



DEPARTMENT OF THE NAVY

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
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NSWC CRANE
5090.3a

IN REPLY REFER TO:

5090
Ser 095/1237

31 Jul 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 (NSWC Crane) submits revised pages for Volume I of the Final Dye Burial Grounds - Solid Waste Management Unit (SWMU) 02/11 - RCRA Facility Investigation, Corrective Measures Study, and Risk Assessment planning documents. The revised pages, along with directions for replacement are provided as enclosure (1). The permit required Certification Statement is provided as enclosure (2).

NSWC Crane point of contact is Mr. Thomas J. Brent, Code 09510, telephone 812-854-6160.

Sincerely,

James M. Hunsicker
Director, Environmental
Protection Department
By direction of the Commander

Encl:

- (1) Revised Pages for SWMU 02/11 Plans
- (2) Certification Statement

Copy to:

ADMINISTRATIVE RECORD
SOUTHNAVFACENCOM (Code 1864) (w/o encl)
IDEM (Doug Griffin)
TTNUS (Ralph Basinski) (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.

James Hunsicker
SIGNATURE

Environmental Protection Department Manager
TITLE

7/31/01
DATE

Changes to Final Work Plan for RCRA Facility Investigation, Corrective Measures Study, and Risk Assessment at Solid Waste Management Unit No. 2 – Dye Burial Grounds

Volume I Work Plan

1. Incorrect Figure 5-14 Proposed Surface Water and Sediment Sampling Locations is being replaced with the correct Figure 5-14 Ground Water Exceedances – Ecological, Golconda/Haney Aquifer. Figure 5-19 (already present) is the correct Proposed Surface Water and Sediment Sampling Locations figure.

Volume I Appendix A Field Sampling Plan

2. Changes to Table 3-1 Soil and Sediment Samples include the following:
 - Column 2 Sample Depth was moved to Column 3.
 - Column 3 General Location was moved to Column 2.
 - Sample Depths 0-2 feet and TBD were delineated on separate lines.
 - CEC, TOC, and pH was designated on samples 02SB03, 02SB10, and 02SB15 in order to meet the 30 percent requirement in footnote 2.
 - Appendix IX and Miscellaneous Metals were designated for all locations where dye analysis will be performed.
 - Dye analysis was added to all sample locations and depths.
 - For 02SB08, 02SB09, 02SB10, and 02SB11 the general location description was changed from Central Area Inside the Waste Disposal Area to Central Area Outside the Waste Disposal Area.
 - The Sample/Boring Numbers for Spring Seeps 1 through 4 were changed to 02SD07, 02SD08, 02SD09, and 02SD10.
 - Footnote 2 was changed to read CEC, TOC, pH, bulk density, and grain-size will be collected for 30 percent of soil samples.
3. Changes to Table 3-2 Field Sample Summary – Soil/Sediment Samples include the following:
 - Under the Dye Analysis the Methodology description was changed to read Quantitative HPLC Method Developed by Crane Lab.
 - ASTM D422 was added to the Methodology column for Grain Size Analysis.
 - ASTM D2937 was added to the Methodology column for Bulk Density Analysis.
 - The number of samples and total number of samples for TOC, CEC, pH, Grain Size and Bulk Density was changed from 33 to 10.
 - Footnote 1 was changed to read Totals do not include the number of ambient condition blanks.
4. Changes to Table 3-4 Ground Water and Surface Water Samples include the following:
 - TOC was removed from the last column that now reads TSS, Hardness.
 - The heading for column 3 was changed to Dyes.
5. Changes to Table 3-5 Field Sample Summary – Ground Water/Surface Water include the following:
 - The number of samples for Ground Water Second Round was changed from 20 to 23. The number of MS/MSD and total number of samples was also changed accordingly.
 - The number of samples for Surface Water Appendix IX Metals and Miscellaneous Metals analysis was changed from 10 to 20 (total plus dissolved). The number of MS/MSD and total number of samples was also changed accordingly.
 - Footnote 1 was changed to read Totals do not include the number of ambient condition blanks.

Volume I Appendix C Quality Control Project Plan

6. The sentence immediately prior to Section 1.4.3 was changed to refer to Section 4.2.5 of the Work Plan.

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Ser 095/1237

31 JUL 2001

The letter Ser 095/1237 was for the
submittal of replacement pages for the
Final Dye Burial Grounds RFI, CMS, & RA
Workplan. The replacement pages have been
incorporated into the Workplan dated
05/15/01.