

Environmental Protection Agency/Department of Defense Chesapeake Bay Initiative

a

Joint Resolution

on

Pollution Abatement in the Chesapeake Bay

Background

The Environmental Protection Agency (EPA) in conjunction with the States of Maryland, Pennsylvania, and Virginia, and the District of Columbia have been conducting studies, environmental surveys and assessments and developing strategies for improving and restoring the Chesapeake Bay. Additionally, President Reagan in his State of the Union speech in January 1984 said, "Though this is a time of budget restraints...we will begin the long, necessary effort to clean up...the Chesapeake Bay."

The Department of Defense (DoD) maintains over fifty installations in the Chesapeake Bay Region, encompassing nearly 400,000 acres and in excess of 250,000 personnel. Executive Order 12088 directs the head of each Executive agency responsible for compliance with pollution control standards, to take necessary actions for prevention, control and abatement of environmental pollution for activities under agency control.

DoD has an aggressive National Pollution Abatement Program to construct, replace and/or upgrade pollution abatement facilities. During the past decade, DoD has spent over \$180 million for completed projects in the Chesapeake Bay Region (see Attachment 1 for a summary of completed projects).

Additionally, DoD currently has approximately 19 projects under construction in the Chesapeake Bay Region which when completed will be valued at approximately \$17 million (see Attachment 2). These projects, plus others still to be programmed, represent a positive DoD commitment to the overall effort to clean up the Bay.

Resolution

DoD and EPA jointly resolve to cooperate to enhance Chesapeake Bay pollution abatement activities by the following actions:

- o DoD will give priority consideration to funding pollution abatement projects and studies affecting the Chesapeake Bay. This will include completion of projects in Fiscal Year 1985 listed in Attachment 3 to this Joint Resolution. Additionally, DoD will request Congressional approval for required out-year pollution abatement projects as they are identified; 10 projects have been identified for Fiscal Year 1986, and additional projects are being identified for the period 1987-1990. EPA will review the DoD projects list for adequacy, and will propose additional projects as may be necessary.
- o DoD will develop and initiate, as a pilot project, environmental self-auditing of several of its installations in the Chesapeake Bay Region. EPA and DoD will meet at least once a year to evaluate both the pilot project and its findings (see Attachment 4).

- o DoD, through its Defense Environmental Leadership Project, will review selected major Pollution Abatement Project design, construction, operation, and maintenance management practices to insure the quality of Chesapeake Bay related environmental improvement work.
- o DoD will continue to provide information to EPA or the States necessary to issue or re-issue all major National Pollutant Discharge Elimination System (NPDES) wastewater discharge permits.
- o DoD will review existing land management practices at selected installations in the Chesapeake Bay Region and take actions to reduce soil erosion and other pollution from non-point sources located on its installations. EPA and DoD will meet at least annually to review findings and to evaluate any corrective actions taken (see Attachment 5).
- o EPA, in cooperation with the delegated States, will act to insure the issuance or re-issuance of all major (and any other installation identified as significant) DoD National Pollutant Discharge Elimination System (NPDES) permits in the Chesapeake Bay Region by September 30, 1985. These permits will contain requirements (including reducing or eliminating toxic pollutants) appropriate to insure the protection of the waters of the Chesapeake Bay. A listing of these installations is included in Attachment 6.
- o EPA, in cooperation with the delegated States, will conduct an annual compliance audit inspection at each major DoD installation (or any other DoD installation identified as significant) in the Chesapeake Bay Region (Attachment 6).
- o EPA will provide DoD with technical advice and assistance on controlling non-point and other water pollution sources.

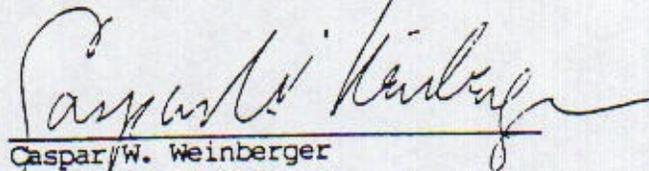
Program Review

EPA and DoD will both establish single points of contact for review of progress. A program review to include appropriate State and local agencies will take place at least annually. Program review will include a public meeting to report progress under this Resolution. This Joint Resolution, unless terminated sooner or extended by the signatories, will terminate on January 1, 1990.

Effective Date

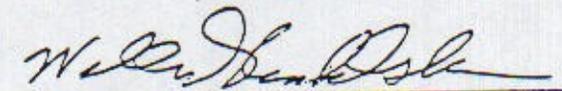
This Joint Resolution becomes effective when signed by both parties.

Signed this 13th day of September 1984, for
the Department of Defense.



Caspar W. Weinberger
Secretary of Defense

Signed this 13th day of September 1984, for
the Environmental Protection Agency.



William D. Ruckelshaus
Administrator
Environmental Protection Agency

Summary of DoD Pollution Abatement Projects
Affecting the Chesapeake Bay
Completed During 1974-1984

1. Naval Base Norfolk, VA, Ships Wastewater Collection Systems, approximately \$15 million. (1974-1984)
2. Naval Base Norfolk, VA, Oil Spill Prevention Facilities, approximately \$49 million. (1974-1984)
3. Naval Shipyard, Portsmouth, VA, Municipal Sewerage Connection, \$8 million. (1984)
4. Naval Air Rework Facility, Norfolk, VA, Industrial Waste Pretreatment Plant, \$4 million. (1981)
5. Fort Meade, MD, Advanced Wastewater Treatment Plant, \$23 million. (1984)
6. Aberdeen Proving Ground, MD, Sewage Treatment Plant Upgrade and miscellaneous Water Pollution Abatement Projects, \$6 million. (1974-1984)
7. Fort Lee, VA, Municipal Sewage Connection, \$3 million. (1974-1984)
8. Fort Belvoir, VA, Municipal Sewage Connection, \$4 million. (1974-1984)
9. Fort Ritchie, MD, Sewage Treatment Plant, \$2.5 million. (1981)
10. Ft. Eustis, VA, Sewage Treatment Plant Upgrade, \$1.3 million (1982)
11. Ft. Detrick, MD, Sewage Treatment Plant Addition, \$2.1 million (1979)
12. Approximately 300 additional smaller Army, Navy, Air Force, and Marine Corps projects in the Chesapeake Bay Region with a combined total cost of approximately \$70 million. (1974-1984)

In addition, DoD has in place existing programs, such as integrated pest management at Aberdeen Proving Grounds and Ft. Meade, MD, to minimize use of pesticides.

Listing of DoD Pollution Abatement Projects
Currently Under Construction in the Chesapeake Bay Region

Installation	Description	Cost(\$)
New Cumberland Army Depot, PA	Replace Sewer Lines	40,000
Andrews Air Force Base, MD	Repair Storm Drainage	129,000
Langley Air Force Base, VA	Construct Entomology Shop	426,000
Langley Air Force Base, VA	Repair Storm Drainage	496,000
Marine Corps Dev & Ed Cnd, Quantico, VA	Oil Spill Prevention Facility	6,500,000
Naval Supply Center, Norfolk, VA	Mobil Emergency Sewer	40,000
Naval Amphibious Base, Little Creek, VA	Hazardous Waste Storage Facility	87,000
Naval Amphibious Base, Little Creek, VA	PCB Spill Prevention	35,000
Naval Amphibious Base, Little Creek, VA	Sandblast Vacuum System	70,000
Naval Amphibious Base, Little Creek, VA	Piers 10, 25 and 34 Sewers	101,000
Naval Weapons Station, Yorktown, VA	Alterations to Sanitary Sewer	35,000
Naval Weapons Station, Yorktown, VA	Gravity Sewer Line	63,000
Naval Surface Weapons Center Dahlgren, VA	Sewage System Improvements	264,000
Naval Station, Annapolis, MD	Modifications to Sewage Treat. Plt.	42,000
Naval Surface Weapons Center, White Oak, MD	Sanitary/Industrial Waste Connection	1,700,000
Naval Ordnance Station, Indian Head, MD	Sewage System Improvements	6,100,000
Naval Ordnance Station, Indian Head, MD	Industrial Waste Treatment Study	365,000
Naval Air Test Center, Patuxent River, MD	Ship to Shore Sewage Connection	84,000
Naval Research Laboratory, Chesapeake Bay Det, MD	Modifications to Sewage Treatment	140,000
	TOTAL	\$16,717,000

Listing of Planned DoD Pollution Abatement Projects
Scheduled for Accomplishment in the Chesapeake Bay Region in FY 1985

Installation	Description
1. Naval Amphibious Base, Little Creek, VA	Oil Spill Equipment Support Facility
2. Naval Public Works Center, Norfolk, VA	PCB Transformer Containment
3. Naval Air Rework Facility, Norfolk, VA	Hazardous Waste Storage Facility
4. Naval Air Rework Facility, Norfolk, VA	Industrial Wastewater Collection
5. Naval Academy, Annapolis, MD	Pesticide Storage & Transfer Facility
6. Naval Academy, Annapolis, MD	Salt Storage Facility
7. Naval Surface Weapons Center, White Oak, MD	Salt/Sand Mixture Storage Facility
8. Naval Surface Weapons Center, White Oak, MD	Plating Shop Treatment Study
9. Naval Weapons Station, Yorktown, VA	Hazardous Waste Storage
10. Naval Hospital, Bethesda, MD	Pest Control Shop
11. Naval Hospital, Bethesda, MD	Salt Storage Facility
12. Naval Electronic System Activity, St. Inigoes, MD	Extended Aeration Package Plant
13. Naval Shipyard, Portsmouth, VA	Laboratory Addition to IWTP
14. Naval Shipyard, Portsmouth, VA	Ship to Shore Connections
15. Langley Air Force Base, VA	Repair/Replace Sewage Pumps
16. Langley Air Force Base, VA	Install Quick Disconnects
17. Langley Air Force Base, VA	Repair/Replace Wastewater Line
18. Langley Air Force Base, VA	Repair/Replace Oil Water Sep.
19. Langley Air Force Base, VA	Repair Sewage Lift Station
20. Defense Property Disp. Office, Chambersburg, PA	Hazardous Waste Storage Facility
21. Defense Property Disp. Office, Aberdeen, MD	Hazardous Waste Storage Facility
22. Defense Property Disp. Office, Mechanicsburg, PA	Hazardous Waste Storage Facility
23. Defense Property Disp. Office, Patuxent River, MD	Hazardous Waste Storage Facility
24. Defense Property Disp. Office, St. Juliens Creek, VA	Hazardous Waste Storage Facility

Listing of DoD Installations in the Chesapeake Bay Region at which
Environmental Audits will be Initiated

1. A pilot program of environmental self-audits will be conducted over the next year at the following DoD installations.

Army

Aberdeen Proving Ground, MD
Letterkenny Army Depot, PA
Fort A. P. Hill, VA
Fort Eustis, VA
Fort Monroe, VA
Fort Belvoir, VA

Air Force

Andrews Air Force Base, MD

Defense Logistics Agency

Defense General Supply Center, Richmond, VA

2. Navy and Marine Corps will update environmental engineering surveys already completed for Chesapeake Bay Installations to include compliance with Hazardous Waste regulations. The following installations will be surveyed:

Navy

Naval Academy/Naval Station, Annapolis, MD
Naval Air Test Center, Patuxent River, MD
Norfolk Naval Shipyard, Portsmouth, VA
Naval Base Norfolk, VA

Marine Corps

Marine Corps Development and Education Command, Quantico, VA

Description of Erosion Control/Runoff Projects/Programs
at DoD Installations in the Chesapeake Bay Region

1. The Army has an initiative underway to evaluate the effectiveness of its land management practices at Fort A. P. Hill, VA, and at Letterkenny Army Depot, PA.
2. The Military Services are required to have natural resource/land management plans for their installations. These plans for DoD installations in the Chesapeake Bay Region will be reviewed by the end of fiscal year 1985 to emphasize erosion runoff control for abatement of non-point water pollution sources, and to insure compliance with State and local sedimentation and runoff control regulations.

Attachment 5

Major DoD National Pollutant Discharge Elimination System Permit Installations
in the Chesapeake Bay Region

Maryland

Naval Surface Weapons Center, White Oak
Naval Ordnance Station, Indian Head (MD0003158)
Naval Ordnance Station, Indian Head (MD0020885)
Aberdeen Proving Ground
Aberdeen Proving Ground, Edgewood Area
Naval Air Test Center, Patuxent River
David Taylor Naval Ship R&D Center, Bethesda
Ft. George G. Meade

Pennsylvania

Letterkenny Army Depot - Chambersburg

Virginia

Marine Corps Development and Education Command, Quantico
Marine Base Hospital, Quantico
Naval Surface Weapons Center, Dahlgren
Norfolk Naval Shipyard, Portsmouth
Naval Supply Center, Norfolk
Naval Air Rework Facility, Norfolk

Other Significant DoD Installations in the Chesapeake Bay Region

Maryland

Andrews Air Force Base
Naval Surface Weapons Center (Solomons Island)
Harry Diamond Laboratory

Pennsylvania

New Cumberland Army Depot

Virginia

Fort A.P. Hill
Naval Amphibious Base, Little Creek
Naval Supply Center, Norfolk (Crane Island)
Naval Supply Center Norfolk, (Yorktown Fuel Division)