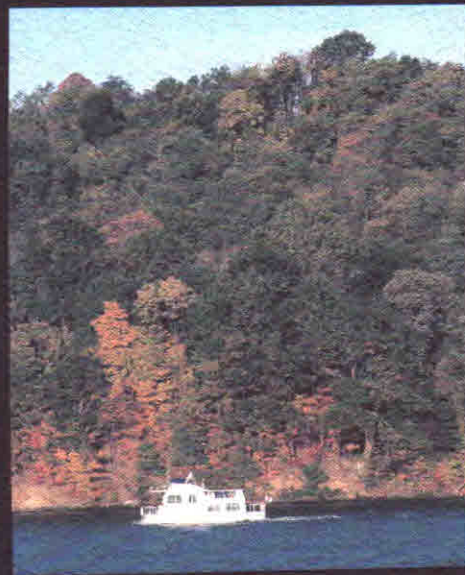


OHIO RIVER VALLEY WATER SANITATION COMMISSION



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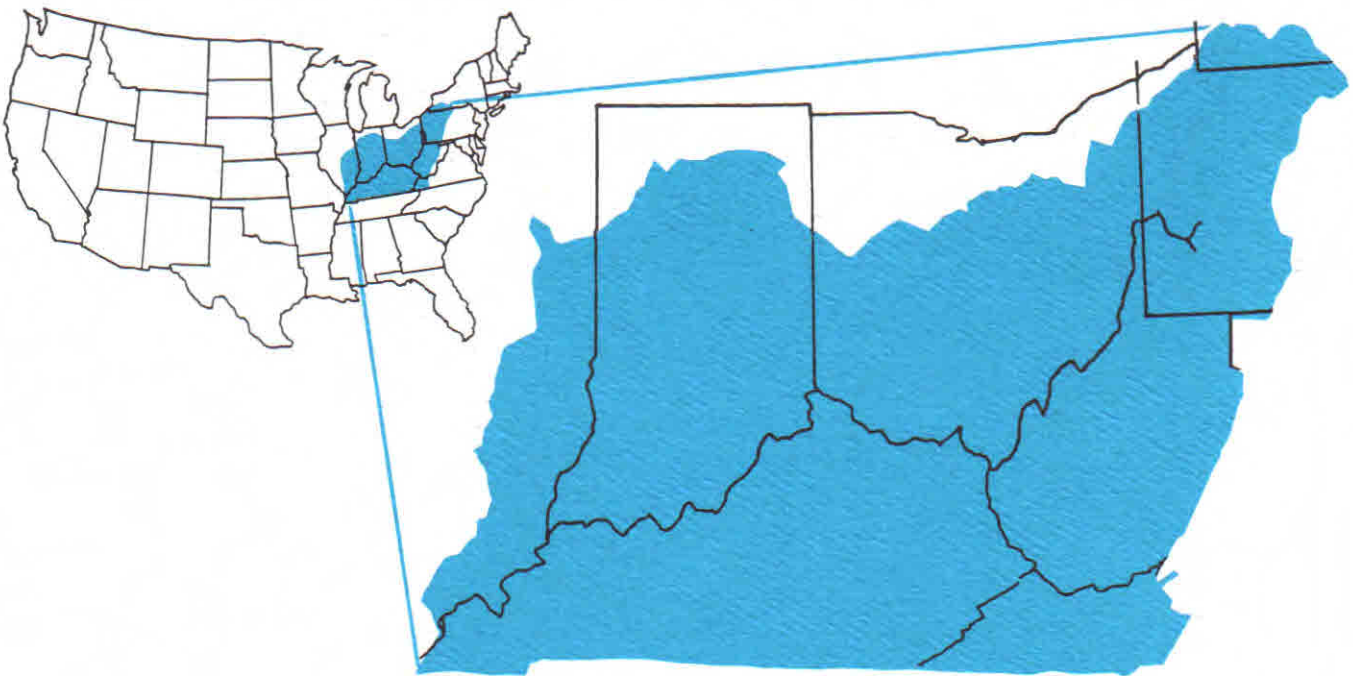
1989



TO:

THE HONORABLE JAMES R. THOMPSON, *Governor of Illinois*
THE HONORABLE EVAN BAYH, *Governor of Indiana*
THE HONORABLE WALLACE G. WILKINSON, *Governor of Kentucky*
THE HONORABLE MARIO M. CUOMO, *Governor of New York*
THE HONORABLE RICHARD F. CELESTE, *Governor of Ohio*
THE HONORABLE ROBERT P. CASEY, *Governor of Pennsylvania*
THE HONORABLE L. DOUGLAS WILDER, *Governor of Virginia*
THE HONORABLE W. GASTON CAPERTON III, *Governor of West Virginia*
AND
THE HONORABLE GEORGE H. W. BUSH, *President of the United States*

Ohio River Valley Water Sanitation Compact District



The Commissioners of the Ohio River Valley Water Sanitation Commission (ORSANCO) — an interstate compact water pollution control commission created jointly in 1948 by the State of Illinois, the State of Indiana, the Commonwealth of Kentucky, the State of New York, the State of Ohio, the Commonwealth of Pennsylvania, the Commonwealth of Virginia, and the State of West Virginia, with the approval of the Congress of the United States — respectfully submit the following report of the Commission's activities in 1989.

MEMBERS OF THE COMMISSION

ILLINOIS

Richard S. Engelbrecht, *Ph.D., Professor of Environmental Engineering, University of Illinois*
Bernard P. Killian, *Director, Illinois Environmental Protection Agency*

INDIANA

Joseph H. Harrison, *Attorney, Bowers, Harrison, Kent & Miller*
Albert R. Kendrick, Jr., *Purchasing, Production Planning & Environmental Affairs Manager, InnoPak Corporation*
Kathy Prosser, *Commissioner, Department of Environmental Management*

KENTUCKY

Carl H. Bradley, *Secretary, Natural Resources & Environmental Protection Cabinet*
Gordon R. Garner, *Executive Director, Louisville & Jefferson County Metropolitan Sewer District*
Ted R. Richardson, *President, Cardinal Laboratories*

NEW YORK

Douglas M. Anderson, *Director of Finance, City of Jamestown*
Thomas C. Jorling, *Commissioner, Department of Environmental Conservation*
Thomas A. Storch, *Ph.D., Director, Environmental Resources Center, SUNY-Fredonia*

OHIO

Lloyd N. Clausing, *Senior Engineer, Martin Marietta Energy Systems, Inc.*
Pasquale V. Scarpino, *Ph.D., Professor of Environmental Engineering, University of Cincinnati*
Richard L. Shank, *Ph.D., Director, Ohio Environmental Protection Agency*

PENNSYLVANIA

Arthur A. Davis, *Secretary, Department of Environmental Resources*
Melvin E. Hook, *Manager, Fox Chapel Authority*
Gerald C. Smith, *President, Pennsylvania-American Water Company*

VIRGINIA

Patrick L. Standing, *State Water Control Board*
W. Bidgood Wall, Jr., *State Water Control Board*
Robert C. Wininger, *State Water Control Board*

WEST VIRGINIA

Edgar N. Henry
George W. Lilley, Jr., *Ed.D., Acting Administrator, Department of Health*
Ronald R. Potesta, *President, Terradon Corporation*

UNITED STATES

Valdas V. Adamkus, *Regional Administrator, U.S. Environmental Protection Agency, Region V*
Jean M. Barren
Kathleen E. Burgoon, *Senior Instructor of Geography, Miami University*

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LEGAL COUNSEL

Thomas D. Heekin, *Taft, Stettinius & Hollister*

MOVING INTO THE 1990's



DR. PASQUALE SCARPINO
Chairman

The Ohio River constitutes that beautiful broad gateway for commerce, industry, and people that stretches into the heart of America. It reaches for almost 1000 miles from the confluence of the Allegheny and Monongahela Rivers at Pittsburgh, Pennsylvania, to the final discharge of its bountiful waters into the Mississippi River at Cairo, Illinois.

For 42 years the Ohio River Valley Water Sanitation Commission has served its eight signatory states by implementing efficient and effective water pollution abatement programs. From its beginnings, the Commission has worked to reduce and control sources of Ohio River Basin pollution. The achievements of ORSANCO over the past years have been remarkable, but significant challenges remain and new ones have surfaced. Although basic water quality problems, such as oxygen depletion and severe bacterial contamination, have been significantly controlled and fishing and recreational activities are at an all-time high, new challenges to the Ohio River ecosystem have arisen. These challenges range from the presence of toxic substances in the river and in fish tissue to the ever-present problem of spills and accidental discharges. The contamination of fish tissue by chemicals which have been banned from general use poses a paradox, and has forced several states to issue fish consumption advisories.

In order to address these challenges, the Commission, in 1989, established a permanent Strategic Planning Committee to focus on anticipating the Commission's emerging responsibilities and guide the timely identification of program directions. Constant general review of ORSANCO's policies and programs by Commissioners will provide us with the edge needed to give the citizens of the Basin the appropriate research studies and activities necessary for the needs of our time.

Relative to the Commission's strategic planning, one program area targeted for future emphasis is information concerning the overall ecological profile of the river. The critical need for this information hindered our efforts to evaluate the impacts of a major oil spill which occurred in January, 1988.

