

# Summary of Eutrophication Model Expert Panel Meeting

DRBC Offices  
July 25 and 26, 2017

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# Overview of Meeting Topics

- ❑ Expert Panel update
  - Dr. Vic Bierman, LimnoTech stepped down from the Expert Panel since LimnoTech now serves as a modeling consultant for DRBC
  - Tim Wool, EPA Region 4 has been appointed to serve as a member of the Expert Panel.
- ❑ Review of tasks from the previous meeting in November 2016.
- ❑ Data Assessment Tasks
  - Primary productivity
  - Light extinction
  - Point source monitoring
- ❑ Modeling Tasks
  - Model input data
  - Preliminary model results
- ❑ Ultimate BOD Evaluation

# Commission Goal

## Goal:

Develop a technically sound eutrophication model for the Delaware Estuary and Bay utilizing the current state of the science within a timeframe established by the Commission.

- \* (the draft Resolution under consideration by the Commission directs staff to prepare a schedule for completing the technical studies within 3.5 years of the adoption of the Resolution).

# Overview

- Data Assessment Tasks – John Yagecic
- Additional Point Source Monitoring – John Yagecic
- Modeling Tasks – Drs. Suk and Zheng
  - Status of Hydrodynamic and Eutrophication Model Development - Part 1
  - \* Sources of Data for the EFDC Model
  - \* Preliminary Model Simulations
  - \* Key Recommendations from Expert Panel
- Review & Evaluation of Ultimate BOD Data from Point Sources – Dr. Suk

# Summary

- ❑ Next Expert Panel Meeting – December 2017/January 2018
- ❑ Planned format for next meeting
  - A joint meeting of the Expert Panel and WQAC is planned.
- ❑ Preparation for Monitoring Intensive Year – 2018
  - \* Ambient Monitoring
  - \* Point Source Monitoring
  - \* Technical/Engineering Evaluation and Socio-Economic Analysis