



**DEPARTMENT OF THE NAVY**

INDIAN HEAD DIVISION  
NAVAL SURFACE WARFARE CENTER  
101 STRAUSS AVE  
INDIAN HEAD MD 20640-5035

5090  
Ser 0951/190  
7 Aug 96

Ms. Helene Drago  
EPA Region III  
841 Chestnut Building  
Philadelphia, PA 19107

Dear Ms. Drago:

This is Indian Head Division's 13th monthly progress report as required by the June 2, 1995, Notice of Violation (Docket No. III-FF-CWA-005). The report provides the status of actions being taken to correct lead violations at industrial wastewater outfall (IW) 87, and nitrate esters and total suspended solids violations at IWs 46 and 53.

IW87 - Enclosure (1) is the schedule to remove lead contamination at IW87. During the past month, the contractor removed lead contaminated sediments and relined the wastewater pit outside of Building 790. The contractor has also started removing the bottom 70 feet of the drain pipe and sediment closest to the outfall. When this is finished, they will begin the last phase of the project, flushing and relining the remaining section of drain pipe between Building 790 and the outfall. Set up and testing of the equipment and tanks which will treat the sediment and water flushed from the pipe, was also completed in July.

IW46/53 - Progress for the wastewater collection system at IW53 remains on schedule (see enclosure [2]). Wastewater collection system construction has been completed. We have made the electrical service upgrade, which had been delaying the inspection and testing of the pumps. Final inspection and leak testing of the system will be completed this month.

5090  
Ser 045/190

If you have any questions, please contact me on (301) 743-4320.

Sincerely,



MICHAEL W. DUNN  
Director, Air, Water & Natural  
Resources Management Division  
By direction of the Commander

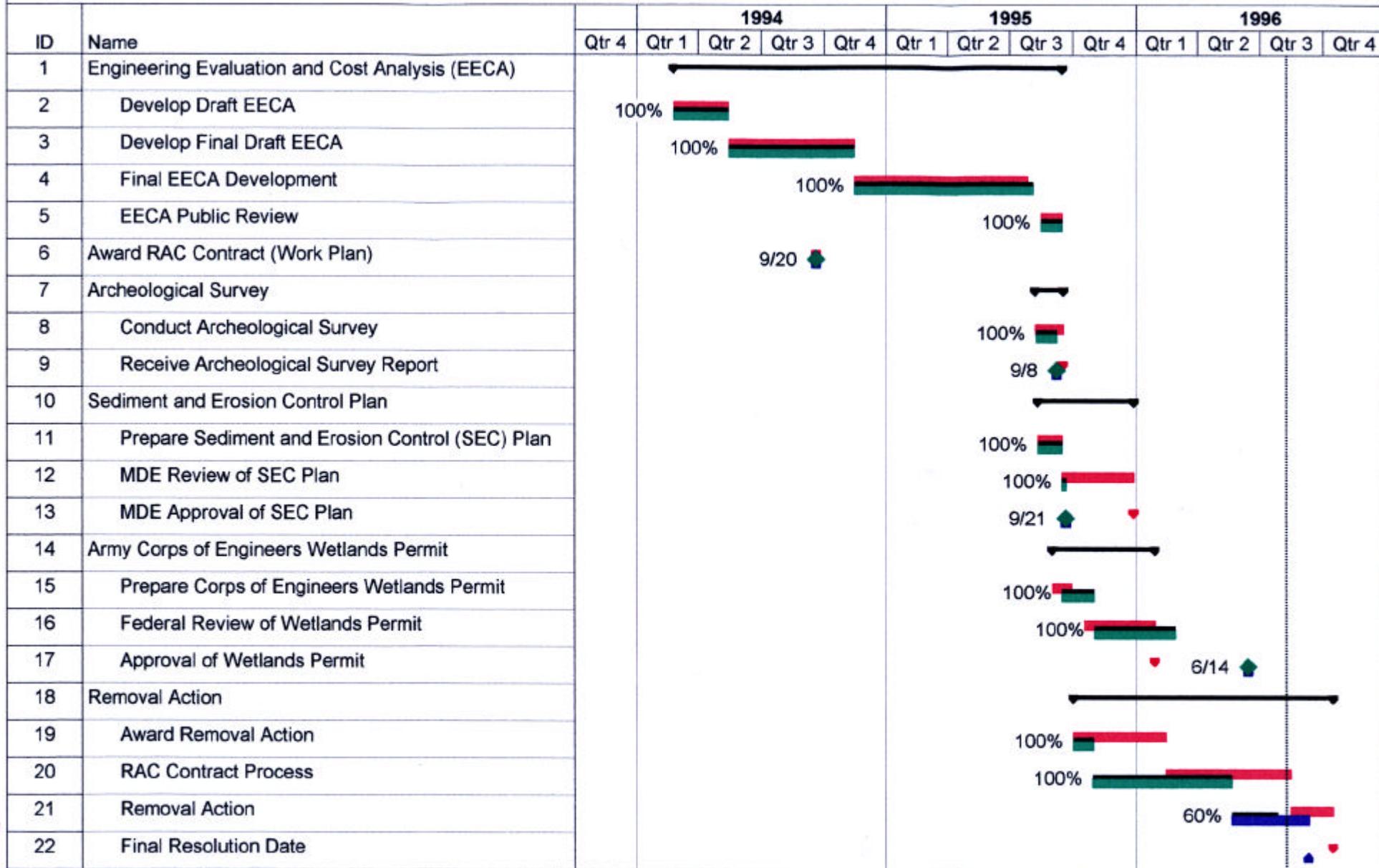
Encl:

- (1) IW87 Compliance Schedule
- (2) IW46/53 Compliance Schedule

Copy to:

EPA Region III (P. Yeany)  
MDE (C. Coates)  
EFACHES (Code 1821)  
EFACHES (Code 181SP)  
NAVSEASYSKOM (SEA00TE)  
COMNAVBASE Norfolk (N9E3)  
NSWC (NSWC 04V)

## Plan for Cleanup of Lead Contamination at PDES Industrial Wastewater Outfall IW 87



Project: Date: 8/7/96	Planned <span style="color: red;">█</span> Scheduled <span style="color: blue;">█</span> Completed <span style="color: green;">█</span>	Planned Milestone <span style="color: red;">▼</span> Scheduled Milestone <span style="color: blue;">▲</span> Completed Milestone <span style="color: green;">◆</span>	Summary <span style="color: black;">←-----→</span> Progress <span style="color: black;">-----</span>
--------------------------	---	---	---

ENCLOSURE(1)

# Wastewater Collection System for Annealing Ovens

ID	Name	Qtr 4	1994				1995				1996			
			Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	Original Design	100%												
2	Safety Redesign													
3	Construction Bid/Award													
4	Develop & Permit Erosion Plans													
5	IW53 Construction													
6	Final Inspection and Startup													
7	Final Resolution at IW53													
8	Decommission Annealing Ovens at IW46													

ENCLOSURE (2)

Project:  
Date: 8/7/96

Planned		Planned Milestone	
Scheduled		Scheduled Milestone	
Completed		Completed Milestone	

Summary	
Progress	