



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

N00164.AR.000534
NSWC CRANE
5090.3a

IN REPLY REFER TO

5090
Ser 095/0089

28 APR 2001

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 incorporation and final approval two (2) copies of the Response to July 1998 & April 1999 E-mail Comments and Replacement Pages for the Quarterly Interim Progress Reports (IPR) for Full Scale Bioremediation Operations included 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 Quarterly IPR
7/98 & 4/99
- (2) Certification Statement

Copy to:

Administrative Record
IDEM (D. Griffin)
MK Cleveland (w/o encl)
SOUTHNAVFACENCOM (Code 1864) (w/o encl)
ToI Test Crane

RESPONSE TO COMMENTS
QUARTERLY INTERIM PROGRESS REPORT, OCTOBER- DECEMBER 1998
FULL-SCALE OPERATION OF EXPLOSIVES-CONTAMINATED SOIL
NSWC CRANE, CRANE, INDIANA
APRIL 1999

Commentor: Peter Ramanauskas, U.S. EPA, via e-mail dated 1/5/2000

COMMENT 1: In the report dated July 1998, Section 1.0, pg. 1, what was done with the soil from grid #135 where TPH was found at 454 ppm along with VOCs/SVOCs?

RESPONSE 1: Grid # 135 was not excavated. RDX levels in one sample of Grid 135 exceed industrial clean-up objectives, and therefore the grid should be excavated according to the specifications of the approved FS-QAPP and FS-OP. This soil would not be treated any differently than other soil from MFA which is stockpiled, composted, and returned to the excavation area as backfill in open excavation areas. Currently this grid, along with 16 other grids from MFA are on hold , pending the outcome of toxicity testing.

COMMENT 2: In the report dated April 1999, Section 2.3, page 6 mentions residential goals being met for all but Windrows 30 and 36. On page 8, however, it is stated that Windrows 28, 35, and 36 do not meet residential goals for RDX. Please correct this discrepancy.

RESPONSE 2: The windrows exceeding the residential levels for RDX are 28, 30, 35, and 36. The text on pages 6 and 8 have been revised to reflect this.

INSTRUCTIONS FOR REVISION
QUARTERLY INTERIM PROGRESS REPORT, OCTOBER - DECEMBER 1998
FULL-SCALE OPERATION OF EXPLOSIVES-CONTAMINATED SOIL
NSWC CRANE, CRANE, INDIANA
APRIL 1999

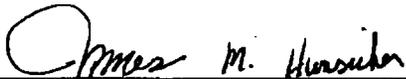
REPORT COMPONENT	INSTRUCTIONS
Binder Spine	Remove and discard existing binder spine, dated April 1999, and replace with attached binder spine that indicates "Revised March 2000."
Binder Cover	Remove and discard existing binder cover, dated April 1999, and replace with attached green binder cover that indicates "Revised March 2000."
Inside Cover	Remove and discard inside cover, dated April 1999, and replace with attached 3-hole punched white cover that indicates "Revised March 2000."
Text	Remove and discard existing pages 6 and 8, dated 04/16/99, and replace with attached pages 6 and 8, dated 03/29/2000.

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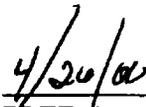
26 APR 2000

The letter Ser 095/0089 was for the
submittal of an Errata sheet and
replacement pages for the Fourth Quarter 98
Full-Scale Bioremediation Interim Progress
Reports dated April 99. The replacement
pages have been incorporated into the
previously submitted reports on 11/10/99.

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.


SIGNATURE

DIRECTOR, ENVIRONMENTAL PROTECTION DEPARTMENT
BY DIRECTION OF THE COMMANDER
TITLE


DATE