



New York - New Jersey
Harbor Estuary
Program

New York-New Jersey Harbor Estuary Program
Nutrient Work Group Meeting of April 20, 2007
(Draft July 20, 2007)

1. The Nutrient Work Group meeting was convened at 10:00 and chaired by Bob Nyman.
2. The minutes of the January 18, 2007 conference call were approved.
3. Copies of the revised schedule for nutrient TMDL planning were distributed and briefly discussed. Members were asked to provide comments via email.
4. Robin Miller gave a presentation of the most recent work assignment outputs. A copy is available electronically. For Jamaica Bay, two runs were completed – one for the Consent Order as a minimum, and one for Limit of Technology. It was noted that they have up to 0.03 – 0.1 mg/l impact, respectively, on the rest of the harbor. The NWG needs to select on to move forward with for the next steps. The 19 carbon component runs will be completed within 6-8 weeks. At that point, additional decisions will need to be made including how conditions are depicted (e.g. worst single grid cell, DO volume days, worst 24 hour average, etc). John St. John suggested that perhaps several ways should be tested. Additional decisions needed include how to handle headwaters, what planned actions need to be included (move North Bergern outfall?), and how to consider NPS reductions. As regions are completed, the NWG needs to decide on plan to carry forward.
5. Tim Bradley from Metcalf and Eddy, contractor to the NJHDG, gave a presentation on the status of the cost analysis report. A copy of the report and presentation are available. Mr. Bradley noted that two constraints that they operated under while developing the costs which limited the low cost options. The first was that no blending of effluent is permitted in New Jersey. This is an operational modification whereby, during high flow periods, some of the effluent is permitted to bypass secondary treatment, but is blended back into the rest of the secondary treated waste stream prior to disinfection. The second constraint was that the levels prescribed are year round values. The analysis used existing flows, rather than permitted flows.

6. Norm Bradley of Hazen and Sawyer, contractor to NYCDEP, gave a brief overview of the status of their cost analysis work. They are looking at six technologies and four treatment plants which will result in 24 designs. All designs will require land acquisition. A full presentation will be given once the work has been completed.
7. Mark Tedesco gave a brief update on the Connecticut River Work Group and their work to evaluate options for controlling NPS. He said that they were using the New England version of the AVGWLF model with a more detailed version for the Connecticut River. He said that they may be able to use it to develop cost curves. The work will be completed in September 2007.
8. Bob Nyman said that he would send out the table of baseline load categories for the 8 management zones, as well as the four panel graphic for Jamaica Bay presented at the meeting.
9. Mr. Nyman mentioned that options were being evaluated for using EPA's OSV Bold to conduct some nutrient monitoring in the Bight. Additional information will be made available as is developed.
10. The meeting was adjourned.