



DEPARTMENT OF THE NAVY

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

5090
Ser 0951/140
7 June 96

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

Dear Ms. Drago:

This is Indian Head Division's eleventh 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 mobilized on May 20th. The site erosion controls have been completed. The contractor is presently clearing trees and constructing the site access road. The actual Removal Action is scheduled to begin June 21st.

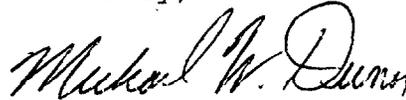
IW46/53 - Progress for the wastewater collection system at IW53 also remains on schedule (see enclosure [2]). Wastewater collection system construction is essentially complete. The only remaining work involves providing 440 volt electrical service to run the pumps and clean up of the construction site. The system will be inspected and leak tested in the upcoming weeks to ensure it meets specifications before acceptance by the Navy.

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).

5090
Ser 0951/140

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

Sincerely,



MICHAEL W. DUNN
Manager, Air & Water Mgmt Branch
Environmental 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 (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 | | | | | | | 100% | | | | | | | |
| 21 | Removal Action | | | | | | | | | | | 10% | | | |
| 22 | Final Resolution Date | | | | | | | | | | | | | | |

ENCLOSURE(1)

| | | | |
|--------------------------|---|---|---|
| Project: Date: 6/6/96 | Planned ▬ Scheduled ▬ Completed ▬ | Planned Milestone ▼ Scheduled Milestone ▲ 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: 7/8/96

Planned



Planned Milestone



Summary



Scheduled



Scheduled Milestone



Progress



Completed



Completed Milestone

