



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

N00164.AR.000932
NSWC CRANE
5090.3a

IN REPLY REFER TO
5090/S4.7.5
Ser RP3/5075
28 FEB 2005

U.S. Environmental Protection Agency, Region V
Waste, Pesticides, & Toxics Division
Waste Management Branch
Corrective Action Section
77 West Jackson Blvd.
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center submits change pages for the Final Dye Burial Grounds (DBG), Solid Waste Management Unit 2, Corrective Measures Study (CMS), which may be found as enclosure (1). The changes incorporate The Navy Comprehensive Environmental Response, Compensation, and Liability Act Record of Decision (ROD) and Post-ROD Policy (dated January 16, 2004) as well as the U.S. EPA Memorandum regarding Principles and procedures for Specifying, Monitoring, and Enforcement of Land Use Controls and Other Post-ROD Actions (dated October 2, 2003). All references to Land Use Control Implementation Plan and Land Use Control Assurance Plan have been removed from the CMS. The permit required Certification Statement is provided as enclosure (2).

If you require any further information, my point of contact is Mr. Thomas J. Brent, Code RP3-TB, at 812-854-6160, email thomas.brent@navy.mil.

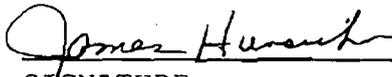
Sincerely,

JAMES M. HUNSICKER
Manager, Environmental Protection
By direction of the Commanding Officer

Enclosures: 1. Change Pages for the Final DBG CMS
2. Certification Statement

Copy to:
ADMINISTRATIVE RECORD
SOUTHNAVFACENCOM (Code ES31) (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.



SIGNATURE

Manager, Environmental Protection

TITLE

2/28/05

DATE

5090 / S4.7.1
Ser RP3/5075

28 Feb 2005

The letter Ser RP3/5075 was for replacement pages for the Final Corrective Measures Study for the Dye Burial Grounds, SWMU 02. Replacement pages added to report dated 12/16/03 making it the final report.

NAVAL SURFACE WARFARE CENTER CRANE
 CRANE, INDIANA
 SWMU 2
 ALTERNATIVE 2: INSTITUTIONAL CONTROLS AND MONITORING
 CAPITAL COST

Item	Quantity	Unit	Subcontract	Unit Cost			Extended Cost			Subtotal	
				Material	Labor	Equipment	Subcontract	Material	Labor		Equipment
1 PROJECT PLANNING											
1.1 Prepare Monitoring Plan	100	hr		\$35.00			\$0	\$0	\$3,500	\$0	\$3,500
2 INSTITUTIONAL CONTROLS											
2.1 Prepare Deed Restrictions & Controls	150	hr		\$35.00			\$0	\$0	\$5,250	\$0	\$5,250
2.2 Install Fencing, 6' High	1000	ft	\$16.40				\$16,400	\$0	\$0	\$0	\$16,400
2.3 Install Double Swing Gate, 6' High, 12' Opening	1	ea	\$1,125.00				\$1,125	\$0	\$0	\$0	\$1,125
2.3 Install Warning Signs, 30" x 30", Reflectorized	5	ea	\$91.50				\$458	\$0	\$0	\$0	\$458
Subtotal							\$17,525	\$0	\$8,750	\$0	\$26,275
Local Area Adjustments							100.0%	78.2%	96.1%	96.1%	
							\$17,525	\$0	\$8,409	\$0	\$25,934
Overhead on Labor Cost @ 30%									\$2,523		\$2,523
G & A on Labor Cost @ 10%									\$841		\$841
G & A on Material Cost @ 10%								\$0			\$0
G & A on Subcontract Cost @ 10%							\$1,753				\$1,753
Total Direct Cost							\$19,278	\$0	\$11,772	\$0	\$31,050
Indirects on Total Direct Cost @ 10%											\$3,105
Profit on Total Direct Cost @ 10%											\$3,105
Subtotal											\$37,260
Health & Safety Monitoring @ 0%											\$0
Contingency on Subtotal Cost @ 10%											\$3,726
Engineering on Subtotal Cost @ 10%											\$3,726
TOTAL COST											\$44,712

NAVAL SURFACE WARFARE CENTER CRANE
CRANE, INDIANA
SWMU 2
ALTERNATIVE 2: INSTITUTIONAL CONTROLS AND MONITORING
Annual Cost

Item	Item Cost Years 2, 4, 6, 8, 10, 15, 20, 25, and 30	Item Cost Years 1 - 30	Item Cost Every 5 Years Through 30 Years	Notes
Sampling	\$2,540			Labor, Field Supplies.
Site Maintenance		\$1,000		Maintain cap, fence (cut grass, reseed, add topsoil)
Analysis/Water	\$4,480			Analyze samples from six (6) existing wells plus one (1) QA sample for Military Dyes
Report	\$1,000			Document sampling events and results
Site Inspection		\$1,000		To verify continued implementation of the controls.
Site Review			\$7,000	
TOTALS	\$8,020	\$2,000	\$7,000	