



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

February 16, 1996

CERTIFIED MAIL Z 075 010 996
RETURN RECEIPT REQUESTED

DRP-8J

Mr. G. K. Hill, Deputy Director
Public Works Directorate
Department of the Navy
Naval Surface Warfare Center
300 Highway 361
Crane, Indiana 47522-5001

RE: Interim Measures Report
Revegetation Activities
Ammunition Burning Grounds
Naval Surface Warfare Center
Crane, Indiana
IN5 170 023 498

Dear Mr. Hill:

The United States Environmental Protection Agency (U.S. EPA) has reviewed the Interim Measures Report for Revegetation for Erosion Control at the Ammunition Burning Grounds, dated October 13, 1995. We hereby approve the report with the following minor modifications:

1. Page 3, Paragraph 1, Sentence 3.

Change: "...conducted under an interim status permit...."
To: "...conducted under interim status...."

2. Page 3, Paragraph 1, Sentence 4.

Change: "...for a subpart X permit for...."
To: "...for a subpart X operating permit for...."

The Navy must continue to monitor the vegetation progress as addressed in the conclusions to the Interim Measures Report. An annual report should be submitted at the end of the calendar year (December 30th) to update the progress of the stabilization measure and address any corrective measures implemented during the year to control erosion or vegetation problems. A long-term maintenance program must be addressed within the context of the Subpart X permit application.

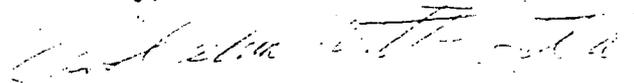
In the Erosion Control Plan: Interpretive Summary, dated July 1992, the Department of the Army Waterways Experiment Station recommended several additional measures to control the area. These included: Fire Control; Control of Surface Run-off from Burning Box Area; Wetland Creation; and Vegetation Maintenance.

Vegetation maintenance is required as a part of this Corrective Action Interim Measure in order to assure the success of the erosion control method. The Navy must self-implement an appropriate maintenance program for the area. A long-term program shall be address in the context of permit requirements for the area. Fire Control should also be implemented like the vegetative maintenance program.

As a part of the Corrective Measures Study that will be implemented once the risk assessment is approved, and concurrently with the ground water/surface water remediation planning, the Navy should evaluate and address the recommendations of further run-off controls and wetland creation. These proposals need to be coordinated with the other investigations and cleanups at the unit. The Navy must propose a schedule, and submit it to the U.S. EPA within 60 days, as to how these additional measures will be evaluated and potentially implemented.

If you have any questions regarding this matter, please contact me at (312) 886-6146.

Sincerely,



Carol Ann Witt-Smith
Corrective Action Expert
WMB, IL/IN/MI Section

cc: Tom Linson, IDEM
Mike Sickels, IDEM
Brian Von Gunten, IDEM BRAC
Jim Hunsicker, NSWC
Tom Brent, NSWC
Adrienne Wilson, SOUTHDIV