



New York - New Jersey
Harbor Estuary
Program

HEP/LISS System-Wide Nutrient Work Group Meeting
July 25, 2006, 10:00 – 3:00
290 Broadway, Room 27 D, NYC
(Draft Aug 15, 2006)

AGENDA

1. Agenda Review
2. Output from HEP Nutrient Management Questions work assignment (R. Miller - HydroQual)
3. Discussion of next steps (Group)
4. Update on NJ Cost Analysis RFP and NYC Cost Analysis (B. McKenna/K. Mahoney)
5. Discussion of any needs from NWG for HEP Education and Outreach products or projects (L. Bartovics/C. Worrall)
6. Break for Lunch
7. LISS Pastoral Run Results and Update on TMDL Scenario (R. Miller - HydroQual)
8. LISS Framework for TMDL Reassessment (M. Tedesco)

MINUTES

1. The Nutrient Work Group was convened at 10:00 at 290 Broadway. Bob Nyman chaired the meeting. The agenda was reviewed and no changes were made.
- 2/3. Robin Miller provided a presentation on the “what would it take” management questions that the NWG had commissioned. Marco Alebus noted that for future work, we need to consider the TMDLs that are being developed for the non-tidal portions of the Passaic and Hackensack. It was pointed out that in some locations, tributary headwaters may be entering with a DO deficit (under saturation). In some cases, hydrogen sulfide in the water must be overcome first, so there may be a delay in the expected DO recovery. Ms. Miller cautioned that while the information on Jamaica Bay is given in the presentation maps, it was not included in the analysis work because HydroQual feels that the Jamaica Bay model provides better results for this waterbody. The Jamaica Bay Plan report is due from NYCDEP to NYSDEC on October 22. Phil O’Brien requested a copy of the algorithm that was

used in the marine DO criteria calculation. Other items that the group should consider for future work include an assessment of how vertical gradients within the model are handled with respect to the standards, and the possible use of par values to assess changes in DO deficit per pound of N or C removal. The group may also want to consider DO volume days as a way to express improvements. Mr. Nyman will work with HydroQual to develop a set of next steps/considerations for review by the NWG and oversight group.

4. The cost analysis work that is to be done by NJHDG and NYCDEP was then discussed. NJHDG and NYCDEP have each agreed to do their respective sides of the harbor. They also agreed to work together to try to come up with comparable outputs. Two of the issues include deciding on what levels of effluent quality would be used in the assessment and whether those levels are annual, seasonal or monthly averages. HydroQual will provide the BOD loadings. Jane Rebhuhn said that she would be able to provide some information from Long Island POTWs that may be of use. Those involved agreed to touch base in two weeks on progress.
5. Laura Bartovics and Cortney Worrall discussed the Stewardship work plan that they are developing. They requested input on possible education and outreach topics related to nutrients. They had particular interest in the contribution of various non-point source loadings. There was a suggestion that water conservation and reduced flow would contribute to fewer CSO events and possibly better treatment at the POTWs. Mark Tedesco suggested looking into social based marketing to get messages out. Reduced water consumption at hotels was also offered. Ms. Bartovics and Ms. Worrall were invited back to the next meeting to continue the discussion once they have had a chance to look into a number of ideas.
6. Robin Miller gave a recap of the results and an update on the LISS pastoral run results. A copy of the presentations available.
7. Mark Tedesco discussed the LISS framework for TMDL reassessment. A copy of this presentation is also available.