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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION 5**  
**230 SOUTH DEARBORN ST.**  
**CHICAGO, ILLINOIS 60604**

JUL 13 1990

REPLY TO THE ATTENTION OF:  
SHR-JCK-13

CERTIFIED MAIL (P 352 932 394)  
RETURN RECEIPT REQUESTED

Commander M. L. Frey, CEC, USN  
Public Works Officer  
Department of the Navy (5090/H1.5.1, 0924)  
Naval Weapons Support Center  
Crane, Indiana 47522-5000

RE: ABG Draft Technical Report  
Dye Trace of Beech Creek Aquifer  
Naval Weapons Support Center  
Crane, Indiana  
IN5 170 023 498

Dear Commander Frey:

The United States Environmental Protection Agency (U.S. EPA) has reviewed your Draft Technical Report, Dye Trace of Beech Creek Aquifer, Ammunition Burning Grounds (ABG), for the above referenced facility, dated May 1990. We hereby approve the draft report with the modifications addressed in Attachment I. We would also like to encourage more use of photographic documentation in the next test. This will help make a complete and accurate record of the event.

Please submit the final report, addressing the U.S. EPA's modifications, to this office within 45 days of the date of this letter. (27 Aug 90)

If you have any questions regarding this matter, please contact Ms. Carol Witt-Smith of my staff, at (312) 886-6146 for assistance.

Sincerely,

*Lisa A. Pierard*

Lisa A. Pierard  
Acting Chief  
RCRA Permitting Branch

Enclosure

cc: Jim Hunsicker, USNC  
Jeff Ciocco, North NAVFACENCOM  
Bill Murphy, WES  
Dan Sparks, U.S. Fish & Wildlife Services  
Tom Linson, IDEM

Attachment I

Modifications to the ABG Draft Technical Report  
Dye Trace of Beech Creek Aquifer  
Naval Weapons Support Center

1. Page 4, paragraph number 9, line 4  
Change "Appendix 1" to "Appendix 2."
2. Page 4, paragraph number 10, line 2  
Change "RCRA Part B permit" to "RCRA storage permit."
3. Page 4, paragraph number 10, line 4  
Delete the "s" at the end of Action.
4. Page 4, paragraph number 10, line 19  
Change "Part B" to "storage." Delete "The" at the beginning of the new sentence.
5. Page 4, paragraph number 10, line 21  
Change "an" to "a." Change "40 CFR Part 264 Subpart X" to "operating."
6. Page 5, paragraph number 10, line 1  
Add at the beginning of the line, "the following Subpart X units: the"
7. Page 5, paragraph number 10, line 2  
Add "the" before Demolition and Old. Change "SWMUs" to "which are also considered SWMUs."
8. Page 6, paragraph number 14, line 6  
Change "a closure permit" to "a RCRA closure plan."
9. Page 16, paragraph number 35, line 19  
Clarify that the sinking stream is a karst feature, but sediments prevented the site from being an injection point. And, that the underground entry was not close enough to the ABG area to represent source migration.
10. Figure 21  
The use of photography to show the color difference is a very good idea. If this method is used in the future, we recommend that sample IDs be apparent within the photograph.