

COUNTY OF SUFFOLK



ROBERT J. GAFFNEY  
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

MARY E. HIBBERD, M.D., M.P.H.  
COMMISSIONER

May 6, 1996

Mr. James Colter  
Department of the Navy, Northern Division  
Naval Facilities Engineering Command  
10 Industrial Highway  
Main Stop #82  
Lester, PA 19113-2090

Dear Mr. Colter:

RE: RCRA FACILITY INVESTIGATION REPORT, NWIRP CALVERTON (#152136)

On behalf of the Suffolk County Department of Health Services, I would like to offer the following comments on the draft RCRA Facility Assessment - Sampling Visit Addendum for NWIRP, Calverton, New York (Site #152136) prepared by Halliburton NUS Corp. (April 1996):

- Coal Pile Storage Area (Site 8): The SCDHS agrees with the conclusion that, based on the monitoring data collected, no remedial actions at this site are warranted. It is recommended, however, that any unvegetated areas be properly graded, and covered with top soil and turf.
- Electronic Counter Measures (ECM) Area (Site 9): Given the proximity of the the site to the groundwater divide, and the probable existence of a significant downward component of flow, the SCDHS recommends the installation of at least one profile well in the downgradient area (near ECM-GW01) just to make sure that the collected data do not represent the "tip of the iceberg."
- Jet Fuel Systems Lab (Site 10A): The SCDHS concurs with the recommendation to conduct remedial measures at the site. The extent of VOC groundwater contamination, particularly freon, needs to be defined.
- Engine Test House (Site 10B): The SCDHS concurs with the recommendation to conduct remedial measures at the site.

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- Southern Area: Given the proximity of the the site to the groundwater divide, and the probable existence of a significant downward component of flow, the shallow groundwater data collected in this study are not sufficient to fully characterize the site. The SCDHS well (S-51591) is considerably deeper than the study wells, and even the SCDHS well may be only detecting the "tip of the iceberg." At least one profile well immediately upgradient of the SCDHS well is needed to rule out this possibility.
- Golf Course: The SCDHS concurs that additional work is needed to define the plume from the Fire Training Area (Site 2), including the installation of wells on the Swan Lake Golf Course property, and the monitoring of irrigation wells. The potable water supply well at Swan Lake is monitored for VOCs annually by the SCDHS as part of its regular non-community public water supply surveillance program; thus far, no contamination has been detected.

I trust these suggestions and concerns will be taken into account in revising the draft report and designing any future studies and actions. The SCDHS would like the opportunity to comment on future work prior to implementation. If you want to discuss these comments further, contact me at (516) 853-3196.

Very truly yours,



Sy F. Robbins, C.P.G.  
County Hydrogeologist  
Division of Environmental Quality

cc: J. Reidy, USEPA  
T. Vickerson, NYSDOH  
J. Ohlmann, Grumman  
A. Shah, NYSDEC Region 1  
J. McCullough, NYSDEC Albany  
G. Proios, Co. Exec. Office