



DEPARTMENT OF THE NAVY
CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 361
CRANE, INDIANA 47522-5001

N00164.AR.000558
NSWC CRANE
5090.3a

IN REPLY REFER TO

5090
Ser 095/0134

23 JUN 2000

U.S. Environmental Protection Agency, Region V
Waste, Pesticides, & Toxics Division
Waste Management Branch
Illinois, Indiana, and Michigan Section
ATTN: Mr. Peter Ramanauskas (DW-8J)
77 West Jackson Blvd.
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center (NAVSURFWARCENDIV Crane) submits the response to the additional EPA comment regarding the Addendum to the Interim Measures Report for Solid Waste Management Unit 16/16 (Building 146 Area). Three copies of the response are submitted as enclosure (1). The permit required Certification Statement is provided as enclosure (2).

NAVSURFWARCENDIV Crane point of contact is Mr. Thomas J. Brent, Code 09510, telephone 812-854-6160.

Sincerely,

James M. Hunsicker
Director, Environmental
Protection Department
By direction of the Commander

Encl:

- (1) Response to Addendum #1 Comment
- (2) Certification Statement

Copy to:
ADMINISTRATIVE RECORD
SOUTHNAVFACENGCOM (Code 1864) (w/o encl)
IDEM (Doug Griffin)
MK (Alan Fosdick) (w/o encl)

COMMENT-RESOLUTION

**ADDENDUM # 1
INTERIM MEASURES REPORT, SWMU 16/16
CAST HIGH EXPLOSIVES/INCINERATOR BUILDING 146 AREA**

REVISION 1, DATED DECEMBER 1999

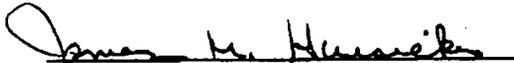
COMMENT 1: There was a broken sewer line which allowed water to enter the west sump inlet (Addendum #1 Report Sections 3.4.1. & 3.4.2.). On page C-13 of the Addendum#1 report, we see the ends of the sewer pipeline along with the 6 inch hole in the sump pipe. The photos on pages C-14 & C-15 show the repairs on the sewer pipe. How was the hole in the sump pipe repaired? Upon excavation and discovery of the broken pipes, were any soil samples taken from the area?

RESPONSE 1: Repair work was performed in July 1996. Field records obtained during these operations do not specifically address the manner in which the sump pipe hole was repaired. However, from the photographs shown on pages C-14 and C-15, no excavation of the sump pipe took place, however there appears to be a barrier between the sewer pipe clamp and the sump pipe below. It is surmised that a rubber patch was used to repair the sump pipe.

Samples were not taken from the excavation itself. Sampling in this area was performed in an attempt to locate the source of the TCE and the source of the extra water flowing into the sumps. Numerous geoprobe samples were taken in this area previous to the repair. Results of the geoprobe samples are contained in Appendix D Table 4.

No changes have been made to the text of this report

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


SIGNATURE

Env. Prot. Dept. Mg.
TITLE

6/23/00
DATE