

**COUNTY OF NASSAU**  
**Inter-Departmental Memo**

**TO:** Office of Real Estate, Planning and Development  
Att: Carl Schroeter, Chief Real Estate Negotiator

**FROM:** Department of Public Works


**DATE:** October 22, 2009

**SUBJECT:** Capacity of County Retained Recharge Basin to Provide Drainage for Grumman North Campus (106 acres) and the Northrop Grumman OU3 Groundwater Project

You have asked for a memorandum confirming that the recharge basin referred to as Recharge Basin Two on the 105 acres (former Navy property) has sufficient storage capacity to provide drainage for the Grumman North Campus (106 acres), and the Northrop Grumman OU3 Groundwater Project (in an amount not to exceed 132 million gallons per year, and 0.36 million gallons per day).

As we have previously explained, Recharge Basin Two, with a capacity of 2,250,000 cf, is sufficient to meet the Department's 100 year storm (8 inches) requirement for the North Campus drainage.

The addition of the treated effluent from the Northrop Grumman OU3 Groundwater Project is not significant. Recharge Basin Two will have no problem handling rain events and the OU3 discharge.

  
Raymond A. Ribeiro  
Commissioner

RAR:jm

Attachment

c: Daniel Grippo, Deputy County Attorney  
Joseph L. Davenport, Chief Sanitary Engineer, Acting Division Head  
Kenneth Arnold, Unit Head, Water/Wastewater Engineering Unit

