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LA reqd?
11/8/91-01619

COMMONWEALTH of VIRGINIA

DEPARTMENT OF WASTE MANAGEMENT

11th Floor, Monroe Building

101 N. 14th Street

Richmond, VA 23219

(804) 225-2667

TDD (804) 371-8737

November 8, 1991

P. A. Rakowski, P.E.
Environmental Programs Branch
Naval Facilities Engineering Command
Norfolk, Virginia 23511-6287

Per your request, the VDWM has reviewed the Installation Restoration Site Brochure for Naval Weapons Station, Yorktown, Virginia. Please see copy for comments and suggestions. In addition, you may want to consider the following: 1. Who is the audience? 2. What is the intended use? 3. The back page text layout is confusing. 4. If you are operating in accordance with CERCLA, NCP requires you to "make available" a public meeting at ROD phase.

If you have any questions please feel free to contact me at (804) 225-3266.

Sincerely,

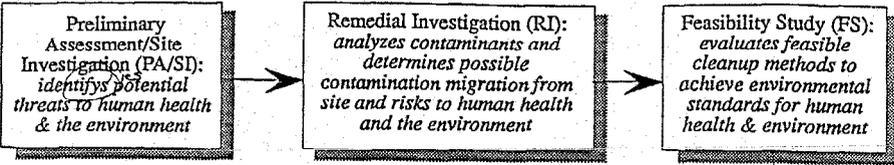
A handwritten signature in cursive script that reads "Ann D. Troutman".

Ann D. Troutman
Community Relations Specialist
Virginia Superfund Program

ADT/

cc: Jamie Walters
York67700

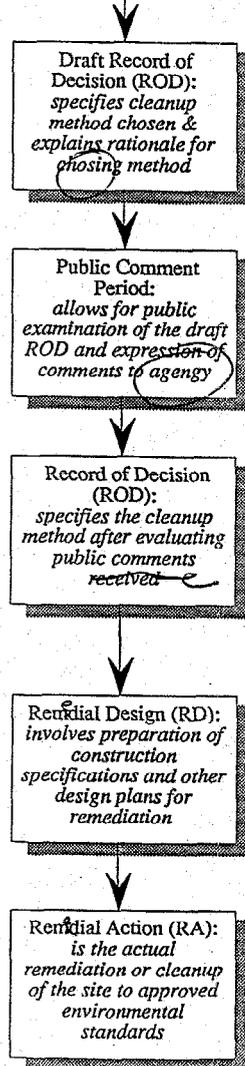
Layout is too confusing: consolidate flow chart on one side to allow some



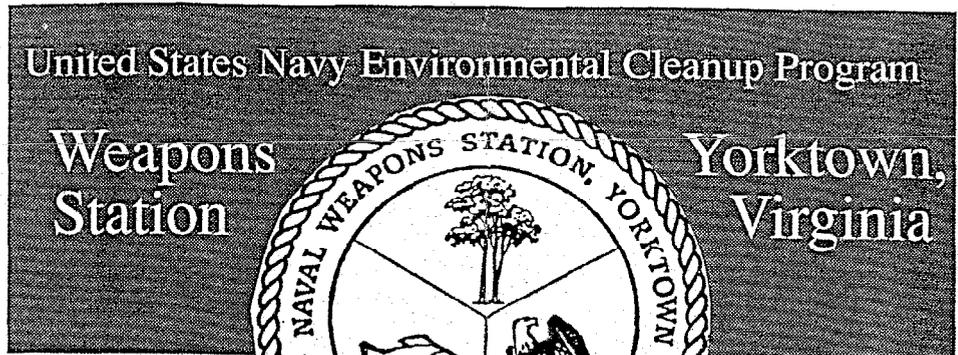
INSTALLATION

RESTORATION

PROCESS



"WHITE SPACE" ON THE PAGE



The 1990s have been initiated with unparalleled, widespread public interest and concern for the natural environment. Environmental awareness is visible everywhere today; in our schools, our stores, and our media. The Naval Weapons Station Yorktown (WPNSTA Yorktown) in Yorktown, Virginia is also focusing on the environment, and has been from the early 1980s.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) was passed in 1980 to investigate and cleanup (remediate) areas contaminated from past, formerly accepted waste disposal practices.

The WPNSTA Yorktown became part of the Yorktown community in 1918, when it was founded as the "Naval Mine Depot." Like other industries and businesses of its time, WPNSTA Yorktown disposed of its waste in the commonly accepted practice, by landfilling. As the Station grew in size, its mission and responsibilities expanded, as did the types and amount of wastes generated. These wastes were disposed in a series of landfills within Station boundaries.

The DoD's Installation Restoration Program was given certain responsibilities under CERCLA to facilitate the site study and remediation process. Today, the IRP follows applicable state and federal environmental laws to ensure that protection of human health and the environment is achieved.

In 1975 the Department of Defense (DoD) initiated the Installation Restoration Program (IRP) to study the disposal activities for hazardous and toxic materials at all Navy and Marine Activities (the IRP is explained in detail on the back of this brochure). At WPNSTA Yorktown, these landfills and other waste disposal or discharge areas were studied to assess possible risk to human health and the environment. From this Initial Assessment Study of 21 sites, recommendations were made to conduct a more detailed study of 15 areas at the Station.

WPNSTA Yorktown is currently studying various waste disposal sites and will be developing the specific plans to remediate each site, as determined necessary. The Station is working closely with the Environmental Protection Agency (EPA), Region III, in Philadelphia, Pennsylvania and with the Commonwealth of Virginia Department of Waste Management (VADWM), in Richmond, Virginia.

Meanwhile, laws addressing hazardous waste generation and disposal were passed by Congress. In 1976 the Resource Conservation and Recovery Act (RCRA) was legislated to manage the present and future disposal of hazardous materials. The

Common Acronyms:	
DoD:	Department of Defense
IRP:	Installation Restoration Program
PA/SI:	Preliminary Site Assessment/Site Investigation
PAO:	Public Affairs Office/Officer
RD/RA:	Remedial Design/Remedial Action
RI/FS:	Remedial Investigation/Feasibility Study
ROD:	Record of Decision
TRC:	Technical Review Committee
WPNSTA Yorktown:	Weapons Station Yorktown

The Installation Restoration Program at Yorktown

The Installation Restoration Program at WPNSTA Yorktown begins with an Initial Assessment Study, conducted under previous IRP organization. This study identified 15 areas of concern from the 19 original sites. Investigations have been launched to further identify exactly what contamination exists, at what levels, and how and where it may be migrating.

Following completion of the Remedial Investigation, efforts will progress until cleanup is achieved.

The boxes above and to the right break the IRP process into the individual studies and projects which combine to yield the desired goal: remediation.

THIS INFO IS REDUNDANT

Sources of Information to Plug Into:

- The York County Public Library (804) 898-0077, 8500 George Washington Highway, Yorktown, Virginia 23692
 - Gloucester Public Library (804) 693-2998, P.O. Box 367, Main Street, Gloucester, Virginia 23061
 - Jamestown-Williamsburg Public Library (804) 229-7326, 515 South Street, Williamsburg, Virginia 23186
 - Naval Weapons Station Yorktown Library (804) 887-4000, Naval Weapons Station, Yorktown, Virginia 23690
 - Newport News City Public Library (804) 247-8506, Griffon Branch, 366 Deshazor Drive, Newport News, Virginia 23602
- These libraries are the locations for the IRP information repositories. They include reports, studies and meeting notes pertaining to IRP site activities.

Base Contact for More Information:

Mr. Thomas Black
Public Affairs Officer, Code 01
(804) 887-4444
Naval Weapons Station
Yorktown, Virginia 23690

- will check spelling

Representative Photographs of the WPNSTA Yorktown IRP Sites: *use veloxes FOR CLEAR PRINTS OF PHOTOS (rather than the actual photos, which won't reproduce well)*

#19

Site 19 - Conveyor Belt Soils at Building 10. Soils under the conveyor belt are contaminated with TNT

#2, 12, 16, 17

This photo is the typical condition of Sites 2, 12, 16 and 17.

2- Turkey Road Landfill. Mercury and zinc carbon batteries, electrical devices, drums, construction rubble and missile hardware disposed.

12- Barracks Road Landfill. Scrap metal, drums, tires, garbage, scrap wood, some explosives-contaminated packaging, and possibly solvents disposed.

16- West Road Landfill. Dry cell carbon batteries, banding materials, pressure transmitting fluid, chemicals and drums disposed.

17- Holm Road Landfill. Acid batteries, hydraulic fluids, drums and scrap metal disposed.

#11

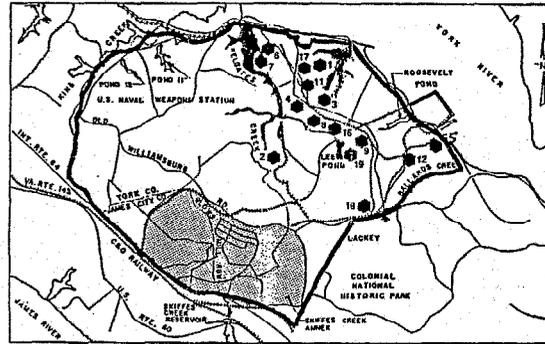
Site 11-Abandoned Explosives Burning Pits. Received ashes and residues from open burning of TNT, RDX, and HMX wastes and contaminated wastes and sludges.

#1

Site 1- Dudley Road Landfill. Used for general disposal, including empty oil, grease, paint and solvent containers; explosives-contaminated carbon; and waste oil.

#3,4

Indicative of Sites 3 and 4.
 3- Group 16 Magazines Landfill. Solvents, grease trap wastes, sludges from boiler cleaning operations, and oil and grease disposed.
 4- Burning Pad Residue Landfill. Received burning pad residue, batteries, fly ash and electrical transformers.



Site map of the WPNSTA Yorktown. Match numbers on map to numbers on photos.

#5

Site 5-Surplus Transformer Storage Areas. PCB-contaminated soils from transformer unit leaks present.

#7,8, 9,18

Representative picture of Sites 7,8,9,18.
 7- Plant 3 Explosives-Contaminated Wastewater Discharge Area. Received explosives-contaminated wastewater from the drain of the Loading Plant.
 8- NEDED Explosives-Contaminated Wastewater Discharge Area. Received floor drain wastewater contaminated with explosives, solvents, spent/neutralized acids, acetone and other chemicals.
 9- Plant 1 Explosives-Contaminated Wastewater Discharge Area. Received wastewater contaminated with explosives and possibly organic solvents.
 18-Building 476 Discharge. Drainage ditch received battery acid discharge including metals.

#6

Site 6-Explosives-Contaminated Wastewater Impoundment
 3-acre area received explosives-contaminated wastewater from 2 buildings.

Community Input to the IRP:

WPNSTA Yorktown is gaining valuable input from a variety of Yorktown area business and scientific interests through Technical Review Committee (TRC) meetings. Other committee members included regulatory agency personnel and civic leaders. The TRC meetings are held when a study is completed or when major project milestones are reached. The members offer suggestions, can challenge study methods or results, and serve as additional sources of information for the community.

WPNSTA Yorktown is committed to a proactive community relations policy. The Station strives to educate and inform the community regarding the remediation study and activities. Current site information is available at your local libraries

list TRC "public" members if they are to be a resource FOR PEOPLE
THIS is generally perceived as manipulative - you may want to stick with "inform"

specific libraries would be more informative, or reference to list on page 4

** you may want to use consistent language on these three "representative" site illustrations*

needs to be a bit clearer. #'s are hard to see.

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IRP PROCESS

Layout example

For more
Information:

Base Contact

Mr. Thomas Black

IRP Information Repositories

These libraries ~~are the~~ ^{serve as}

_____ (Brief explanation)

York County Public Library
(804) 898-0077

8500 George Washington Highway
Yorktown, VA 23692

Jamestown-

Newport

etc.

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