



DEPARTMENT OF THE NAVY

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 381
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:

5090
Ser 095/0223

16 OCT 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 (NAVSURFWARCENDIV Crane) submits the Draft Dye Burial Grounds Quality Assurance Project Plan (QAPP) as enclosure (1). Please note that this QAPP (dated October 2000) replaces, in entirety, the existing QAPP (dated April 2000) contained in Appendix C of the Work Plan. The plan has been revised to include the dye analytical method.

Enclosure (2) is Volume II of II of the Work Plan. This contains the Standard Operating Procedures (SOPs) from Laucks Testing and NAVSURFWARCENDIV Crane Analytical Laboratories.

NAVSURFWARCENDIV Crane also submits the eleven volume Dye Analytical Method Development Report as enclosure (3). Volume I consists of an overview of the analytical method development process, as well as summaries of the data provided by the NAVSURFWARCENDIV Crane Analytical Laboratory. Volume I was prepared by Tetra Tech NUS, whereas Volumes II through XI are supporting technical information from the Crane Lab. Finally, the permit required Certification Statement is provided as enclosure (4).

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

Sincerely,

A handwritten signature in cursive script that reads "James M. Hunsicker".

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

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Ser 095/0223

Encl:

- (1) Dye Burial Grounds QAPP
- (2) Volume II of II (SOPs)
- (3) Method Development Report
- (4) Certification Statement

Copy to:

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

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The letter Ser 095/0223 was for the submittal of QAPP and SOP replacement pages for the Draft Dye Burial Grounds RFI, CMA, & RA Workplan and the submittal of the Draft Dye Burial Grounds Dye Analytical Method Development Report. The Draft Workplan Volume I and several Volume II SOPs were replaced by the Final Dye Burial Grounds RFI, CMA, & RA Workplan dated 05/15/01. The complete Final Dye Burial Grounds RFI, CMA, & RA Workplan can be found under the report dated 05/15/01. The complete Final Dye Burial Grounds Dye Analytical Method Development Report can be found under the report dated 05/22/01.

DRAFT
Quality Assurance Project Plan
for
**RCRA Facility Investigation Study,
Risk Assessment, and
Corrective Measures Study**
at
**Solid Waste Management Unit 2
Dye Burial Grounds**

**Naval Surface Warfare Center
Crane Division**
Crane, Indiana



Southern Division
Naval Facilities Engineering Command
Contract Number N62467-94-D-0888
Contract Task Order 0010

October 2000

Enclosure (1)

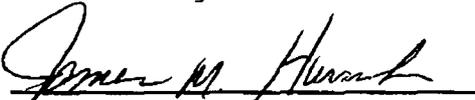
Volume II of II
Analytical Standard Operating Procedures
-for the-
Dye Burial Grounds

Enclosure (2)

**Dye Analysis
Method Development Report
-for the-
Dye Burial Grounds**

Enclosure (3)

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

Environmental Protection Department Manager

TITLE

DATE

Enclosure (4)