

**DEPARTMENT OF THE NAVY**

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

5090  
Ser 0951/115  
7 May 96

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

Dear Ms. Drago:

This is Indian Head Division's tenth 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 - As shown in enclosure (1), the project to remove the lead contamination at this site is on schedule. The clean up contractor plans to mobilize on May 21, 1996. During the first month they expect to complete site preparation, install erosion controls, construct the site access road, and setup the temporary water filtration plant.

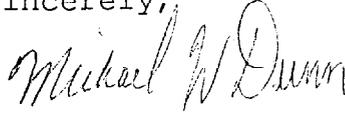
IW46/53 - Progress for the wastewater collection system at IW53 also remains on schedule (see enclosure [2]). Wastewater collection system construction is over 90 percent complete. Remaining work consists of completing the new concrete pad in front of the annealing ovens, coating the interior of the collection tank, and site clean up.

Please note that we have added colors to enclosures (1) and (2) to differentiate between our original compliance schedule (red lines), the latest schedule estimates (purple lines), and the actual start and finish dates (green lines).

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

Sincerely,



MICHAEL W. DUNN  
Manager, Air & Water Mgmt Branch  
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 (SEA07E)  
COMNAVBASE Norfolk (N9E3)  
NSWC (NSWC 04V)

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

ID	Name	1994				1995				1996				
		Qtr 4	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	Engineering Evaluation and Cost Analysis (EECA)		←-----→											
2	Develop Draft EECA	100%												
3	Develop Final Draft EECA		100%											
4	Final EECA Development				100%									
5	EECA Public Review							100%						
6	Award RAC Contract (Work Plan)				9/20									
7	Archeological Survey								←-----→					
8	Conduct Archeological Survey							100%						
9	Receive Archeological Survey Report							9/8						
10	Sediment and Erosion Control Plan								←-----→					
11	Prepare Sediment and Erosion Control (SEC) Plan							100%						
12	MDE Review of SEC Plan							100%						
13	MDE Approval of SEC Plan							9/21						
14	Army Corps of Engineers Wetlands Permit								←-----→					
15	Prepare Corps of Engineers Wetlands Permit							100%						
16	Federal Review of Wetlands Permit							100%						
17	Approval of Wetlands Permit													
18	Removal Action								←-----→					
19	Award Removal Action							100%						
20	RAC Contract Process							92%						
21	Removal Action													
22	Final Resolution Date													

ENCLOSURE(7)

Project:  
Date: 5/6/96

- Planned  Planned Milestone ▼
- Scheduled  Scheduled Milestone ▲
- Completed  Completed Milestone ◆

- Summary
- Progress

## 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													

Project:  
Date: 5/6/96

Planned



Planned Milestone



Summary



Scheduled



Scheduled Milestone



Progress



Completed



Completed Milestone



ENCLOSURE(2)