



Peconic Estuary WQ Monitoring Collaborative Meeting

January 29th, 2021

Roles of the Peconic Estuary WQ Monitoring Collaborative

- Document Outlines Collaborative:
 - Roles and responsibilities
 - Composition
 - Leadership
 - Meeting Objectives and Frequency
 - Committee Operations and Decision- making
 - Defines Core Voting Organizations
- Action: Group will be asked to review and submit comments on the document in 2 weeks by **2/12/2021**.
- Next Steps: Upon approval the document will be added to the PEP Organizational Structure Document.

Updates to PEP reporting tools: pepreporting R package

<https://tbep-tech.github.io/pepreporting/>



**Peconic Estuary Partnership's
Water Quality Monitoring Strategy**
June 2020



Open source reporting tools for the PEP Monitoring Collaborative: Beach Pathogens and Dissolved Oxygen

Dr. Marcus Beck

<https://tbep-tech.github.io/tbep-os-presentations/pepreporting2.html#1>

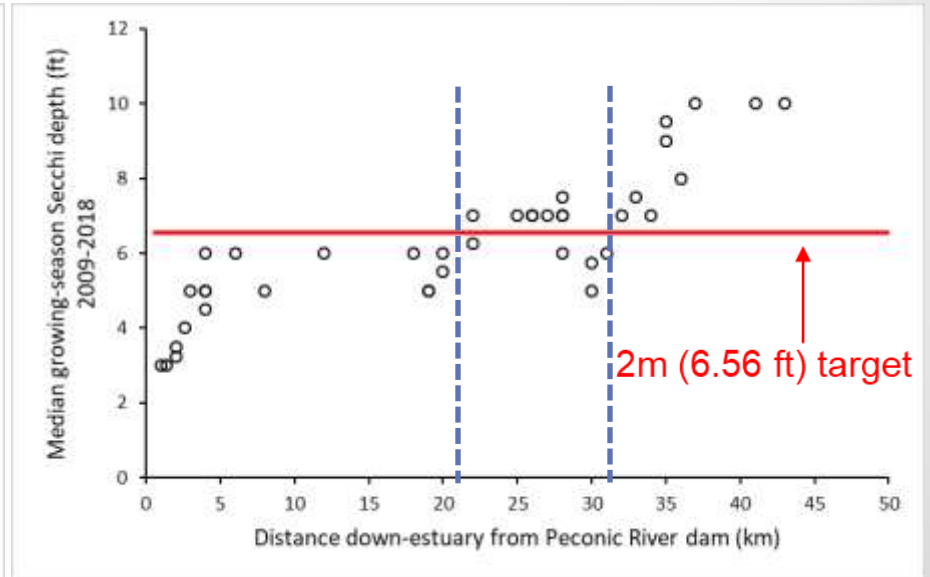
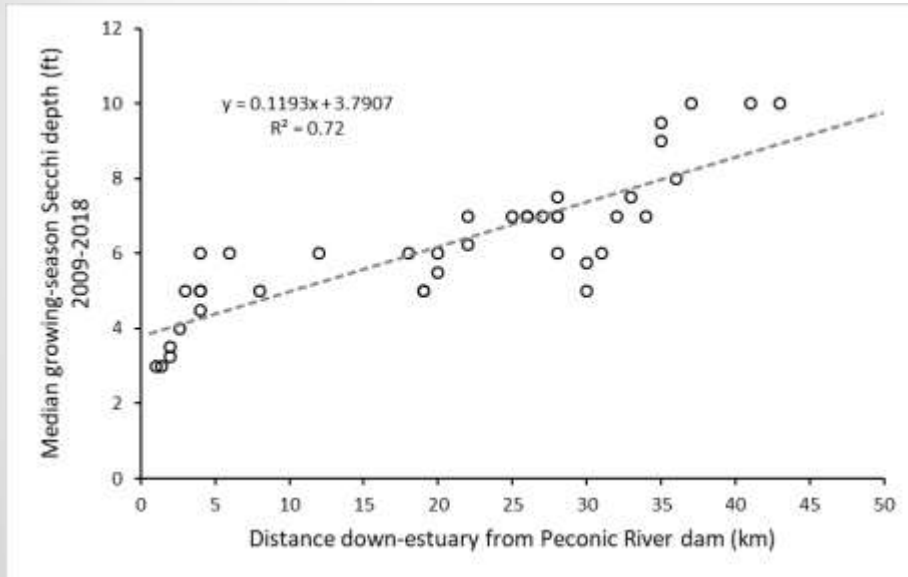
Adopted 3 Estuary Segments

- Collaborative adopted three estuary segments—west, central and east illustrated in Figure—as the reporting/management units, based on chlorophyll-a concentrations and Secchi depths observed at Suffolk County Department of Health Services monitoring stations in each segment.



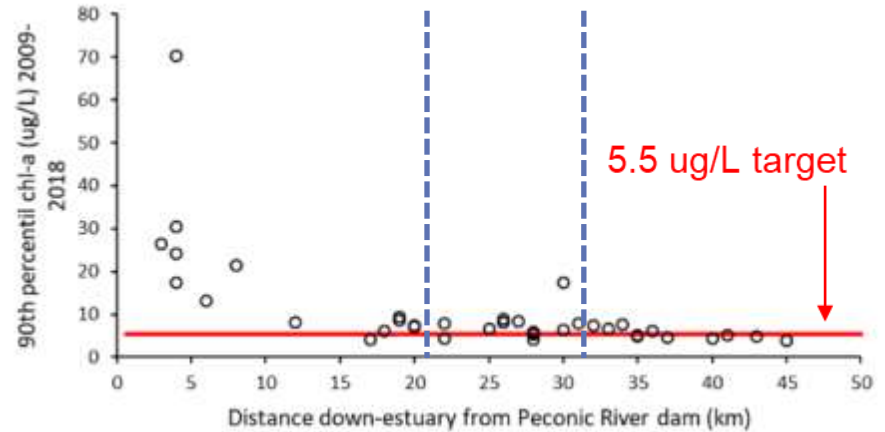
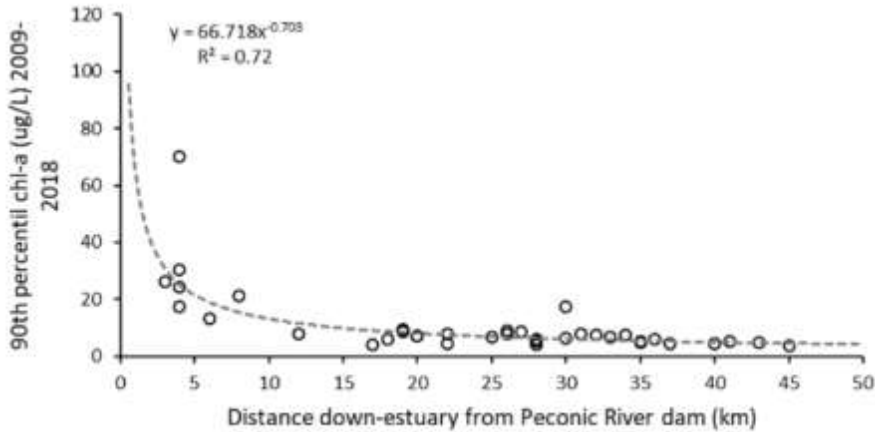
Segment Delineation- Secchi Disk Depth

3 potential management zones



Segment Delineation- Chlorophyll-a

3 potential management zones

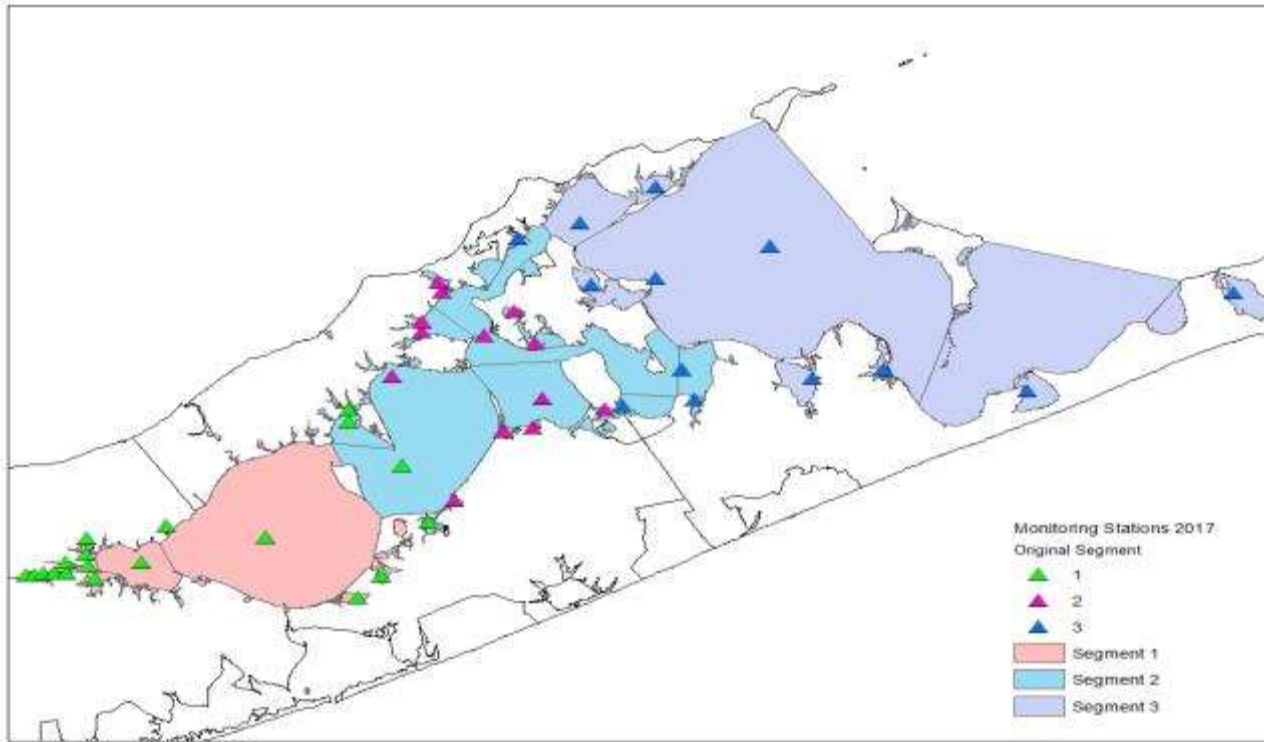


Adopted management zones



| Station Number | StationName | Distance from Peconic River dam (km) | Met Secchi Target? | Met Chla Target? |
|----------------|-------------------------------|--------------------------------------|--------------------|------------------|
| 60280 | Peconic River | 1 | NA | NA |
| 60275 | Peconic River | 1 | 0 | NA |
| 60270 | Peconic River | 1 | 0 | NA |
| 60265 | Peconic River | 2 | 0 | NA |
| 60266 | Peconic River | 2 | 0 | NA |
| 60260 | Peconic River | 3 | 0 | NA |
| 60250 | Sawmill Creek | 3 | 0 | 0 |
| 60210 | Reeves Bay | 4 | 0 | 0 |
| 60220 | Meetinghouse Creek | 4 | 0 | 0 |
| 60230 | Terrys Creek | 4 | 0 | 0 |
| 60240 | Peconic River Mouth | 4 | 0 | 0 |
| 60170 | Flanders Bay | 6 | 0 | 0 |
| 60101 | East Creek (South Jamesport) | 8 | 0 | 0 |
| 60130 | Great Peconic Bay | 12 | 0 | 0 |
| 60290 | Cold Spring Pond | 17 | NA | 1 |
| 60148 | Bullhead Bay | 18 | 0 | 0 |
| 60102 | Cutchogue Harbor | 19 | 0 | 0 |
| 60103 | East Creek (Cutchogue) | 19 | 0 | 0 |
| 60104 | North Sea Harbor | 20 | 0 | 0 |
| 60113 | Little Peconic Bay | 20 | 0 | 0 |
| 60105 | Hog Neck Bay North | 22 | 0 | 1 |
| 60300 | Wooley Pond | 22 | 1 | 0 |
| 60106 | Goose Creek | 25 | 1 | 0 |
| 60107 | Town Creek | 26 | 1 | 0 |
| 60310 | Noyack Creek | 26 | 1 | 0 |
| 60320 | Mill Creek | 27 | 1 | 0 |
| 60340 | Hashamomuck Pond 1 | 28 | 1 | 1 |
| 60109 | Mill Creek (Hashamomuck Pond) | 28 | 0 | 1 |
| 60114 | Paradise Point | 28 | 1 | 0 |
| 60121 | Noyac Bay | 28 | 1 | 0 |
| 60119 | West Neck Bay | 30 | 0 | 0 |
| 60124 | West Neck Harbor | 30 | 0 | 0 |
| 60127 | Sag Harbor Cove | 31 | 0 | 0 |
| 60126 | Sag Harbor | 32 | 1 | 0 |
| 60111 | Greenport Harbor | 33 | 1 | 0 |
| 60122 | Coecl's Harbor | 34 | 1 | 0 |
| 60118 | Northwest Harbor | 35 | 1 | 1 |
| 60131 | Northwest Creek | 35 | 1 | 1 |
| 60115 | Orient Harbor | 36 | 1 | 0 |
| 60116 | Gardiner's Bay West | 37 | 1 | 1 |
| 60330 | Hallocks Bay | 40 | 1 | 1 |
| 60132 | Three Mile Harbor | 41 | 1 | 1 |
| 60137 | Gardiner's Bay Central | 43 | 1 | 1 |
| 60133 | Acabonac Harbor | 45 | 1 | 1 |
| 60134 | Napeague Harbor | 52 | 1 | 1 |
| 60135 | Lake Montauk | 63 | 1 | 1 |

Proposed Adjustment of 3 Estuary Segments



Draft Peconic Estuary Partnership 2020 Water Quality Report

- Action: Group will be asked to review and submit comments on the document.
 - Final Draft of 2020 WQ Report will be reviewed by the Collaborative at March Collaborative Meeting.
 - Next Steps: After finalization the Peconic Estuary Partnership 2020 Water Quality Report will be presented during the virtual **PEP Biennial Conference on April 14th- 16th.**
-
-

Next Steps and Next Meeting Dates:

- TAC meeting – February 10th, 2021 10:00 am – 12:30 pm – Conference Call
- PE WQ Monitoring Collaborative – March 2021-
Conference Call

Thank you!