

# Status of Model Development

WQAC Meeting

May 11, 2017

Presented to an advisory committee of the DRBC on May 11, 2017.  
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# 1-D WQ Screening Model

- \* Use existing 1-D DYNHYD5 Hydrodynamic Model developed for PCB TMDLs
- \* Link with WASP8 Water Quality Model and evaluate as a screening model
- \* Models being linked and tested
- \* Model input conditions are being developed for the period of 2012 - 2013

# 3-D Hydrodynamic Model Task

- \* CH3DZ Model
  - \* Complete evaluations of CH3DZ model
  - \* Work with USACE Philadelphia District
  - \* Link with WASP8 Water Quality Model
  - \* Models will be tested for the period of 2012 – 2013
- \* Other 3-D hydrodynamic models