

Cayuga Lake Modeling Project in Support of a Phosphorus TMDL

Public Meeting, Boynton Middle School
December 3, 2013

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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 *
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- 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

