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Admin Records 095

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NSWC CRANE

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IN REPLY REFER TO:

5090/H1.5.1
0924

20 APR 1990



DEPARTMENT OF THE NAVY
NAVAL WEAPONS SUPPORT CENTER
CRANE, INDIANA 47822-8000

RCRA Activities
U.S. EPA, Region V
Post Office Box A-3587
Chicago, Illinois 60690-3587

Gentlemen:

Submitted for review are the Interim Measures (IM) report for McComish Gorge and Old Burn Pit Solid Waste Management Units (SWMU). Also submitted for review is the RFI Phase III Ground Water Release Characterization Work Plan for the Ammunition Burning Grounds SWMU. Requirements for submittal of these reports were set forth in the Corrective actions portion of the Part B Permit issued to Naval Weapons Support Center Crane (NWSCC) in January 1990.

NWSCC point of contact is Mr. Jim Hunsicker, Code 0924, telephone 812-854-3233.

Sincerely,

M. L. FREY
Commander, CEC, USN
Public Works Officer
By direction of the
Commanding Officer

Encl:

- (1) Interim Measures Report for McComish Gorge and Old Burn Pit Solid Waste Management Units.
- (2) Modified RFI Phase III Ground Water Release Characterization Work Plan for the Ammunition Burning Grounds Solid Waste Management Units.
- (3) Certification Statement.

Copy to:

NORTHNAVFACENCOM, Philadelphia (Code 14)

COMNAVSEASYSOM (SEA-6541)

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INTERIM MEASURES REPORT
FOR THE
MCCOMISH GORGE AND OLD BURN PIT
SOLID WASTE MANAGEMENT UNITS

ENCLOSURE (1)

McComish Gorge Solid Waste Management Unit:

A visual inspection of the McComish Gorge Solid Waste Management Unit (SWMU) has been conducted. The SWMU area contains little visible debris. All debris has been or is in the process of being removed. Naval Weapons Support Center Crane (NWSCC) considers the IM at this SWMU area as being completed.

Old Burn Pit Solid Waste Management Unit:

As previously discussed with Carol Witt, NWSCC personnel have completed a visual inspection of the Old Burning Pit SWMU. Inspections revealed areas where debris of various material and sizes protrude from the ground. Included in this debris are drums which appear to contain a sludge-like material of unknown composition. As discussed with Ms. Witt, NWSCC personnel have secured specific sites within the SWMU area with "DO NOT ENTER - CONTAINS HAZARDOUS MATERIAL" barricade tape. Since the site is remote, personnel exposure to the SWMU area is very limited.

Debris has not been removed from the site since:

- a. The numerous large items will require utilization of heavy equipment which cannot operate in the area while the ground is soft from Spring rains;
- b. NWSCC feels that sampling and analysis of the unknown material in the drums exceeds the scope of an IM.
- c. Cleanup and removal of the drums will require developing and awarding a contract.

NWSCC will proceed with the cleanup of smaller items. NWSCC would like to set up a meeting with Ms. Witt and Northern Division in May or early June to discuss cleanup procedures.

United States Department of Navy
Naval Weapons Support Center Crane, Indiana
EPA Identification Number: IN5 170 023 498

CORRECTIVE ACTION REQUIREMENTS, RCRA SECTION 3004

SWMU: AMMUNITION BURNING GROUNDS AREA

MODIFIED RFI PHASE III RELEASE CHARACTERIZATION WORK PLAN FOR GROUND WATER

1. The following ground water work plan is submitted in accordance with the Corrective Action Requirements (RCRA Section 3004) of the Federal portion of the RCRA Permit issued to the United States Department of Navy by the U.S. EPA Region V on 20 December 1989. Corrective action requirements for the ABG Area SWMU are stipulated on page 11 of Section IV, F.1.a. The enclosed Modified RFI Phase III Work Plan for Ground Water schedules the submittal of the following: a) the draft and final Tracer Test Report; b) progress reports; c) the Second Dye Tracer Test; and, d) the RFI Phase III Draft and Final Reports. The RFI Phase III Final Report for the ABG Ground Water will incorporate the findings of the tracer tests, newly emplaced monitoring wells, and ground water monitoring (chemical analysis) to determine the rate, extent, and concentration of hazardous waste (or hazardous constituents) migration in the ground water. The report will also establish a ground water monitoring program for the ABG area.

2. The hydrogeology of the ABG was established in the previously submitted report, Geology and Hydrogeology of the Ammunition Burning Grounds Crane Naval Weapons Support Center, Richard W. Hunt, USAE Waterways Experimental Station, Vicksburg, MS, October 1988. A dye tracer test was performed in the ABG study area in January of 1990 to determine flow paths and rate of migration of ground water. A report of investigation for the tracer test is being prepared.

3. The schedule for accomplishing the Modified RFI Phase III Release Characterization for Ground Water is presented in the form of a time-line.

SWM U: Ammunition Burning Grounds Area

MODIFIED

4-16-90 4-30 5-14 5-28 6-11 6-25 7-9 7-23 8-6 8-20 9-3

Submit Mid Phase III Work Plan

*X

DYE TRACER TEST #1

- Final Draft Report
- Submit to EPA, Review & Comm.
- Final Report

X _____

DYE TRACER TEST #2

- Prepare Draft Work Plan
- Submit, EPA Review & Comm.
- Final Work Plan
- Conduct Tracer Test
- Prepare Draft Report
- Submit, EPA Review & Comm.
- Final Report

_____ X _____

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PHASE III GROUNDWATER REPORT

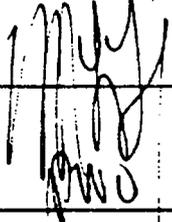
- Final Draft Report
- Submit, EPA Review & Comment
- Final Report

Progress Reports

X X

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

A handwritten signature in black ink, appearing to be 'M. J. ...', written over a horizontal line.

TITLE

4/20/90

DATE