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

IN REPLY REFER TO

5090  
Ser. 095/0086

25 APR 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 (NAVSURFWARCEMIV Crane) submits for incorporation and final approval two (2) copies of the Response to April 6, 2000 E-mail Comment and Replacement Pages for the Audit Demonstration Report - Field Test Kits and Wiley Mill Riffle Splitter for Full Scale Bioremediation Operations included as enclosure (1). The required certification statement is included as enclosure (2).

NAVSURFWARCEMIV 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 Audit Demonstration Report - Field Test Kits & Wiley Mill Riffle Splitter
- (2) Certification Statement

Copy to:  
Administrative Record  
IDEM (D. Griffin)  
MK Cleveland (w/o encl)  
SOUTHNAVFACENGCOM (Code 1864) (w/o encl)  
TolTest Crane

**RESPONSE TO ADDITIONAL COMMENTS  
AUDIT DEMONSTRATION REPORT  
FIELD TEST KITS AND WILEY MILL RIFFLE SPLITTER  
DATED MARCH 2000  
FULL SCALE BIOREMEDIATION  
NAVAL SURFACE WARFARE CENTER CRANE, INDIANA**

*Commentor: Peter Ramanauskas, U.S. EPA Region V, April 2000*

**COMMENT 1:** Regarding the difference in Day Last for windrow S-005 between the Audit Demo report and the Quarterly Interim Progress Report (April - June 1998). Specifically, the Audit Demo report states that Day Last for S-005 is 28 days while the Quarterly Report pegs Day Last for S-005 at 15 days. Was the windrow allowed to sit for an additional 13 days for the purpose of doing the Audit Demonstration?

**RESPONSE 1:** Day Last for windrow S-005 occurred on June 18, 1998 which made the windrow 15 days old at the time of sample collection. The samples were held on site for purposes of air drying and performing the Wiley Mill Riffle Splitter demonstration. The samples were then shipped on July 1, 1998 to the laboratory by overnight shipment. When samples were received on July 2, the sampling date was inadvertently logged as the previous day since most samples are shipped to arrive the very next day at the laboratory. The July 1, 1998 date would have made the windrow 28 days old. Corrections have been made to the Audit Demonstration to reflect the 15 day windrow duration.

**Freeman Christine D CNIN**

**From:** Ramanauskas.Peter@epamail.epa.gov  
**Sent:** Thursday, April 06, 2000 2:39 PM  
**To:** freeman\_cd@crane.navy.mil  
**Subject:** Audit Demo Question

Hi Chris,

I've got a question regarding a difference in Day Last for windrow S-005 between the Audit Demo report and the Quarterly Interim Progress Report (April - June 1998). Specifically, the Audit Demo report states that Day Last for S-005 is 28 days while the Quarterly Report pegs Day Last for S-005 at 15 days. Was the windrow allowed to sit for an additional 13 days for the purpose of doing the Audit Demonstration?

Please explain when you have a moment.

Thanks!

Pete

**Audit Demonstration Report  
Field Test Kits and Wiley Mill/Riffle Splitter  
Full-Scale Bioremediation  
NSWC Crane, Crane, Indiana**

**ERRATA SHEET**

Additional e-mail comment from EPA has been addressed in the enclosed response to comments. The following pages incorporate changes made to the Audit Demonstration Report as a result of the EPA comment.

1. Remove binder cover and spine dated March 2000 Revision 1 and discard. Replace with attached "green-colored" binder cover and spine dated April 2000 Revision 2.
2. Remove inside cover and signature page and discard. Replace with attached cover and signature page dated April 19, 2000 Revision 2.
3. Remove Page 2-1 and discard. Replace with new pages 2-1 dated 4/19/00.
4. Remove page 2-4 and 2-5 and discard. Replace with new page 2-4 dated 4/19/00 and 2-5 dated 5/14/99.

5090

Ser 095/0086

25 APR 2000

The letter Ser 095/0086 was for the  
submittal of response to comments and  
replacement pages for the Bioremediation  
Audit Demonstration Report. The  
replacement pages have been incorporated  
into the previously submitted report on  
03/29/99.

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.

*James M. Hunsick*

\_\_\_\_\_  
SIGNATURE

DIRECTOR, ENVIRONMENTAL PROTECTION DEPARTMENT  
\_\_\_\_\_  
BY DIRECTION OF THE COMMANDER  
TITLE

*4/25/00*  
\_\_\_\_\_  
DATE

Enclosure (2)