(804) 924-7868

The Virginia Water Pollution Control Association
Attn: Mr. L. H. Roden, Jr., Secretary-Treasurer
8207 Franconia Road
Richmond, Virginia 23227
(804) 266-6415
6.6 West Virginia

Appalachian Trail Conference
Attn: Mr. Henry Lautz, Executive Director.
Box 236
Harpers Ferry, West Virginia 25425
(304) 535-6331

Nature Conservancy
West Virginia Chapter
Attn: Mrs. Eleanor Bush, Chairman
5 Bush Avenue
Philippi, West Virginia 26416
(304) 457-3460

Water Pollution Control Federation
Attn: Mr. Glen O. Fortney, Secretary
State Department of Health
Charleston, West Virginia 25305
(304) 348-2981

West Virginia Soil and Water
Conservation District Supervisors Association, Inc.
Attn: Mr. George R. Heidrich, President
Charles Town, West Virginia 25414
(304) 725-7942

West Virginia Wildlife Federation
Attn: Mr. Nick Wright, President
Box 561
Mason, West Virginia 25260
6.7 **Other Location**

Outdoor Writers Association of America, Inc.  
Attn: Mr. Ed Hanson, Executive Director  
4141 West Bradley Road  
Milwaukee, Wisconsin 53209  
(414) 354-9690
7.0 ENVIRONMENTAL CONSULTING ORGANIZATIONS

7.1 Delaware

Brandt Associates, Inc.
Attn: Mr. Karl Brand
50 Blue Hen Drive
Newark, Delaware 19713
(302) 731-1550

E. I. du Pont de Nemours and Company
Attn: Mr. Clifton Cooke
Chemical Dyes and Pigments Section
13250 Brandywine Building
Wilmington, Delaware 19898
(302) 999-3912

Ichthyological Associates
Attn: Mr. Victor Schuler, Vice President and Project Leader
100 South Cass Street
Middletown, Delaware 19709
(302) 378-9881

Dr. Vytautas Klemas, Professional Consultant
College of Marine Studies, University of Delaware
Newark, Delaware 19711
(302) 738-1212

Rollins Environmental Services
Attn: Mr. William B. Phillipbar, Jr., President
One Rollins Plaza
Wilmington, Delaware 19899
(302) 658-8541
7.2 District of Columbia

Dames and Moore
Attn: Dr. Harsh Singh
7101 Wisconsin Avenue
Suite 700
Washington, D.C. 20014
(202) 652-2215

Data Resource, Inc.
Attn: Mr. Joseph E. Kasputys, Vice President
1750 K Street, N.W.
9th Floor
Washington, D.C. 20006
(202) 862-3700

Ernst and Ernst
Attn: Mr. W. J. Leininger
1225 Connecticut Avenue, N.W.
Washington, D.C. 20036
(202) 296-8300

Arthur H. Fawcett, Jr., Consultant
Urban and Regional Planning
2900 M Street, N.W.
Washington, D.C. 20007
(202) 337-3103

Bernard D. Gross and Associates
Attn: Mr. Bernard Gross
3202 38th Street, N.W.
Washington, D.C. 20016
(202) 244-5566

Henningson, Durham, and Richardson
Attn: Mr. Algis Lukas, Executive Vice President
5454 Wisconsin Avenue
Suite 1345
Washington, D.C. 20015
(301) 657-1780

Ralph M. Parsons Company
Attn: Mr. Alan Duncan, Project Manager
1101 15th Street, N.W.
Washington, D.C. 20005
(202) 331-0777

Planning Consultant
Attn: Mr. Harold F. Wise
1200 18th Street, N.W.
Washington, D.C. 20036
(202) 872-1422
Rand Corporation  
2100 M Street, N.W.  
Washington, D.C. 20037  
(202) 296-5000

Raymond, Parish, Pine and Plavnick  
Attn: Mr. Robert L. Plavnick  
Suite 800, Denrike Building  
1010 Vermont Avenue, N.W.  
Washington, D.C. 20005  
(202) 783-2924

Tischler, Marcou and Associates  
1000 Vermont Avenue, N.W.  
Washington, D.C. 20005  
(202) 638-4446

The Urban Institute  
Attn: Mr. Thomas Muller  
2100 M Street, N.W.  
Washington, D.C. 20037  
(202) 223-1950

Wapora  
Attn: Mr. Jack Bregman, President  
6900 Wisconsin Avenue, N.W.  
Washington, D.C. 20015  
(301) 652-9520
7.3 Maryland

Armiger, Chaffin and Associates, Inc.
Attn: Mr. L. Earl Armiger
1000 Century Plaza
Columbia, Maryland 21044
(301) 596-6922

Baltimore Transportation Associates
Attn: Mr. Donald J. Wise, Vice President
P. O. Box 8657
Baltimore-Washington International Airport
Baltimore, Maryland 21240
(301) 796-0208

Arthur Beard Engineers, Inc.
Attn: Mr. Gary Nickerson, Vice President
6900 Wisconsin Avenue
Room 707
Chevy Chase, Maryland 20015
(301) 657-3660

Bechtel Corporation
Attn: Mr. Clyde Bald
15740 Shady Grove Road
Gaithersburg, Maryland 20760
(301) 948-2700 Extension 2483

Biospherics, Inc.
Attn: Mrs. Margaret Federline, Laboratory Manager
4928 Wyaconda Road
Rockville, Maryland 20852
(301) 770-7700

Booz, Allan and Hamilton
Attn: Mr. R. Michael McCullough, President
4330 East West Highway
Bethesda, Maryland 20014
(301) 951-2200

Cadcom, Inc.
Attn: Dr. Charles O. Heller, President
107 Ridgely Avenue
Annapolis, Maryland 21401
(301) 268-9010
Westinghouse Electric Corporation
Westinghouse Ocean Research Laboratory
Attn: Mr. Morris Macovsky, General Manager
Box 1488
Annapolis, Maryland 21404
(301) 765-1000

Whitman, Requardt and Associates
Attn: Mr. William F. Neale
1304 St. Paul Street
Baltimore, Maryland 21202
(301) 727-3450

Zapata Haynie Corporation
Attn: Mr. William C. Lunsford, Jr., Public Relations
685 Oxford Building
8600 La Salle Road
Towson, Maryland 21204
(301) 828-0001
7.4 Pennsylvania

AMSCO Industrial Company
Attn: Mr. Paul M. Kelly, General Manager
2820 West 23 Street
Erie, Pennsylvania 16512
(814) 452-3100

Apt, Bramer, Conrad and Associates, Inc.
Attn: Mr. Jerome Apt, President
5100 Centre Avenue
Pittsburgh, Pennsylvania 15232
(412) 687-2310

Betz, Converse, Murdoch, Inc.
Attn: Mr. Walter Rohlfs, President
1 Plymouth Meeting Mall
Plymouth Meeting, Pennsylvania 19462
(215) 825-3800

Bionomics Studies Group of Michael Baker, III, Inc.
Attn: Mr. Michael Baker, Chairman of the Board
4301 Dutch Ridge Road
Beaver, Pennsylvania 15009
(412) 495-7711

Brandt Associates, Inc.
Consulting Analytical Chemists
Attn: Mr. Karl Brand
P.O. Box 81
Martins Creek, Pennsylvania 18063
(215) 258-2911

Buchart and Horn
Attn: Mr. John Jung, President
612 West Market Street
York, Pennsylvania 17405
(717) 843-5561

BVS, Inc.
Attn: Mr. Robert M. Blechman, President
Route 322 West
Poplar Road
Honey Brook, Pennsylvania 19344
(215) 273-2841

Calgon Corporation
Attn: Mr. Kenneth Janecek, Fitrasorb Department
Box 1346
Pittsburgh, Pennsylvania 15230
(412) 923-2345
Ferro-Tech, Inc.
Attn: Mr. Carl Holley, President
2500 Balbwick Road
Pittsburgh, Pennsylvania 15205
(412) 922-4417

Frumerman Associates, Inc.
Attn: Mr. Robert Frumerman, President
5423 Darlington Road
Pittsburgh, Pennsylvania 15217
(412) 521-5640

Gannett, Fleming, Corddry and Carpenter, Inc.
Attn: Mr. James Romano, President
Box 1963
Harrisburg, Pennsylvania 17105
(717) 238-0451

Gannett, Fleming, Corddry and Carpenter, Inc.
Attn: Mr. Donatelli
3 Parkway Center
875 Greentree Road
Pittsburgh, Pennsylvania 15220
(412) 922-5575

General Electric Company
Attn: Mr. Arthur Flathers, Manager-Marketing
Reentry and Environmental Systems Division
3198 Chestnut Street
Philadelphia, Pennsylvania 19101
(215) 823-2595

Gilbert Commonwealth Company
Attn: Mr. James R. Stoudt, President
Box 1498
Reading, Pennsylvania 19603
(215) 775-2600

Green International
Attn: Mr. John Green, President
504 Deaver Street
Sewickley, Pennsylvania 15143
(412) 741-8650

Hedenburg and Venable Consultants
6111 Fifth Avenue
Pittsburgh, Pennsylvania 15232
(412) 441-8045
Holley, Kenney, Schott, Inc.
Attn: Mr. Thomas A. Schott, President
921 Penn Avenue
Pittsburgh, Pennsylvania 15222
(412) 471-5348

Huth Engineers, Inc.
Attn: Mr. Lester Andes, Office Manager
100 East Lancaster Avenue
Downingtown, Pennsylvania 19335
(215) 269-3052

L. Robert Kimball and Associates, Consulting Engineers and Architects
Attn: Mr. L. Robert Kimball, President
615 West Highland Avenue
Ebensburg, Pennsylvania 15931
(814) 472-7700

Morris Knowles, Inc.
Attn: Mr. Hurbert Ware, President
1323 Park Building
Pittsburgh, Pennsylvania 15222
(412) 281-3882

Kuljian Corporation
Attn: Mr. Edward Kuljian, President
3624 Science Center
Philadelphia, Pennsylvania 19104
(215) 243-1900

Materials Consultants and Laboratories, Inc.
Attn: Dr. Edward J. Fasiska, President
1567 Old Abers Creek Road
Monroeville, Pennsylvania 15146
(412) 372-7822

Matrix Engineering, Inc.
Attn: Mr. Fred Lash, Vice President, Marketing
1200 Clark Building
717 Liberty Avenue
Pittsburgh, Pennsylvania 15222
(412) 255-6000

Jack McCormick and Associates
Attn: Dr. James Schmidt
511 Old Lancaster Road
Berwyn, Pennsylvania 19312
(215) 647-9000
Andrew S. McCreath and Son, Inc.
Attn: Mr. Bruce D. Krecker, President
Box 1453
Harrisburg, Pennsylvania 17105
(717) 238-9331

George B. Mebus, Inc.
Attn: Mr. Charles Mebus, President
1560 York Road
Box 179
Abington, Pennsylvania 19001
(215) 657-3700

Nassaux-Hemsley, Inc.
Attn: Mr. William Hemsley, President
56 North Second Street
Chambersburg, Pennsylvania 17201
(717) 263-4109

Policy Research Associates
Attn: Dr. Terry Farrar
312 Ridge Avenue
State College, Pennsylvania 16801
(814) 865-1442

Pullman-Swindell
Attn: Mr. H.J. Trilli, President
441 Smithfield Street
Pittsburgh, Pennsylvania 15222
(412) 562-7000

Puricons
Attn: Dr. Sally Fisher, President
16 Central Avenue
Berwyn, Pennsylvania 19312
(215) 644-5488

Rogers and Golden, Inc.
Attn: Mr. John Rogers
7220 Germantown Avenue
Philadelphia, Pennsylvania 19119
(215) 247-4444

Sherman Rosen and Associates
Attn: Mr. Sherman J. Rosen, President
Box 246
Hershey, Pennsylvania 17033
(717) 533-5482
Sadtler Research Laboratories, Inc.
Attn: Mr. Richard Shaps, President
3316 Spring Garden Street
Philadelphia, Pennsylvania 19104
(215) 382-7800

Sanders and Thomas, Inc.
Attn: Mr. S. William Heilman, President
Griffith Tower Building
Pottstown, Pennsylvania 19464
(215) 326-4600

Scott Environmental Technology
Attn: Mr. Fred Merz, President
Route 611
Plumsteadville, Pennsylvania 18949
(215) 766-8861

Marcus Sittenfield and Associates
Attn: Mr. Marcus Sittenfield
1405 Locust Street
Philadelphia, Pennsylvania 19102
(215) 735-5788

Smith, Miller and Associates
Attn: Mr. Donald D. Smith, President
189 Market Street
Kingston, Pennsylvania 18704
(717) 288-4567

Spotts, Stevens and McCoy, Inc.
Attn: Mr. L. McCoy, President
345 North Wyomissing Boulevard
Box 6307
Wyomissing, Pennsylvania 19610
(215) 376-6581

Teck Labs, Division of J-Lab, Inc.
Attn: Mr. John Mitchell, President
Box 489
Bradford, Pennsylvania 16701
(814) 368-6087

Trane Thermal Company
Attn: Mr. J.J. Santoleri, Vice President
Brook Road
Conshohocken, Pennsylvania 19428
(215) 828-5400
7.5 Virginia

Aquatic Biology Division
Attn: Dr. William Woolcott
Biology Department
University of Richmond
Richmond, Virginia 23173
(804) 285-6309

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CH²M/Hill
Attn: Mr. Larry Costello, Regional Manager
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Reston, Virginia 22090
(703) 471-9710

Comeco
Attn: Mr. John Conroy
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Arlington, Virginia 22207
(703) 538-2631

Commonwealth Laboratory, Inc.
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Richmond, Virginia 23223
(804) 648-8358

Eastern Control Systems, Inc.
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Ecol Sciences
Attn: Mr. Edward Bradley, President
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(703) 938-5560

Engineering Science, Inc.
Attn: Mr. Terry LiPuma
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(202) 790-9300
D. J. Horvath, Professional Consultant
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(304) 293-2406
7.7 Other Location

Abt Associates
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Cambridge, Massachusetts 02138
(617) 492-7100

Michael Baker, Jr., Inc.
4301 Dutch Ridge Road
Beaver, Pennsylvania 15009
(412) 495-7711

Alvin Baum and Associates
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(415) 567-6114

Betz, Converse, Murdoch, Inc.
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Plymouth Meeting, Pennsylvania 19462
(215) 825-3800

Blaser, Zeni and Company
Attn: Mr. William Blaser
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Jason M. Cortell and Associates
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Development Science, Inc.
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EBASCO Services Inc.
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New York City, New York 10006
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RRC International, Inc.  
Attn: Mr. John Kent  
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Technology and Economic, Inc.  
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TRC  
Attn: Mr. Stephen Hoffman  
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URS Company  
Attn: Mr. Leo Craton, Vice President  
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Woodward-Clyde Consultants  
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8.0 LITERATURE CITED


