Cayuga Lake Modeling Project
in Support of a Phosphorus TMDL

Public Meeting, Boynton Middle School
December 3, 2013

Jeff Myers
Bureau of Water
Assessment Management
NYS DEC
Modeling Study/TMDL Schedule of Activities

2013 – Monitoring/Data Collection
2014/15 – Model Development
2015/16 – Model Evaluation
2016/17 – TMDL Development
May 2017 – Draft TMDL
Sep 2017 – Final TMDL
Other Actions Required by SPDES Permit

- Biological Monitoring Studies
- Outfall Redesign Study
- LSC Facility BMP Study
Project Outreach

• Occasional Public Meetings
  Scheduled around Key Project Milestones

• Tompkins Co WRC/Monitoring Partnership
  Regular (Monthly) Communication, Technical

• Technical Advisory Committee (TAC)
  Track/Comment on Monitoring/Model Progress

• Additional Stakeholder Involvement during the Actual TMDL Development Process
Section 303(d) List of Impaired/TMDL Water

What Waters are Included on 303(d) List?

- Waters that Do Not Support Uses and/or Meet Water Quality Standards, AND
- Require a TMDL
Section 303(d) List of Impaired/TMDL Water

What Impaired Waters are NOT Included on 303(d) List?

- Waters where TMDL has been Completed
- Waters where Alternatives to TMDL are More Appropriate
- Waters where Impairment is Result of Non-TMDL-able Cause
Review and Update of Section 303(d) List

- Updated Every Two Years
- Waterbodies can be Added/Deleted
- Specific Pollutants can be Added/Deleted
- Update of Assessment and Listing Methodologies
- Public Comment on Draft List
- EPA Issues Final Approval of List
303(d) Listing for South End of Cayuga Lake

- Phosphorus
- Silt/Sediment
- Pathogens *

- Also Impaired by Algal/Weed Growth, but Not Listed for this Cause.
Schedule for 2014 NYS 303(d) Listing

Sept 30 – Data Solicitation Concludes
Oct-Dec – Develop DRAFT List
Jan-Feb – Public Notice of Draft List
March – Develop Final List and Response to Public Comment
April 1 – Submit Proposed Final List to EPA