

Summary of the June 3, 2004 Nutrient Work Group Meeting

On June 3, 2004 , the HEP Nutrient Work Group (NWG) met at the EPA NYC offices. The purpose of the meeting was to review the simulations that were done for the NWG and determine the next and future simulations for the Harbor. The review quickly turned into a discussion of the SWEMs performance in the NJ tributaries specifically in the Hackensack River. The representatives of both the State of NJ and the NJ Dischargers felt the SWEM predictions were inconsistent with observed conditions and that the model predictions were worse than actual conditions. Mick DeGraeve said he would plot the recently collected observed data along with the model predictions to show this point. Keith Mahoney thought it would be a good idea to do the same with the harbor survey data and said he would pursue that.

The work group thought a simulation of all the point source discharges at a carbon limit of technology (LOT), similar to the nitrogen LOT simulation, would be useful in determining what water quality improvements were possible. Keith Mahoney volunteered to do some research into what might be used as a limit of technology.

The Work group was reluctant to divide up the watershed into zones with the information we had and agreed to request from HydroQual model loading information that may help make those decisions.

Subsequent to the meeting and at the request of EPA the SWEM simulations for the Harbor were put on hold. EPA will be submitting an alternative assessment approach.

Attendees:

MarzooQ Al-Ebus	NJDEP/DWM
Mick DeGraeve	GLEC
Debra Hammond	NJDEP/WQS
Kerry Kirk Pflugh	NJDEP/DWM
Keith Mahoney	NYCDEP
Brian J Mitchell	IEC
Bob Nyman	USEPA-HEP
Kevin O'Brien	Hazen & Sawyer
Philip O'Brien	NYSDEC
Rosella O'Connor	USEPA
Jane Rebhuhn	Great Neck WPCD
Mark Tedesco	EPA-LIS
Anne Will	NJDEP
Naji Yao	NYCDEP