

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 N. Capitol St., N.E.
Washington, DC 20002**

**RESOLUTION AUTHORIZING COG TO RECEIVE AND EXPEND FUNDING FROM THE
DISTRICT OF COLUMBIA FOR THE DEVELOPMENT OF A
MATHEMATICAL MODELING FRAMEWORK RELATING pH TO OTHER WATER
QUALITY FACTORS IN THE POTOMAC RIVER AND CHESAPEAKE BAY**

WHEREAS, the Metropolitan Washington Council of Governments (COG) has supported the 1987 and 2000 Chesapeake Bay Agreements and through the actions of its members and affiliated wastewater utilities has demonstrated its commitment to the restoration and protection of the Chesapeake Bay and its tributaries; and

WHEREAS, the COG Broad passed a resolution (R26-98) concluding that enhanced technical collaboration between the Council and the Chesapeake Bay Program will serve both parties mutual interest; and

WHEREAS, the COG Broad passed a resolution (R23-04) authorizing COG to enter into cost-share agreements for upgrading Potomac River and Chesapeake Bay modeling tools; and

WHEREAS, COG and the U.S. Army Corps of Engineers (COE) have signed a Federal Cost Share Agreement and developed a cooperative Project Management Plan to upgrade Potomac River and Chesapeake Bay modeling tools, working in partnership with the State of Maryland, the District of Columbia, the Commonwealth of Virginia, and the Chesapeake Bay Program; and

WHEREAS, consistent with the cooperative Project Management Plan to upgrade Potomac River and Chesapeake Bay modeling tools, the District of Columbia Department of Health desires to fund the development of a mathematical modeling framework that would relate pH to nutrient loading, primary production, and other factors in the Potomac River; and

WHEREAS, LimnoTech, Inc. was selected as the contractor to develop the mathematical modeling framework that would relate pH to nutrient loading, primary production, and other factors in the Potomac River and is identified in the Project Management Plan to conduct this task, and LimnoTech, Inc. is currently under contract to COG for related project work;

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE
METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:**

The Executive Director or his designee is authorized to receive and expend \$150,000 from the District of Columbia Department of Health for the development of a mathematical modeling framework that would relate pH to nutrient loading, primary production, and other factors in the Potomac River, and amend an existing contract with LimnoTech, Inc. for an amount not to exceed \$150,000 to carry out the model development work.

The total estimated cost of the project is \$150,000. No COG local matching funds are required.