



Massapequa Water District

Tel: 516-798-5266

84 Grand Avenue
Massapequa, NY 11758-4990

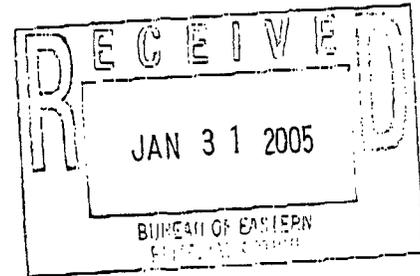
Fax: 516-798-0279

Commissioners
Frank J. Flood, Jr.
John F. Caruso
Vincent Guadagno

Richard W. Tobin, Superintendent
Constance A. Belegrios, Business Manager

January 28, 2005

Mr. Steven M. Scharf, P.E.
Bureau of Eastern Remedial Action
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7015



Re: Outpost Monitoring Wells
Naval Weapons Industrial Reserve Plant/
Northrop Grumman Corporation Facility
Bethpage, New York
Sites Nos. 1-30-003A and 1-30-003B

Dear Mr. Scharf:

It has come to our attention that contaminants related to the Naval Weapons Industrial Reserve Plant (NWIRP)/Northrop Grumman Corporation (NGC) Bethpage facility have been detected and confirmed in outpost monitoring wells located upgradient of the South Farmingdale Water District (SFWD) public water supply well fields Plant 1 and Plant 3. It is also our understanding that negotiations between the SFWD and the Navy regarding wellhead treatment for the threatened supply wells are currently underway.

Of particular concern to the Massapequa Water District (MWD), is the detection and confirmation of site-related contamination in outpost well cluster OW1, located upgradient of SFWD Plant 1. The groundwater modeling performed by ARCADIS in approximately 2002 to determine the locations and depths of the outpost wells, predicted that this well field (specifically well N4043) would be impacted in 11 years. Since the outpost well cluster was reportedly installed at a distance from the supply well representing a 5-year time-of-travel, site-related contamination should not have been detected in these outpost wells until 2008. This early detection of contamination shows that the groundwater plume is more extensive than the model results indicate, and raises questions about the conclusions that have been made based on the model results, in particular the conclusion that our supply wells will not be impacted for more than 30 years.

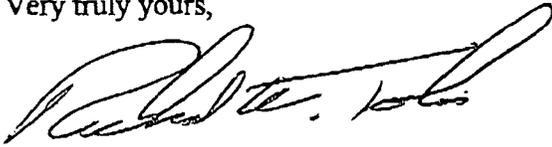
As you are aware, the vertical profile boring and groundwater sampling program that was conducted by the Navy in 2001 did not delineate the downgradient extent of the plume. As a result, the distance from the leading edge of the plume to our Northwest well field supply wells is currently unknown. For this reason, and since there are no longer any unimpacted upgradient outpost monitoring wells between the eastern portion of the plume and our supply wells, it is imperative that a mechanism be established to provide us with warning of an impending impact, so that our customers continue to be protected from groundwater contamination.

Page 2
NWIRP/NGCF

It is therefore requested that an outpost monitoring well cluster and monitoring program be developed for the MWD Northwest Well Field, including identification of well locations and screen zones, well installation activities, development of trigger values and well sampling, for incorporation into the monitoring program currently in place for the threatened SFWD, New York Water Service and Town of Hempstead - Levittown Water District well fields. In addition, it is further requested that we receive timely reports and complete analytical results for all outpost well sampling events, including confirmation samples, so that an independent evaluation of the data and review of groundwater conditions can be made.

Thank you for your consideration of this request.

Very truly yours,



Richard W. Tobin
Superintendent

cc: James Colter, Naval Facilities Engineering Command
John Cofman, P.E., Northrop Grumman Corporation
John Mirando, P.E., D&B
Kenneth Wenz, D&B

◆1883/nwirp-ngcf ltr to dec 1-28-05.doc-01