



DEPARTMENT OF THE NAVY

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

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NSWC INDIAN HEAD  
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Ser 0951/265  
6 Sep 95

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

Dear Ms. Drago:

This is Indian Head Division's second 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 - The project to clean up the lead contamination at this site is on schedule (see enclosure 1). Step 5, Engineering Evaluation and Cost Evaluation Public Review, ends September 15th. Steps 8 and 9, Conduct Archaeological Survey and Receive Survey Report, have been completed ahead of schedule. There were no significant archaeological findings. Our Natural Resources staff is forwarding a letter to Maryland's State Historic Preservation office relaying that there will be no adverse effects from the project.

Step 11, Prepare Sediment Erosion Control (SEC) Plan, is also proceeding ahead of schedule. The contractor will complete and deliver the plan by September 15th. We recently met with Mr. Dan O'Leary, the Chief of MDE's Sediment and Storm Water Administration's Plan Review Section. At that meeting, we requested that he make the IW 87 SEC plan the number one priority among the plans his office is presently reviewing for Indian Head Division. Once the SEC plan is received, preparation of the wetlands permit (Step 15) will proceed.

In preparation for Step 19, Award Removal Action, the Navy held contract negotiations with OHM Inc., the Navy's Remedial Action Contractor, on August 22nd. OHM is proposing to slip line the lead contaminated pipe instead of using an in-situ form liner. Their revised proposal and cost estimate is due next week. As indicated in our previous letters, we do not expect the release of Defense Environmental Restoration Account funding for the removal action until the end of FY95 or first quarter FY96.

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IWs 46/53 - Construction of wastewater collection systems at IWs 46 and 53 to eliminate nitrate esters and total suspended solids violations is also on schedule (see enclosure {2}).

We are working on step 3, Construction Bid/Award. As reported in our last letter, the firm which designed the collection systems had estimated a construction cost of \$272,000. We received the proposed construction contractor's bid yesterday afternoon. It was over three times the estimate.

Our construction and engineering design offices are reviewing both estimates to determine why there was such a large cost differential. Based on this review, they will look at alternatives such as obtaining additional funds, selecting another construction firm, or negotiating to a cost that is closer to the government estimate.

Since we have just received the bid, we are unable to predict the possible schedule impact. However, we will prioritize resolution of this matter and will contact you once plans are finalized.

The report you had requested on low pH stormwater near our power plant was forwarded under a separate letter to the Maryland Department of the Environment with a copy to your office.

If you have any questions, please contact Mike Dunn at (301) 743-4320.

Sincerely,



SUSAN P. ADAMS  
Director, Environmental Division  
By direction of the Commander

Encl:

- (1) IW 87 Schedule
- (2) IW 46/53 Schedule

Copy to:

EPA Region III (P. Yeany)  
MDE (C. Coates)  
EFACHES (P. Gilbertson)  
EFACHES (S. Phillips)  
NAVSEASYSKOM (SEA07E)  
COMNAVBASE Norfolk (N9E3)  
NSWC (NSWC 04E)



### Wastewater Collection Systems for Annealing Ovens

ID	Name	1994				1995				1996				1997				Qtr 1		
		Qtr 1	Qtr 2	Qtr 3	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	Original Design																			
2	Safety Redesign																			
3	Construction Bid/Award																			
4	Develop & Permit Erosion Plans																			
5	Constructioun Phase																			
6	IW53																			
7	IW46																			
8	Final Inspection & Repair																			
9	IW53																			
10	IW46																			
11	Final Resolution																			
12	IW53																		◆	
13	IW46																		◆	

ENCLOSURE (2)

**Project:**  
Date: 9/6/95

<b>Critical</b>		<b>Progress</b>		<b>Summary</b>	
<b>Noncritical</b>		<b>Milestone</b>	◆	<b>Rolled Up</b>	◆