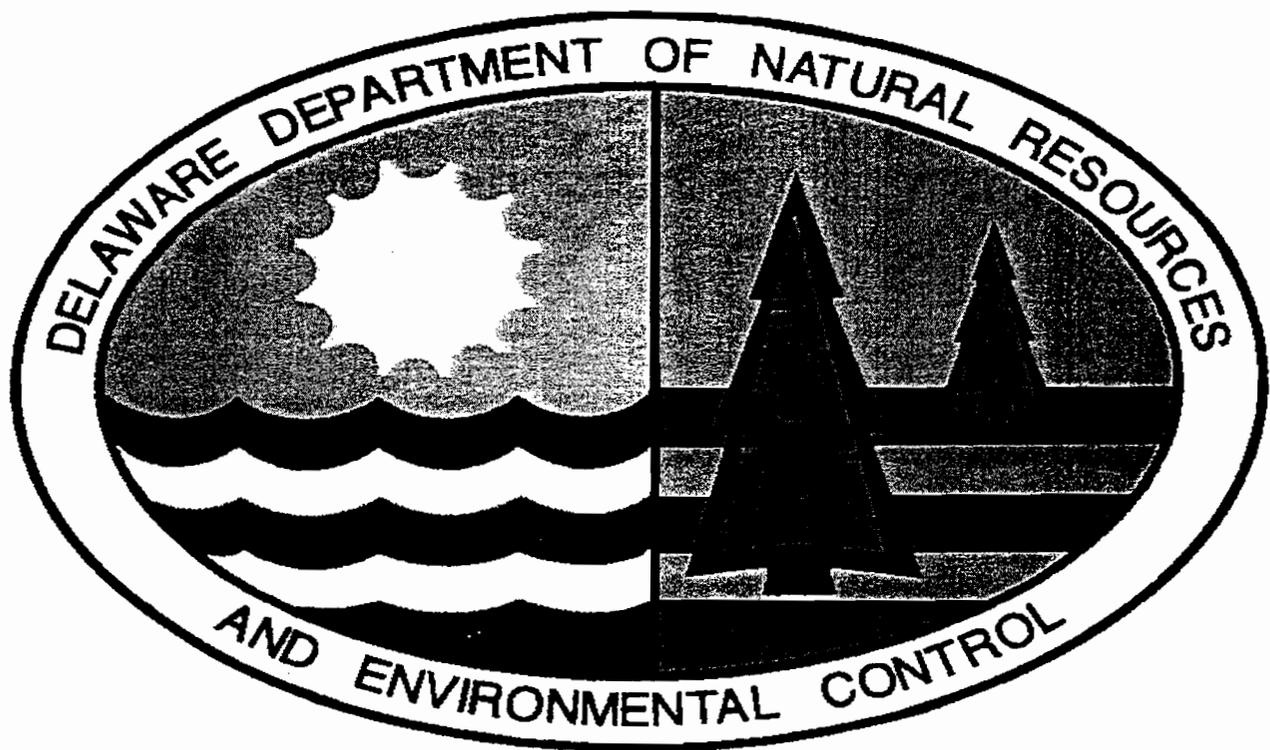


**DELAWARE HAZARDOUS SUBSTANCE CLEANUP ACT
EXPENDITURE PLAN**

FISCAL YEAR 2003



**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL
Division of Air and Waste Management
Site Investigation & Restoration Branch**

*Nicholas A. DiPasquale
Secretary*

JUNE 2002

A Message from the Secretary

For the past few years, the Department of Natural Resources and Environmental Control (DNREC or the Department), has been very successful in cleaning up contaminated properties throughout the State. Because of our efforts, many idle or abandoned properties, known as Brownfields, have been cleaned up and now serve as a benefit to their communities. These efforts are complemented by the creation of over 1,500 new jobs.

A major component of the Department's success in cleaning up contaminated properties is the continued support and strength of Delaware's Brownfields Program. Over the last year, the Delaware Economic and Development Office (DEDO) and DNREC put in place new regulations that have created a Brownfields Matching Grant Program, making our Brownfields Program much more comprehensive. This, combined with existing incentives, will make it easier for people interested in cleaning up contaminated property to obtain money to do so, and will result in more land being available for re-use.

We continue to partner with the Riverfront Development Corporation (RDC) in enhancing Wilmington's Riverfront area. Current projects include the construction of the second phase of the outlet mall center and the establishment of the Russell Peterson Urban Wildlife Refuge.

Our efforts this year have also included working with residents in the City of Wilmington to address former tannery sites that once operated in the City. Several contaminated properties that have been cleaned up now serve as charter schools. In addition, the Department has been working with the U. S. Army Corps of Engineers and the community of St. Georges to address lead paint contamination in residents' yards resulting from lead based paint peeling off the old St. Georges Bridge. The need for the Hazardous Substance Cleanup Act (HSCA) program has never been more pronounced as when action was taken to secure and safely close the Metachem facility in Delaware City.

In an effort to further protect our citizen's health, the Department and the Division of Public Health jointly conceived and implemented a study of the quality of public drinking water supplies in areas surrounding known contaminated properties. In almost all cases, the findings indicated that existing water treatment systems are doing an excellent job of cleaning the water supplies, and people are drinking good clean water.

We have also initiated a continuous quality improvement program that will result in more responsive action and better cleanup activities at contaminated properties. Our efforts to date have resulted in the investigation and cleanup of over 1,300 acres of contaminated lands, many of which have been put back into productive use.

We would like take this opportunity to thank Governor Minner for her continued leadership and support, the U.S. Environmental Protection Agency (EPA) for their guidance and financial assistance, the RDC for its efforts in addressing environmental issues as part of redevelopment

projects, and the City of Wilmington and its many communities for their input and interest in these economic and environmental goals. We are aware of the challenges before us and will continue to strive for a successful Brownfields Program that improves the environment, protects public health, benefits Delaware's communities and achieves Delaware's economic goals.

Nicholas A. DiPasquale, Secretary
Department of Natural Resources and Environmental Control

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1.0 INTRODUCTION

The Delaware Hazardous Substance Cleanup Program also known as the State Superfund Program is managed by the Department of Natural Resources and Environmental Control (DNREC), Division of Air and Waste Management, Site Investigation & Restoration Branch.

7 Del. C. Section 9104 (c) (2) of the Delaware Hazardous Substance Cleanup Act requires the Secretary of DNREC to prepare an annual budget for the proposed use of the Hazardous Substance Cleanup Fund. The following report, prepared for the Governor and the Delaware General Assembly, represents DNREC's Hazardous Substance Cleanup Program expenditure plan for fiscal year 2003.

The goal of the Department in developing and updating this expenditure plan is to provide the Legislature, other interested parties and agencies, as well as the general public, with a complete and accurate description of the Department's plans for investigating and remediating hazardous substance release sites in Delaware. The plan identifies hazardous substance release sites targeted for cleanup under State Cleanup Fund Lead, enforcement programs, and in the Voluntary Cleanup Program over the next five years.

It is important to note that during the course of a fiscal year, it becomes necessary to engage in activities which were unknown and difficult to predict at the time the annual expenditure plan was drafted (e.g., interim response actions, imminent danger abatements, etc.). Although these activities are difficult to forecast in the expenditure plan for a fiscal year, the Department accounts for such activities at the end of the fiscal year as represented in Section 3 (Accomplishments During Fiscal Year 2002) of this plan. The Department lists all activities conducted for the past year in accordance with 7 Del. C. Chapter 91, Section 9113(e), whereby the Secretary of the Department must seek approval from the Speaker of the House and the President Pro Tempore of the Senate for any expenditures from the Delaware Hazardous Substance Cleanup Fund not budgeted for in the annual expenditure plan. The Department assures that all expenditures are made in accordance with the expenditure plan budget and as necessary, to carry out the purposes of 7 Del. C. Chapter 91. The Department has never exceeded the expenditure budget in any of the years since the inception of HSCA. However, the number of sites addressed during a year may have varied from what was budgeted for that year.

This document has been broken down into distinct sections. A detailed discussion of the Delaware Hazardous Substance Cleanup Program has been included in Section 2. Section 3 outlines the site-specific and program-related accomplishments of the program during FY 2002. Other program sites addressed during FY 2002 are discussed under Section 4. The projected goals and objectives for the next five years are discussed under Section 5.

The plan also includes a write-up on the Early Compliance Detection Incentive (ECDI) Program within our Underground Storage Tank Program under Section 6. The ECDI Program provides reimbursements to responsible parties that have registered their petroleum tanks for inclusion in the program and have completed one or all of the remediation requirements at a given facility.

Section 7 of this document lists the provisional expenditures for FY 2002 and a budget for FY 2003 through FY 2007.

Section 9104 (c) (2) of HSCA also requires an audit of the fiscal affairs to be conducted annually, and the submission of the audit report to the Governor and the Delaware General Assembly on an annual basis. Please refer to Attachment A (Audit Report) for audits conducted for the fiscal affairs of FY 2001.

2.0 THE SITE INVESTIGATION AND RESTORATION PROGRAM

2.1 The Delaware Hazardous Substance Cleanup Act (HSCA)

The Delaware Hazardous Substance Cleanup Act (HSCA), 7 Del. C. Chapter 91, was passed by the Delaware General Assembly in July of 1990 and was amended thereafter in June of 1993, July of 1995, and finally in June of 2000. These amendments promote the voluntary cleanup of contaminated sites, especially the underutilized "Brownfields", thereby preserving "greenfields." The HSCA statute gives DNREC the ability to ensure cleanup of facilities with a release or a threat of release of hazardous substances. The main objective of HSCA is to enable DNREC to address those sites not remediated under the Federal Superfund Program. DNREC has identified approximately 306 sites in Delaware as potential hazardous substance release sites, of which 118 have been assigned a higher priority, (identified as posing a risk to public health, welfare, and/or the environment). Of these 118 sites, 100 sites are being addressed under HSCA with work completed at 68 sites. Additionally, 18 of the sites are being addressed under the Federal Superfund Program (National Priority List [NPL] sites) with work completed at 13 sites.

The program is funded by levying a 0.9% tax on all taxable gross receipts from the sale of petroleum or petroleum products, with the exception of crude oil. The State Program requires potentially responsible parties to pay for the costs associated with investigating, and if necessary, cleaning up a site. If a potentially responsible party cannot be identified or is unable to pay for the cleanup, monies from the HSCA Fund are utilized to perform the cleanup at the site.

2.2 The Delaware Regulations Governing Hazardous Substance Cleanup

The HSCA requires the Secretary of DNREC to promulgate regulations in order to establish procedures governing site cleanups. The Delaware Regulations Governing Hazardous Substance Cleanup (Regulations) were promulgated by DNREC on January 12, 1993 and amended on April 7, 1994, April 7, 1995, September 1996, and January 2002, respectively. These regulations describe the entire cleanup process, from the identification of a site to its final cleanup, as well as provide a definition and criteria for Brownfields.

Any facility with a release or imminent threat of release may go through one or more of the following steps:

- Facility Identification: Facilities will be identified through a variety of mechanisms, such as complaints from the public, and reports from DNREC, other state agencies or parties.
- Initial Investigation: The purpose of an initial investigation is to determine if a release or imminent threat of release of hazardous substances may have occurred that warrants further action, such as a field visit and examination of existing records.

- Facility Evaluation: The Department or any person may conduct a facility evaluation to confirm the release or imminent threat of release of hazardous substances at a facility, and develop information to evaluate threat to public health or welfare or the environment.
- Identification and Notification of Potentially Responsible Parties (PRPs): The Department shall initiate actions to identify and notify the potentially responsible parties associated with a facility where a release or imminent threat of release of hazardous substances has been confirmed.
- Priority List: The Department will prepare a priority list of facilities, from the inventory of hazardous substance release sites, where further action is necessary.
- Negotiations with Potentially Responsible Parties: The Department may require the potentially responsible parties to perform response actions by issuing a letter inviting negotiations towards preparation of a settlement agreement. If the potentially responsible parties and DNREC fail to reach a settlement agreement within 90 days, the Secretary may issue an administrative order after a hearing, or may initiate cleanup using the Hazardous Substance Cleanup Fund and pursue recovery of costs from the responsible parties. However, the Department may at any time carry out a response action at a facility, if the potentially responsible parties have not carried out the response action in a timely manner or if no potentially responsible parties can be identified.
- Remedial Investigation: A remedial investigation may be conducted at a facility to clearly describe the risks to public health, welfare or the environment, and to identify the specific problems requiring remediation. This is usually the first phase of a response action at a facility pursuant to a settlement agreement. This step involves extensive field sampling of the different media and analyses of the samples.
- Feasibility Study: A feasibility study follows a remedial investigation at a facility, and identifies the remedial alternatives appropriate to the site.
- Plan of Remedial Action: The Department shall prepare a proposed plan of remedial action outlining the alternative chosen by the Department, and provide for public notice and opportunity to comment. After review and consideration of the comments received, the Department shall issue a final plan of remedial action.
- Remediation: Based on the final plan of remedial action, the selected remedy is implemented at a facility. This process consists of distinct phases:

Remedial Design: This phase consists of preparation of engineering design reports and construction plans and specifications.

Remedial Action: This refers to the actual implementation of the remedy in accordance with the construction plans and specifications.

Operation and Maintenance (O&M) and Compliance Monitoring: O&M involves actions to maintain the effectiveness of the remedial action, whereas compliance monitoring verifies the attainment of cleanup levels and the long-term effectiveness of the remedial action.

- Interim Response Activity: The Department may require or conduct an interim action at any time before the selection of a remedy to prevent, minimize or mitigate harm to public health, welfare or the environment.

2.3 Voluntary Cleanup/Brownfields Program

The Delaware Voluntary Cleanup/Brownfields Program was developed in order to achieve the broad goal of wise land use throughout the State. It supports sound land use management with an emphasis toward sustainable economic redevelopment. Since 1993, the State of Delaware has been redirecting resources to support the rehabilitation and reuse of industrial and commercial properties, which have historically been abandoned or underutilized as a consequence of environmental contamination. In the past, the private sector's interest in purchasing and revitalizing these properties was often diminished due to the liability and cleanup costs associated with re-use of contaminated sites.

Delaware's Voluntary Cleanup Program began in August of 1993. While the developers' fear of liability could be allayed through their participation in this program, obtaining funds to cover the costs of property acquisition, cleanup and redevelopment, was still a challenge. This gave rise to the Brownfields Program in 1995 to promote the reuse of old and abandoned industrial sites. Under this program, the State provides incentives to the business community in the form of tax credits and financial assistance.

Both programs have been successful in attracting businesses to Brownfields areas. Since the inception of the programs, 154 sites have entered the program; 99 sites are currently undergoing cleanup; and 55 sites have been cleaned up for reuse. This has resulted in the reuse of 1,300 acres of abandoned and/or underutilized properties.

2.4 Ranking of Sites

Under the HSCA program, hazardous waste sites are ranked in the following order:

- (1) Sites, which pose an imminent threat to public health, welfare and the environment.
- (2) Sites under the Voluntary Cleanup Program where the private parties volunteer to investigate and cleanup a site, and are willing to expend monies up front for the project.
- (3) Other HSCA sites which need attention but are not known to pose an imminent threat to public health, welfare and the environment.

In FY 1994, the Department developed the Delaware Hazard Ranking Model to rank sites based on the relative degree of risk posed by the sites to public health, welfare and the environment. Using this ranking model, all of the sites have been prioritized. The majority of the sites

scheduled for investigation and remediation in the future are sites that have undergone some limited investigations under the Federal Superfund Program. A list of all hazardous substance release sites reported or identified in Delaware and their current status is included in Attachment B.

2.5 Cleanup Assumptions, Complexities and Delays

The Department believes that this report is based on reasonable and sound assumptions, and that the cleanup projections indicated are the most accurate that can be made at this time, on the basis of the current information. However, a number of variables, which could cause significant differences in actual versus projected site cleanup activities exist. Sometimes site investigations and cleanup activities can take years to complete. Technical complexities arise during the investigation, design and final cleanup phases. This is particularly true of sites involving contaminated groundwater in geologically complex situations or when new treatment technologies are being applied. For example, hazardous substance release sites currently believed to be of moderate size and complexity could be discovered to be large and highly complex as a result of a more extensive study (remedial investigation/ feasibility study). Similarly, sites that are currently projected for responsible party-financed cleanup could become state-financed sites and vice versa.

Finally, with the growth of the Voluntary Cleanup Program, it is difficult to predict the number of sites that will enter and be addressed under the program because a number of factors such as the economy, local land use decisions and intentions of the developer impact when the work will be performed.

2.6 Public Involvement

Another critical part of the HSCA Program is the public information process. HSCA mandates public notice at various times during the site investigation and cleanup process. The Department maintains an active community relations program for all sites under its jurisdiction. In addition to the provisions for public input in both the HSCA and the Delaware Regulations Governing Hazardous Substance Cleanup; local meetings, fact sheets, newsletters, as well as "door-to-door" canvassing are some of the other methods used by the Site Investigation & Restoration Branch to keep the public informed of site activities. The Branch strongly believes in maintaining close ties with all stakeholders in this process.

2.7 Organization of the Site Investigation and Restoration Program

As stated earlier, primary responsibility for implementation of the HSCA lies within DNREC's Division of Air and Waste Management, Site Investigation & Restoration Branch (SIRB).

SIRB currently has 33 positions. Of these, 12 are funded by the EPA and 1.5 by the Department of Defense through Cooperative Agreements; 4 by General Funds; 14.17 by the Delaware Hazardous Substance Cleanup Act Fund and from reimbursements by private parties for oversight of cleanup of their sites; and 1.33 by the Delaware Hazardous Substance Cleanup Act Voluntary Cleanup Program Fund and from reimbursements by private parties for oversight of cleanup of their sites. Attachment C depicts the organization of the Branch. In addition, these

funds also support positions within other branches. This includes 1 position in the Emergency Response Branch funded by EPA; 1.5 positions in Accounting funded by EPA; 1.5 positions in Accounting funded by the HSCA Fund; and 1 position in Enforcement funded by the HSCA Fund. Finally, there are 3 positions within the Underground Storage Tank Branch funded by the HSCA Fund to cleanup leaking underground storage tank sites.

3.0 ACCOMPLISHMENTS DURING FISCAL YEAR 2002

Fiscal year 2002 was a year of many accomplishments while trying to re-focus the Site Investigation and Restoration Branch. In addition, adjusting to the slow-down of not only the national economy, but also the State of Delaware's economy impacted the type and number of accomplishments. The following pages describe the accomplishments of the program, both site-specific and program-related.

3.1 Site-Specific Accomplishments

Each year in the annual expenditure plan, the HSCA Program, in accordance with 7 Del. C. Section 9104(c), attempts to project the goals related to site investigation and remedial activities for the upcoming fiscal year. In evaluating these projections, three critical assumptions must be recognized: (1) the potentially responsible parties are willing to enter into settlement agreements with the Department, (2) that the sites are not highly complex and do not require extensive investigative activities, and (3) the specific phase or activity will occur within a period of time typical for that activity.

While the Department was able to exceed projected commitments for one category (i.e., facility evaluations), the goals for the other categories were not satisfied due to site-specific circumstances. The primary difficulty encountered was working with responsible parties that were experiencing, or claiming to experience, difficulties in being able to pay for the required investigation or remedial costs associated with cleanup activities. Further, some sites were found to be more complex than others and, therefore, involved more investigative and remedial activities. Consequently, it took the Department longer to complete activities at many sites.

This year, the program experienced an increase in the demand for Department oversight of investigative and remedial activities under the Voluntary Cleanup Program (VCP). The Department, under a policy signed by the Secretary, has assigned a high priority for sites addressed under the VCP. Cleanup of sites under the VCP not only protects public health and the environment, but also promotes the reuse of Brownfields sites for commercial and industrial activities, thereby preserving pristine areas or "greenfields."

The following table compares the projected goals with the actual accomplishments for fiscal year 2002:

HSCA SITE SUMMARY FE/RI/FS ACTIVITIES		
PHASE OF CLEANUP	PROJECTED	ACCOMPLISHED
FE/RI/FS (Fund Lead)		
On-Going	11	18*
Complete	10	3
FE/RI/FS (PRP Lead)		
On-Going	10	29
Complete	17	0

* It should be noted that several of these projects involved multiple properties. One project consists of the investigation of 53 former tannery complexes involving over 400 current properties. Another project included the testing of over 61 sources of public drinking water, which is both treated and untreated water. A third project involved the testing of over 200 properties in the town of St. Georges.

HSCA SITE SUMMARY RD/RA INTERIM ACTION ACTIVITIES		
PHASE OF CLEANUP	PROJECTED	ACCOMPLISHED
RD/RA/Interim Action (Fund Lead)		
On-Going	3	9
Complete	6	0
RD/RA/Interim Action (PRP Lead)		
On-Going	1	14
Complete	12	0

VCP SITE SUMMARY OF ACTIVITIES		
Status Of Activities	Projected	Accomplished
On-Going Investigation and Cleanup Activities	32	57
Completed Investigation and Cleanup Activities	29	14

The following is a list of sites where cleanup activities were initiated, are on-going, and/or were completed during FY 2002:

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
FE/RI/FS (Fund Lead)	Complete	Five Points Fire Company
		Public Drinking Water Wells in Close Proximity to HSCA Sites
		Rutkowske Farm
FE/RI/FS (Fund Lead)	On-Going	Berger Brother

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
		Christina Park
		Fawcett Property
		Former Tannery Sites in Wilmington (53 Possible Sites)
		Former W.B. Clerk Morocco Manufacturing Co. Site
		Fort Miles
		Healthways OU2 Wetlands Area
		Joe White Ballfield
		Kruse Playground
		Lilly Fasteners
		Lucas Trailer Park
		Millsboro Dump Site
		Nanticoke River Marina
		Riverfront West Sites (6 Potential Sites)
		Rt. 9 TCE
		St. George's Bridge
		Town of Elsmere Property
		Wilmington Rolling Mill
FE/RI/FS (PRP Lead)	On-Going	100 Walnut Street
		12th Street Drum
		Amer Property
		American Scrap and Waste Company
		Amp Circuit
		Army Creek Marsh
		Christina Labs
		Citi Steel
		Cress Collision Services, Inc.
		Denton Landfill
		Dravo Marsh
		Electric Hose and Rubber

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
		Former Amoco Polymer Plant
		Former DP&L Substation: Holly Oak
		George Gray School
		Harry Wood Landfill
		Hessler Property
		ICI Americas Inc. Atlas Point Site
		Necastro Auto Salvage
		Old Incinerator Ash Landfill
		Reichhold Chemical Inc.
		St. Georges Bridge
		Stadium Site
		Summit Landfill
		Sussex County Landfill #1, Bridgeville
		Sussex County Landfill #2, Stockley
		Sussex County Landfill #3, Angola
		Sussex County Landfill #6, Omar
		Wilmington Coal Gas Northern Section
INTERIM ACTION RD/RA (Fund Lead)	On-Going	Capitol Cleaners
		Georgetown Cleaners
		Healthways OU2, Wetland Areas
		Helen Chambers Park
		Meco Drive
		Milford Mosquito Control Shop
		Seaboard Lumber
		Syntech
		Toni Dry Cleaners
INTERIM ACTION RD/RA (PRP Lead)	On-Going	Amtrak Wilmington Refueling Facility
		Army Creek Marsh
		Clayville Dump

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
		Denton Landfill
		DP&L Indian River
		Former Amoco Film Plant
		Former Amoco Polymer Plant
		Former DP&L Substation-Elsmere
		Fox Point Phase II
		ICI Americas Atlas Point
		NVF Yorklyn (EPA Removal)
		Potts Property
		Potts Property
		Wilmington Coal Gas Northern Section
VCP Sites	Complete	101 N. Poplar Street
		201/205 A Street
		900/920 French street
		Bancroft Mills
		Deemer Steel Site OU-1
		Deemer Steel Site OU-2
		Deemer Steel Site OU-3
		Del Chapel OU3
		Bellanca Hangar site
		Five Points Fire Company
		Helen Chamber Park
		Lewes Boat Yard
		Red Lion Property
		Sardo and Sons
VCP Sites	On-Going	121 N. Poplar Street
		12th Street Associates
		200 South Market Street
		207 A Street

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
		210 Greenhill Ave.
		415-427 Tatnall Street
		503 South Market Street
		524 South Walnut
		560 Terminal Avenue
		A.M. Domino Jr. Salvage Co.
		A-1 Auto Parts
		American Tank Cleaning
		Bayshore Car and Truck Rental
		Brandywine Fibers
		Budd Metal
		Caspers Auto Salvage
		City of Dover Public Works
		Clayville Dump
		Cobra Machine and Fabrication
		Del Chapel OU4
		Delaware Car Company
		Delaware Job Corps
		DelDOT West Street Connector
		Diamond Oil
		Don Wilson Auto Parts
		Dover Public Works
		Dravo Shipyard – Harbor Associates
		Eagle Run
		East 7 th Street Drum Site
		Estate of Lester Nolan
		Former Amoco Polymer Plant
		Former Dover Ice Plant
		Former Sunoco Tank Farm

PHASE OF CLEANUP	STATUS	FY 2002 ACCOMPLISHMENTS
		Fourth Street Bridge
		George Gray School
		Georgetown Coal Gas
		Harper Thiel
		Juniors Auto Parts
		Kenton Landfill, Houston
		Krieger Finger
		Merkin Auto Spring Company
		New Castle Fire School
		Newark Landfill
		Newport Boat Ramp
		NVF Company, Newark
		Old Limestone Garage
		Peninsula Park, LLC
		Penn Del
		Port of Wilmington
		Riverfront Office Building
		Route 4 Orchard
		Sardo and Sons
		Schusters Auto Salvage
		Scull Property
		Two Guys Auto Parts
		Wilmington Coal Gas Southern Section
		Wilmington Public Works Yard

3.2 Program-Related Accomplishments

- Brownfields

DNREC drafted Brownfields enabling legislation that will assist us in our efforts to redevelop contaminated properties. This legislation provides clarity to the definition of the Brownfields sites in Delaware and enhances the coordination between DNREC and the Delaware Economic

Development Office. Over the past year, DNREC's Brownfields Coordinator made a presentation at the National Brownfields Conference held in North Carolina. DNREC's Brownfields team also hosted a VCP Working Group meeting in which stakeholders identified obstacles and solutions to issues affecting Brownfield redevelopment in Delaware.

New Brownfields legislation also doubled the amount of Brownfields grant monies to a million dollars a year. DNREC coordinated an award-winning competitive Brownfields Job Training and Development grant awarded by the EPA. This grant partners the City of Wilmington, the New Millennium Community Development Corporation (CDC), and the Delaware Technical Community College (DTCC). The grant affords \$200,000 to train un/underemployed residents of the City of Wilmington who reside in communities impacted by Brownfields.

- EQuIS Computer System:

DNREC has continued to invest in new technology to aid in speeding up the review time of environmental clean-up work plans and reports, which reduces the cost of oversight of clean-up activities associated with the VCP and HSCA enforcement programs. DNREC is now capable of receiving analytical and geological information in an electronic format using customized software for data storage and management. The data management tool used by DNREC is known as the Environmental Quality Information System, or EQuIS. Over the last year, DNREC has developed and published guidance documents and trained consultants and staff on how to put together an electronic data package for submittal. During the next year, DNREC will require all of the environmental reports that we receive to be submitted electronically. By using this system, DNREC will aid the public by making this information available through our Web Site.

- Public Outreach Efforts:

The Site Investigation & Restoration Branch has continued its effort to educate the public on the Superfund process. Much of this effort over the past year has been in providing information to schools, students, local residents, and public officials to including approximately 3,000 individuals.

The Branch also participated in Coast Day and State Fair celebrations, as well as the Annual 1st USA and Riverfront Career Summit, the DelTech Community College Career Day, and the University of Delaware Department of Family and Policy Seminars in area schools. In addition to this outreach, the Branch participated in William Hicks Anderson Community Outreach Day and the West Center City Neighborhood Planning Center's Community Days.

DNREC continued to have a good working relationship with the City of Wilmington, as expressed in the Memorandum of Understanding (MOU) between DNREC and the City.

4.0. OTHER PROGRAM SITES ADDRESSED DURING FISCAL YEAR 2002

The table below lists sites to which a HSCA funded position may have charged time. The programs include EPA National Priority List (NPL), Department of Defense (DOD), Formerly Used Defense (FUDs), Federal Fish and Wildlife (F&W), EPA Preliminary Assessment and Site

Investigation (PA/SI) and EPA Brownfields PA II (BPAII) sites. DNREC has oversight responsibilities for these sites.

SITE STATUS / PHASE	FY 2001 ACCOMPLISHMENTS
NPL SITES (ON-GOING)	
	Sussex County Landfill #5
	Harvey & Knott Drum
	Harbeson Dead Swan
	Army Creek Landfill
	Cokers Landfill #1 & #2
	Delaware City PVC Plant
	Wildcat Landfill
	Delaware Sand & Gravel Landfill
	Tybouts Corner Landfill
	Metal Masters
	Dover Gas Light Company
	Halby Chemical
	E.I. duPont, Newport Landfill
	Standard Chlorine Co. /Metachem
	Koppers Co. Facilities
	Dover Air Force Base
	NCR Corp.
	Chem-Solv Inc.
DOD GRANT SITES (ON -GOING)	Delaware Air National Guard
	Bethany Beach
	New Castle Army Air Field
FUDS (ON-GOING)	Governor Bacon Health Center
	Newark Former Munitions
	Fort Miles
FUDS (COMPLETE)	Broadkill Beach FC Station
	Cape Henlopen FC Station
	Fowlers FC Station #10
	Bethany Beach Annex
FEDERAL F & W AGENCY	Prime Hook Refuge Area
PA/SI GRANT WORK	Applied Technology
	Citi Steel A
	CitiSteel B
	Travalini
	Borden Chemical Company
	Glasglow Drive Dump

SITE STATUS / PHASE	FY 2001 ACCOMPLISHMENTS
	Sun Oil Facility
BPA II	
	Dover West-Side (A)
	Dover West-Side (B)
	Dover West-Side (C)
	Wilmington Train Yard

5.0 FIVE-YEAR PROJECTED CLEANUP GOALS AND OBJECTIVES (FY 2003 - FY 2007)

5.1 Five-Year Projected Cleanup Plans (FY 2003 – FY 2007)

The following represents projected phases of investigative and remedial activities for currently identified sites during FY 2003 through FY 2007. These projections are based on several assumptions (e.g., the site will require additional phases of investigation, the site will require some degree of remediation, etc.), and are therefore difficult to confirm until the results from a particular phase are assessed. (Section 2.0 discusses the steps and factors involved in the cleanup process). The Department will use the following schedule as a guide and will make the necessary adjustments to this schedule by incorporating actual site-specific information as it becomes available.

PHASE OF CLEANUP	FY2003	FY 2004	FY 2005	FY 2006	FY 2007
FE/RI/FS (State/Fund Lead)	5 complete 8 on-going 1 commence	5 complete 4 on-going 7 commence	5 complete 6 on-going 5 commence	5 complete 6 on-going 5 commence	5 complete 6 on-going 5 commence
FE/RI/FS (HSCA PRP Lead)	6 complete 11 on-going 1 commence	5 complete 7 on-going 5 commence	5 complete 7 on-going 5 commence	5 complete 7 on-going 5 commence	5 complete 7 on-going 5 commence
RD/Remedial Action /Interim Action (State/Fund Lead)	1 complete 1 on-going 1 commence	1 complete 1 on-going 1 commence	1 complete 1 on-going 1 commence	1 complete 1 on-going 1 commence	1 complete 1 on-going 1 commence
RD/Remedial Action /Interim Action (HSCA PRP Lead)	1 complete 4 on-going 1 commence	2 complete 3 on-going 2 commence	2 complete 3 on-going 2 commence	2 complete 3 on-going 2 commence	2 complete 3 on-going 2 commence
FE/RI/FS (VCP)	11 complete 52 on-going 8 commence	10 complete 50 on-going 10 commence			
RD/Remedial Action /Interim Action (VCP)	5 complete 5 on-going 1 commence	2 complete 4 on-going 2 commence	2 complete 4 on-going 2 commence	2 complete 4 on-going 2 commence	2 complete 4 on-going 2 commence

5.2 Site-Specific Goals For Fiscal Year 2003

The Site Investigation & Restoration Branch anticipates that the next fiscal year will be productive. The following table lists the site-specific goals for FY 2003.

PROGRAM	PHASE OF CLEANUP	FY 2003 GOALS	SITE NAME
HSCA (Fund)	FE/RI/FS	Complete	Capitol Scrap
			Fawcett Property
			Millsboro Dump Site
HSCA (Fund)	FE/RI/FS	On-Going	Old Limestone Road Garage
			12th Street Drum Site
			17 Solid Waste Sites
			Draper Jones
			Former Tannery Sites *
			Georgetown Cleaners
			Meco Drive Site
			Metachem
			Milford Mosquito Control Shop
			Syntech
HSCA (Fund)	O&M	On-Going	Fox Run *
HSCA (Fund)	RD/RA	On-Going	Helen Chambers Park
			St. Georges Bridge *
HSCA (PRP)	FE/RI/FS	Complete	Former Holly Oak Substation
			Sussex Co Landfill #2 Stockley
			Sussex Co Landfill #3 - Angola
			Sussex Co Landfill #4
			Sussex County #6-Omar
			Sussex County Landfill #1
HSCA (PRP)	FE/RI/FS	On-Going	100 Walnut Street
			Christiana Labs
			Cobra Machine
			Delaware Air National Guard
			Dravo Marsh
			Electric Hose & Rubber Recon
			Former DP & L Elsmere Substation
			Harry Wood Landfill
			Hessler Property
			Kruse Playground Site
			Stadium Site
HSCA (PRP)	O&M	On-Going	Chicago Bridge & Iron Co - Ou2
			Hastings Dry Cleaners
			Kent County Landfill Houston
HSCA (PRP)	RD/RA	Complete	Reichhold Chemical
HSCA (PRP)	RD/RA	On-Going	Denton Landfill

PROGRAM	PHASE OF CLEANUP	FY 2003 GOALS	SITE NAME
VCP	FE/RI/FS	Complete	1200 Walnut Street
			200 South Market Street
			210 Green Hill Avenue,
			560 Terminal Ave
			Clayville Dump
			Former Amoco Polymer Plant
			Georgetown Coal Gas
			Kenton Landfill - Ou1
			New Castle Fire School
			Newark Landfill
			Sardo And Sons
VCP	FE/RI/FS	On-Going	4 (FE) + 8 RI/FS - New VCP Sites
			4 FES (New)
			415-427 Tatnall Street Property
			A-1 Auto Parts
			Amer Industrial Technologies
			American Tank Cleaning Co
			Amtrak Wilmington Refueling Facility (VCP)
			Caspers Auto Parts
			Citi Steel Area A
			Cobra Machine And Fabrication Inc.
			Cress Collision Services, Inc.
			Del Chapel Ou4 (Gw)
			Diamond Oil
			Don Wilson Auto Parts
			Former Amoco Film Plant
			Former Gildea Nursery
			Former Sunoco Tank Farm
			George Gray School
			Georgetown Coal Gas (VCP)
			Harper Theil
			Hay Street Sludge Drying
			ICI (VCP)
			JG Townsend Cannery
			Juniors Auto Parts
			King Cole Cannery Remedial
			Kreiger Finger
			Krieger Finger
Merkin Auto Spring Company			
Necastro Auto Salvage			
New Castle Fire School (VCP)			
Old Incinerator Ash Landfill			

PROGRAM	PHASE OF CLEANUP	FY 2003 GOALS	SITE NAME
			Peninsula Park LLC
			Penn Del
			Port Of Wilmington -
			Riverfront Office Building
			Rt. 4 Orchard
			Schusters Auto Salvage
			St. Georges Bridge
			Two Guys Auto Parts
			Wilmington Coal Gas North (Capitol Cleaners
			Wilmington Public Works Yard
VCP	O&M	On-Going	400 South Madison Street
			Fraziers Pit
			May B. Leasure Elementary School
			Moore Dump
			Reichhold Chemical Inc.
			Sealand, Mt. Pleasant
			Sussex Lumber Co
VCP	RD/RA	On-Going	Delaware Job Corp
VCP	RD/RA	On-Going	Dravo Ship Yard- Amer Industrial Tech
			Lewes Boat Yard Site
			Sardo And Sons

* It should be noted that several of these projects involve multiple properties. One project consists of the investigation of 53 former tannery complexes involving over 400 properties. Another project includes the testing of over 61 sources of public drinking water, which is both treated, and untreated water. A third project involves the testing of over 200 properties in the town of St. Georges.

5.3 Program-Related Goals and Objectives For Fiscal Year 2003

The following represents the program-related goals and objectives for FY 2003:

- Complete Phase I of the removal action at St. Georges.
- Complete surface soil assessments for the Tannery Sites Initiative.
- Continue to work on the National Priority List (NPL) sites.
- Complete regulations for improving ability to address petroleum releases and petroleum additives.
- Implement electronic data management system using EQuIS.
- Publish a Superfund Annual Report for fiscal years 2001 and 2002 describing the progress and activities at the sites.
- Publish HSCA expenditure plan for FY 2004.
- Publish a newsletter for HSCA.

- Revitalize and put back into reuse 20 acres of Brownfields sites.
- Certify 20 sites as Brownfields.
- Establish formal Operation and Maintenance (O&M) and Institutional/Land Use Control Programs for completed sites using Miss Utility and O&M/Land Use Controls Inspection Programs.
- Continue to develop a Continuous Quality Improvement Program for the VCP Program and the Branch overall.

6.0 THE EARLY COMPLIANCE DETECTION INCENTIVE PROGRAM (ECDI)

The Early Compliance Detection Incentive Program is managed by DNREC's Division of Air and Waste Management, Underground Storage Tank (UST) Branch. It provides reimbursement to responsible parties who have conducted cleanup activities of leaking underground storage tanks on their own. Reimbursement is provided as the applications are received and reviewed under the provisions of the Program. In the event that the requests for reimbursement exceed the funding level, the approved requests will be reimbursed the following year.

In addition to the ECDI program, HSCA money is used to fund the orphaned and abandoned UST program activities. In the FY 2000 appropriation act, the General Assembly authorized up to \$500,000 each fiscal year from the HSCA fund be used to address the removal and remediation of orphaned and abandoned UST systems in the state. The Department named the program "FIRST Fund" and adopted FIRST Fund policy and procedures to ensure appropriate expenditure of funds on March 15, 2000. Since March 2000, the UST Branch conducted remedial work including tank removals at a total of 5 sites. Of the 5 sites, three (3) of these sites have received a "no further action" determination. HSCA funds spent during 2000, 2001 and through February 2002 total \$33,470.17.

SITE NAME	SITE ID NO.	STATUS	DETERMINATION
Jones Atlantic	3-000288	On-going	Corrective Action
Charles Wagner Property	5-000849	On-going	Corrective Action
Cochran Residence	3-002091	Complete	No Further Action
Reynolds Property	1-000527	Complete	No Further Action
Lobozzo Residence	3-002096	Complete	No Further Action

During 2001, the UST Branch received a federal UST Fields pilot project grant of \$100,000. The grant money was used to leverage the initial HSCA funds. To date, \$57,566.32 of the UST Fields grant funds have been spent in total. The UST Branch is currently investigating the eligibility of 38 additional sites for entrance into the FIRST Fund. The UST Branch developed state contracts for UST removal and leaking UST site investigation services which was signed in June 2002.

To date in ECDI, 515 reimbursements have been made from the Fund, for a total expenditure of \$12,458,944.16. The reimbursements have been disbursed to 123 sites, 64 of which have received a "no further action" letter from the Department. The 64 sites that are closed were reimbursed a total of \$5,162,327.04. Calendar year numbers are included in the attachments.

The following is the amount reimbursed in each calendar year:

<u>YEAR</u>	<u>AMOUNT (\$)/CALENDAR YEAR</u>	<u>AMOUNT (\$)/FISCAL YEAR</u>
1991	222,997.22	140,801.83
1992	810,668.66	310,819.39
1993	679,816.48	845,071.64
1994	740,576.58	850,000.00
1995	1,622,330.81	1,300,751.69
1996	1,075,020.68	1,267,703.86
1997	1,578,966.93	1,360,025.62
1998	1,158,735.31	1,350,000.00
1999	1,579,723.01	1,350,000.00
2000	996,604.04	1,277,250.76
2001	1,185,883.65	1,175,521.03
2002	807,620.79	1,230,998.34
TOTAL TO DATE (5/30/2002)	12,458,944.16	12,458,944.16

Total Cost at "No Further Action" Sites = \$5,162,327.04
 Average cost per site = \$101,292.24
 Average Cost per "No Further Action" Site = \$80,661.36

7.0 EXPENDITURES

The HSCA Fund generates an estimated \$3.9 million in revenue annually. The table on the following page represents provisional expenditures during FY 2002 and a detailed budget projection for FY 2003 through FY 2007.

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ATTACHMENT D: GLOSSARY

DNREC

The Department of Natural Resources and Environmental Control.

ECDI Program

The Early Compliance and Detection Incentive Program, which provides reimbursements to responsible parties who have conducted cleanup activities of leaking, underground storage tanks.

Facility Evaluation (FE)

This involves a limited scope of investigation to confirm the release or a threat of release of hazardous substances, to develop information to evaluate the risk to public health, welfare and the environment, to determine the relative priority of a facility and to determine what further action is needed at the site.

Facility Identification

The process of identifying facilities with a release of hazardous substances, based on complaints from the public, reports from other agencies or parties, etc.

Feasibility Study (FS)

This process follows the remedial investigation and identifies the remedial alternatives appropriate to the site.

HSCA

The Delaware Hazardous Substance Cleanup Act first enacted in July of 1990, and later amended in June of 1993 and July of 1995 respectively. It is also known as the State Superfund Program.

HSCA Fund

A fund created for the purpose of addressing hazardous substance release sites in Delaware. The Fund consists of revenues from a 0.9% tax on gross receipts from petroleum products, penalty monies, and monies obtained through recovery of costs from potentially responsible parties.

Identification and Notification of Potentially Responsible Parties (PRPs)/PRP Search

The process whereby the Department will initiate actions to identify and notify the PRPs associated with the facility where a release or a threat of release has been confirmed.

Initial Investigation

The process of determining if a release or imminent threat of release of hazardous substances may have occurred that warrants further action. This can include a field visit and an examination of existing records.

Interim Action

An action at a site to prevent, minimize or mitigate harm to public health, welfare and the environment while the investigation and the study are ON-Going.

Operable Unit (OU)

A portion of a Superfund site that is addressed separately from the rest of the site to allow for easier management or a more timely response.

Operation and Maintenance (O & M)

Actions to ascertain the effectiveness of the remedial action.

Potentially Responsible Parties (PRPs)

Parties, including owners, and operators, who may have contributed to the contamination at a site, and may be liable for costs related to response actions at that site.

PRP Lead

This refers to a site where the PRP(s) performs investigative and remedial actions, and bears the costs of those activities.

Remediation

The implementation of a selected remedy that may consist of phases such as design, construction, operation and maintenance, and compliance monitoring.

Remedial Action (RA)

This is a response action at a site that involves the containment, treatment, isolation, and removal of hazardous substances in order to prevent, minimize, or mitigate harm to public health, welfare and the environment.

Remedial Investigation (RI)

This is an extensive investigative study conducted at a facility to define the risks to public health, welfare and the environment.

State/Fund Lead

This refers to a site where a PRP: (1) cannot be identified; (2) is unwilling to perform investigative or remedial activities; and (3) is unable to pay for cleanup. In such instances, the Department may carry out the investigative and remedial activities at the site using monies from the HSCA Fund.

Voluntary Cleanup Program (VCP)

A program established by the Site Investigation & Restoration Branch in order to promote voluntary remediation of contaminated sites. It is hoped that this will also promote the economic development of brownfields, thereby conserving greenfield areas.

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HAZARDOUS SUBSTANCE CLEANUP ACT
EXPENDITURE PLAN
FY2003 - FY2007
(in thousands)

	FY2002*	FY2003	FY2004	FY2005	FY2006	FY2007
Revenue Total	628.00	6107.00	6400.00	6400.00	6400.00	6400.00
Revenue Sources						
Tax Receipts	5151.00	5000.00	5000.00	5000.00	5000.00	5000.00
Private Party Cleanup Reimbursement	227.00	300.00	400.00	400.00	400.00	400.00
Interest on Deposits	890.00	800.00	1000.00	1000.00	1000.00	1000.00
Prior Year Carry Over	20101.00	22939.06	9358.95	6197.72	4879.00	3771.20
Expenditure Total	522.00	17294.03	7016.21	7154.36	4923.50	4896.67
Program						
Superfund	2034.03	17294.03	7016.21	5154.36	4923.50	4896.67
Underground Storage Tank	1395.91	2386.09	2545.02	2564.37	2584.30	2604.83
Administrative Cost	855.93	1143.45	1166.04	1199.45	1233.87	1269.31
Superfund	455.91	725.03	590.71	606.86	623.50	640.64
Underground	400.02	418.43	575.33	592.59	610.36	628.68
Remediation Cost	2574.01	18536.66	8395.19	6519.28	6273.93	6232.18
Superfund	1578.12	16569.00	6425.50	4547.50	4300.00	4256.03
Underground Storage Tank	995.89	1967.66	1969.69	1971.78	1973.93	1976.15
Expenditure Detail						
Total Superfund	2034.03	17294.03	7016.21	5154.36	4923.50	4896.67
Administrative Cost	455.91	725.03	590.71	606.86	623.50	640.64
Salaries	152.04	209.80	216.09	222.58	229.25	236.13
Operating Costs	303.86	462.98	322.37	332.04	342.00	352.26
Division of Revenue Expenses	63.31	52.25	52.25	52.25	52.25	52.25
Remediation Cost	1578.12	16569.00	6425.50	4547.50	4300.00	4256.03
Site Discovery/Site Assessment		711.00	611.00	611.00	611.00	611.00
Facility Evaluation Oversight		125.00	125.00	125.00	125.00	125.00
Facility Evaluations		386.00	336.00	336.00	336.00	336.00
Analytical		150.00	100.00	100.00	100.00	100.00
Drilling		50.00	50.00	50.00	50.00	50.00
Well Abandonment		36.00	36.00	36.00	36.00	36.00
Salvage Yard Initiative (5 sites)		150.00	150.00	150.00	150.00	150.00
Responsible Party Searches		50.00	50.00	50.00	50.00	50.00
Basin Team PCB Assessments		150.00	100.00	100.00	100.00	100.00
Capital Outlay		48.00	48.00	48.00	48.00	48.00
Instruments						
GC/MS		15.00	15.00	15.00	15.00	15.00
FID/PID		5.00	5.00	5.00	5.00	5.00
X-ray Fluorescence Spectrometer		15.00	15.00	15.00	15.00	15.00
Global Positioning Equipment		3.00	3.00	3.00	3.00	3.00
Mobile Lab		10.00	10.00	10.00	10.00	10.00
Data Integration		50.00	50.00	10.00	10.00	10.00
Private Party Cleanup		550.00	566.50	583.50	601.00	619.03
Remedial Oversight		550.00	566.50	583.50	601.00	619.03
Fund-Financed Cleanup		15260.00	5200.00	3305.00	3040.00	2978.00
Site Remediation						
12th Street Drum Site (EPA Removal)		7.00	20.00	20.00	20.00	20.00
7th Street Drum Site		5.00	5.00	5.00	5.00	5.00
Army Creek Marsh		30.00	5.00	5.00	5.00	5.00
Berger Brothers		5.00	5.00	5.00	5.00	5.00
Butler Well		1.00	1.00	1.00	1.00	1.00
Capitol Cleaners		350.00	100.00	50.00	50.00	50.00
Christina Park * 1		500.00	50.00	10.00	10.00	10.00
Diamond State Salvage (EPA Removal)		1.00	1.00	1.00	1.00	5.00
Dravo Marsh		300.00	30.00	20.00	10.00	5.00
Fawcett Property		15.00	5.00	5.00	5.00	5.00
Former Tannery Sites in Wilmington * 2		200.00	150.00	100.00	100.00	100.00
Fort Miles		75.00	2.00	2.00	2.00	2.00
Fox Point Park Phase I Repairs		75.00	1.00	1.00	1.00	1.00

**HAZARDOUS SUBSTANCE CLEANUP ACT
EXPENDITURE PLAN
FY2003 - FY2007
(in thousands)**

	FY2002*	FY2003	FY2004	FY2005	FY2006	FY2007
Fox Point Park Phase II		700.00	500.00	100.00	100.00	100.00
Governor Bacon * ³		750.00	20.00	5.00	5.00	5.00
Georgetown Cleaners		60.00	25.00	25.00	25.00	25.00
Harper Thiel		80.00	20.00	5.00	5.00	5.00
Heathways OU1		25.00	5.00	5.00	5.00	5.00
Heathways OU2		150.00	50.00	50.00	50.00	50.00
Helen Chambers Park * ¹		250.00	150.00	30.00	20.00	10.00
Hillside Road		250.00	250.00	25.00	25.00	25.00
Joe White Ballfield * ¹		200.00	25.00	10.00	10.00	10.00
Kruse Playground * ¹		200.00	25.00	10.00	10.00	10.00
Leisure Haven Mobile Home Park		1.00	1.00	1.00	1.00	1.00
Lucas Trailer Park		25.00	25.00	5.00	5.00	5.00
Meco Drive Site		350.00	100.00	10.00	10.00	10.00
Metachem * ⁴		5000.00	1000.00	1000.00	1000.00	1000.00
Milford Mosquito Control Shop		600.00	200.00	100.00	50.00	25.00
Millsboro Dump Site		1.00	1.00	1.00	1.00	5.00
Nanticoke River Marina		5.00	5.00	5.00	5.00	5.00
Public Drinking Water Wells		200.00	100.00	100.00	100.00	100.00
Quillen Pit		2.00	2.00	2.00	2.00	2.00
Riverfront West Sites		75.00	50.00	50.00	25.00	25.00
Seaboard Lumber		500.00	500.00	100.00	50.00	25.00
St. George's Bridge * ³		1001.00	25.00	25.00	25.00	25.00
Stadium Site		10.00	25.00	100.00	50.00	50.00
Syntech * ⁵		1020.00	200.00	100.00	50.00	50.00
Toni Dry Cleaners		1.00	1.00	1.00	1.00	1.00
Town of Elsmere Property		50.00	25.00	10.00	5.00	5.00
Other Waste Program Referrals		150.00	150.00	150.00	150.00	150.00
W.B. Clerk Former Tannery Site * ²		400.00	200.00	25.00	10.00	5.00
Orphan Sites		50.00	100.00	100.00	100.00	100.00
O&M General Costs		250.00	200.00	200.00	200.00	200.00
Wilmington Skating Park * ¹		200.00	100.00	25.00	25.00	25.00
Emergency Response		200.00	200.00	200.00	200.00	200.00
Miss Utility and O & M Program		30.00	30.00	30.00	30.00	30.00
Technical Assistance/Contractual Support		200.00	150.00	150.00	150.00	150.00
Vapor Intrusion at HSCA Sites		100.00	50.00	10.00	10.00	10.00
HSCA Loan Program		600.00	300.00	300.00	300.00	300.00
NPL Cost Share						
Tybout Corner Landfill		10.00	15.00	15.00	15.00	15.00
Total Underground Tanks		995.89	2386.66	2545.02	2564.37	2584.30
Administration Cost		400.02	418.43	575.33	592.59	610.36
Salaries - Underground Tanks		165.85	177.23	182.55	188.02	193.66
Operating Costs		234.17	241.20	392.78	404.56	416.70
Remediation Cost		995.89	1967.66	1969.69	1971.78	1973.93
Salaries - Underground Tanks		59.23	67.66	69.69	71.78	73.93
Orphan Site/HSCA FIRST/ECDI		936.66	1900.00	1900.00	1900.00	1900.00

* The actual receipts and expenditures provided for FY 2002 or FY2002 are through May 31, 2002 and are provisional
Expenditures include encumbrances also.

*1 Contingency estimate to cover City of Wilmington's costs.

*2 Contingency estimate to cover unknown PRP's costs.

*3 Contingency estimate to cover Army Corps of Engineer's costs if there is an inability to pay.

*4 Contingency estimate to assist EPA in covering costs.

*5 Contingency estimate to assist DEDO in covering costs.

**ATTACHMENT A:
AUDIT REPORT**

WORKING COPY

JUN 14 2001

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND

FINANCIAL STATEMENTS

JUNE 30, 2001

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
JUNE 30, 2001

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INDEPENDENT AUDITOR'S REPORT

R. Ronald Draper, CGFM
Office of Auditor of Accounts
Dover, Delaware

We have audited the accompanying statement of assets and fund balance - cash basis - of the Hazardous Substance Cleanup Fund as of June 30, 2001, and the related statement of revenue collected and expenses paid - cash basis - for the year then ended. These financial statements are the responsibility of the Department of Natural Resources and Environmental Control's (Department) management. Our responsibility is to express an opinion on these financial statements based on our audit. The financial statements of the Hazardous Substance Cleanup Fund as of June 30, 2000, were audited by other auditors whose report dated February 12, 2001, expressed an unqualified opinion on those statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As discussed in Note 2, the Department prepares the Hazardous Substance Cleanup Fund's financial statements on the cash basis, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

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INDEPENDENT AUDITOR'S REPORT (Cont'd.)

In our opinion, the financial statements referred to above present fairly, in all material respects, the cash and unencumbered cash balances of the Hazardous Substance Cleanup Fund, as of June 30, 2001, and the revenues it collected and expenditures it paid for the year then ended on the basis of accounting described in Note 1.

In accordance with Government Auditing Standards, we have issued our report dated December 7, 2001, on our consideration of the Department's internal control over financial reporting for the Hazardous Substance Cleanup Fund and on its compliance with certain provisions of laws, regulations, contracts and grants. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be read in conjunction with this report in considering the results of our audit.

McBride, Shoga & Co

Wilmington, Delaware
December 7, 2001

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
STATEMENTS OF ASSETS AND FUND BALANCE
(CASH BASIS)
JUNE 30, 2001

ASSETS

	2001	2000
Cash	<u>\$ 18,269,237</u>	<u>\$ 14,435,727</u>

FUND BALANCE

Reserve for Encumbrances	\$ 1,407,999	\$ 1,334,268
Unreserved	16,861,238	13,101,459
TOTAL ASSETS	\$ 18,269,237	\$ 14,435,727

The accompanying notes are an integral part of these statements.

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
STATEMENTS OF REVENUE COLLECTED AND EXPENSES PAID
(CASH BASIS)
YEAR ENDED JUNE 30, 2001

	<u>Administrative Account</u>	<u>Cleanup Fund</u>	<u>Holding Account</u>	<u>Total</u>
REVENUE				
Tax Assessments	\$ -	\$ -	\$ 6,782,223	\$ 6,782,223
Interest	1,272	-	880,629	881,901
Other	-	-	133	133
TOTAL REVENUES	<u>1,272</u>	<u>-</u>	<u>7,662,985</u>	<u>7,664,257</u>
EXPENDITURES				
Cleanup Program	848,289	2,984,458	-	3,832,747
TOTAL EXPENDITURES	<u>848,289</u>	<u>2,984,458</u>	<u>-</u>	<u>3,832,747</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(847,017)</u>	<u>(2,984,458)</u>	<u>7,662,985</u>	<u>3,831,510</u>
TRANSFERS				
Transfers in	982,150	3,386,700	-	4,368,850
Transfers out	(6,738)	(356,851)	(4,003,261)	(4,366,850)
TOTAL TRANSFERS	<u>975,412</u>	<u>3,029,849</u>	<u>(4,003,261)</u>	<u>2,000</u>
EXCESS OF REVENUES OVER EXPENDITURES AND OTHER USES	<u>\$ 128,395</u>	<u>\$ 45,391</u>	<u>\$ 3,659,724</u>	<u>\$ 3,833,510</u>

The accompanying notes are an integral part of these statements.

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
STATEMENTS OF REVENUE COLLECTED AND EXPENSES PAID
(CASH BASIS)
YEAR ENDED JUNE 30, 2000

	<u>Administrative Account</u>	<u>Cleanup Fund</u>	<u>Holding Account</u>	<u>Total</u>
REVENUE				
Tax Assessments	\$ -	\$ -	\$ 4,667,291	\$ 4,667,291
Interest	-	-	631,848	631,848
Other	-	-	266	266
TOTAL REVENUES	<u>-</u>	<u>-</u>	<u>5,299,405</u>	<u>5,299,405</u>
EXPENDITURES				
Cleanup Program	519,745	2,933,240	-	3,452,985
TOTAL EXPENDITURES	<u>519,745</u>	<u>2,933,240</u>	<u>-</u>	<u>3,452,985</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES				
	<u>(519,745)</u>	<u>(2,933,240)</u>	<u>5,299,405</u>	<u>1,846,420</u>
TRANSFERS				
Transfers in	625,775	4,247,748	432,240	5,305,763
Transfers out	(124,005)	(382,826)	(4,798,770)	(5,305,601)
TOTAL TRANSFERS	<u>501,770</u>	<u>3,864,922</u>	<u>(4,366,530)</u>	<u>162</u>
EXCESS (DEFICIENCY) OF REVENUES & OTHER FINANCING SOURCES OVER EXPENDITURES AND REVENUES AND OTHER USES				
	<u>\$ (17,975)</u>	<u>\$ 931,682</u>	<u>\$ 932,875</u>	<u>\$ 1,846,582</u>

The accompanying notes are an integral part of these statements.

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
NOTES TO THE FINANCIAL STATEMENTS
JUNE 30, 2001

NOTE 1 SUMMARY OF OPERATIONS

In July of 1990, the Delaware legislature passed, and the Governor signed, legislation establishing the State's "Hazardous Substance Cleanup Act." This Act establishes standards to be followed to protect the public health and welfare of citizens and the environment of the State from releases of hazardous substances. The Act also provides a funding mechanism for the program.

The responsibility for administering the Act was vested in the Division of Air and Waste Management within the Department of Natural Resources and Environmental Control (the Division). Two branches were created within the Division: the Superfund Branch and the Underground Storage Tank Branch. Both branches are funded primarily by a surtax on certain petroleum products sold in the State.

The State's Superfund Branch supplements the federal government's efforts in cleaning up hazardous sites. The most serious sites in the State become the responsibility of the federal government while those that meet lesser criteria become the responsibility of the State.

The Fund's activities are accounted for as distinct operating units within the Division. Accordingly, the financial statements of the Fund are intended to present the assets, fund balance, revenues collected and expenses paid - cash basis - of only that portion of the funds of the State of Delaware that are attributable to the transactions of the Fund.

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
NOTES TO THE FINANCIAL STATEMENTS
JUNE 30, 2001

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Hazardous Substance Cleanup Fund financial statements are prepared on the cash basis of accounting; consequently, revenues from all sources are recognized when received, rather than when earned; and expenditures are recognized when cash is disbursed, rather than when the obligation is incurred. The statement of assets and fund balance contains only cash and fund balances; the statement of revenue collected and expenses paid shows all cash receipts as revenues and all cash disbursements as expenses.

Encumbrances

Encumbrances represent commitments related to unperformed contracts for goods or services. Encumbrance accounting, under which purchase orders, contracts and other commitments for the expenditures of resources are recorded to reserve that portion of the applicable appropriation, is utilized in the governmental funds. Encumbrances outstanding at year-end are reported as reservations of fund balances and do not constitute expenditures or liabilities because the commitments will be honored during the subsequent year.

Cash and Investments

Cash and investments of the Hazardous Substance Cleanup Fund are handled and controlled by the State Treasurer's Office in Dover. The amounts reported in the Fund's financial statements represent the Fund's share of the State's pooled cash and investments.

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
HAZARDOUS SUBSTANCE CLEANUP FUND
NOTES TO THE FINANCIAL STATEMENTS
JUNE 30, 2001

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Cont'd.)

Revenues

The funds' primary source of revenue comes from the levy of a 0.9% tax on all taxable gross receipts from the sale of petroleum and petroleum products, with the exception of crude oil.

AUDITOR'S REPORT ON COMPLIANCE AND ON
INTERNAL CONTROL OVER FINANCIAL REPORTING BASED ON AN
AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

R. Ronald Draper, CGFM
Office of Auditor of Accounts
Dover, Delaware

We have audited the financial statements of the Hazardous Substance Cleanup Fund as of and for the year ended June 30, 2001 and have issued our report thereon dated December 7, 2001. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

Compliance

As part of obtaining reasonable assurance about whether the Hazardous Substance Cleanup Fund's financial statements are free of material misstatement, we performed tests of compliance with certain provisions of laws, regulations, contracts and grants, noncompliance with which could have a direct and material effect on the determination of financial statements amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance that required to be reported under Government Auditing Standards.

Thomas John Shopa, CPA, CFP
Charles H. Siler, CPA, CFP
Robert S. Smith, CPA
Ronald E. Carr, CPA
■
Bernard J. Daney, CPA
George G. Fournaris, CPA, CGFM
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AUDITOR'S REPORT ON COMPLIANCE (Cont'd.)

Internal Control Over Financial Reporting

In planning and performing our audit, we considered internal control over financial reporting for the Hazardous Substance Cleanup Fund in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statements and not to provide assurance on the internal control over financial reporting. Our consideration of the internal control over financial reporting would not necessarily disclose all matters in the internal control over financial reporting that might be material weaknesses. A material weakness is a condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that misstatements in amounts that would be material in relation to the financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over financial reporting and its operation that we consider to be material weaknesses.

This report is intended for the information of Department management and the Office of Auditor of Accounts and is not intended to be and should not be used by anyone other than the specified parties. However, this report is a matter of public record and its distribution is not limited.

McBride, Shogan & Co

Wilmington, Delaware
December 7, 2001

ATTACHMENT B:
LIST OF HAZARDOUS SUBSTANCE RELEASE SITES IN DELAWARE

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

ID Number	Site Name	State Status	Federal Status	City
1	DE-0001	ARMY CREEK LANDFILL	NATIONAL PRIOR LIST	NEW CASTLE
2	DE-0002	CHESWOLD LANDFILL/COKERS #4	NO FURTHER ACTION	CHESWOLD
3	DE-0003	COKERS LANDFILL #3	NO FURTHER ACTION	CHESWOLD
4	DE-0004	COKERS LANDFILL #1 & #2	NATIONAL PRIOR LIST	CHESWOLD
5	DE-0007	DELAWARE CITY PVC PLANT	NATIONAL PRIOR LIST	DELAWARE CITY
6	DE-0008	AIR PROD & CHEM INC	NO FURTHER ACTION	DELAWARE CITY
7	DE-0011	WILDCAT LANDFILL	NATIONAL PRIOR LIST	DOVER
8	DE-0012	PORTERS LANDFILL	NO FURTHER ACTION	HOUSTON
9	DE-0015	DENTON LANDFILL	NO FURTHER ACTION	NEW CASTLE
10	DE-0016	HARRY WOOD LANDFILL	SI	NEW CASTLE
11	DE-0017	DELAWARE SAND & GRAVEL LANDFILL	NATIONAL PRIOR LIST	NEW CASTLE
12	DE-0019	KOPPERS CO FACILITIES SITE	NATIONAL PRIOR LIST	NEWPORT
13	DE-0020	E.I. DU PONT, NEWPORT LANDFILL-(OU1,OU3-OU8)	NATIONAL PRIOR LIST	NEWPORT
14	DE-0022	BORDEN CHEM CO SMRYNA	NO FURTHER ACTION	SMYRNA
15	DE-0024	HAY STREET SLUDGE DRYING	NO FURTHER ACTION	EDGEMOOR
16	DE-0025	CAPITOL RECOVERY	NO FURTHER ACTION	WILMINGTON
17	DE-0028	TYBOUTS CORNER LANDFILL	NATIONAL PRIOR LIST	NEW CASTLE
18	DE-0030	INDUSTRIAL PRODUCTS CO.	NO FURTHER ACTION	NEW CASTLE
19	DE-0031	DOVER AIR FORCE BASE (5 AREAS)	NATIONAL PRIOR LIST	DOVER
20	DE-0033	NEW CASTLE SPILL SITE	DELETED FROM NPL	NEW CASTLE
21	DE-0035	NEWARK CONCRETE CO.	NO FURTHER ACTION	NEWARK
22	DE-0037	BARCROFT CO	NO FURTHER ACTION	LEWES
23	DE-0040	HARVEY & KNOTT DRUM SITE	NATIONAL PRIOR LIST	KIRKWOOD
24	DE-0041	US CORP OF ENGR CANAL SITE	NO FURTHER ACTION	ST. GEORGE
25	DE-0042	NCR CORP	NATIONAL PRIOR LIST	MILLSBORO
26	DE-0043	METAL MASTERS	NATIONAL PRIOR LIST	SMYRNA
27	DE-0045	DEEMER STEEL-NEW CASTLE PLANT	DELETED FROM NPL	NEW CASTLE
28	DE-0046	CITISTEEL AREA A	NO FURTHER ACTION	CLAYMONT
29	DE-0050	TEXACO INC CLAYMONT TERMINAL	NO FURTHER ACTION	CLAYMONT
30	DE-0052	NEWARK HOUSING AUTH LANDFILL	NO FURTHER ACTION	NEWARK
31	DE-0053	METACHEM	NATIONAL PRIOR LIST	DELAWARE CITY
32	DE-0054	O & T REALTY	NO FURTHER ACTION	NEWPORT
33	DE-0056	GLASGOW SITE (HARVEY&KNOTTS W)	NO FURTHER ACTION	GLASGOW
34	DE-0057	DOVER GAS LIGHT CO	NATIONAL PRIOR LIST	DOVER
35	DE-0059	OLIN CORP-SUNOLIN CHEM	NO FURTHER ACTION	CLAYMONT
36	DE-0060	SCOTT PAPER CO-DOVER PLT	NO FURTHER ACTION	DOVER
37	DE-0061	SEAFORD TOWN GAS	NO FURTHER ACTION	SEAFORD
38	DE-0062	SES INC.	NO FURTHER ACTION	NEWARK
39	DE-0063	CHEM-SOLV INC	NATIONAL PRIOR LIST	CHESWOLD
40	DE-0067	HALBY CHEMICAL	NATIONAL PRIOR LIST	WILMINGTON
41	DE-0070	JAMES THOMPSON & CO, INC	NO FURTHER ACTION	GREENWOOD
42	DE-0071	NVF (YORKLYN)	REMEDIAL ACTION	YORKLYN

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

ID Number	Site Name	State Status	Federal Status	City
43	DE-0072	REEVIS & REEVIS CLAY PIT	LOW PRIORITY	HOCKESSIN
44	DE-0074	SUMMIT LANDFILL	HSCA	MIDDLETOWN
45	DE-0079	MT PLEASANT RAILROAD DUMP	LOW PRIORITY	MT PLEASANT
46	DE-0081	NVF STATE LINE LANDFILL	HSCA	YORKLYN
47	DE-0084	FORMER AMOCO POLYMER PLANT	HSCA	NEW CASTLE
48	DE-0086	PARKWAY GRAVEL CO	LOW PRIORITY	NEWARK
49	DE-0096	CADWUS LANDFILL	HSCA	KENTON
50	DE-0097	SIXTEENTH STREET QUARRY	EPA REMOVAL COMPLETE	WILMINGTONI
51	DE-0099	CITY OF WILM. MARINE TERMINAL	RENAMED/REGROUPED	WILMINGTONI
52	DE-0102	COKER SAND PIT	HSCA	DOVER
53	DE-0104	PEARSONS CORNER DRUM SITE	HSCA	DOVER
54	DE-0106	SUSSEX CO LANDFILL #4	HSCA	LINCOLN
55	DE-0108	KENTON LANDFILL - OUI	HSCA	KENTON
56	DE-0109	KREWATCHE FARM SITE	RENAMED/REGROUPED	SEAFORD
57	DE-0110	LITTON IND	HSCA	SMYRNA
58	DE-0111	KRUSE PLAYGROUND SITE	SI	WILMINGTONI
59	DE-0112	ARTIS DRIVE SITE	LOW PRIORITY	DOVER
60	DE-0113	GEORGETOWN CLEANERS	HSCA	GEORGETOWN
61	DE-0114	WILMINGTON COAL GAS - SOUTHERN SECTION	HSCA	WILMINGTONI
62	DE-0116	DELAWARE WOOD PRESERVING COMPANY	HSCA	DOVER
63	DE-0121	AMER PROP (RSC REALTY)	LOW PRIORITY	GEORGETOWN
64	DE-0122	SUSSEX CO LANDFILL #1 BRDGVILLE	HSCA	WILMINGTONI
65	DE-0123	SUSSEX COUNTY #6-OMAR	HSCA	WILMINGTON
66	DE-0126	JULIANO SITE	HSCA	BRIGEVILLE
67	DE-0129	SUSSEX CO LANDFILL #2 STOCKLEY	LOW PRIORITY	OMAR
68	DE-0130	SUSSEX CO LANDFILL #3 - ANGOLA	HSCA	WILMINGTON
69	DE-0131	BERGER BROTHERS	HSCA	MILLSBORO
70	DE-0132	LEBANON ROAD LANDFILL	HSCA	ANGOLA BEACH
71	DE-0133	TEAL CONSTRUCTION CO LANDFILL	HSCA	WILMINGTONI
72	DE-0134	DELAWARE CORRECTIONAL CENTER	HSCA	DOVER
73	DE-0138	GEORGETOWN AIRCRAFT SERV. INC.	HSCA	DOVER
74	DE-0140	HIGH VOLTAGE MAINTENANCE SITE	HSCA	SMYRNA
75	DE-0142	TOWNSEND DUMP-GREARS CORNERS	RENAMED/REGROUPED	GEORGETOWN
76	DE-0145	SQUARE CLUB LODGE LANDFILL	HSCA	WILMINGTONI
77	DE-0146	WILSON CONTRACTING CO LANDFILL	LOW PRIORITY	TOWNSEND
78	DE-0147	SIMPSON LUMBER COMPANY DUMP	LOW PRIORITY	DOVERI
79	DE-0148	NEW CASTLE ABANDONED CONT SITE	HSCA	NEW CASTLE
80	DE-0150	METCALF PIT	LOW PRIORITY	DOVER
81	DE-0151	DONOVAN SITE	HSCA	NEW CASTLE
82	DE-0152	CITY OF DOVER-PUBLIC WORKS	HSCA	LEWES
83	DE-0155	GLASGOW DRIVE DUMP	LOW PRIORITY	DOVERI
84	DE-0156	KRIEGERS LANDFILL	HSCA	GLASGOW
				WILMINGTONI

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

ID Number	Site Name	State Status	Federal Status	City
85	DE-0158 ATLANTIC AVENUE	LOW PRIORITY	NO FURTHER ACTION	ELSMERE
86	DE-0159 AMTRAK WILMINGTON TRAIN YARD	BPA II	BPA II	WILMINGTONI
87	DE-0160 MAGNOLIA SWAMP	LOW PRIORITY	NO FURTHER ACTION	NEWARK
88	DE-0161 ROBSCOTT MANOR	LOW PRIORITY	NO FURTHER ACTION	NEWARK
89	DE-0162 WINDY HILLS	LOW PRIORITY	NO FURTHER ACTION	NEWARK
90	DE-0163 DEL CHAPEL PLACE	RENAMED/REGROUPED	RENAMED/REGROUPED	NEWARK
91	DE-0164 DEL STATE COLLEGE DUMP	HSCA	NO FURTHER ACTION	DOVERI
92	DE-0166 SPATZ FIBERGLASS	HSCA	NO FURTHER ACTION	YORKLYN
93	DE-0167 NEW CASTLE GAS COMPANY	HSCA	NO FURTHER ACTION	NEW CASTLE
94	DE-0169 POTTS PROPERTY	HSCA	NO FURTHER ACTION	WILMINGTONI
95	DE-0170 AMTRAK WILMINGTON RAIL YARD	LOW PRIORITY	NO FURTHER ACTION	WILMINGTONI
96	DE-0171 RAIN TREE	HSCA	NO FURTHER ACTION	CHRISTIANA
97	DE-0172 USN NAVAL FACILITY-LEWES	LOW PRIORITY	NO FURTHER ACTION	LEWES
98	DE-0173 SYNTECH	HSCA	NO FURTHER ACTION	NEWARK
99	DE-0176 AMETEK, INC.	HSCA	NO FURTHER ACTION	WILMINGTON
100	DE-0177 VEP CO INDUSTRIAL PARK	LOW PRIORITY	NO FURTHER ACTION	CAMDEN
101	DE-0179 MT PLEASANT CHURCH DUMP	HSCA	NO FURTHER ACTION	LAUREL
102	DE-0180 MILTON DUMP	HSCA	NO FURTHER ACTION	LAUREL
103	DE-0181 MIDDLEFORD DUMP	LOW PRIORITY	NO FURTHER ACTION	MILTON
104	DE-0182 LAUREL ST HIGHWAY BORROW PIT	HSCA	NO FURTHER ACTION	MIDDLEFORD
105	DE-0183 GREENE DUMP	HSCA	NO FURTHER ACTION	LAUREL
106	DE-0184 BROOKSIDE DUMP	LOW PRIORITY	NO FURTHER ACTION	LAUREL
107	DE-0185 BOXWOOD INDUSTRIAL PARK	RENAMED/REGROUPED	RENAMED/REGROUPED	NEWARK
108	DE-0186 CHRISTIANA MALL SITE	HSCA	NO FURTHER ACTION	WILMINGTON
109	DE-0187 APPLIED TECHNOLOGY INC	LOW PRIORITY	NO FURTHER ACTION	CHRISTIANA
110	DE-0191 PETTINARO TRANSFORMER SITE	RENAMED/REGROUPED	RENAMED/REGROUPED	WILMINGTONI
111	DE-0193 SALEM CHURCH - MUDDY RUN DUMP	HSCA	NO FURTHER ACTION	WILMINGTONI
112	DE-0198 GUMBORO DUMP	HSCA	NO FURTHER ACTION	NEWARK
113	DE-0200 TOWNSEND PROCESSING PLANT DUMP	HSCA	NO FURTHER ACTION	GUMBORO
114	DE-0201 TOWNSEND - INGRAM POND	HSCA	NO FURTHER ACTION	MILLSBORO
115	DE-0203 DELAWARE BAY DRUM	HSCA	NO FURTHER ACTION	MILLSBORO
116	DE-0204 AUGUSTINE BEACH / DEL. RIVER	LOW PRIORITY	NO FURTHER ACTION	CAMDEN
117	DE-0205 ASSAWOMAN BAY	LOW PRIORITY	NO FURTHER ACTION	AUGUSTINE BEACH
118	DE-0207 THORO-KLEEN DRY CLNING & LNDRY	LOW PRIORITY	NO FURTHER ACTION	SOUTH BETHANY
119	DE-0209 ATLANTIC INDUSTRIAL OPTICS INC	LOW PRIORITY	NO FURTHER ACTION	GEORGETOWN
120	DE-0211 ALL RITE RUBBISH REMOVAL (NEW)	HSCA	NO FURTHER ACTION	GEORGETOWN
121	DE-0212 ALL RITE RUBBISH INC 11 (OLD)	LOW PRIORITY	NO FURTHER ACTION	FELTON
122	DE-0213 MIDDLETOWN SEWER PLANT DUMP	HSCA	NO FURTHER ACTION	FELTON
123	DE-0214 GORE, WL & ASSOC. INC. - NEWARK	HSCA	NO FURTHER ACTION	MIDDLETOWN
124	DE-0215 BELL PROPERTY DISPOSAL PIT	HSCA	NO FURTHER ACTION	NEWARK
125	DE-0216 LOCKE PROPERTY	HSCA	NO FURTHER ACTION	HOCKESSIN
126	DE-0217 LOWE SITE	HSCA	NO FURTHER ACTION	SEAFORD
				LEWES

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

ID Number	Site Name	State Status	Federal Status	City
127	DE-0219 TRAVALINI SITE	PA/SI	NO FURTHER ACTION	FRANKFORD
128	DE-0220 COLLINS SITE	LOW PRIORITY	NO FURTHER ACTION	GUMBORO
129	DE-0221 WELLS SITE, J.	LOW PRIORITY	NO FURTHER ACTION	LEWES
130	DE-0222 LIN LEIGH INC.	HSCA	NO FURTHER ACTION	MILTON
131	DE-0223 SUSSEX COUNTY AIRPORT SITE	LOW PRIORITY	NO FURTHER ACTION	GEORGETOWN
132	DE-0224 STEVENSON LANE SITE	HSCA	NO FURTHER ACTION	GEORGETOWN
133	DE-0225 VALLIANT FERTILIZER CO, INC	LOW PRIORITY	NO FURTHER ACTION	LAUREL
134	DE-0226 HARRINGTON, ELLA SITE	HSCA	NO FURTHER ACTION	MILFORD
135	DE-0227 PUGH DUMP	LOW PRIORITY	NO FURTHER ACTION	DOVER
136	DE-0228 USAF(TENANT) WILM AIRPORT SI	LOW PRIORITY	NO FURTHER ACTION	NEW CASTLE
137	DE-0229 NEWPORT DRUM SITE	HSCA	NO FURTHER ACTION	NEWPORT
138	DE-0231 PARADEE OIL - DOVER SITE	HSCA	NO FURTHER ACTION	DOVER
139	DE-0232 LARRY LONG SITE	LOW PRIORITY	NO FURTHER ACTION	LEWES
140	DE-0233 CARPENTER LANDFILL	LOW PRIORITY	NO FURTHER ACTION	MILFORD
141	DE-0234 WILKERSON TERRACE SITE	LOW PRIORITY	NO FURTHER ACTION	MILFORD
142	DE-0235 NANTICOKE HOMES	LOW PRIORITY	NO FURTHER ACTION	GREENWOOD
143	DE-0237 COLEMAN BUNTING PIT	LOW PRIORITY	NO FURTHER ACTION	SELBYVILLE
144	DE-0238 D. BUNTING FILL AREA	LOW PRIORITY	NO FURTHER ACTION	SELBYVILLE
145	DE-0239 ESHAM-DAVIS FILL AREA	HSCA	NO FURTHER ACTION	SELBYVILLE
146	DE-0240 HITCHENS PIT	LOW PRIORITY	NO FURTHER ACTION	SELBYVILLE
147	DE-0241 HUDSON-CULVER SITE	LOW PRIORITY	NO FURTHER ACTION	SELBYVILLE
148	DE-0242 SUMMIT AIRPORT	HSCA	NO FURTHER ACTION	MIDDLETOWN
149	DE-0243 BLUE HEN AUTO BODY, INC.	LOW PRIORITY	NO FURTHER ACTION	DOVER
150	DE-0249 ALLIED CHEMICAL DRUM	LOW PRIORITY	NO FURTHER ACTION	CLAYMONT
151	DE-0250 MERCAPTAN AIR RELEASE	LOW PRIORITY	NO FURTHER ACTION	DELAWARE CITY
152	DE-0251 SEABOARD LUMBER	LOW PRIORITY	NO FURTHER ACTION	BRIDGEVILLE
153	DE-0252 HEALTHWAYS, INC. - OUI	HSCA	NO FURTHER ACTION	ODESSA
154	DE-0253 BOMBAY HOOK NATL REFUGE	LOW PRIORITY	DEFERRED TO STATE	LITTLE CREEK
155	DE-0254 CHEMDECON TRAILER	LOW PRIORITY	NO FURTHER ACTION	DOVER
156	DE-0255 MILTON MAINTENANCE YARD	HSCA	NO FURTHER ACTION	MILTON
157	DE-0256 HOMALITE	LOW PRIORITY	NO FURTHER ACTION	WILMINGTON
158	DE-0257 EDGEWOOD, ABANDONED OFFSHORE DRUM	LOW PRIORITY	NO FURTHER ACTION	WILMINGTON
159	DE-0258 BROADKILL BEACH DRUM	LOW PRIORITY	NO FURTHER ACTION	MILTON
160	DE-0259 NEWARK MUNITION STORAGE	LOW PRIORITY	NO FURTHER ACTION	NEWARK
161	DE-0260 DINAHS CORNER	LOW PRIORITY	NO FURTHER ACTION	DOVER
162	DE-0262 HERBICIDE SPILL SITE	LOW PRIORITY	NO FURTHER ACTION	FOWLERS BEACH
163	DE-0263 STANDARD ABANDONED DRUM	LOW PRIORITY	NO FURTHER ACTION	FOWLERS BEACH
164	DE-0271 CIBA-GEIGY SEEP	O & M	O & M	NEWPORT
165	DE-0273 MAYS BODY SHOP(ROSE BOWL ROAD)	HSCA	NO FURTHER ACTION	DOVER
166	DE-0276 WYOMING DUMP	HSCA	NO FURTHER ACTION	WYOMING
167	DE-0280 ATLAS SANITATION	HSCA	NO FURTHER ACTION	WILMINGTON
168	DE-0281 DIAMOND STATE SALVAGE	EPA REMOVAL	EPA REMOVAL	WILMINGTON

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

ID Number	Site Name	State Status	Federal Status	City	
169	DE-0282	CRESS COLLISION SERVICES, INC.	HSCA	NO FURTHER ACTION	NEW CASTLE
170	DE-0283	NECASTRO AUTO SALVAGE	HSCA	NO FURTHER ACTION	NEW CASTLE
171	DE-0285	BROWNTOWN	RENAMED/REGROUPED	RENAMED/REGROUPED	WILMINGTON
172	DE-0286	SOUTH WILMINGTON EAST & WEST	HSCA	HSCA	WILMINGTON
173	DE-0287	PENINSULA PLATING	LOW PRIORITY	LOW PRIORITY	BLADES
174	DE-0288	UNIVERSITY OF DELAWARE	PA/SI	PA/SI	NEWARK
175	DE-0289	ARLON INC	PA/SI	PA/SI	BEAR
176	DE-0290	DELACOTE CORP / EASTWIND	PA/SI	PA/SI	
177	DE-0291	HARBESON DEAD SWAN SITE	EPA REMOVAL	EPA REMOVAL	HARBESON
178	DE-0292	DELMACO	PA/SI	PA/SI	GEORGETOWN
179	DE-0293	DP & L/ INDIAN RIVER	PA/SI	PA/SI	MILLSBORO
180	DE-0294	12TH STREET DRUM SITE	EPA REMOVAL	EPA REMOVAL	WILMINGTON
181	DE-0295	LILLY FASTENERS	SI	SI	NEWARK
182	DE-0297	BIG STONE BEACH FIRE CONTROL STATION	FUDS	FUDS	
183	DE-0298	FORT SAULSBURY	FUDS	FUDS	
184	DE-0299	JOE WHITE MEMORIAL BALLFIELD	SI	PA/SI	
185	DE-0300	CHRISTINA PARK	SI	PA/SI	WILMINGTON
186	DE-0301	FORT DELAWARE STATE PARK	FUDS	FUDS	WILMINGTON
187	DE-0302	DOVER PRECISION BOMBING RANGE	FUDS	FUDS	
188	DE-0303	LENAPE ORDNANCE MODIFICATION CENTER	FUDS	FUDS	
189	DE-0304	PORT PENN ORDNANCE MODIFICATION PLANT	FUDS	FUDS	
190	DE-0305	BRANDYWINE CREEK MYSTERY OIL SITE	EPA REMOVAL	EPA REMOVAL	WILMINGTON
191	DE-0306	PRIME HOOK LEAD SITE	PA/SI	PA/SI	
192	DE-0307	PHOENIX STEEL (CITI STEEL B)	SI	SI	
193	DE-0308	BENNETT BAIRD PROPERTY	HSCA	HSCA	
194	DE-0309	BROADKILL BEACH FIRE CONTROL STATION	FUDS	FUDS	
195	DE-0310	CAPE HENLOPEN FIRE CONTROL STATION	FUDS	FUDS	
196	DE-0312	SOUTHBRIDGE GATEWAY	BPA II	BPA II	
197	DE-0313	1201 NORTHEAST BOULEVARD	BPA II	BPA II	
198	DE-0314	X			
199	DE-1003	DELAWARE AIR NATIONAL GUARD	DOD	NO FURTHER ACTION	NEW CASTLE
200	DE-1004	STADIUM SITE	HSCA	HSCA	WILMINGTON
201	DE-1005	TONI DRY CLEANERS	HSCA	HSCA	ELSMERE
202	DE-1007	GOVERNOR BACON HEALTH CENTER	FUDS	FUDS	DELAWARE CITY
203	DE-1011	FOX POINT PARK PHASE II	HSCA	HSCA	WILMINGTON
204	DE-1018	CAPITOL CLEANERS	HSCA	HSCA	DOVER
205	DE-1030	ONEAL FARM	HSCA	HSCA	SEAFORD
206	DE-1036	DURECO PARCEL II	RENAMED/REGROUPED	RENAMED/REGROUPED	NEW CASTLE
207	DE-1037	KENTON LANDFILL # 2	HSCA	NO FURTHER ACTION	KENTON
208	DE-1041	DRAVO MARSH	HSCA	HSCA	WILMINGTON
209	DE-1043	WILMINGTON COAL GAS - WESTERN SECTION	HSCA	HSCA	WILMINGTON
210	DE-1046	WILMINGTON COAL GAS - NORTHERN SECTION	HSCA	NO FURTHER ACTION	WILMINGTON

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
211	DE-1051	PUSEY AND JONES SHIPYARD	HSCA	WILMINGTONI
212	DE-1052	EASTSIDE/SOUTH WILMINGTON	RENAMED/REGROUPED	WILMINGTONI
213	DE-1053	RIVERSIDE	RENAMED/REGROUPED	WILMINGTONI
214	DE-1056	MILLSBORO DUMP SITE	HSCA	MILLSBORO
215	DE-1059	DELAWARE CAR COMPANY - PRE REMEDIAL	BPA II	WILMINGTONI
216	DE-1062	WILCO PLUMBING AND HEATING	RENAMED/REGROUPED	WILMINGTONI
217	DE-1065	CHURCHMANS MARSH	HSCA	NEWPORT
218	DE-1067	KRIEGER FINGER PROPERTY	HSCA	WILMINGTONI
219	DE-1068	503 SOUTH MARKET STREET	HSCA	WILMINGTONI
220	DE-1072	COMMERCE STREET	RENAMED/REGROUPED	WILMINGTONI
221	DE-1073	DP & L CONGO MARSH	LOW PRIORITY	WILMINGTONI
222	DE-1074	DP & L SUB./ DUPONT CHRISTINA LABS	LOW PRIORITY	WILMINGTONI
223	DE-1078	CONNECTIONS CSP, INC	LOW PRIORITY	WILMINGTONI
224	DE-1079	CHRISTINA AVENUE SOUTH	RENAMED/REGROUPED	WILMINGTONI
225	DE-1093	P & F MOTORCYCLES	HSCA	DOVER
226	DE-1101	BANCROFT MILLS- PRE REMEDIAL	RENAMED/REGROUPED	WILMINGTONI
227	DE-1103	MECO DRIVE SITE	HSCA	WILMINGTON
228	DE-1104	DCI PROPERTY	HSCA	WILMINGTONI
229	DE-1106	OBRIEN PROPERTIES- PRE REMEDIAL	BPA II	WILMINGTONI
230	DE-1112	DIAMOND OIL- PRE REMEDIAL	RENAMED/REGROUPED	WILMINGTONI
231	DE-1113	FORMER WILMINGTON CSO SITE	LOW PRIORITY	WILMINGTONI
232	DE-1118	NEW CASTLE ARMY AIRFIELD	HSCA	NEW CASTLE
233	DE-1119	FORT MILES	HSCA	LEWES
234	DE-1120	BAFUNDO ROOFING	HSCA	NEW CASTLE
235	DE-1127	EAST 7TH ST PENINSULA - SOUTH	PA/SI	WILMINGTONI
236	DE-1128	EAST 7TH ST PENINSULA - NORTH	BPA II	WILMINGTONI
237	DE-1131	AMERICAN SCRAP AND WASTE CO	BPA II	WILMINGTONI
238	DE-1134	101 N. POPLAR STREET	HSCA	WILMINGTONI
239	DE-1141	SAC TIRE PROPERTY	HSCA	WILMINGTONI
240	DE-1144	DIAMOND STATE FOUNDRY / PULLMAN CAR WORKS	LOW PRIORITY	WILMINGTONI
241	DE-1145	HELEN CHAMBERS PARK - PRE REMEDIAL	BPA II	WILMINGTONI
242	DE-1148	EAST 7TH ST DRUM SITE	RENAMED/REGROUPED	WILMINGTONI
243	DE-1149	GENERAL MOTORS CORPN - WILMINGTON ASSEMBLY PLAN/HSCA	EPA REMOVAL	WILMINGTONI
244	DE-1150	DOBBINSVILLE BALL FIELD	HSCA	NEW CASTLE
245	DE-1151	DELAWARE BRICK PT	HSCA	NEW CASTLE
246	DE-1152	FORMER AMOCO FILM PLANT	HSCA	NEW CASTLE
247	DE-1153	CURTIS PAPER MILL - PLANT AREA	LOW PRIORITY	NEWARK
248	DE-1156	MILFORD MOSQUITO CONTROL SHOP	HSCA	MILFORD
249	DE-1158	P & C ROOFING(PRE - REMEDIAL)	RENAMED/REGROUPED	WILMINGTONI
250	DE-1159	NEWPORT BOAT RAMP SITE	HSCA	NEWPORT
251	DE-1161	BETHANY BEACH	DOD	BETHANY BEACH
252	DE-1165	SALVAGE YARD RELOCATION AREA I	BPA II	WILMINGTONI

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
253	DE-1166 SALVAGE YARD RELOCATION AREA II	BPA II	BPA II	WILMINGTON
254	DE-1167 LEWES BOAT YARD SITE	HSCA	HSCA	LEWES
255	DE-1168 FIVE POINTS FIRE COMPANY	HSCA	HSCA	WILMINGTON
256	DE-1169 HESSLER PROPERTY	BPA II	BPA II	WILMINGTON
257	DE-1170 QUILLEN PIT	HSCA	HSCA	MILLVILLE
258	DE-1171 CAPTOL SCRAP	HSCA	HSCA	DOVER
259	DE-1179 OLD INCINERATOR ASH LANDFILL	HSCA	HSCA	WILMINGTON
260	DE-1181 COBRA MACHINE AND FABRICATION INC.	HSCA	HSCA	WILMINGTON
261	DE-1186 FORMER DP&L ELSMERE SUBSTATION	HSCA	HSCA	ELSMERE
262	DE-1189 FAWCETT PROPERTY	HSCA	HSCA	NEW CASTLE
263	DE-1191 HALBY NRDA	HSCA	HSCA	WILMINGTON
264	DE-1192 PRIME HOOK REFUGE LEAD REMOVAL	HSCA	HSCA	
265	DE-1193 ST. GEORGES BRIDGE	HSCA	HSCA	ST. GEORGE
266	DE-1194 CITY OF NEWARK BIKEWAY	HSCA	HSCA	
267	DE-1198 WILMINGTON ROLLING MILL	BPA II	BPA II	NEWARK
268	DE-1200 FORMER HOLLY OAK SUBSTATION	HSCA	HSCA	
269	DE-1202 742 SOUTH GOVERNORS AVENUE	HSCA	HSCA	
270	DE-1203 HESSLER PROPERTY (HSCA)	HSCA	HSCA	WILMINGTON
271	DE-1212 DOVER WEST-SIDE (A)	BPA II	BPA II	DOVER
272	DE-1213 DOVER WEST-SIDE (B)	BPA II	BPA II	DOVER
273	DE-1214 DOVER WEST-SIDE (C)	BPA II	BPA II	DOVER
274	DE-1215 12TH & WALNUT MBNA	HSCA	HSCA	WILMINGTON
275	DE-1216 TRI STATE-E. 7TH STREET PENINSULA	HSCA	HSCA	WILMINGTON
276	DE-1219 CHRISTINA LABS			
277	DE-1222 12TH STREET ASSOCIATES	LOW PRIORITY		
278	DE-1223 RUTKOSKE PROPERTY	HSCA	HSCA	WILMINGTON
279	DE-1225 DRINKING WATER PROTECTION PROJECT	HSCA	HSCA	MIDDLETOWN
280	DE-1227 MILLVILLE MOBIL	HSCA	HSCA	MILLVILLE
281	DE-1229 NANTICOKE RIVER MARINA PARK	HSCA	HSCA	BLADES
282	DE-1233 COMPTON TOWN HOUSE APARTMENTS	HSCA	HSCA	WILMINGTON
283	DE-1234 W.B. CLERK CO. MOROCCO MANUFACTURER	HSCA	HSCA	
284	DE-1237 RIVERFRONT OFFICE BUILDING	RI	NO FURTHER ACTION	WILMINGTON
285	DE-1238 FORMER SUNOCO TANK FARM	HSCA	HSCA	CLAYMONT
286	DE-1239 WELL NUMBER 146	HSCA	HSCA	
287	DE-1240 DOVER WEST B COCA COLA	HSCA	HSCA	DOVER
288	DE-1241 DELAWARE JOB CORP	HSCA	HSCA	WILMINGTON
289	DE-1242 NEWPORT MARSH	HSCA	HSCA	NEWPORT
290	DE-1246 BAYSHORE CAR & TRUCK RENTAL-HSCA	HSCA	HSCA	BEAR
291	DE-1249 WILMINGTON RIVERFRONT WEST GROUNDWATER PROJECT	HSCA	HSCA	
292	DE-1253 MAKIN FARMS	HSCA	HSCA	
293	DE-1254 VETS WELDING/EAST 7TH ST. PENINSULA	HSCA	HSCA	WYOMING
294	DE-1255 HELEN CHAMBERS PARK HSCA	HSCA	HSCA	

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Hazardous Substance Release Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
295	DE-1256 FORMER TANNERY SITES	HSCA	HSCA	
296	DE-1257 VOLPE PROPERTY	HSCA		
297	DE-1258 HOCKESSIN VALLEY FARMS (517-519)	HSCA	HSCA	
298	DE-1260 ZX2			
299	DE-1262 WILMINGTON SKATE PARK	BPA II		WILMINGTONI
300	DE-1263 PURINA (A) PROPERTY	BPA II		WILMINGTONI
301	DE-1264 PURINA (B)	BPA II		WILMINGTONI
302	DE-1265 CONNECTIV HAY ROAD SITE	HSCA		
303	DE-1266 FORMER CURTIS CROWN PAPER COMPANY	VCP NEGOTIATIONS	VCP NEGOTIATIONS	
304	DE-1268 AMER INDUSTRIAL TECHNOLOGIES	HSCA	XYZ	
305	DE-1269 MILLBRANCH DEVELOPMENT	DOC. REVIEW	XYZ	
306	DE-1271 RT 9 TCE	HSCA	XYZ	
307	DE-1272 ESTATE OF WILLIAM C. WARD	BPA II	NO FURTHER ACTION	NEW CASTLE
308	DE-1273 WILMINGTON INCINERATOR	BPA II		WILMINGTONI
309	DE-1274 COCHRAN & TRIVITS FIRESTONE	BROWN FIELD		NEW CASTLE

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Voluntary Cleanup Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
1	DE-0034	CHAPMANS ROAD	VCP	NEWARK
2	DE-0038	CHICAGO BRIDGE & IRON CO - OUI	VCP	NEW CASTLE
3	DE-0039	NEWARK LANDFILL	VCP	NEWARK
4	DE-0047	HARVEY AND HARVEY LANDFILL	VCP	NEWPORT
5	DE-0049	ICI AMERICAS INC ATLAS PT SITE	VCP	NEW CASTLE
6	DE-0095	CLAYVILLE DUMP	VCP	CHRISTIANA
7	DE-0118	SUSSEX LUMBER CO	VCP	ROBINSONVILLE
8	DE-0125	DUPONT HASKELL LABS	VCP	NEWARK
9	DE-0153	SCULL PROPERTY	VCP	DOVER
10	DE-0165	ESTATE OF LESTER NOLAN	VCP	WILMINGTON
11	DE-0174	ELECTRIC HOSE & RUBBER RECON	VCP	WILMINGTON
12	DE-0188	GEORGETOWN COAL GAS	VCP	GEORGETOWN
13	DE-0197	HARPER THEIL	VCP	WILMINGTON
14	DE-0199	NVF COMPANY NEWARK	VCP	NEWARK
15	DE-0208	JG TOWNSEND CANNERY	VCP	GEORGETOWN
16	DE-0248	AMP CIRCUITS	VCP	WILMINGTON
17	DE-0266	AMTRAK WILM. REFUELING FACILITY	VCP	NEWARK
18	DE-0270	BUDD METAL	VCP	GEORGETOWN
19	DE-1026	TERMINAL AVENUE WIDENING	VCP	NEWARK
20	DE-1039	EAGLE RUN	VCP	WILMINGTON
21	DE-1044	CSX PROPERTY	VCP	WILMINGTON
22	DE-1057	PENN DEL	VCP	NEWARK
23	DE-1061	BELLANCA HANGAR SITE	VCP	WILMINGTON
24	DE-1064	NEW CASTLE FIRE SCHOOL	VCP	NEW CASTLE
25	DE-1070	ZENECA	VCP	NEW CASTLE
26	DE-1080	210 GREEN HILL AVE	VCP	NEW CASTLE
27	DE-1087	DEEMER STEEL - NINTH AND WASHINGTON	VCP	WILMINGTON
28	DE-1090	WILMINGTON PUBLIC WORKS YARD	VCP	NEW CASTLE
29	DE-1092	DRAVO SHIP YARD- AMER INDUSTRIAL TECH	VCP	WILMINGTON
30	DE-1096	DRAVO SHIPYARD - HARBOR ASSOCIATES	VCP	WILMINGTON
31	DE-1097	1121 THATCHER STREET	VCP	WILMINGTON
32	DE-1100	RED LION PROPERTY	VCP	WILMINGTON
33	DE-1105	SARDO AND SONS	VCP	NEW CASTLE
34	DE-1109	BRANDYWINE FIBERS	VCP	WILMINGTON
35	DE-1110	FORMER DOVER ICE PLANT	VCP	WILMINGTON
36	DE-1114	100 WALNUT STREET	VCP	DOVER
37	DE-1123	560 TERMINAL AVE	VCP	WILMINGTON
38	DE-1124	DEL CHAPEL OUI	VCP	WILMINGTON
39	DE-1125	DEL CHAPEL OUI	VCP	NEWARK
40	DE-1126	FORMER AMOCO POLYMER PLANT - INTERIM ACTION	VCP	NEWARK
41	DE-1129	DIAMOND OIL	VCP	NEW CASTLE
42	DE-1130	BANCROFT MILLS	VCP	WILMINGTON

Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Voluntary Cleanup Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
43	DE-1133	VCP	VCP	DOVER
44	DE-1137	VCP	VCP	WILMINGTON
45	DE-1138	VCP	VCP	WILMINGTON
46	DE-1139	VCP	VCP	WILMINGTON
47	DE-1140	VCP	HSCA O & M	NEWARK
48	DE-1142	VCP	VCP	WILMINGTON
49	DE-1143	VCP	VCP	DOVER
50	DE-1146	VCP	VCP	WILMINGTON
51	DE-1147	VCP	VCP	WILMINGTON
52	DE-1154	VCP	VCP	WILMINGTON
53	DE-1155	VCP	VCP	WILMINGTON
54	DE-1157	VCP	VCP	WILMINGTON
55	DE-1162	VCP	VCP	WILMINGTON
56	DE-1163	VCP	VCP	BEAR
57	DE-1164	VCP	VCP	NEW CASTLE
58	DE-1172	VCP	VCP	WILMINGTON
59	DE-1173	VCP	VCP	WILMINGTON
60	DE-1174	VCP	VCP	WILMINGTON
61	DE-1175	VCP	VCP	WILMINGTON
62	DE-1176	VCP	VCP	WILMINGTON
63	DE-1177	VCP	VCP	WILMINGTON
64	DE-1178	VCP	VCP	WILMINGTON
65	DE-1180	VCP	VCP	WILMINGTON
66	DE-1182	VCP	NO FURTHER ACTION	WILMINGTON
67	DE-1183	VCP	VCP	WILMINGTON
68	DE-1184	VCP	VCP	WILMINGTON
69	DE-1185	VCP	VCP	WILMINGTON
70	DE-1187	VCP	VCP	WILMINGTON
71	DE-1188	VCP	VCP	WILMINGTON
72	DE-1190	VCP	VCP	HOCKESSIN
73	DE-1195	VCP	VCP	X
74	DE-1197	VCP	VCP	WILMINGTON
75	DE-1205	VCP	NO FURTHER ACTION	WILMINGTON
76	DE-1206	VCP	VCP	WILMINGTON
77	DE-1217	VCP	VCP	WILMINGTON
78	DE-1218	VCP	VCP	WILMINGTON
79	DE-1221	VCP	VCP	WILMINGTON
80	DE-1224	VCP	VCP	WILMINGTON
81	DE-1228	VCP	VCP	WILMINGTON
82	DE-1235	VCP	VCP	WILMINGTON
83	DE-1236	VCP	VCP	WILMINGTON
84	DE-1243	VCP	VCP	NEW CASTLE

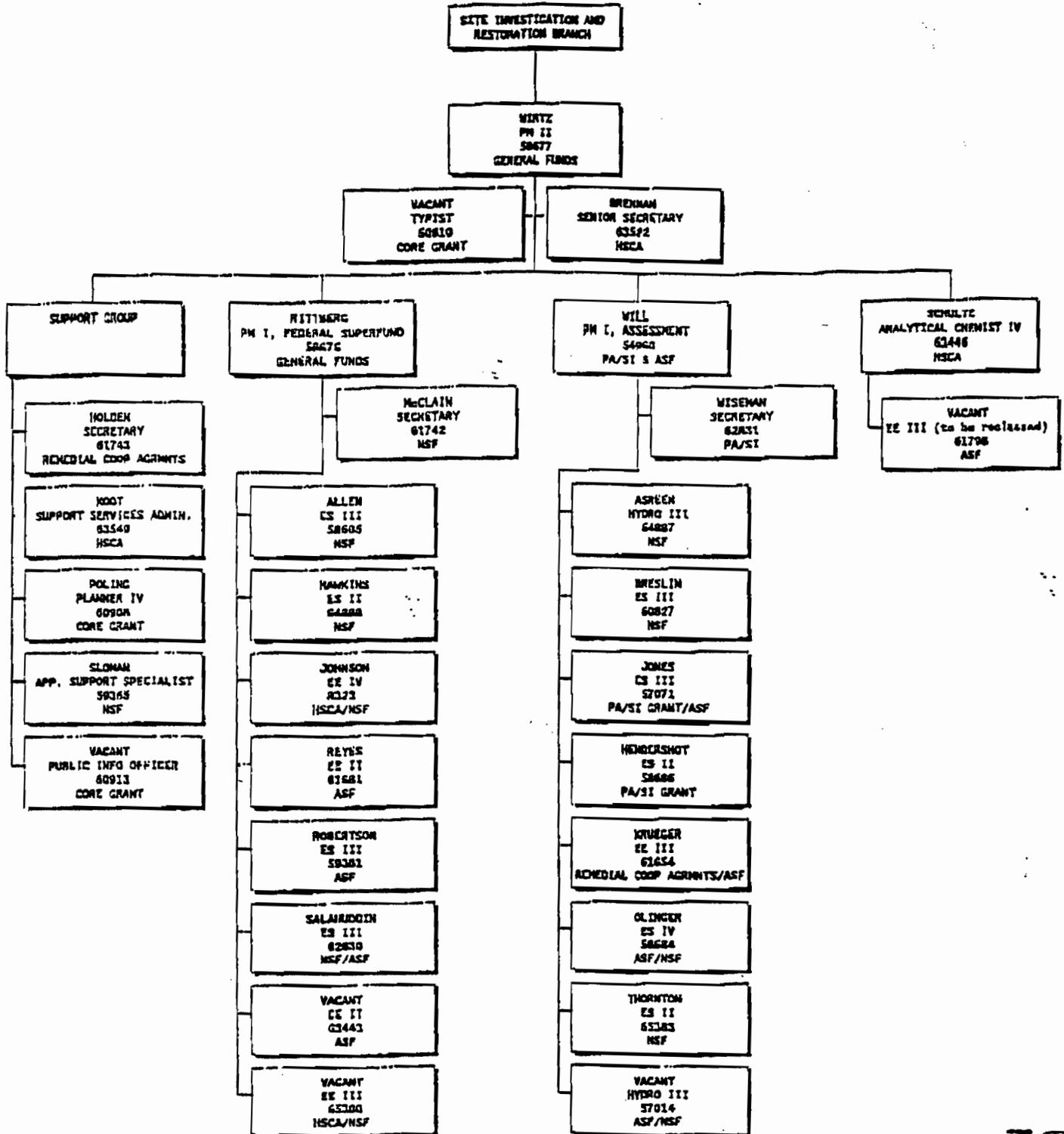
Delaware Department of Natural Resources and Environmental Control

Site Status Database - Total Inventory of Voluntary Cleanup Sites in Delaware (ID Number Sequence)

<u>ID Number</u>	<u>Site Name</u>	<u>State Status</u>	<u>Federal Status</u>	<u>City</u>
85	DE-1244 DEEMER STEEL-OU2	VCP	VCP	NEW CASTLE
86	DE-1245 DEEMER STEEL-OU3	VCP	VCP	NEW CASTLE
87	DE-1247 207 A STREET	VCP	VCP	WILMINGTONI
88	DE-1248 415-427 TATNALL STREET PROPERTY	VCP	VCP	WILMINGTONI
89	DE-1251 FORMER GILDEA NURSERY	VCP	HSCA	NEWARK
90	DE-1252 KING COLE CANNERY REMEDIAL	VCP	SI	MILTON
91	DE-1261 J. G. TOWNSEND FROZEN FOODS	VCP		GEORGETOWN

**ATTACHMENT C:
ORGANIZATIONAL CHART OF
THE SITE INVESTIGATION & RESTORATION BRANCH**

DIVISION OF AIR & WASTE MANAGEMENT
WASTE MANAGEMENT SECTION
JUNE 10, 2002



**ATTACHMENT D:
GLOSSARY**

ATTACHMENT D: GLOSSARY

DNREC

The Department of Natural Resources and Environmental Control.

ECDI Program

The Early Compliance and Detection Incentive Program, which provides reimbursements to responsible parties who have conducted cleanup activities of leaking, underground storage tanks.

Facility Evaluation (FE)

This involves a limited scope of investigation to confirm the release or a threat of release of hazardous substances, to develop information to evaluate the risk to public health, welfare and the environment, to determine the relative priority of a facility and to determine what further action is needed at the site.

Facility Identification

The process of identifying facilities with a release of hazardous substances, based on complaints from the public, reports from other agencies or parties, etc.

Feasibility Study (FS)

This process follows the remedial investigation and identifies the remedial alternatives appropriate to the site.

HSCA

The Delaware Hazardous Substance Cleanup Act first enacted in July of 1990, and later amended in June of 1993 and July of 1995 respectively. It is also known as the State Superfund Program.

HSCA Fund

A fund created for the purpose of addressing hazardous substance release sites in Delaware. The Fund consists of revenues from a 0.9% tax on gross receipts from petroleum products, penalty monies, and monies obtained through recovery of costs from potentially responsible parties.

Identification and Notification of Potentially Responsible Parties (PRPs)/PRP Search

The process whereby the Department will initiate actions to identify and notify the PRPs associated with the facility where a release or a threat of release has been confirmed.

Initial Investigation

The process of determining if a release or imminent threat of release of hazardous substances may have occurred that warrants further action. This can include a field visit and an examination of existing records.

Interim Action

An action at a site to prevent, minimize or mitigate harm to public health, welfare and the environment while the investigation and the study are ON-Going.

Operable Unit (OU)

A portion of a Superfund site that is addressed separately from the rest of the site to allow for easier management or a more timely response.

Operation and Maintenance (O & M)

Actions to ascertain the effectiveness of the remedial action.

Potentially Responsible Parties (PRPs)

Parties, including owners, and operators, who may have contributed to the contamination at a site, and may be liable for costs related to response actions at that site.

PRP Lead

This refers to a site where the PRP(s) performs investigative and remedial actions, and bears the costs of those activities.

Remediation

The implementation of a selected remedy that may consist of phases such as design, construction, operation and maintenance, and compliance monitoring.

Remedial Action (RA)

This is a response action at a site that involves the containment, treatment, isolation, and removal of hazardous substances in order to prevent, minimize, or mitigate harm to public health, welfare and the environment.

Remedial Investigation (RI)

This is an extensive investigative study conducted at a facility to define the risks to public health, welfare and the environment.

State/Fund Lead

This refers to a site where a PRP: (1) cannot be identified; (2) is unwilling to perform investigative or remedial activities; and (3) is unable to pay for cleanup. In such instances, the Department may carry out the investigative and remedial activities at the site using monies from the HSCA Fund.

Voluntary Cleanup Program (VCP)

A program established by the Site Investigation & Restoration Branch in order to promote voluntary remediation of contaminated sites. It is hoped that this will also promote the economic development of brownfields, thereby conserving greenfield areas.

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