

Summary of the November 26, 2002 Nutrient Work Group Meeting

On November 26, 2002 , the Nutrient Work Group (NWG) met at EPA's NYC office. The purpose of the meeting was to review a 24-month SWEM simulation and choose a critical 12 month period for future SWEM simulations. Unfortunately, HydroQual had problems running the 24-month simulation and could not produce results in time for the meeting. The results of the 24-month simulation will be presented at the next NWG meeting (12/17/02).

Phil O'Brien distributed a summary of the NWG activities which was distributed to the Management Committee (MC) on November 21, 2002. The summary included the NWG's recommendations concerning the MC's request for water quality indicators, targets and goals. The summary was used to communicate these recommendations to the MC as an alternative to the memorandum the NWG was drafting.

Robin Landeck Miller gave a status report on the HydroQual work. She outlined the delays and problems that were experienced with the 24-month simulation and reported on the development of the 2009 loadings. Robin went over the data that was received , the data that was still needed and assumptions and decisions that had to be made to develop the 2009 loadings. The NWG agreed with all the suggestions that HydroQual made except for the suggestion to exclude discharges previously not included in NY and Ct because of size and location. The NWG felt that if the facility was being regulated it should be included in the model and requested that these smaller plants be added.

The NWG also discussed the outputs it would like to see from the 24-month simulation in order to determine the critical 12 month period. In addition to the monthly minimum DO predictions for each cell in the model that HydroQual was planning to present, a calculation of "DO days" for areas that showed low DO minimums will be presented. The NWG also requested summer contour maps that showed the period of time the dissolved oxygen was below a given concentration. The concentrations to be plotted would be 5, 4.8, 4, 3, and 2.3 mg/l.

The NWG will meet on December 17, 2002 at 10:00 am in room 27 D of the EPA's NYC offices.

Action items:

Mick Degraeve will supply HydroQual with 2009 loads for the NJ dischargers represented by the NJ Harbor Discharge Group.

John Kashner will supply HydroQual with 2009 loads for the NJ dischargers located below Middlesex County.

Paul Stacey and Phil O' Brien will provide HydroQual loading information for the discharges to

be added to the SWEM in Ct and NY.

Chris Villari will provide the work group with 1999 nitrogen loadings for the NYC Discharges.

Bob Nyman will setup a conference call to discuss EPA's desire to use it's Marine DO criteria as indicators.

Attendees:

MarzooQ Al-Ebus	NJDEP
Mick DeGraeve	GLEC/NJHDG
Veronica Hurst	PVSC
John Kashner	NJDEP
Keith Mahoney	NYCDEP
Robin Landeck Miller	HydroQual
Brian Mitchell	IEC
Bob Nyman	USEPA
Philip O'Brien	NYSDEC
Morton Orentlicher	CAC
Dave Rosenblatt	NJDEP
Paul Stacey	CTDEP
Mark Tedesco	EPA-LISO
Antony Tseng	USEPA
Chris Villari	NYCDEP
Naj Yao	NYCDEP