

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Remedial Action A
625 Broadway, 11th Floor
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December 1, 2009

Lora Fly
Naval Facilities Engineering Command, MidAtlantic
9742 Maryland Avenue
Norfolk, Virginia 23511

RE: Naval Weapons Industrial Research Plant-Bethpage,
Nassau County Site No. 1-30-003B-OU1.

Dear Ms. Fly:

The Department of the Navy submitted a report entitled "October 2009 Quarterly Data Summary Report, Indoor air and SSD Monitoring." This report covers soil vapor sampling associated with the homes and neighborhood directly east of Plant 3 Site 1 of the Naval Weapons Industrial Reserve Plant Site. This report has been reviewed by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). The NYSDOH comment letter is enclosed for your information.

Please contact me directly if you have any questions at 518-402-9620.

Sincerely,



Steven M. Scharf, P.E.
Project Engineer
Division of Environmental Remediation
Bureau of Remedial Action A

Enclosure

ecc: J. Swartwout/S. Scharf/File (via E-mail)
W. Parish, Region 1 (via E-mail)
J. Nealon, NYSDOH (via E-mail)
J. Defranco NCDH (via E-mail)
D. Brayack, TTNUS (via E-mail)



STATE OF NEW YORK DEPARTMENT OF HEALTH

Flanigan Square 547 River Street Troy, New York 12180-2216

Richard F. Daines, M.D.
Commissioner

James W. Clyne, Jr.
Executive Deputy Commissioner

December 1, 2009

Mr. Steven Scharf
Division of Environmental Remediation
NYS Dept of Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: Quarterly Data Summary Report
NWIRP
Site #130003B
Old Bethpage, Nassau County

Dear Mr. Scharf:

I reviewed the October 2009 Quarterly Data Summary Report for the Naval Weapons Industrial Reserve Plant (NWIRP) site in Bethpage, Nassau County. I have the following comments:

1. According to the Tables 4-2, 4-3 and 4-5, the indoor air of these residences was still impacted with trichloroethene (TCE) above the air guideline of 5 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) after the sub-slab depressurization systems (SSDSs) were in place. The cause of the air guideline exceedances has yet to be determined. Temporary measures such as use of the air purification units (APUs) should be continued pending the results of an evaluation of additional indoor air sampling described below. In addition, to evaluate if use of APUs can be stopped and other measures that were taken have been effective, indoor air and ambient air samples should be collected. Since these homes currently have SSDSs, no subslab sample is needed at this time, however, a system check, (e.g. negative pressure under the entire home or structure) should be conducted.
2. For the homes that currently have only APUs and no SSDSs operating, until the soil vapor extraction system is in place, soil vapor intrusion sampling (i.e., subslab, indoor air and ambient air) should continue to confirm indoor air quality is not threatened or affected by contaminated soil vapor.

Thank you for the opportunity to review this report. If you have any questions, please call me at (518) 402-7880.

Sincerely,



Jacquelyn Nealon
Public Health Specialist III
Bureau of Environmental Exposure Investigation

ec: G. Litwin/M. VanValkenburg/File
J. Swartwout
J. DeFranco
W. Parish
B. Devine