



DEPARTMENT OF THE NAVY

CRANE DIVISION  
NAVAL SURFACE WARFARE CENTER  
300 HIGHWAY 381  
CRANE, INDIANA 47522-5000

N00164.AR.000493  
NSWC CRANE  
5090.3a

IN REPLY REFER TO:

5090  
Ser 095/9219

02 DEC 1988

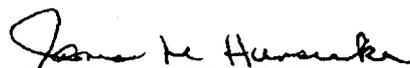
U.S. Environmental Protection Agency, Region V  
Waste, Pesticides, & Toxics Division  
Waste Management Branch  
Illinois, Indiana, and Michigan Section  
Attn: Mr. Peter Ramanauskas (DW-8J)  
77 West Jackson Blvd.  
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center (NAVSURFWARCENDIV Crane) submits for review, per your approval with comments, two (2) copies of the Response to Comments and Replacement Pages for the Final Interim Measures Report (IMR) for Solid Waste Management Unit (SWMU) 25/07D - Highway 58 Dump Site A as enclosure (1). The required certification statement is included as enclosure (2).

NAVSURFWARCENDIV Crane point of contact is  
Ms. Christine D. Freeman, Code 09511, telephone 812-854-4423.

Sincerely,

  
JAMES M. HUNSICKER, DIRECTOR  
ENVIRONMENTAL PROTECTION DEPARTMENT  
BY DIRECTION OF THE COMMANDER

Encls:

- (1) Response to Comments/Replacement Pages for IMR SWMU 25/07D
- (2) Certification Statement

Copy to: (w/o encls)  
ADMINISTRATIVE RECORD (w/encls)  
MK CLEVELAND  
SOUTHNAVFACENGCOM (Code 1864)  
TOLTEST CRANE

**NSWC Crane, Crane, Indiana  
Voluntary Interim Measures Report**

**SWMU # 25/07D  
HWY 58 Dump Site A**

**RESPONSE TO COMMENTS**

*Commentor: Peter Ramanauskas, US EPA Region V*

**COMMENT 1:** Table 3-3, pg 3-5: I couldn't find an explanation for the SVOCs detected in exceedance of the IM Cleanup Levels in Confirmation Sample 25/07D-013. Was there any concern that there are VOC/SVOCs in the area of that sample location ?

**RESPONSE 1:** SWMU 25 is located adjacent to Highway 58 and was found to contain miscellaneous construction debris including transite siding and pipe, various sizes of concrete pipe and block, metal cans, caps, drums, blocks of roofing tar, chunks of cast concrete, metal pipe, cast metal drains, and electrical porcelain insulators. Due to the presence of the types of material found, it is expected that PAHs would be present in the samples.

One sample 25/07D-013 was found to have seven Polynuclear Aromatic Hydrocarbons (PAHs) detected in exceedance of the IM Cleanup Levels. Concentrations of these PAHs ranged from 0.46 mg/kg to 3.9 mg/kg.

Excavation of the materials was initiated, however, it could not be completed due to the proximity of the excavation to Highway 58. Additional debris discovered during this interim measure was left in place since it may have been used as backfill to support the roadway (Highway 58).

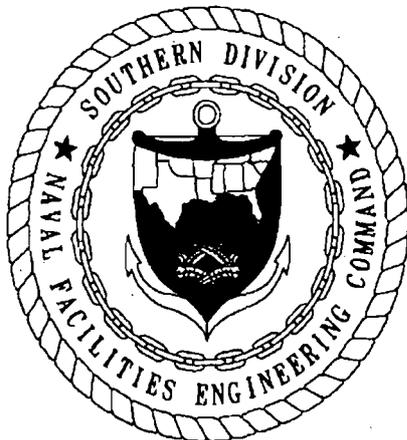
Since the nature of the materials found consisted primarily of construction debris and did not pose an immediate threat to human health, the excavation terminated so that the integrity of the roadway would not be compromised until such time that the site could be fully characterized and delineation of the area requiring remedial activities could be determined.

**NSWC Crane, Crane, Indiana  
Voluntary Interim Measures Report**

**SWMU # 25/07D  
HWY 58 Dump Site A**

**ERRATA SHEET**

1. Remove cover and spine label from Volume 1 and 2 binders dated February, 1997 and discard. Replace with Green Final covers and spine labels dated November, 1999.
2. Remove title page and signature page dated February, 1997 from Volume 1 and replace with Final cover and signature page dated November, 1999. Remove title page from Volume 2 and replace with Final cover page dated November, 1999.
3. Remove Figure 4-1 dated 11/20/96 and replace with revised drawing, Figure 4-1 which provides the area of excavation, backfill, and mulching.



**FINAL**

Interim Measures Report  
SWMU - 25/07D  
Highway 58 Dump Site A

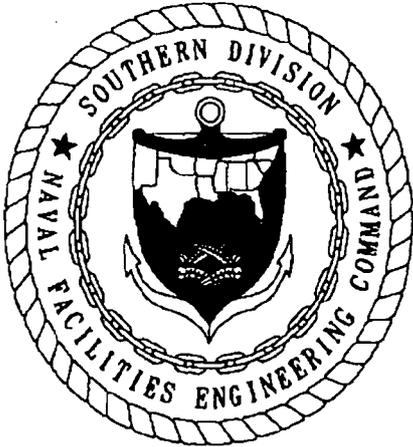
Volume 1

NSWC Crane  
Crane, Indiana

Unit Identification Code: N00164  
Contract No. N62467-93-D-1106

November, 1999

**Southern Division  
Naval Facilities Engineering Command  
North Charleston, South Carolina  
29419-9010**



**FINAL**

**Interim Measures Report  
SWMU - 25/07D  
Highway 58 Dump Site A**

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**INTERIM MEASURES REPORT  
SWMU - 25/07D  
Highway 58 Dump Site A**

**NSWC CRANE  
CRANE, INDIANA**

**Volume 1**

**November, 1999**

**CONTRACT N62467-93-D-1106  
DELIVERY ORDER #0009  
STATEMENT OF WORK #007**

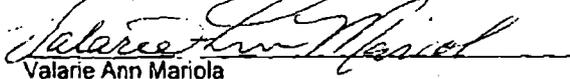
*Prepared for*

**SOUTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
2155 Eagle Drive  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010**

*Prepared by:*

**MORRISON KNUDSEN CORPORATION  
2420 Mall Drive  
Corporate Square 1 - Suite 211  
North Charleston, South Carolina 29406**

**PREPARED/APPROVED BY:**

  
Valerie Ann Mariola  
MK Project Engineer

11/19/99  
Date

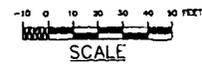
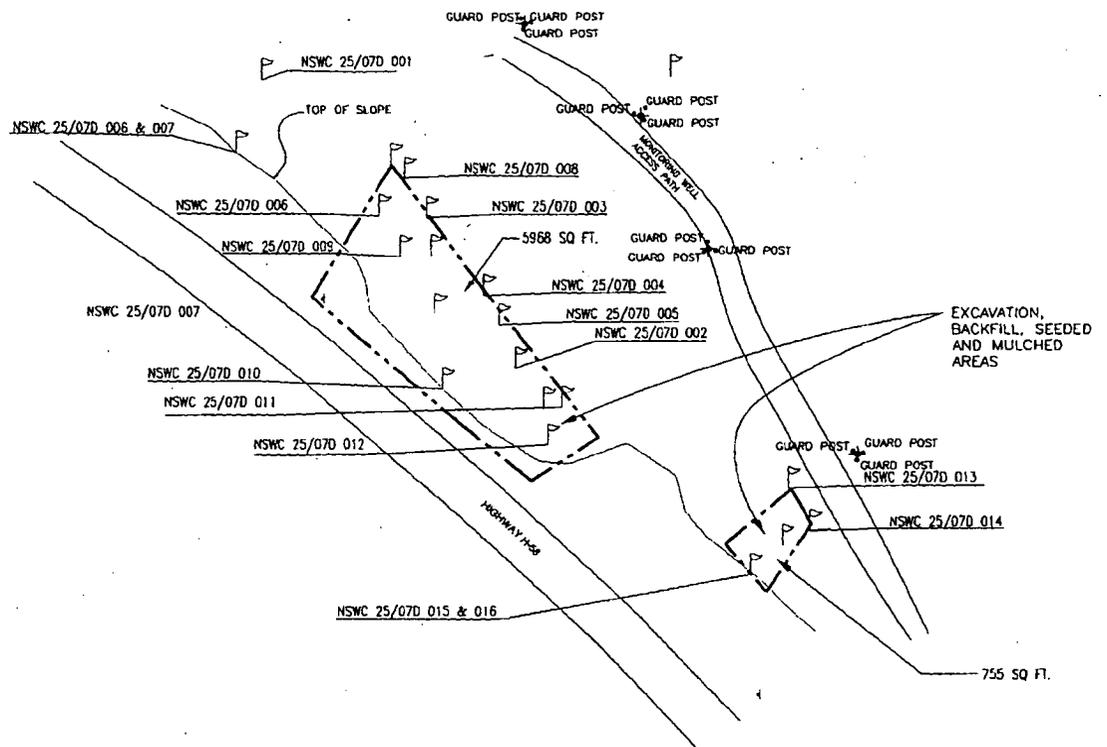
**APPROVALS:**

  
Alan Fosdick  
MK Program Manager

11/23/99  
Date



- LEGEND**
- SAMPLE LOCATION
  - GUARD POST
  - MONITORING WELL
  - SIGN



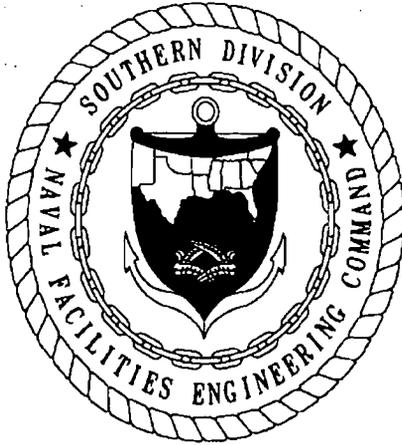
HIGHWAY 58  
DUMPSITE A  
NSWC CRANE  
CRANE, INDIANA

REV	DATE	ADD'D CONSTRUCTION AREA	APPROVED
1	11/17/96		

MORRISON KNUDSEN CORPORATION  
ENVIRONMENTAL SERVICES

FIGURE 4-1  
SAMPLE LOCATIONS

SOURCE: MSE CORPORATION, 1996      DWG DATE: 11/20/96      FILE NAME: DUMPA.DWG



**FINAL**

Interim Measures Report  
SWMU - 25/07D  
Highway 58 Dump Site A

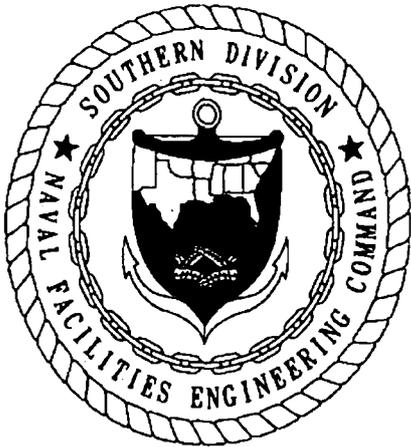
Volume 2

NSWC Crane  
Crane, Indiana

Unit Identification Code: N00164  
Contract No. N62467-93-D-1106

November, 1999

**Southern Division  
Naval Facilities Engineering Command  
North Charleston, South Carolina  
29419-9010**



**FINAL**

**Interim Measures Report  
SWMU - 25/07D  
Highway 58 Dump Site A**

**Volume 2**

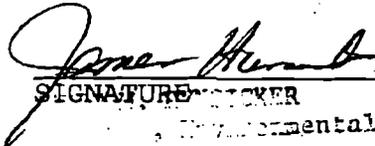
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Crane, Indiana**

**Unit Identification Code: N00164  
Contract No. N62467-93-D-1106**

**November, 1999**

**Southern Division  
Naval Facilities Engineering Command  
North Charleston, South Carolina  
29419-9010**

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

Environmental Protection Department

Director of

Commander

TITLE

12/2/99

DATE