



**DEPARTMENT OF THE NAVY**

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

5090  
Ser 0951/164  
8 Jul 96

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

Dear Ms. Drago:

This is Indian Head Division's twelfth 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. The clean up contractor ran into unexpected delays during June due to heavy rains and the necessity to run a nearby explosives production operation. The estimated duration of Step 21, Removal Action, has been extended by about 4 weeks to allow additional time for site clearing and site access road construction. However, we do not anticipate this delay impacting the Navy's original planned completion date of October, 1996.

Work to be completed in the next month includes water filtration plant setup, lining of an upstream manhole, and removal of the bottom section of the lead contaminated drainage pipe.

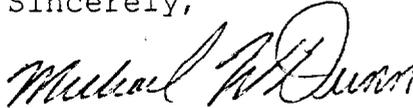
IW46/53 - Progress for the wastewater collection system at IW53 remains on schedule (see enclosure [2]). Wastewater collection system construction has been completed. As discussed in our last letter the electrical service to the site needs to be upgraded from 220 volts to 440 volts. A cost estimate for this work is due by the end of this week. The work may be completed in-house or contracted, depending on the estimate. Once the electrical service is upgraded, the pumps can be tested and the Navy can complete its final inspection of the system.

5090  
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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).

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)  
NAVSEASYSCOM (SEA07E)  
COMNAVBASE Norfolk (N9E3)  
NSWC (NSWC 04V)

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



Project:  
Date: 7/8/96



Summary ▬  
Progress ▬

ENCLOSURE

## 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: 7/8/96

Planned

Scheduled

Completed

Planned Milestone

Scheduled Milestone

Completed Milestone

Summary

Progress