

A RESOLUTION authorizing the Executive Director to engage an expert panel to advise the Water Quality Advisory Committee (WQAC) and the Commission on the development and use of a Delaware Estuary Eutrophication Model.

WHEREAS, in consultation with the WQAC and its Nutrient Management Subcommittee, the DRBC staff have developed a Nutrient Management Strategy that includes as a fundamental component the development of a reliable hydrodynamic and water quality model (a “Delaware Estuary Eutrophication Model”) to simulate the transport, fate and ecosystem responses of nutrients in the tidal Delaware River and Delaware Bay; and

WHEREAS, the WQAC has recommended that an expert panel be created to provide advice on the development and use of such a model; and

WHEREAS, funds allocated to an expert panel include \$20,000 from the United States Environmental Protection Agency (USEPA) under the Section 106 Grant to the Commission, and \$24,750 from the Philadelphia Water Department previously reserved for this purpose; and

WHEREAS, members of the WQAC and DRBC staff identified as proposed members of the expert panel the following national and international experts in fields related to hydrodynamic and water quality modeling: Dr. Steven Chapra of Tufts University; Dr. Victor Bierman of LimnoTech; Dr. Carl Cerco of the U.S. Army Corps of Engineers; and Dr. Robert Chant of Rutgers University; and

WHEREAS, the named individuals are willing to participate on the expert panel; and

WHEREAS, members of the WQAC and DRBC staff may recommend that additional experts be placed on the panel in order to complement the expertise and experience of the panel; and

WHEREAS, section 14.9 of the Delaware River Basin Compact (“Compact”) provides for the Commission to suspend and waive the competitive bidding requirements of that section whenever the services to be procured are of a specialized or professional nature; now therefore,

BE IT RESOLVED by the Delaware River Basin Commission:

1. The Executive Director is authorized to enter into agreements for the services of Drs. Chapra, Bierman, Cerco and Chant to serve on an expert panel for the development and use of an Eutrophication Model for the Delaware Estuary.
2. Upon the recommendation of staff and after consultation with the Commission Chair, the Executive Director is further authorized, to the extent that allocated funds allow, engage additional experts to serve on the panel in order to complement the expertise and experience of the panel.

3. The total cost for the panel shall not exceed the lesser of \$44,750 or the funds expressly awarded to the Commission or allocated by it for this purpose.
4. This resolution shall be effective immediately.

*/s/ Kelly J. Heffner*

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Kelly J. Heffner, Chairwoman pro tem

*/s/ Pamela M. Bush*

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Pamela M. Bush, J.D., A.I.C.P.  
Commission Secretary

ADOPTED: December 5, 2012