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

REPLY TO THE ATTENTION OF:

HRP-8J

MAR 27 1992

Express Mail

Mr. William C. Schrock
Remedial Project Manager
Department of the Navy
Northern Division
Building 77 Low Code 142
Philadelphia, Pennsylvania 19112

RE: Ground Water Parameter List
Naval Weapons Support Center
Crane, Indiana
IN5 170 023 498

Dear Mr. Schrock:

The United States Environmental Protection Agency (U.S. EPA) has reviewed your March 12, 1992, request to reduce the Appendix IX ground water parameter list for the Dye Burial Grounds, the Demolition Range, the Old Rifle Range, and the Rockeye Site Solid Waste Management Units (SWMUs).

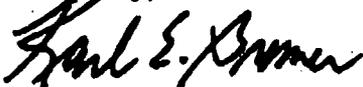
The U.S. EPA is approving the reduction of parameters because three rounds of a modified Appendix IX analytical list have been completed to verify if there is contamination or not, and to reduce costs associated with monitoring over 100 wells. The fourth and fifth rounds of sampling for these SWMUs shall include all parameters that have shown detectable levels.

The Navy must assure that if ground water protection standards are established, based on the reduced list, that the previous data showing non-detects, were valid. Because a Quality Assurance Plan was not approved before sampling began, the data must be validated to be acceptable. The U.S. EPA shall begin data validation procedures on the above mentioned three rounds, instead of waiting for all the data and the draft report.

The Navy is also requesting to delete the fifth round of sampling. The fifth round is used to establish a statistical evaluation compared to four rounds of background data. Because the permit requires five rounds of sampling, a formal permit modification would have to be requested to delete a sampling event.

The U.S. EPA will inform the Navy of our interpretation of the quality of the data as it becomes available. If you have any questions regarding this matter, please contact Ms. Carol Witt-Smith at (312) 886-6146.

Sincerely,



Karl E. Bremer, Chief
RCRA Permitting Branch

cc: Tom Linson, IDEM
Commander Hays, USMC
Jim Hunsicker, USMC
Tom Brent, USMC
Bill Murphy, USAE-WES