



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY, NORTHEAST  
NAVAL FACILITIES ENGINEERING COMMAND  
10 INDUSTRIAL HIGHWAY  
MAIL STOP, #82  
LESTER, PA 19113-2090

IN REPLY REFER TO

5090

Code EV21/JLC

1 JUN 2006

Mr. Henry Wilkie  
New York State Department of Environmental Conservation  
Division of Solid and Hazardous Materials  
625 Broadway, 8<sup>th</sup> Floor  
Albany, New York 12233-7252

Dear Henry:

Subj: Addendum to Draft Corrective Measures Study (CMS) for Off-Site  
Southern Area Groundwater Plume dated January 2006; Naval Weapons  
Industrial Reserve Plant (NWIRP) Calverton, New York

The Navy is forwarding an addendum page to the Draft CMS Report which was forwarded for your review on 31 January 2006. This report was prepared pursuant to 6NYCRR 373 and in accordance with the requirements outlined under Module II, Section E of the Part 373 Permit for NWIRP Calverton dated April 2000.

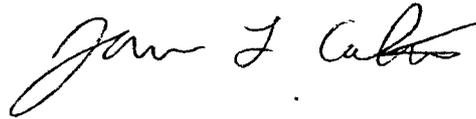
As stated above, a draft version of this report was previously furnished to you, however Section 5.4 - Recommended Corrective Measures was purposely omitted from the draft report. Subsequently, the Navy and NYSDEC met in March 2006 to discuss what the appropriate recommended corrective measure(s) should be. The consensus approach was then announced and further discussed at the last Calverton Restoration Advisory Board (RAB) meeting held on April 20, 2006.

The Navy would like to ask that NYSDEC provide a timely response so that this CMS Report can be finalized and that a Statement of Basis for Remedy Selection can be prepared.

By copy of this letter, the community members of the Calverton RAB are also requested to send any comments on the Draft Report by email to Mr. Wilkie at [hjwilkie@gw.dec.state.ny.us](mailto:hjwilkie@gw.dec.state.ny.us).

If you have any questions regarding the enclosed document, please contact me at (610) 595-0567, extension 163.

Sincerely,



JAMES L. COLTER, P.E.  
Remedial Project Manager  
By direction of the  
Commanding Officer

Enclosure: (1) Addendum to Section 5.0 of the Draft Report dated  
January 2006

Distribution:

NAVFAC Mid-Atlantic, Susan Clarke (Full Draft Document w/CD)  
NYSDEC (Albany), Larry Rosenmann  
NYSDEC (Stony Brook), Walter Parish  
NYSDOH, Wendy Kuehner/Trevor Wescott  
SCDHS, Sy Robbins  
EPA Region II, Carol Stein  
EPA Region II, Carla Struble  
Town of Riverhead, Andrea Lohneiss  
ECOR Solutions, Inc., Al Taormina  
NAVAIR, Joe Kaminski  
RAB Community Co-Chair, Bill Gunther  
Community RAB Member, Sidney Bail  
Community RAB Member, Art Binder  
Community RAB Member, Louis Cork  
Community RAB Member, John Hall (w/o enclosure)  
Community RAB Member, Harry Histan  
Community RAB Member, Jean Mannhaupt  
Community RAB Member, Ann Miloski  
Community RAB Member, Vincent Racaniello

Non-RAB Mailing List:

SCA Associates, Frank Anastasi  
Counsel-Peconic River Sportsman's Club, Tony Muratory

#### 5.4 On-Site Southern Area Plume Groundwater

The recommended remedial action for the Southern Area off-site groundwater plume is Alternative 2 – Deed Notifications, Natural Attenuation, and Monitoring. This alternative includes implementation of deed notifications and groundwater monitoring. The capital cost for this alternative is estimated to be \$97,600. Depending on the year, annual costs would range from \$17,900 to 50,800.

Down gradient receptors should not be adversely impacted by the contaminated groundwater. Monitoring would be conducted to allow an ongoing evaluation of potential impact. The down gradient property is owned by New York State (for conservation) and a local sportsman club and the Peconic River is the ultimate discharge point of the groundwater. Based on the concentrations detected in the groundwater and appropriate criteria for the river, adverse impacts to ecological receptors in the river are not anticipated. The chemicals of concern in the groundwater (VOCs) are relatively non-toxic to aquatic receptors and are not persistent in surface water. In the absence of a continuing source of groundwater contamination (Sites 6A and 10B contaminated soil), the Off-site Southern Area Plume groundwater will naturally attenuate, but may require more than 30 years to achieve all remediation goals