

**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/MD

August 27, 2002

Mr. Douglas Poczé
Remedial Project Manager
U.S. Environmental Protection Agency
Federal Facilities Section (18th Floor)
290 Broadway
New York, New York 10007-1866

Dear Mr. Poczé:

SUBJECT: Preliminary Assessment/Site Inspection Results
Site 47 Naval Weapons Station Earle, Colts Neck, New
Jersey

At the request of the Navy, EA Engineering, Science, and Technology performed Preliminary Assessment and Site Inspection (PA/SI) activities at Site 47, the former Pesticide Shop. The site is located within the boundaries of Naval Weapons Station Earle in Colts Neck, New Jersey.

The objectives of the PA/SI activities were as follows:

- To complete an assessment of the significance of slight exceedances of pesticide standards in groundwater beneath Site 47, the former Pesticide Shop. These exceedances were observed prior to completion of a removal action in this area. The purpose of the additional site inspection was to assess whether the exceedances had been mitigated by completion of the removal action. A preliminary assessment was not required or performed for site 47.
- To collect groundwater grab samples via direct push sampling technology at 3 locations at Site 47, including those at which historical exceedances of ground-water quality standards were observed.

Analytical data, field procedures, and other information specific to field activities are presented in the PA/SI Report (EA 2002), submitted under separate cover.

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Based on the results of these activities, pesticides were not detected in groundwater at concentrations that exceed New Jersey Category IIA Ground Water Quality Criteria. Endosulfan I, the constituent of concern previously identified in groundwater beneath Site 47 during the removal action, was not detected in any of the 3 samples. As such, no significant impacts to groundwater are present and no further action is warranted at Site 47.

If you should have any technical comments or concerns with this decision please contact Michele DiGeambeardino at (610) 595-0567 extension 117.

A concurrence letter would be appreciated if there were no further comments.

Sincerely,



ROBERT F. LEWANDOWSKI, P.E.
Head, Restoration Delaware Valley Branch
By direction of the
Commanding Officer

Copy to:
R. Marcolina, NJDEP
L. Burg, NWS Earle
C. Kerlish, EA