



**DEPARTMENT OF THE NAVY**

CRANE DIVISION  
NAVAL SURFACE WARFARE CENTER  
300 HIGHWAY 361  
CRANE, INDIANA 47522-5001

N00164.AR.001165

NSWC CRANE

5090.3a

IN REPLY REFER TO:

5090/S4.7.3

Ser PRCR4/8208

1 AUG 2008

U.S. Environmental Protection Agency, Region V  
Waste, Pesticides, & Toxics Division  
Waste Management Branch  
Corrective Action Section LU-9J  
77 West Jackson Blvd.  
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center submits change pages for the Interim Measures Report (IMR) for the Old Pistol Range portion of the Old Rifle Range, Solid Waste Management Unit (SWMU) 7. The change pages, found as enclosure (1), are issued to update the Draft February 2008 IMR to Final. Responses to the U.S. EPA 16 June 2008 comments are presented as enclosure (2). The permit required Certification Statement is provided as enclosure (3).

If you require any further information, my point of contact is Mr. Thomas J. Brent, Code PRCR4-TB, at 812-854-6160, email thomas.brent@navy.mil.

Sincerely,

*J. M. Hunsicker*

J. M. HUNSICKER

Environmental Protection Mgr

By direction of the Commanding Officer

Enclosures: 1. Final SWMU 7 IMR Change Pages  
2. Responses to Comments  
3. Certification Statement

Copy to:

ADMINISTRATIVE RECORD

NAVFAC MW (Howard Hickey) (w/o encl)

IDEM (Doug Griffin)

TTNUS (Steve Ruffing) (w/o encl)

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.



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SIGNATURE

Environmental Protection Mgr  
\_\_\_\_\_  
TITLE

1 AUG 2008  
\_\_\_\_\_  
DATE

5090

Ser PRCR4/8208

1 August 2008

The letter SER PRCR4/8208 dated 8/1/08 was for the submittal of change pages to update the Draft Interim Measures Report for the Old Pistol Range, SWMU 07/09. The change pages were added to the draft report dated 2/21/08. making it the final report.

**RESPONSES TO U.S. EPA COMMENTS  
RECEIVED VIA E-MAIL FROM TOM BRENT ON JUNE 16, 2008  
ON  
INTERIM MEASURES REPORT  
FOR  
SWMU 7 – OLD RIFLE RANGE  
OLD PISTOL RANGE SITE  
NSWC CRANE  
CRANE, INDIANA**

U.S. EPA comments are shown in bold font. Responses to each comment are shown in regular font. Text changes to the report are shown in italic font enclosed in quotation marks within the response.

**1) Provide laboratory analytical verification sampling data on a CD.**

Laboratory data for all verification samples is presented on CD as Appendix D. Reference to this data has been added to the 1st sentence of the 2nd paragraph in Section 3.0 as follows:

*“Based on the results of confirmation sample analyses performed by the fixed-base laboratory (see Appendix.D), the residual soil...”*

**2) Define “NA” on Tables 2-1 and 2-2, and provide reasoning why fixed-base samples were not taken for associated sample locations.**

Tables 2-1 and 2-2 have been updated to include that “NA” equals not applicable for that particular sample. These samples were not selected for analysis at the fixed-base laboratory since the field XRF results indicated lead concentrations greater than the decision criteria of 400 mg/kg indicating additional soil excavation was warranted in that location. Additional soil was excavated until the XRF results were below 400 mg/kg at which time the sample was submitted for verification analyses at the fixed-base laboratory.

\*NOTE – The 3<sup>rd</sup> paragraph in Section 2.6 under **Range 1** incorrectly states that additional soil was excavated from the eastern walls in the grids where XRF results were greater than 400 mg/kg. The correct direction for additional soil excavation was along the western walls. This mistake has been corrected throughout the paragraph.