



State of New Jersey

Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

OCT 03 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO: Z 749 643 760

John Kolicius
Project Manager
Naval Facilities Engineering Command
10 Industrial Highway
Code 1821, Mail Stop 82
Lester, PA 19113-2090

Re: Site 20 Engineering Evaluation/Cost Analysis
Naval Weapons Station Earle
Colts Neck Township, Monmouth County

Dear Mr. Kolicius:

The New Jersey Department of Environmental Protection and Energy (NJDEPE) has reviewed the above referenced document submitted by you on September 20, 1994. The Department is in agreement with NortDiv's conclusions and the chosen remedial alternative to address this site. The Department has provided the following section specific comments for your consideration:

- 1) Section 6.0 - Reword "post excavation sampling and backfilling" to "removal action"
- 2) Section 6.0, last paragraph - this paragraph should be more general regarding the cleanup criteria, for example, "the site will be remediated to applicable soil and sediment remediation criteria".
- 3) As per the "Technical Requirements for Site Remediation" once this removal action has taken place, a remedial action report is required to describe all removal, disposal and sampling activities.

If you have any questions regarding this correspondence, please contact me at (609)-633-1455.

Sincerely,

Handwritten signature of Bob Marcolina in cursive.
Bob Marcolina, Case Manager
Bureau of Federal Case Management

c. Linda Welkom, DPF SR/BGWPA
Kenneth Petrone, DPF SR/BEERA
Jeff Gratz, EPA

*NWS Earle Copy
to Monmouth County
Library 10/07/94*

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**ACTION MEMORANDUM
SITE 20, BLASTING GRIT AREA**

I. PURPOSE

The purpose of this Action Memorandum is to request and document approval of the proposed removal and disposal action described herein for Site 20, Blasting Grit Area at the Naval Weapons Station (NWPNSTA) Earle, located in Monmouth County, New Jersey. It is one of three major ammunition activities serving fleet units on the East Coast. NWPNSTA Earle is composed of two major land areas, the Mainside and Waterfront, connected by a 15-mile long road and right-of-way. The total area of the Station is 11,118 acres. Removal will be performed by NWPNSTA Earle, New Jersey Public Works Department personnel under supervision of a training contractor. A list of station personnel and the name of the contractor is enclosed.

II. SITE CONDITIONS AND BACKGROUND

A. Site Description

1. Removal site evaluation

Surface drainage at the site discharges to a potentially critical wetlands area by way of a shallow drainage ditch. The objective of this removal and disposal action is to minimize the threat to this potentially critical area by removing an obvious source of contamination.

2. Physical location

The site is referred to as Site 20: Blasting Grit Area at Building 544 NWPNSTA Earle, N.J. Site 20 consists of a large metal frame building that is surrounded on three sides by approximately 20 foot high mounds of crushed stone, a small pile of blasting grit (approximately 10 feet in diameter and 1 foot high) and a shallow grass-covered drainage depression. The site is located in the ordnance area and requires a valid permit for entry. Building 544 was used to refurbish ordnance. Site 20 is shown in Figure 1 of this report.

3. Site characteristics

This site has not been used for any disposal other than the subject blasting grit and the contaminants associated with the paint removed by the grit. These contaminants would be metals and semi-volatiles. Elevated levels of chromium, copper, nickel, lead and zinc were found during the Site Investigation. Any volatiles associated with the paint would have evaporated during drying or would have been released during the blasting process. The removal action will not impact any NWPNSTA activities.