



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

N00164.AR.000431
NSWC CRANE
5090.3a

REPLY TO THE ATTENTION OF

June 8, 1999

DW-8J

Mr. Thomas Brent
Environmental Protection Department
Code 095
Naval Surface Warfare Center
300 Highway 361
Crane, Indiana 47522

RE: RFI Phase II GW Report Approval
SWMU 06/09 Demo
Phase III GW SWMU 07/09 ORR
Naval Surface Warfare Center
Crane, Indiana

Dear Mr. Brent:

The United States Environmental Protection Agency (U.S. EPA) hereby approves the final report: RCRA Facility Investigation (RFI) Phase II Ground Water Release Assessment for SWMU 06/09 Demolition Range, and Phase III Ground Water Release Characterization for SWMU 07/09 Old Rifle Range, dated August 1998. The report indicated that there is a metals problem in the active range area. The U.S. Navy recently proposed an investigation to define the accuracy of these findings, and to delineate the hot spot if confirmed at the Demolition Range. The report also indicates that the ground water at ORR is contaminated. Further compliance and corrective action programs are defined in the permit application and approved ground water plans and quality assurance plans. The Navy should continue monitoring using the approved plans until permit issuance if the permit is not issued this year (1999).

The U.S. Navy performed a risk assessment for this area. They are also planning an RFI for soil at the backstop areas which were not previously investigated since they were considered "inactive ranges." Improvements in operational containment would also help to reduce ground water contaminant sources.

Scheduling and funding for this site should remain a high priority, since ground water impacts at this unit are a priority for the U.S. EPA meeting its environmental indicators. 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

Filename: appdwdemoorr.usn

CC: Core Team Members: Bill Gates, SOUTHDIV
Christine Freeman, NSWC
Phil Keith, NSWC
Doug Johnson, CAAA
E.P. Johns, SOUTHDIV
Michelle Timmerman, IDEM
Peter Ramanauskas, WMB

Project Team Members: Allen Debus, WMB
James May, ACOE-WES
Mario Mangino, WMB
George Bollweg, WMB
Dan Mazur, WMB
Meagan Smith, WMB

Management Team Members: Jim Ferro, SOUTHDIV
Jim Hunsicker, NSWC
Hak Cho, USEPA
Tom Linson, IDEM