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NJDEP COMMENTS ON REPORT

Let's protect our earth.



## State of New Jersey

## DEPARTMENT OF ENVIRONMENTAL PROTECTION

## DIVISION OF HAZARDOUS WASTE MANAGEMENT

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CERTIFIED MAILRETURN RECEIPT REQUESTEDNO. P-605 781 295

MAR 09 1989

Ms. Alida Karas  
USEPA, Region II  
Site Investigation Section  
Room 2230  
26 Federal Plaza  
New York, NY 10278

Dear Ms. Karas:

Re: Naval Weapons Station Earle  
Additional Comments on Report of Current Situation  
and Draft Plan of Action

The New Jersey Department of Environmental Protection (NJDEP) has the following additional comments on the above referenced report:

1. A large scale site map with a layout of the facility should be developed. This site map should include but not be limited to the following:

- a. property boundaries
- b. structures and improvements
- c. surface water bodies
- d. topography indicating two foot contours or an appropriate site contour scale
- e. underground piping and utilities
- f. all underground tanks, associated piping, lagoons, landfills, etc.
- g. scale and orientation

2. While the contractor will be tasked to identify applicable and relevant or appropriate requirements (ARARs), the final determination of site specific soil and ground water ARARs will be the responsibility of the NJDEP and the USEPA.

3. Upon thorough review of the document, the NJDEP has determined that several of the proposed monitor well locations may not properly monitor past site activities so as to best serve the remedial investigation.

11 BEES PROVIDED  
STATE.

Therefore, the NJDEP shall propose to adjust these locations in a discussion at the March 13, 1988 TRC meeting.

4. Slug tests have a limited radius of influence often extending only to the limits of the gravel pack. To adequately evaluate the permeability of the site soils and to determine an acceptable pumping rate for a future ground water recovery system, an aquifer pumping test is needed. An aquifer pump test will also provide data to determine other aquifer parameters such as transmissivity and storativity.
5. Confirm all ground water flow directions at the eleven (11) target sites by the following:
  - a. Confirm that all wells were surveyed by a New Jersey Licensed Land Surveyor to the nearest hundredth (0.01) foot above mean sea level and horizontally to an accuracy of one-tenth of a second latitude and longitude.
  - b. Tabulate existing ground water level data for each site and monitor well.
  - c. For each site, contour the ground water level data and confirm flow directions based upon these contours.
  - d. Provide tabulated data and ground water contour data to the NJDEP and USEPA for review.

Should you require further clarification of these comments, please contact me at (609) 633-0701.

Sincerely,



Frank Faranca, Case Manager  
Bureau of Federal Case Management

SW

- c. Linda Welcom, DWR/BGWPA  
John Boyer, DHSM/BEERA