



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

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REPLY TO THE ATTENTION OF:

DRP-8J

November 4, 1996

Mr. Jim Hunsicker, Director
Environmental Protection Department
Department of the Navy
Crane Division
Naval Surface Warfare Center
300 Highway 361
Crane, Indiana 47522-5000

RE: Cap Redesign
Dye Burial Grounds
Naval Surface Warfare Center
Crane, Indiana
IN5 170 023 498

Dear Mr. Hunsicker:

The purpose of this letter is to follow-up on my verbal approval on October 15, 1996, of the preliminary cap redesign plan and re-initiation of field work for the dye burial grounds interim measure, dated October 10, 1996. It is my understanding that the following changes shall happen:

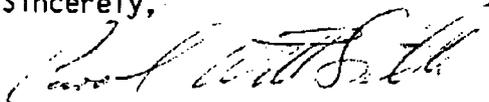
1. The dye trenches (purple and yellow/blue) on the far west end of the project area will be removed and consolidated within the main trench area.
2. The trenches on the far north end (red) shall also be moved and consolidated. This consolidation activity is authorized as a Corrective Action requirement.
3. The previously approved cap shall be extended to the north approximately 60-80 feet, and will extend far enough to cover the northern line of newly discovered trenches (teal, green, part of the red) (See attached map).
4. Monitoring Well 5057 shall be covered by the cap and the contractor shall design a sleeve system in order to still maintain use of the well.
5. All dye materials during excavation shall be removed so that there is a 5 to 10 foot "clean" buffer from at least the anchor trench area, or further inward as necessary to maintain the cap above the waste material.

6. Any tree roots that appear to be contaminated with dye shall be spread around under the capped area so that no significant slumping is expected after decomposition of the nature material.
7. A 6 inch daily cover shall be used on top of exposed wastes if rain is expected.

I spoke briefly to the U.S. Fish and Wildlife Service to make them aware that our cap is being extended and that more trees would have to be removed. We shall keep them informed of the progress of our activities.

Our Agency is happy to see the quick response to re-initiation of the field work and the intent of the Navy to try and get the cap constructed before winter. If you have any questions regarding this matter, please contact me at (312) 886-6146.

Sincerely,



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

cc: Tom Linson, IDEM
Mike Sickels, IDEM
Tom Brent, USN
Steve Downey, MK
Adrienne Wilson, SOUTH DIV
Cindy Chaffe, U.S. F&WS

