

RESOLUTION FOR THE MINUTES

A RESOLUTION for the Minutes Authorizing the Executive Director to enter into an Agreement with Temple University's Water and Environmental Technology (WET) Center for technical and analytical services related to contaminants of emerging concern.

WHEREAS, Resolution No. 2000-13 provided in part that the Commission "shall continue to work cooperatively with the signatory parties, their agencies, and dischargers to control the discharge of toxic substances that could adversely affect human health and aquatic and other wildlife in the Delaware Estuary"; and

WHEREAS, Resolution No. 2013-7 reauthorizing the Toxics Advisory Committee identified ambient surveys for contaminants of emerging concern and testing for toxicity in ambient waters of the Estuary and its tributaries as ongoing initiatives for the control and abatement of toxic contaminants in Basin waters; and

WHEREAS, Temple University's Water and Environmental Technology (WET) Center has been a valued collaborator with the DRBC on such matters as:

- analyzing pharmaceuticals and personal care products in the Delaware River Estuary and tributaries thereto, resulting in the 2020 publication, "Occurrence and aquatic toxicity of contaminants of emerging concern (CECs) in tributaries of an urbanized section of the Delaware River Watershed," AIMS Environmental Science, 2020, 7(4): 302-319. doi: 10.3934/environsci.2020019;
- assessing the ability of green adsorbents to improve water quality and green stormwater infrastructure; and
- analyzing microplastics for samples collected in the Delaware River Estuary; and

WHEREAS, the Temple WET Center has the capacity to perform two specialized alternative effects-based tests for toxic substances – the Yeast Endocrine Screen (YES) and Yeast Androgen Screen (YAS) – as well as to conduct target and non-target analysis of per- and polyfluoroalkyl substances (PFAS); and

WHEREAS, both DRBC and the Temple WET Center continue to plan and perform projects relating to the control of toxic substances in the Delaware River and Bay, including under:

- a Pennsylvania Coastal Resources Management Program grant awarded to the DRBC on December 21, 2020 that includes funds for YES and YAS testing of ambient samples; and
- a Pennsylvania Sea Grant award, if secured, for the funding cycle running from February 1, 2022 through January 31, 2024, of which half is proposed for analysis of target and non-target PFAS;

NOW therefore,

BE IT RESOLVED by the Delaware River Basin Commission:

1. The Executive Director is authorized to enter into an agreement with the Temple University Water and Environmental Technology (WET) Center for studies relating to the monitoring, maintenance and improvement of water quality.

2. Unless additional funds are awarded to the Commission or allocated by it for the purposes specified below, such agreement shall be limited to:

a. Expenditures not to exceed \$15,400 for effects-based toxicity testing under the Pennsylvania Coastal Resources Management Program grant awarded to the DRBC on December 21, 2020.

b. Expenditures not to exceed \$59,785 for the analysis of target and non-target PFAS under a Pennsylvania Sea Grant award for the funding cycle running from February 1, 2022 through January 31, 2024, *if secured*.

3. Because the analytical services to be provided under the agreement hereby authorized are of a specialized and professional nature, in accordance with Article 14.9 of the Delaware River Basin Compact, the requirement for competitive bids for the purposes set forth above is waived.

4. This Resolution for the Minutes shall take effect immediately.

ADOPTED: March 10, 2021