



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

MAR 22 1996

REPLY TO THE ATTENTION OF:

DRP-8J

Mr. Thomas Brent
Code 5090 SER 095/U5273
Department of the Navy
Naval Surface Warfare Center
300 Highway 361
Crane, Indiana 47522-5001

RE: Interim Measure
Confirmation Sampling
Sludge Drying Bed B, SWMU 24/00
Naval Surface Warfare Center
Crane, Indiana
IN5 170 023 498

Dear Mr. Brent:

The United States Environmental Protection Agency (U.S. EPA) has reviewed your Sludge Drying Bed B Confirmatory Sampling Results faxed to the Agency on February 29, 1996. We have compared the sample results to the Region 5 Data Quality Limits and the Region 9 Preliminary Remedial Goals and find the samples at an acceptable level below the long-term exposure criteria (see attached table). Therefore, the Navy may consider the excavation complete and the area may be backfilled. Once the removal activities have been completed, the Navy must submit an Interim Measure Report detailing the implementation of the removal.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Carol Witt-Smith".

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

cc: Tom Linson,, IDEM
Adrienne Wilson, SOUTH DIV
G.K. Hill, NSWC
Jim Hunsicker, NSWC
Mario Mangino, WMB
Colleen Olsberg, WMB
James May, USACE
Brian VanGunten, IDEM BRAC

Table 1
Confirmation Sampling Result Evaluation
Sludge Drying Bed B, SWMU 24/00

Sample Depth: 5 feet below surface

Future Use: None planned. Backfilling, seeding area and leaving in natural state.

Sample #	Constituent	Conc. (ppb)	Lab Qual	Conc. vs.DQL <=>	DQL (ppb)
24/00-073	Methylene Chloride	3.0	JB	<	11,000 ca
24/00-072	Methylene Chloride	3.0	JB	<	11,000 ca
24/00-071	Methylene Chloride	3.0	JB	<	11,000 ca
24/00-070	Methylene Chloride	4.0	JB	<	11,000 ca
24/00-069	Methylene Chloride	3.0	JB	<	11,000 ca
24/00-073	Acetone	13.0	—	<	2,000,000 nca
24/00-070	Acetone	7.0	J	<	2,000,000 nca
24/00-069	Acetone	12.0	—	<	2,000,000 nca
24/00-073	2,4-D	8.4	JB	<	650,000 nca
24/00-073	2,4,5-TP (Silvex)*	1.3	JPB	<	520,000 nca
24/00-071	2,4,5-TP (Silvex)	0.8	JPB	<	520,000 nca
24/00-070	2,4,5-TP (Silvex)	0.9	JPB	<	520,000 nca
24/00-073	2,4,5-T	1.4	JPB	<	650,000 nca
24/00-072	2,4,5-T	1.5	JPB	<	650,000 nca
24/00-071	2,4,5-T	1.5	JPB	<	650,000 nca
24/00-070	2,4,5-T	1.5	JPB	<	650,000 nca
24/00-069	2,4,5-T	0.9	JPB	<	650,000 nca
24/00-073	Sulfotepp	4.5	J	<	33,000 nca
24/00-072	Sulfotepp	4.0	J	<	33,000 nca
24/00-070	Dimethoate	3.4	J	<	13,000 nca

* (2-(2,4,5-Trichlorophenoxy) proprionic acid)

** Tetraethyl Dithiopyrophosphate