United States
Environmental Protection
Agency

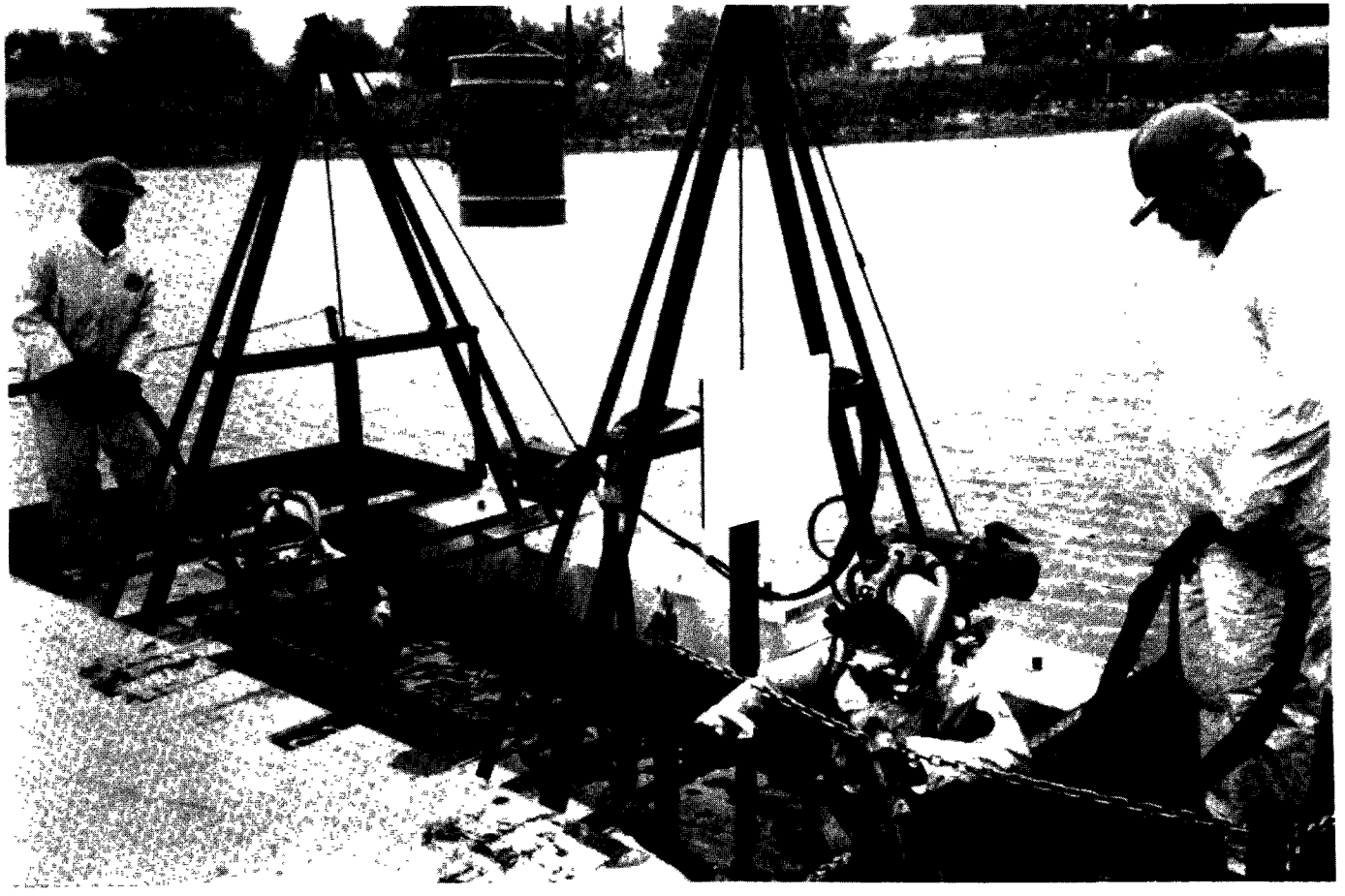
Office of Solid Waste
and Emergency Response
Washington, DC 20460

EPA/540/8-91/093
October 1991

EPA

Superfund Emergency Response Actions:

A Summary of Federally-Funded Removals Fifth Annual Report - Fiscal Year 1990



EPA/540/8-91/093
Publication 9360.6-06
October 1991

SUPERFUND EMERGENCY RESPONSE ACTIONS

A Summary of Federally-Funded Removals

Fifth Annual Report - Fiscal Year 1990

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SUPERFUND EMERGENCY RESPONSE ACTIONS

Fifth Annual Report

The Superfund removal program has achieved significant accomplishments in responding to environmental emergencies, cleaning up hazardous waste sites, and making sites safe. For this reason, EPA publishes the Superfund Emergency Response Actions summary, which provides the public with valuable information about Superfund removal actions undertaken by EPA. This document is updated annually. The Fifth Annual Report, which is the fourth update to the initial document, summarizes the Superfund removal actions completed by EPA between October 1989 and September 1990.

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INTRODUCTION TO THE SUPERFUND REMOVAL PROGRAM

Tragic situations such as the Love Canal crisis in Niagara Falls, New York, triggered national public awareness and concern about how and where hazardous waste is disposed. These concerns prompted Congress to pass the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in 1980. CERCLA, commonly known as Superfund, authorizes the Federal government to work with State and local governments and private parties to provide responses to releases of hazardous substances and inactive hazardous waste sites.

The $1.6 billion Trust Fund, financed by taxes on crude oil and 42 designated chemicals, was collected during the first five years of the program to support Superfund cleanup. The Fund provides for both short- and long-term actions known respectively as the removal and remedial programs. Remedial actions are undertaken only at waste sites listed on the National Priorities List (NPL) while removal actions, including emergencies, occur in response to hazardous substance releases at both NPL and non-NPL sites.

On October 17, 1986, the Superfund Amendments and Reauthorization Act (SARA) was enacted. SARA reauthorized Superfund for five years, increased the funding authority, introduced guidelines for emergency planning and community-right-to-know, and reinforced and significantly strengthened the law's enforcement provisions in order to compel responsible party, rather than Fund, cleanups. CERCLA, as amended, raised the statutory limitations on removal actions from 6 months to 12 months and from $1 million to $2 million to reflect actual time and cost restraints during the first six years of the program. These limitations can be exceeded in certain emergency situations and/or where a continued removal response action is appropriate and consistent with the remedial action to be taken. In October of 1990, Congress passed a three-year extension of the taxing authority for Superfund, ensuring uninterrupted implementation of the program through 1994 and increasing the Fund to $11.5 billion.

The National Oil and Hazardous Substances Pollution Contingency Plan, referred to as the National Contingency Plan (NCP), establishes procedures and standards for responding to releases of hazardous substances, pollutants, and contaminants. The NCP details the responsibilities of 14 Federal agencies and State and local governments for cleaning up releases of hazardous substances and oil spills to all media: land, air, surface water, and ground water. The lead responsibility for emergencies occurring inland or in inland waters belongs to EPA. Primary responsibility for addressing accidental releases in or near coastal waters and the Great Lakes rests with the U.S. Coast Guard (USCG). EPA has lead responsibility for all hazardous waste site response actions. Although other Federal agencies (i.e., the Agency for Toxic Substances and Disease Registry (ATSDR)) do not lead Fund-financed actions, they provide assistance as necessary. In addition, special technical assistance teams and cleanup contractors provide significant support to removal actions.

The Superfund removal program, which manages removal actions and emergency responses, is characterized by close cooperation among Federal, State, and local government agencies and between government and industry. Removal sites are discovered through referral from State, local, and other Federal agencies; the general public; other EPA program offices; removal program inspection efforts; and through notifications to the Federal government as required under CERCLA section 103(a). In FY 90, there were

6,028 CERCLA section 103(a) notifications to the Federal government of releases of CERCLA hazardous substances. In addition to these CERCLA notifications, there were 7,994 notifications to the Federal government of releases of substances suspected of being CERCLA hazardous substances or that posed a potential threat to the environment. These notifications are tracked by the Emergency Response Notification System (ERNS) database at EPA. Upon notification or site discovery, the EPA or USCG On-Scene Coordinator (OSC) evaluates the reported incident and determines whether or not a Federal response is warranted. EPA maintains a technical team on call 24 hours a day to respond to emergencies.

Hazardous substance and oil spill notifications are confirmed and recorded in the CERCLA Information System (CERCLIS), the

CHART 1

SCAP/SPMS MEASURES FISCAL YEAR 1990 ACCOMPLISHMENTS*

ACTIVITIES	REGION	01	02	03	04	05	06	07	08	09	10	TOTAL
	Hazardous Materials Release Investigations	29	17	60	0	136	303	63	91	39	58	796
	Hazardous Materials Release Notifications	519	268	680	1,215	2,401	4,142	147	362	2,024	379	12,137
	On-Scene Monitoring of Hazardous Substances	24	6	25	0	35	91	4	17	2	24	228
	SPCC Inspections	91	52	79	30	129	211	19	88	26	50	775
	On-Scene Monitoring of Oil Spills	25	18	23	17	26	37	3	16	7	36	208
	Oil Spill Cleanups	0	0	10	2	2	18	4	0	0	0	36
	Oil Release Investigations	35	17	23	0	136	19	16	444	7	13	710
	Oil Release Notifications	937	286	1,352	1,090	1,140	3,205	231	443	2,504	246	11,434

* Regional Removal program data entered into CERCLIS are reported through the Superfund Comprehensive Accomplishments Plan (SCAP) and the Strategic Planning and Management System (SPMS).

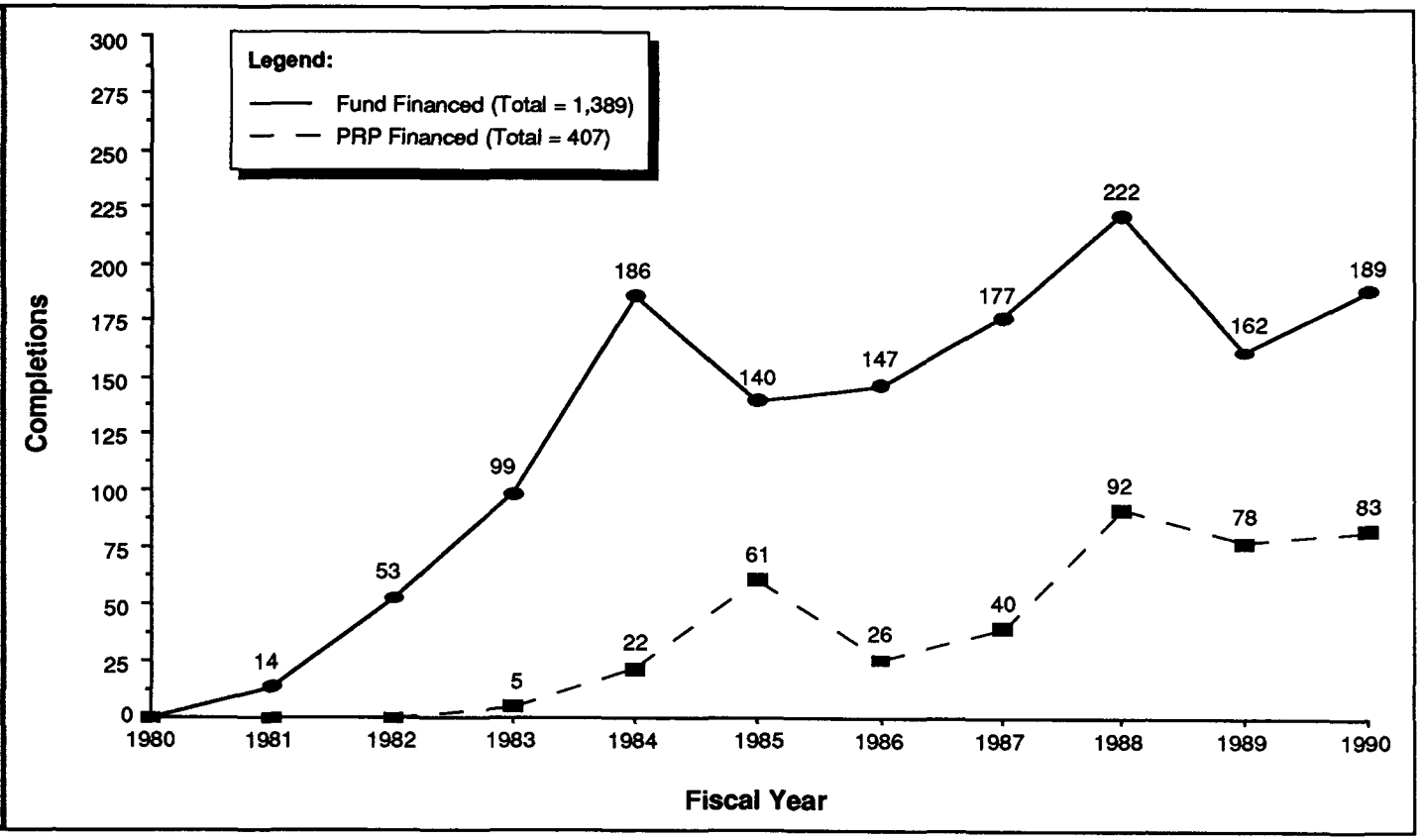
official national information management system for the Superfund program, along with other investigation, inspection, cleanup and monitoring activities. Each region tracks both targets and accomplishments for these activities. Chart 1 lists FY90 regional accomplishments.

In FY 90, approximately 70 percent of all completed removal actions listed in CERCLIS were led by EPA or USCG (with the support and assistance from industry, other Federal agencies, and/or State and local agencies). The remaining 30 percent of these completed removals, including emergency responses, were conducted by the responsible party (e.g., generator, transporter, or disposer of hazardous substances) with support from EPA or USCG.

Throughout the Superfund program the number of both fund and responsible party lead completions generally has increased with each fiscal year [Figure 1].

FIGURE 1

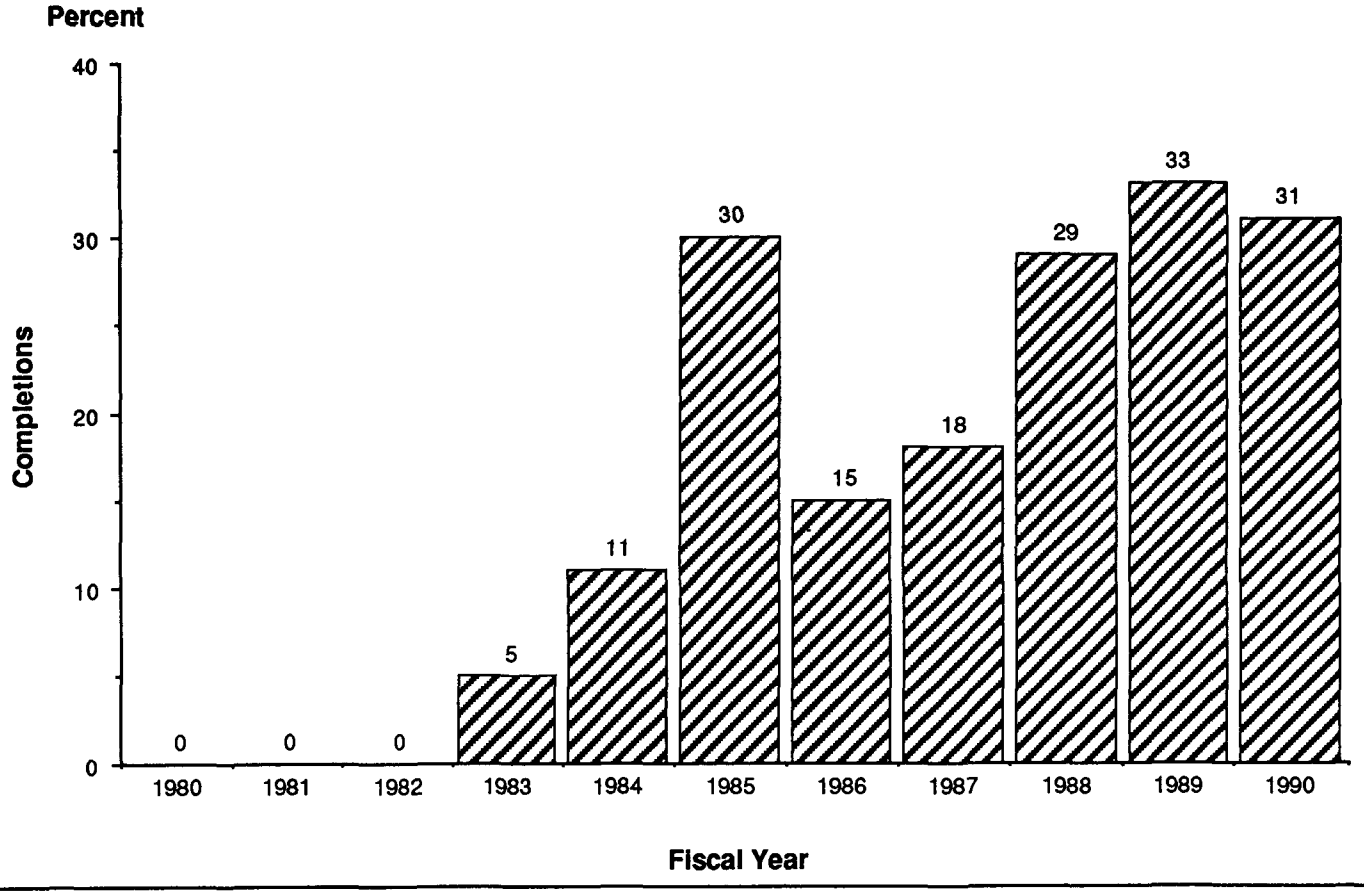
Removal Action Completions by Fiscal Year Fund and Responsible Party



There has been an increased emphasis on responsible party lead actions. Specifically, Superfund's 90-day Study which stressed the importance of combining both the fund and enforcement programs using the enforcement arm first. As a result of this emphasis on enforcement throughout the Superfund program, the percentage of removal action completions performed by the responsible party has increased [Figure 2].

Potential and actual releases of hazardous substances are extremely variable in size, threat, and location. The Superfund removal

FIGURE 2 - Percentage of Removal Completions that were Responsible Party Lead for each Fiscal Year



program is capable and available to address all such situations, as long as CERCLA and NCP response criteria are met. Although removal actions must be flexible and tailored to the specific needs of each site, some response activities are common to many removal actions. These include:

- Sampling drums, storage tanks, lagoons, surface water, ground water, and the surrounding soil and air
- Installing security fences and providing other security measures
- Removing and disposing of containers and contaminated debris
- Excavating and disposing of contaminated soil and debris, and restoring the site
- Pumping out contaminated liquids from overflowing lagoons
- Collecting contaminants through drainage systems or skimming devices.

Other activities may include providing alternate water supplies, installing decontamination devices, evacuating threatened individuals, and providing temporary shelter.

Occasionally unforeseen circumstances, such as adverse weather conditions, vandalism, fire, or explosions arise and a "restart" is necessary. A restart is the initiation of additional removal activities at a site where there has been a previously completed removal. In FY 90, 34 restarts were completed. (In the descriptions of the removal actions, a restart is indicated by a +.)

When possible, EPA considers cost-effective removal action alternatives that use recycling or treatment of waste rather than disposal. This requirement promotes the use of cleanup technologies that reduce the toxicity, mobility, or volume of waste. In FY 90 alternative technologies were used at 31 sites as compared to their use at eight sites in FY 89.

Because each Superfund site and hazardous substance release is different, removal program activities vary widely specifically in methods of responses. Site-specific situations prompt different responses such as involvement of other Federal agencies, provision of alternate water supply, temporary relocation of residents, involvement of responsible parties, or involvement of the public. Specific examples of notable removal actions that were performed in FY 90 are described below.

NOTABLE REMOVAL ACTIONS OF FY90

Hooper Sands Site
Region I

The Hooper Sands site consists of two property lots covering approximately 80 acres on the north and south sides of Hooper Sands Road in South Berwick, Maine. During the 1960s and 1970s, the Portsmouth Naval Shipyard, Portsmouth, Maine contracted with the owner of the two properties to transport and dispose of several thousands of gallons of shipyard oil sludge, waste chemicals, drummed oils, and hazardous substances. The owner placed these chemical wastes in eight trenches on the two properties and also stored approximately 140 55-gallon drums of waste oils and chemicals at this site.

Farmland and undeveloped forest land surround the site. More than 100 people reside in 36 homes within a half mile of the site and 20 residents live within 300 feet of the contaminated areas. All of these residents depend on well water for their drinking water.

The primary threat at this site was drinking water contaminated with halogenated hydrocarbons, and the potential for further migration of the contamination. At EPA's request, ATSDR analyzed well water sample data. ATSDR then issued a Health Memorandum for the site, stating that use of the well water posed a potential threat to human health.

EPA Region I mobilized to the site in October 1989. Region I sampled, overpacked, staged, and removed all containers of hazardous waste. Following the surface cleanup, EPA excavated, contained, and staged 3,000 yards of soil contaminated with dichlorobenzene and other contaminants. Approximately 1,300 cubic yards of soil were treated using low temperature thermal desorption during a 24 hour/day operation. The USCG Strike Team provided coverage for the OSC during the night shift. A layer of clay was placed over the excavated areas. The Maine Department of Environmental Protection (MDEP) conducted well monitoring and supplied the residents with bottled water.

In June 1990, EPA Region I was granted an exemption to the $2 million statutory limit to continue removal actions at the Hooper Sands site. The additional funds were needed to provide an alternative water supply to affected residents.

EPA, the U.S. Navy, and the State of Maine participated in the final phase of the Hooper Sands removal action. The MDEP provided approximately $614,000 for water exploration, well drilling, and development of a new water source from the nearby North Berwick water system. The EPA will construct the waterline. The U.S. Navy agreed to undertake certain response actions and is negotiating an interagency agreement to reimburse EPA for the costs of the waterline construction. The result will be a permanent alternative drinking water supply for all threatened residents.

Forest Glen Subdivision
Region II

Beginning in the 1950s, this former wooded wetland was used for waste disposal. In the early 1960s, the area was cleared and a creek was rerouted. Disposal activities continued during the sixties and early seventies. In 1973, the property was subdivided and developed into 51 mobile home properties and two residences. The neighborhood population grew to 150 people, with other residential and industrial areas becoming established nearby. Sewer and water line workers encountered resinous and powder-like waste, drums and batteries when working in the area. In June 1980, the Niagara County Health Department responded to a complaint concerning the presence of drum tops and resinous material on one residence at the site.

EPA first became involved in Forest Glen in 1987, following referrals from the State and County. Results of the EPA site investigations were sent to ATSDR in March 1989. ATSDR advised that residents be immediately disassociated from the health threats posed by the site contaminants, including aniline, phenothiazine, and benzothiazole.

The site was placed on the NPL on November 15, 1989, and removal actions began to address immediate concerns until the

remedial program could begin a long-term remedy. EPA gathered, staged, and stored drums of wastes which were in vacant areas north and east of the homes. EPA, in conjunction with the Federal Emergency Management Agency (FEMA), implemented a temporary relocation program which, by the time removal actions were complete, was agreed to by 75% of the residents. However, residents drafted their own proposal for relocation, and EPA is addressing the residents' concern. Other public protection measures implemented included daycare, and property security and maintenance. EPA sampled the interior of the homes for contaminants. ATSDR's review of the results found no health threat existed inside the homes. EPA implemented a voluntary interior cleaning program of upholstery and appliances for residents who were concerned. The State is providing the residents with health exams. Further cleanup at the site will be performed under the remedial program.

Avtex Fiber Site
Region III

The Avtex Fibers site is a synthetic fibers manufacturing facility that ceased operations in November 1989. The facility is located on a 440-acre lot along the South Fork of the Shenandoah River in Front Royal, VA. Approximately 1,300 people live within one mile of the site.

The rayon production process used at the site generated sodium cellulose, viscose and zinc hydroxide (sulfate) sludge as waste by-products. Between 1940 and 1983, approximately 14 million cubic feet of waste viscose was placed in 11 unlined surface impoundments on site. After 1983, the liquid viscose was treated in an on-site wastewater treatment plant and the sludge was disposed of in seven other on-site unlined basins. In 1988, EPA issued a Record of Decision (ROD) which indicated that some of the viscose basins had leaked and contaminated the ground water. EPA Region III performed a removal assessment in September 1989, and determined that the site posed a threat to the public and the environment.

On November 10, 1989, the Avtex plant closed after the State of Virginia revoked the wastewater discharge permit for the Avtex treatment plant. The State of Virginia was concerned with Avtex being a source of PCB contamination in the Shenandoah River. EPA Region III initiated emergency response actions to secure the site and dispose of the most imminent hazards, including carbon disulfide, acids, and chlorine cylinders. This emergency removal action lasted for seven months and included the removal of 4,000 tons of liquid hazardous substances in tanks and other vessels, off-site disposal of 3,000 tons of PCB-contaminated soil, and the treatment of 13 million gallons of contaminated stormwater and industrial wastewater. In addition, hundreds of containers of reactive, shock sensitive, and unknown laboratory chemicals, along with thousands of drums, were segregated, stabilized, and sent for disposal.

Shaver's Farm Site
Region IV

Shaver's Farm, located in a rural residential area in northwest Georgia, is a site where approximately 3,000 drums containing herbicides and pesticides, latex, and other unknown materials were disposed in trenches in the early 1970s. EPA Region IV investigated the site in early 1988 and found high levels of pesticides in leachate from the site. Soil analysis disclosed that the site was contaminated with Dicamba and Benzonitrile, two potent pesticides

banned for use in the United States. Region IV performed geophysical studies of the site with magnetometers and radio wave instruments, revealing 19 suspected trenches of buried drums.

In March of 1988, EPA entered into agreement with the Velsicol Chemical Company, generator of the pesticide wastes, to secure all hazardous wastes at the site. Velsicol began excavation and removal of buried drums in November 1989. EPA Region IV took responsibility for the removal action in February 1990, after Velsicol's actions resulted in emergency conditions at this site, including a potentially lethal release of hydrogen cyanide from an uncharacterized drum.

EPA Region IV immediately mobilized to the site to address the threats posed by the open excavation trenches that were overfilling with contaminated water. Approximately 600 drums had been excavated by the responsible party. These drums were left uncharacterized and staged in a flood plain. EPA provided on-site analytical laboratory support to perform drum content and soil analysis. EPA immediately mobilized a water treatment system to treat and discharge approximately 1 million gallons of pesticide-contaminated water that had accumulated in the trenches. More than 50,000 cubic yards of contaminated soil were excavated, and EPA constructed two lined containment cells to receive the soil. EPA also removed, classified, and segregated approximately 3,000 drums. The ultimate remediation of contaminated soils and disposal of drums will be the responsibility of Velsicol Chemical Company. The total project cost to date is $4.8 million.

Southeast Rockford Ground Water Contamination Site
Region V

The Southeast Rockford groundwater contamination site is a residential area of approximately two square miles in Winnebago County in the State of Illinois. This site has been on the NPL since March 1989. Although this area is located within the city limits, it is surrounded by County-owned property and, thus, was not serviced by the city water system.

In August 1989, EPA sampled two residential wells in this area and found the well water to be contaminated with high levels of volatile organic compounds. The residents were offered bottled water while a wider sampling program was planned. The OSC attended seven public information meetings, after encouraging attendance in the various neighborhoods affected by the sampling plan. Residents were informed of the potential hazards of drinking contaminated water, and of EPA's plans to sample residential wells. Approximately 200 homes were in the path of the contaminant plume containing hazardous levels of volatile organic compounds such as cis- and trans- isomers of 1,2-dichloroethylene.

In October 1989, EPA approved $332,000 to mitigate the health threats posed by contaminated residential wells. Bottled water was supplied to approximately 185 homes while these homes were converted to point-of-use drinking water systems. An additional $1,626,500 was designated for engineering support, materials, and labor costs associated with extending and connecting affected residences to the City of Southeast Rockford's municipal water supply system.

The contaminated area was divided into two zones for water main construction and nine zones for the plumbing work, allowing a variety of tasks to be undertaken simultaneously. EPA Region V managed the construction of more than 17,000 feet of municipal water mains, residential plumbing, well abandonment, road repair, and landscaping. EPA finished the project ahead of schedule while maintaining good relations with local citizens, the City of Southeastern Rockford, Illinois EPA, and Illinois Congressional officials.

Pagano Salvage Yard
Region VI

From the early 1960s, the Pagano family operated a salvage yard on their property. They purchased salvageable materials from Federal facilities and recycled these materials in a residential area in Los Lunas, Valencia County, New Mexico. Some of the purchased materials included transformers, capacitors, and drums. Some of the transformers, capacitors, and 55-gallon drums may have leaked fluids containing PCBs onto the soil. Pagano salvage yard reportedly used some of the fluids as fuel to enhance the burning of insulated copper wire. These operations may have caused the release of PCBs into the local environment.

In September 1984, the New Mexico Environmental Improvement Division (NMEID) inspected the site. They found levels of PCBs exceeding EPA's Action Level of 50 ppm over most of the Pagano property to depths extending from one to two and one half feet.

The operator determined that the source of PCB contamination was from one "lot" of salvage purchased from Sandia National Laboratories (SNL) in mid-1983. SNL was notified of the PCB contaminated "lot" and they then removed the capacitors from the Pagano Salvage Yard, in June 1985, and sampled the rest of the drums in that "lot." When the analysis confirmed PCBs in the drums as well, SNL removed the contaminated drums at a later date.

In September 1985, EPA Region VI sampled the soil to assess the immediate threat to the public health, welfare, and the environment. The site was proposed for inclusion on the NPL in June 1988.

An Action Memorandum was signed on March 23, 1989, and on June 20, 1989, EPA's Emergency Response Branch (ERB) began on-site removal operations. The Enforcement Branch identified seven potentially responsible parties (PRPs). Notice Letters were sent to all seven PRPs allowing them the opportunity to participate in the removal action. The PRPs declined to undertake the removal action.

In June 1989, EPA's Enforcement Branch issued a CERCLA Section 106 Unilateral Administrative Order to the PRPs, requiring them to perform the removal. Although none of the PRPs agreed to perform the removal, some expressed an interest in funding the action. Consequently, a preliminary agreement was negotiated whereby EPA would conduct the cleanup and the PRPs would eventually reimburse the EPA for total project costs. Negotiations continue between the PRPs, EPA, and the Department of Justice (DOJ).

The entire property was organized into sections and then into grids of 20 by 20 feet. These grids were further divided into four smaller grids each measuring 10 by 10 feet. Access by excavation equipment and dump trucks was controlled, because the site was located in a residential neighborhood, by barriers. The entire site was excavated to a depth of 10 inches below the original grade and

samples from each grid were analyzed on-site. If the results showed levels of contamination above the permissible limit of 10ppm, excavation continued in that grid. To ensure the validity of the on-site analysis, duplicate samples were sent to a laboratory for analysis. EPA's Environmental Response Team (ERT) provided analytical services on-site. Additional core sampling revealed contamination at depths of more than six feet. The removal action was expanded to continue the sampling/excavation procedure and disposal of material off-site.

Approximately 5,100 tons of soil and debris were disposed of off-site and approximately 4,900 cubic yards of "native" soil were restored to the site.

FEMA, EPA's ERT, the State of New Mexico-Environmental Improvement Division, the Middle Rio Grande Conservancy Division, Valencia County Highway Patrol, Fire and Police Departments, and the Library and Village Administration of Los Lunas all contributed to this successful removal action.

The entire source of contamination was effectively removed and the site no longer poses a short- or long-term threat to the public or environment. Region VI signed a "No-Action" ROD for the site and is currently in the process of deleting the site from the NPL.

Kramer Drum Site
Region VII

The Kramer site in Elvins, Missouri was an unlicensed dump site from 1973 to 1982. In 1982, when the Missouri Department of Natural Resources (MDNR) ordered the owner to stop accepting waste and to clean up the site, the owners partially complied. MDNR research revealed that 876 drums were disposed of at the site by the two principal generators of the waste. Drum contents included various paint wastes, adhesive sludge, asbestos marinate, methanol, methylethyl ketone, propanol, and toluene.

In April of 1990, the EPA entered negotiations to arrange for the dumpsite owners as well as the waste generators to clean up the site. These negotiations were nearly complete when the site caught fire on June 14, 1990.

The Elvins Volunteer Fire Department responded to the incident but was forced away by the noxious smoke and by exploding and shooting drums. EPA Region VII was notified of the fire on June 15, 1990, and responded the same day. The fire was emitting smoke 50 feet into the air, drifting to the north-northeast. EPA immediately began covering the fire with dirt, working around the clock until the fire was extinguished by midday on June 16. Throughout the firefighting phase, EPA monitored the air at the perimeter of the site and at some residences north of the site.

The removal action was continued in order to segregate and overpack the drums of hazardous materials and stabilize the site. The drum excavation that followed the fire revealed many drums below the surface of the ashes and soil. All leaking drums were overpacked for safe transport to an approved disposal facility. The clean-up contractor hired by the PRPs (the dumpsite owner and the waste generators) arrived on June 21, 1989 to take over clean-up actions.

Limon Elevator
Region VIII

A tornado, which ravaged the town of Limon, Colorado on June 4, 1990, leveled a grain elevator located in the town. In the rubble of the elevator, numerous containers of pesticides and other agricultural products were found. Several of the pesticides were EPA-banned pesticides. Hazardous substances leaked from several containers, and three shock sensitive gas cylinders were discovered. Limon, a town of 1,800 people, has a major road and railroad close to the site. The site posed an explosion threat from the gas cylinders, and ingestion, inhalation, and direct contact threats from the other materials. The State of Colorado requested assistance from EPA Region VIII after unsuccessful attempts to identify the owners.

EPA's first action was to neutralize a chemical reaction which was releasing Phosphine gas, an unusually reactive and poisonous substance which attacks the respiratory and nervous system. EPA then evacuated the area. Response personnel entered in personal protective gear to remove the cylinders and detonate them safely. Containers of hazardous materials were recontainerized, stabilized, and sent to an incinerator. Pond water in an auger pit was pumped and sampled. Contaminated soil was excavated and disposed, while the excavated area and pond were backfilled. One drum, containing Gallotox, could not be incinerated and disposal facilities would not accept the drum because of its high mercury content.

Buck's War Surplus Site
Region IX

Buck's War Surplus is a military surplus business located on a 2.5 acre site in an industrial/commercial area of North Las Vegas, Nevada. Over several years this business purchased military material from surplus auctions held by the Defense Reutilization and Marketing Service (DRMS). The site consists of a small office and a large outside storage area that contained approximately 2,000 small containers of military surplus reagents, paints, epoxies, oils, and decontamination agents; and about 300 55-gallon drums of oil and grease. Batteries containing hazardous materials also were stored on site. Extreme temperature variations contributed to the degradation of many of the containers.

On May 3, 1990, the Nevada Division of Environmental Protection conducted a site visit at Buck's War Surplus. They noted that a large number of these containers were leaking, rusting, and staged haphazardly. Many of the containers were unlabeled.

On June 11, 1990, the EPA Region IX's Emergency Response Section and the Clark County Fire Department conducted a preliminary assessment at the site. Sampling data indicated the presence of corrosive, flammable, oxidizing, and water reactive compounds. EPA determined that a removal action was necessary due to significant threats from toxic fumes and the potential for explosion.

EPA Region IX secured and stabilized the site by sampling, bulking, overpacking, and staging all hazardous materials. During

negotiations among the Department of Justice, EPA, and the Department Of Defense (DOD), it was decided that DOD would transport and dispose of all materials.

As of August 1, 1990, no formal cleanup agreement had been reached between EPA and DOD. Several of the staged drums began to expand and deform in the summer heat. EPA remobilized to the site in response to the increased potential for drum failure. EPA transported offsite and disposed of 489 drums. An additional 56 drums containing flammable liquids were pumped out and the material transported offsite via a vacuum-truck. In September of 1990, the Defense Logistics Agency (DLA) agreed to obligate funds to EPA for removal activity costs. DLA then employed a contractor to remove and dispose of the remaining 482 drums from the site.

In October of 1990, DLA reimbursed EPA for more than $600,000 in response costs incurred at the site. To date, Region IX has conducted 11 CERCLA removal actions involving hazardous substances that originated as military surplus items sold at DOD auctions. Region IX has responded to nine hazardous military surplus sites at a cost of more than $1,600,000. This site is a model for how DOD and EPA can work together to reach an agreement and abate an environmental threat.

Bunker Hill Site
Region X

The Bunker Hill NPL site is spread over a 21 square mile area in Shoshone County, Idaho, with a population of approximately 5,000 people. Bunker Hill Mine was a producer of lead and zinc ore for more than 100 years, and engaged in lead and zinc milling, lead smelter operations, and various other mining activities. The Bunker Hill Mine closed in 1981. Studies completed in the 1970s showed high levels of lead in the soil in the mine complex as well as in the blood of young children in the area.

In March 1986, EPA Region X performed an emergency action to remove contaminated soils in public areas, to help protect young children from exposure to lead-contaminated soils. EPA removed contaminated soil and replaced it with clean soil in 16 areas, including school yards, playgrounds and unpaved streets.

In March 1989, ATSDR indicated that children 0-12 years of age and pregnant women were the sub-populations at the most immediate risk to lead-contaminated soils. The younger the child, the greater the danger. As a result of ATSDR findings ~~Region~~ X began a new removal action to address residences where very young children were exposed to contaminated soil. This removal was conducted in phases, beginning with properties with the highest lead contamination (greater than 500 ppm) and the youngest children (those aged 0-3 years). By late 1989, contaminated soil from 83 properties was removed and replaced with clean soil.

By October 1990, 131 more residential properties were excavated to remove contaminated soil and regraded with clean soil, bringing the total to 214 properties. In addition, some public areas such as playgrounds, school yards, and unpaved streets were excavated and regraded. This project replaced 53,000 tons of soils and more than a million square feet of sod. The Superfund remedial program is conducting further work at this site.

THE PROGRAM TO DATE

From December 1980 through September 1989, EPA and USCG completed 1,309 removal actions at an extramural cost of $327,679,492. From October 1989 through September 1990, EPA completed 189 removal actions at an extramural cost of $63,128,630. In addition, USCG completed 12 removal actions. Total Superfund removal completions and associated costs for the period December 12, 1980 through September 30, 1990 are as follows:

Total Completions

NPL*Site	411
Non-NPL Sites	1,099
Total	1,510

Total Costs of Removals

NPL*Site	$150,354,204
Non-NPL Sites	$240,453,918
Total	$390,808,122

* NPL - List of nationwide priority hazardous waste sites requiring comprehensive, long-term actions under Superfund.

HOW TO USE THIS REPORT

This Fifth Annual Report summarizes Fund-financed removal activities completed during the tenth year of the Superfund program. This report is presented as a series of matrices that are organized numerically by Region and alphabetically by State and site name within each Region. It contains the same types of information included in all previous annual reports. EPA intends to continue providing this information in future updates. The list of removal actions completed in FY 90 is based on data contained in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) as of April 9, 1991. The CERCLIS data was then verified and amended by each Regional Removal Program Office. (Very short, low-cost USCG actions, such as retrieving a drum that has washed up on a beach, are not summarized but are included in the totals.)

The last section of the report contains an index of all removal actions completed by September 30, 1989, listed alphabetically by State, and then by site name. This list also provides information on the site's NPL status and the previous annual report in which the site is described. Additionally, a summary list of all FY 90 removal completions (including small, low-cost USCG cleanups) is included for each Region. These ten summary lists provide information on the NPL status of a site and whether or not the site was a Classic Emergency. (Classic Emergencies are those actions where the release requires that on-site activities be initiated within hours of the lead agency's determination that a removal action is appropriate.)

Inquiries regarding information contained in this document should be referred to the appropriate EPA Regional office. A list of EPA contacts and a map delineating the States and territories within each Region are provided in this report.

Much of the work EPA and USCG undertake in response to releases of hazardous substances is highly technical. Definitions of the information provided in the matrices are presented in the key below.

Key to Superfund Emergency Response Actions Fifth Annual Report

Data

1. REGION: EPA Regions I, II, III, IV, V, VI, VII, VIII, IX, X

2. NAME/LOCATION: Site name and local jurisdiction

3. CATEGORY (INCIDENT):

   - Active Production Facility - any ongoing operation which manufactures, recycles, handles, stores, or transports hazardous materials or waste as a primary ingredient, product, by-product of operations, or any location contaminated due to off-site migration of hazardous materials or wastes from such ongoing operations.

   - Inactive Production Facility - any facility no longer in operation, which manufactured, recycled, handled, stored, or transported hazardous materials or wastes as a primary ingredient, product, by-product of operations, or any location contaminated due to off-site migration of hazardous materials or wastes from such previous operations.

   - Active Waste Management Facility - any ongoing operation or site whose primary purpose is to handle, exchange, transfer, store, treat, or dispose of hazardous materials or wastes, or any location contaminated due to off-site migration of hazardous materials or wastes from such a facility or site.

   - Inactive Waste Management Facility - any former operation or site whose primary purpose was to handle, exchange, transfer, store, treat or dispose of hazardous materials or wastes, or any location contaminated due to off-site migration of hazardous materials or wastes from such a facility or site.

   - Midnight Dump - any illegal dumping of hazardous substances into the air, land, water, or other element, whether accidental or deliberate.

   - Transportation-Related - any release of potential release of hazardous substances due to a transportation accident or malfunction.

- Other - any release of hazardous substances which does not conform to any of the above categories and/ or where sources of contamination are unknown.

4. STATE: Standard state abbreviation

5. NPL STATUS: (Y) Yes - on proposed or final NPL when action started
(N) No - not on proposed or final NPL when action started

6. COST: Extramural costs, which include cleanup contractor costs as reported by the Regions. Costs are subject to changes as final invoicing and data entry occur. Cost is cumulative for these actions and prior completions.

7. START DATE: The date an Action Memorandum was signed.

8. COMPLETION DATE: The date the contractor was demobilized.

9. SITE DESCRIPTION: A brief account of site events or conditions necessitating a response action.

10. PRIMARY CONTAMINANTS CATEGORY:

- Arsenic
- Dioxin/Furans
- PCBs
- Asbestos
- Cyanide
- Non-Volatile Organics
- Pesticides
- Waste Oil
- Toxic Gases
- Metals
- Acids
- Bases
- Solvents
- Inorganic Waste
- Low-Level Radioactive Waste

11. THREAT CATEGORY:

- Air Contamination
- Biological Threat
- Direct Contact - dermal, ingestion, inhalation, non-specific
- Drinking Water Contamination
- Ecological Damage
- Fire/Explosion Hazard
- Food Chain Contamination
- Ground Water Contamination
- Soil Contamination
- Surface Water Contamination
- Wetlands Contamination

12. MITIGATIVE ACTIONS:

- Migration control - specific measures used to control or eliminate contaminants from migrating off site

- Provision of alternate water supplies - temporary or permanent

- Temporary relocation/evacuation - of nearby populations

- Controlling source of threat

  - overpacking: sealing open containers and putting leaky, corroded containers of hazardous substances into new containers

  - reducing volume of hazardous substances in lagoons/containment areas

  - isolating incompatible substances

  - covering/capping: surface containment of airborne threats, landfills, lagoons, hazardous materials

  - extinguishing a fire

  - bulking materials

  - solidifying materials

  - neutralizing materials

  - collecting and/or retaining contaminants

  - other (specified).

- Excavation - soil, contaminated materials, containers

- Site restoration - backfilling, grading, seeding, repaving

- Treatment/disposal of wastes - all treatment/disposal done in accordance with applicable hazardous waste management regulations

- Alternative Technology (AT) Indicators - alternatives to land disposal may be used to treat or dispose of wastes in accordance with applicable hazardous waste management regulations:

  - Recycling - treats or processes hazardous waste to recapture material that may be reused in manufacturing and other processes

  - Thermal Destruction (e.g., incineration) - destroys or reduces wastes to a safer concentration through heat application

  - Stabilization (e.g., cement-based techniques) - treatment method that limits solubility or toxicity of hazardous waste constituents

  - Chemical (e.g., chemical oxidation) - addition of chemical compounds to hazardous waste to destroy or neutralize hazardous waste constituents

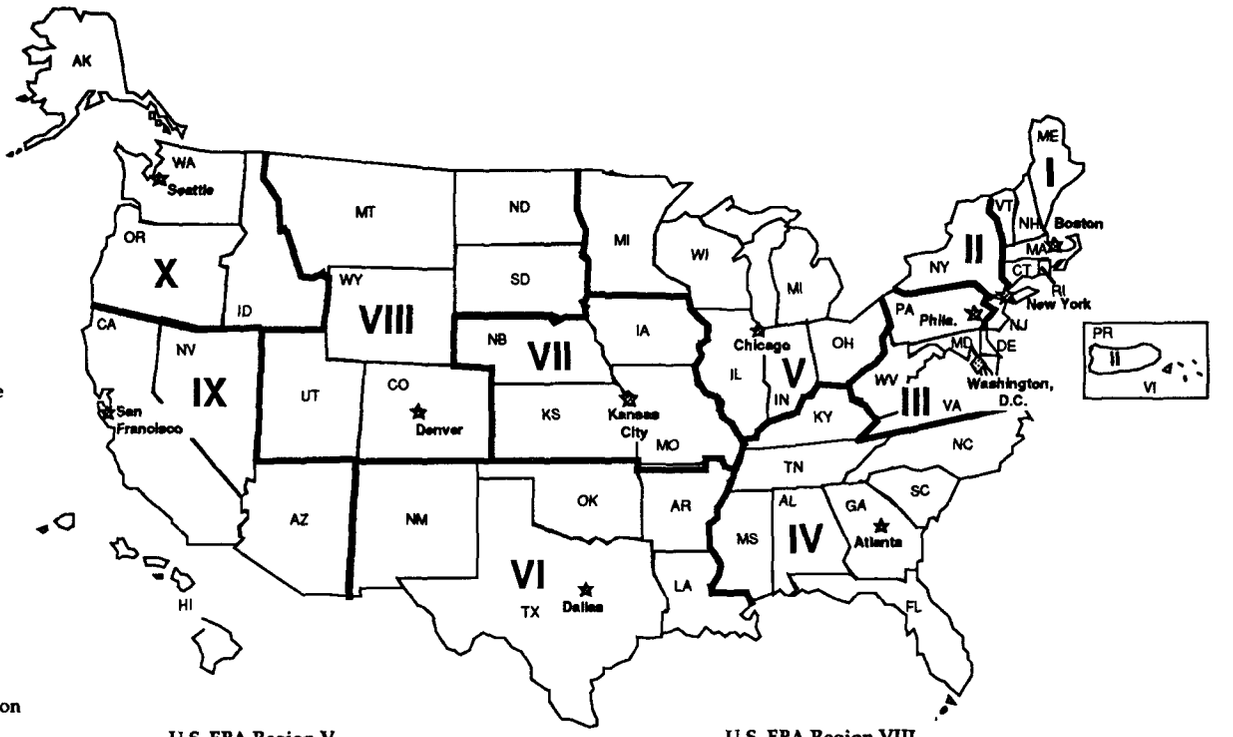
- Physical, Phase Separation (e.g., gravity separation) - physical process whereby solids or oil are removed from liquid

- Physical, Component Separation (e.g., air stripping) - physiochemical process involving ionic separation or separating dissolved solids from liquid

- Biological (e.g., activated sludge) - use of microorganisms to degrade organic compounds

- Other (e.g., installing a ventilation system, detonation) - any mitigative actions which do not conform to the above categories.

U.S. EPA REGIONAL BREAKDOWN



U.S. Environmental Protection Agency
Office of Emergency & Remedial Response
401 M Street, SW
Washington, D.C. 20460

U.S. EPA Region I
Chief, Emergency Planning
and Response Branch,
Environmental Services Division
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Chief, Response and Prevention Branch,
Emergency and Remedial Response Division
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U.S. EPA Region III
Chief, Superfund Removal Branch,
Hazardous Waste Management Division
841 Chestnut Street, 6th Floor
Philadelphia, PA 19107
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U.S. EPA Region IV
Chief, Superfund Emergency Response and
Removal Branch,
Waste Management Division
345 Courtland Street, N.E.
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U.S. EPA Region V
Chief, Emergency and Enforcement Response Branch,
Waste Management Division
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U.S. EPA Region VI
Chief, Emergency Response Branch,
Environmental Services Division
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Dallas, TX 75202
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U.S. EPA Region VII
Chief, Emergency Planning and Response Branch,
Environmental Services Division
25 Funston Road
Kansas City, KS 66115
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U.S. EPA Region VIII
Chief, Emergency Response Branch,
Hazardous Waste Management Division
One Denver Place
999 18th Street, Suite 500
Denver, CO 80202-2405
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U.S. EPA Region IX
Chief, Emergency Response Section,
Field Operations Branch,
Hazardous Waste Management Division
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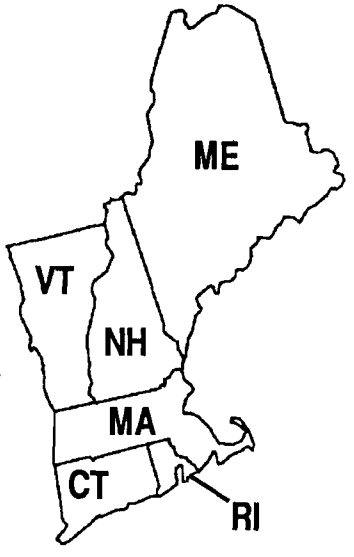
(415) 744-1730

U.S. EPA Region X
Chief, Superfund Response and Investigations Section,
Hazardous Waste Division
1200 Sixth Avenue
Seattle, WA 98101
(206) 442-1263

U.S. EPA REGION I



For Information Contact:

Chief, Emergency Planning and Response Branch, Environmental Services Division
60 Westview Street
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(617) 565-3420

REGION I FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
CT	CHESTNUTIS PROPERTY	BEACON FALLS	N	
MA	ASHLAND DRUM SITE	ASHLAND	N	
	MERIT OIL COMPANY	NATICK	N	X
ME	EASTERN SURPLUS CO	MEDDYBEMPS	N	
	ISLAND VIEW STREET SITE	SACO	N	
	SEAWAY BOAT	WINTHROP	N	
NH	OTTATI & GOSS/KINGSTON STEEL DRUM	KINGSTON	F	
VT	SPRINGFIELD SANDPITS	SPRINGFIELD	N	
USCG SITES				
MA	HIGH HEAD	PROVINCETOWN	N	
	SOUTH SHORE	MARTHAS VINEYARD	N	
	WOODS HOLE	WOODS HOLE	N	

TOTALS FOR REGION I:	
Number of Removal Completions	11
NPL Sites	1
Classic Emergency Sites.....	1
Total Cost for FY 90 (excluding USCG sites)	$4,026,297

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CHESTNUTIS PROPERTY CATEGORY: OTHER CITY: BEACON FALLS STATE: CT NPL: N COST: $1,750,000.00 EVENT: RV1 START: 06/26/89 COMPL: 07/06/90	This site is comprised of a parking lot of an auto restoration shop and a portion of an adjacent residence. Preliminary site assessments in 1980-1981 indicated the presence of metals and various volatile organic chemicals (VOCs) in the soil. An additional site assessment in 1988 indicated the same contaminants. A heavy rain storm created runoff water which had come into contact with the contaminated soil.	Benzene Toluene Chlorobenzene Pentane Polychlorinated Biphenyls Dichlorobenzene (mixed) Trichloroethane Tetrachloroethane	Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Cover/ Cap Excavation Migration Control Overpacking Containers Pump, Drain Surface Stage Containers On Site Containment Capping
NAME: ASHLAND DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ASHLAND STATE: MA NPL: N COST: $154,361.00 EVENT: RV1 START: 06/12/89 COMPL: 05/07/90	This site is located within the work area of the Nyanza Remedial Site. From 1910-1979 the area of the present Nyanza site was occupied by a number of textile dye manufacturing companies. A drum disposal area was discovered during remedial operations and this area comprises the Ashland Drum Site. Excavation of the area uncovered 250 drums.	Ethylbenzene Xylene,p- Xylene,m- Toluene Benzene Trichloroethylene Xylene,o- Nitrobenzene	Direct Contact: Non-Specific Drinking Water Contamination Ground Water Contamination Soil Contamination Surface Water Contamination	Excavation Overpacking Containers Stage Containers On Site Containment
NAME: MERIT OIL COMPANY* CATEGORY: MIDNIGHT DUMP CITY: NATICK STATE: MA NPL: N COST: $5,000.00 EVENT: RV1 START: 08/09/90 COMPL: 08/09/90	Two plastic containers were found abandoned at a gasoline station by the employees. The containers were identified as two five-gallon containers consisting of a reddish-purple liquid and marked "tissue culture waste."		Direct Contact: Ingestion	Incineration/ Thermal Destruction

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

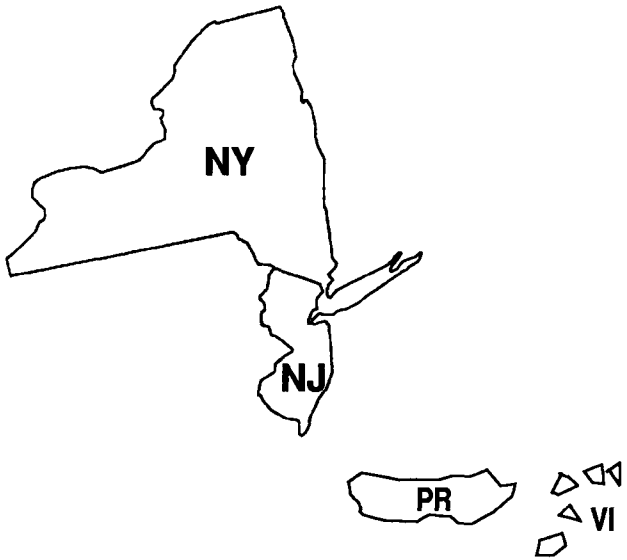
SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EASTERN SURPLUS CO CATEGORY: INACTIVE WASTE MGMT FAC CITY: MEDDYBEMPS STATE: ME NPL: N COST: $1,540,000.00 EVENT: RV1 START: 11/20/86 COMPL: 07/28/90	This site was a storage facility containing scrap metal, military equipment, 55-gallon drums, compressed gas cylinders, transformers, 10-gallon containers of hazardous materials, and a trailer of calcium carbide. Many of the containers had deteriorated and leaked onto the ground. Two PRPs eventually took responsibility for the disposal of some of the containers found on site. The trailer of calcium carbide was returned to the original manufacturer.	Toluene Polychlorinated Biphenyls Nitrotoluene,m- Calcium Carbide Hydrogen Chloride Phosphoric Acid Oleum Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination Soil Contamination	Overpacking Containers Off Site Disposal Incineration/ Thermal Destruction Neutralize Materials
NAME: ISLAND VIEW STREET SITE CATEGORY: OTHER CITY: SACO STATE: ME NPL: N COST: $100,000.00 EVENT: RV1 START: 08/06/90 COMPL: 08/17/90	The site consisted of a partially burned two story house, a shed, and an abandoned automobile. Prior to the removal the house was condemned by the city. A site investigation confirmed the presence of asbestos-containing materials under the front and back porches, in the shed, and in the automobile.	Asbestos	Direct Contact: Ingestion	Landfill
NAME: SEAWAY BOAT CATEGORY: ACTIVE PRODUCTION FACILITY CITY: WINTHROP STATE: ME NPL: N COST: $367,436.00 EVENT: RV1 START: 02/27/89 COMPL: 06/15/90	Boat building operations were conducted at the site from 1984-1988. Since 1988 the main building on the site has been used as a retail fruit and vegetable store and is currently occupied by a company that paints and refurbishes commercial refrigeration units. A site inspection revealed 340 drums on site, some upright but the majority lying on their sides.	Ethylbenzene Styrene Toluene Tetrachloroethylene Acetone Trichloroethane Lead Methyl Chloride Dichloromethane	Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Containment Alternate Water Supply

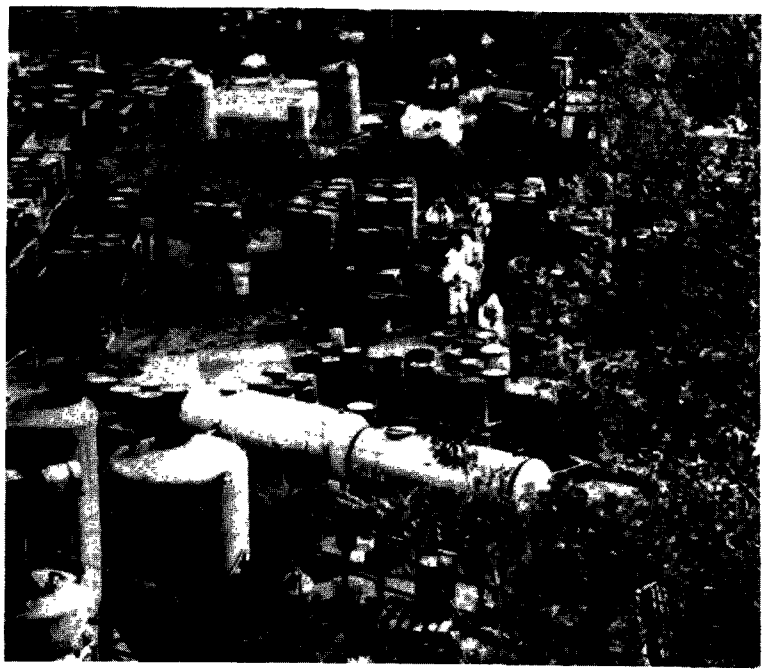
+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: OTTATI & GOSS/KINGSTON STEEL DRUM CATEGORY: INACTIVE WASTE MGMT FAC CITY: KINGSTON STATE: NH NPL: Y COST: $34,500.00 EVENT: RV2 START: 06/23/89 COMPL: 02/15/90	This site is a former sand and gravel pit used for drum disposal. Between 1978 and 1980, it was used as a drum recycling, cleaning, and storage operation. On site were approximately 4,375 drums of organic wastes in various stages of deterioration. Some were uncovered, leaking and overflowing. Surface water and ground water, both on and off site, were contaminated.	Ethylbenzene Toluene Bis(2-Ethylhexl)phthalate Trichloroethane Isophorone Trichloroethylene Naphthalene,molten	Direct Contact: Non-Specific Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Excavation Overpacking Containers Stage Containers On Site
NAME: SPRINGFIELD SANDPITS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SPRINGFIELD STATE: VT NPL: N COST: $75,000.00 EVENT: RV1 START: 06/21/89 COMPL: 01/12/90	The Springfield Sandpit site was used as a dumping area for coal tar waste products which originated from a coal gasification plant. The dumping is believed to have occured during the 1930s through 1950s. Past activities at the site also have included using sections of the site during the construction of an interstate highway and using the sand for making molds and for the test firing of weapons.	Ethylbenzene Styrene Xylene,p- Xylene,m- Toluene Anthracene Pyrene Phenanthrene Fluorene	Direct Contact: Non-Specific Ground Water Contamination Soil Contamination	Collect/ Retain Contaminants Excavation Containment

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION II





For Information Contact:

Chief, Response and Prevention Branch, Emergency and Remedial Response Division
2890 Woodbridge Avenue
Building 209, MS-211
Edison, NJ 08837-3679
(908) 321-6657

REGION II FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
NJ	BOG CREEK FARM	HOWELL TWP	F	
	CHEMICAL INSECTICIDE CORP	EDISON TWP	F	
	DANNA ESTATES	DEERFIELD	N	
	DUFFIELD AVENUE	JERSEY CITY	N	X
	ELLIS PROPERTY	EVESHAM TWP	F	
	FRANKLIN BURN SITE #1	MALAGA	N	
	FRANKLIN BURN SITE #2	FRANKLINVILLE	N	
	HEALEY MUSPYG	NEWARK	N	
	HOLLY CHEMICAL CO.	MT. HOLLY	N	
	INDUSTRIAL LATEX +	WALLINGTON	F	
	KING OF PRUSSIA	WINSLOW TWP	F	
	MONTGOMERY TOWNSHIP HOUSING DEV	MONTGOMERY TWP	F	
	MONTGOMERY TOWNSHIP HOUSING DEV	MONTGOMERY TWP	F	
	NL INDUSTRIES INC. +	PEDRICKTOWN (OLDMANS TWP)	F	
	NORTH HALEDON	NORTH HALEDON	N	
	RARITAN CENTER - AREA 4	EDISON	N	
	RARITAN CENTER - AREA 5	EDISON	N	
	WHITE CHEMICAL	NEWARK	N	X
NY	ANDOR CHEMICAL	BRADFORD	N	
	ARSENIC MINES	KENT	N	
	BERN METALS +	BUFFALO	N	
	BOYLE RD.	BROOKHAVEN	N	
	BROOK HAVEN BLVD.	PORT JEFFERSON STATION	N	
	ELECTRO-PROCESS INC.	LACKAWANNA	N	
	ENVIROTEK	TONAWANDA	N	
	EXPRESSWAY VILLAGE	TOWN OF NIAGARA	N	X
	FULTON TERMINALS	FULTON	F	
	GASPORT ELEM SCHOOL	GASPORT	N	X
	JOHNNY CAKE ROAD FARM	DANUBE TWP LONG ISLAND	N	
	MIDDLEPORT ELEM SCH	MIDDLEPORT	N	X
	RADIUM CHEMICAL	WOODSIDE, QUEENS, NYC	F	
	SALAMANCA DRUM SITE	SALAMANCA	N	
	UNION ROAD SITE	CHEEKTOWAGA	N	

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION II FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
VI	CARIBE HOME CENTER	ST. CROIX	N	
	SOUTH GATE FARM	ST. CROIX	N	
	VI DEPT OF AGRICULTURE	ST. CROIX	N	
USCG SITES				
NY	NIAGARA RIVER	UNKNOWN	N	

TOTALS FOR REGION II:	
Number of Removal Completions	37
NPL Sites	9
Classic Emergency Sites.....	5
Total Cost for FY 90 (excluding USCG sites)	$11,475,251

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BOG CREEK FARM CATEGORY: OTHER CITY: HOWELL TWP STATE: NJ NPL: Y COST: $25,000.00 EVENT: RV1 START: 03/15/90 COMPL: 09/24/90	Bog Creek is a privately owned 12 acre property in a rural area. Between 1973 and 1974, solid and liquid chemical wastes and sludges were disposed of on site in open areas and excavated pits. These contaminants were leaching into a nearby brook and groundwater aquifer. Complaints were made about odors.	Sludges Metals Volatile Organics Semivolatile Organics	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination Surface Water Contamination	Temporary Relocation On Site Disposal
NAME: CHEMICAL INSECTICIDE CORP CATEGORY: INACTIVE PRODUCTION FACILITY CITY: EDISON TWP STATE: NJ NPL: Y COST: $7,000.00 EVENT: RV3 START: 09/13/90 COMPL: 09/21/90	The Chemical Insecticide Corp (CIC) site encompasses 4.54 acres of a mixed commercial/residential area. CIC is an abandoned pesticide manufacturing facility with highly-contaminated surface and subsurface soils. The drainage is accessible to the public and poses a significant threat.	Ethylbenzene Toluene Carbolic Oil 1,2-Ethanediylbiscarbamodi 1,2,4-Trichlorobenzene 2,4,-Dichlorophenol Malathion Maneb Caustic Soda Solution	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination	Equipment Installation Containment
NAME: DANNA ESTATES CATEGORY: OTHER CITY: DEERFIELD STATE: NJ NPL: N COST: $58,000.00 EVENT: RV1 START: 03/08/88 COMPL: 01/10/90	This site was comprised of private homes which exceeded the maximum safe level for mercury.	Mercury	Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination	Alternate Water Supply
NAME: DUFFIELD AVENUE* CATEGORY: TRANSPORTATION RELATED CITY: JERSEY CITY STATE: NJ NPL: N COST: $270,000.00 EVENT: RV1 START: 12/22/89 COMPL: 04/11/90	A 40-foot trailer was abandoned in an industrial section of Jersey City. Due to missing tires and inoperable brakes, the trailer could not be moved. Upon inspection, bags and small containers of textile dyes, flammable liquids, and pesticides were found in the trailer.	Arsenic Trioxide DDT Methyl Alcohol Camphene,octachloro- 2-(2,4,5-Trichlorophenoxy 2,4-Dichlorophenoxyacetic	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Bulk Wastes Overpacking Containers Incineration/ Thermal Destruction Recycling

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ELLIS PROPERTY CATEGORY: INACTIVE WASTE MGMT FAC CITY: EVESHAM TWP STATE: NJ NPL: Y COST: $190,000.00 EVENT: RV1 START: 03/13/89 COMPL: 04/19/90	The Ellis Property was a 36-acre site surrounded by a semi-rural farming area and low density housing. The Ellis Property operated as a drum recycling facility from 1968 to 1974. Ground water and surface water contamination were suspected. Several hundred drums were spread haphazardly around the site.	Polychlorinated Biphenyls Barium Cyanide Lead Arsenic Dust Chromium Hydrogen Chloride Trichloroethylene	Direct Contact: Dermal Fire/ Explosion Hazard Ground Water Contamination Surface Water Contamination	Overpacking Containers Incineration/ Thermal Destruction Recycling
NAME: FRANKLIN BURN SITE #1 CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MALAGA STATE: NJ NPL: N COST: $174,000.00 EVENT: RV1 START: 09/20/89 COMPL: 09/27/90	The Franklin Burn Site No. 1 was a vacant lot surrounded by dense woods in a rural area. For more than 20 years the site was used as a copper extraction operation. Electric wires, capacitors, and transformers were burned to recover copper. An unknown number of people live in trailers appproximately 20 feet from the site.	Aroclor 1260 (pcb) Lead Mercury Nickel Powder Silver Beryllium Dust Cadmium Chromium Copper	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination	Migration Control Solidify Materials Containment
NAME: FRANKLIN BURN SITE #2 CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FRANKLINVILLE STATE: NJ NPL: N COST: $138,000.00 EVENT: RV1 START: 09/20/89 COMPL: 09/27/90	The Franklin Burn Site No. 2 was a blackened, ash area completely free of any vegetation. The site was located approximately 300 feet along a dirt road in a rural/remote area. The closest residential area is within a half mile radius. Five thousand square feet of the site was covered with three feet of ash. The soil was contaminated with a number of hazardous substances. The site was used for more than 20 years as a copper extraction operation.	Aroclor 1260 (pcb) Lead Mercury Nickel Powder Silver Cadmium Chromium Copper Zinc	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Soil Contamination	Migration Control Solidify Materials

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HEALEY MUSPYG CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NEWARK STATE: NJ NPL: N COST: $305,000.00 EVENT: RV1 START: 08/08/89 COMPL: 09/06/90	The Jay E. Healey/Muspyg Facility (H/M) was originally a dental products manufacturing and distributing firm. The firm was located in a heavily populated area. H/M leased part of the warehouse to Signo Trading LTD., which allegedly stored hazardous waste at the site. The hazardous substances were discovered after responding to a series of fires (non-arson) set by trespassers.	Caustic Soda Solution Formaldehyde Solution Chloroform Trichloroethane Vinyl Chloride Dichloromethane Phosphoric Acid Hydrogen Fluoride Sulfuric Acid	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Solidify Materials Stage Containers On Site Incineration/ Thermal Destruction Pump And Treatment
NAME: HOLLY CHEMICAL CO. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MT. HOLLY STATE: NJ NPL: N COST: $132,000.00 EVENT: RV1 START: 10/12/89 COMPL: 04/20/90	The Holly Chemical Co. was an abandoned chemical repackaging and distribution facility located in a light industrial/residential area that was destroyed in a fire. More than 10,000 people lived within a one-mile radius of the facility. Contaminants included 89 containers of liquids and powders, chlorine gas cylinders, and one tank truck containing 1,000 gallons of water and soil runoff from the fire.	Sodium Hypochlorite Propargyl Alcohol Tetrachloroethylene Caustic Soda Solution Benzene,dimethyl Methyl Alcohol Isopropyl Alcohol Acetone Hydrogen Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Bulk Materials Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Incineration/ Thermal Destruction Pump And Treatment
NAME: INDUSTRIAL LATEX+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: WALLINGTON STATE: NJ NPL: Y COST: $6,800.00 EVENT: RV5 START: 01/24/90 COMPL: 01/26/90	This company manufactured chemical adhesives, solvents (hydrocarbons), acrylic, resins, silicates, pigments. There was apparent soil contamination due to leakage.	Polychlorinated Biphenyls Xylene Benzene Toluene Ethyl Benzene Cyclohexane 2 Pentanone Tetrahydrofuran Methylcyclopentane	Direct Contact: Inhalation	Installed Fence

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: KING OF PRUSSIA CATEGORY: INACTIVE WASTE MGMT FAC CITY: WINSLOW TWP STATE: NJ NPL: Y COST: $439,000.00 EVENT: RV1 START: 09/12/89 COMPL: 09/06/90	The King of Prussia Site was a 10-acre, abandoned, chemical waste treatment and disposal facility. Prior to the facility's closing in 1975, six lagoons were used to process waste oils and, at an undetermined time, plastics carboys and 600-700 drums were buried on-site. The presence of hazardous materials in the soil and ground water due to surface runoff had been confirmed.	Waste Acid 1,2,4-Trichlorobenzene Ethylbenzene Lead Mercury Copper Zinc Copper Vinyl Chloride	Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Soil Contamination Surface Water Contamination Wetlands Contamination	Temporary Storage
NAME: MONTGOMERY TOWNSHIP HOUSING DEV CATEGORY: OTHER CITY: MONTGOMERY TWP STATE: NJ NPL: Y COST: $141,500.00 EVENT: RV1 START: 09/13/88 COMPL: 01/05/90	The Montgomery Township Housing Development was a 72-acre residential area. The 81 affected homes in this area utilized private wells for a potable water supply. Approximately 36 of these homes experienced potable well contamination.	Trichloroethylene	Drinking Water Contamination Ground Water Contamination	Equipment Installation Excavation
NAME: MONTGOMERY TOWNSHIP HOUSING DEV CATEGORY: OTHER CITY: MONTGOMERY TWP STATE: NJ NPL: Y COST: $318,500.00 EVENT: RV2 START: 04/23/90 COMPL: 09/28/90	The Montgomery Township Housing Development was a 72-acre residential area. The 81 affected homes in this area utilized private wells for a potable water supply. Approximately 36 of these homes experienced potable well contamination.	Trichloroethylene	Drinking Water Contamination Ground Water Contamination	Equipment Installation Excavation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: NL INDUSTRIES INC.+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PEDRICKTOWN (OLDMANS TWP) STATE: NJ NPL: Y COST: $343,005.00 EVENT: RV2 START: 11/06/89 COMPL: 09/20/90	This site was a former secondary lead smelting facility. The ground water, surface water, and soil were extensively contaminated with heavy metals due to improper storage and other factors related to processing of spent batteries on site.	Lead Compounds Sodium Aluminum (fume Or Dust) Antimony Cadmium Copper Zinc Sodium Nitrate Sulfur (liquid)	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Recycling
NAME: NORTH HALEDON CATEGORY: OTHER CITY: NORTH HALEDON STATE: NJ NPL: N COST: $723,000.00 EVENT: RV1 START: 10/14/88 COMPL: 09/21/90	Ground water contamination was observed in a residential community. Twenty-three residences, approximately 100 people, had been affected by the contamination. A machinery company was believed to be responsible for the contamination.	Tetrachloroethylene Benzene,dimethyl Carbon Tetrachloride Chloroform Trichloroethane Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination	Excavation Equipment Installation Pave Backfill
NAME: RARITAN CENTER - AREA 4 CATEGORY: OTHER CITY: EDISON STATE: NJ NPL: N COST: $64,800.00 EVENT: RV1 START: 07/07/90 COMPL: 07/18/90	The Raritan Center consists of approximately 2,900 acres within what was formerly the Raritan Arsenal. From 1917 to 1963 the arsenal was used for extensive U.S. Army operations. The operations included the storage and decommissioning of ordnance (ammunition and related materials). During this period waste materials were destroyed by burning. Accidental explosions scattered explosive materials over large areas and drove fragments into the ground. Soil samples indicated contamination from these operations in the form of TNT and lead.	Lead TNT	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Ground Water Contamination	Equipment Installation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RARITAN CENTER - AREA 5 CATEGORY: OTHER CITY: EDISON STATE: NJ NPL: N COST: $71,300.00 EVENT: RV1 START: 07/14/90 COMPL: 08/01/90	The area of concern within Area 5 had a four foot high snow fence which had collapsed in several areas. There was a 20 foot buffer from the fence to the actual burial area. Many markers throughout the area denoted burial locations. There were dead trees and shrubs in the area. Soil samples from Area 5 showed positive indications of mustard gas. Raritan Center consists of approximately 2,900 acres within what was formerly the Raritan Arsenal.	Mustard Gas Cyanides	Direct Contact: Ingestion Direct Contact: Inhalation Biological Threat Fire/ Explosion Hazard Ground Water Contamination	Equipment Installation
NAME: WHITE CHEMICAL* CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NEWARK STATE: NJ NPL: N COST: $150,000.00 EVENT: RV1 START: 09/07/90 COMPL: 09/21/90	This site was a former manufacturer of acid chlorides and flame retardant compounds located in a heavily populated/industrial area. Site contained more than 9,000 55-gallon drums, several hundred cylinders, tanks and vats, carboys, boxes, and two laboratories containing thousands of lab packs. Improper management of the stored containers resulted in damaged, bulging, and open containers, numerous spills, and storage of ignitable waste. There was a potential risk for fire and/or an explosion.	Benzyl Bromide Toluene Hydrogen Cyanide Dichloromethane Trimethylamine Hydrogen Chloride Phosphoric Acid Phosphorus Trichloride Phosphoros,white	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard	Overpacking Containers Stage Containers On Site

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ANDOR CHEMICAL CATEGORY: ACTIVE PRODUCTION FACILITY CITY: BRADFORD STATE: NY NPL: N COST: $1,500,000.00 EVENT: RV1 START: 01/29/90 COMPL: 06/12/90	Andor Chemical Co. (ACC) is a now-defunct chemical repackaging company located within a half-mile radius of a town. The business occupied an old building in poor structural condition. The ground water, which was the sole source of drinking water for the town, was contaminated. There was evidence that chemicals had been disposed of by being poured into sinks and toilets by ACC.	Xylene,m- Methyl Alcohol Isopropyl Alcohol Acetone Phosphoros,white	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Incineration/ Thermal Destruction Detonation Recycling Landfill
NAME: ARSENIC MINES CATEGORY: OTHER CITY: KENT STATE: NY NPL: N COST: $62,620.00 EVENT: RV2 START: 03/01/89 COMPL: 01/10/90	The ground water at the Arsenic Mine site was contaminated. Arsenic had contaminated two wells.	Arsenic Dust	Direct Contact: Ingestion Ground Water Contamination	Alternate Water Supply
NAME: BERN METALS+ CATEGORY: INACTIVE WASTE MGMT FAC CITY: BUFFALO STATE: NY NPL: N COST: $0.00 EVENT: RV3 START: 06/27/90 COMPL: 06/29/90	This abandoned metal recovery facility was located in a mixed residential/light industrial area. The Bern Metals Site was an abandoned metal waste reprocessing and recycling industry. There were more than 150 drums scattered about the site. Many had been either dumped or were leaking. Piles of industrial debris also were scattered about the site.	Lead Arsenic Dust Chromium Copper	Air Contamination Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination Surface Water Contamination	Containment Equipment Installation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BOYLE RD. CATEGORY: OTHER CITY: BROOKHAVEN STATE: NY NPL: N COST: $9,000.00 EVENT: RV1 START: 09/23/88 COMPL: 09/28/90	Contamination had been detected in at least three residential wells. Future plume migration could have affected other private wells.	Trichloroethane	Ground Water Contamination Direct Contact: Inhalation Direct Contact: Ingestion Drinking Water Contamination	Backfill Excavation Alternate Water Supply Equipment Installation Pave
NAME: BROOK HAVEN BLVD. CATEGORY: OTHER CITY: PORT JEFFERSON STATION STATE: NY NPL: N COST: $36,552.00 EVENT: RV1 START: 07/21/89 COMPL: 09/28/90	The Brook Haven Blvd site was a ground water contamination site. The homes in the area used private wells to obtain their potable water. Hazardous materials were detected in most of the wells.	1,2-Dichloroethane Chlorodibromomethane Tetrachloroethylene Chloroform Trichloroethane Methyl Chloride Vinyl Chloride 1,1-Dichloroethane Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Ground Water Contamination	Backfill Excavation Equipment Installation Alternate Water Supply Pave
NAME: ELECTRO-PROCESS INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LACKAWANNA STATE: NY NPL: N COST: $202,000.00 EVENT: RV1 START: 08/10/89 COMPL: 07/25/90	The Electro-Process site, a former electro-polishing operation, was located in a heavily populated, residential area. Thirty to forty drums of hazardous materials, including acids and solvents, were left on site when the facility closed. All doors to the property were locked but the property was not fully fenced.	Chromic Acid Phosphoric Acid Benzenesulfonic Acid Chloride Nitric Acid	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Bulk Wastes Incineration/ Thermal Destruction Pump And Treatment

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ENVIROTEK CATEGORY: INACTIVE WASTE MGMT FAC CITY: TONAWANDA STATE: NY NPL: N COST: $1,551,000.00 EVENT: RV1 START: 05/18/89 COMPL: 09/18/90	The Envirotek site was a vacant paint manufacturing facility which consisted of 12 dilapidated buildings on one acre of land. The site was located in a small industrial area within a residential area inhabited by several thousand people. Approximately 500 drums and numerous smaller containers of hazardous substances are located within the buildings. Most of the buildings on site were grossly contaminated and had been subject to repeated break-ins.	2-Ethyl Hexanol Butyl Acetate,n- Butyl Ether (n-) Manganese And Compounds Phosphoric Acid Methyl Ethyl Ketone Acrylamide Naphthalene,molten	Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Stage Containers On Site Recycling Temporary Storage Off Site Disposal
NAME: EXPRESSWAY VILLAGE* CATEGORY: OTHER CITY: TOWN OF NIAGARA STATE: NY NPL: N COST: $10,000.00 EVENT: RV1 START: 11/02/89 COMPL: 01/17/90	The Expressway Village site was adjacent to the Forest Glen Removal Site. Forest Glen was the subject of a removal action at the time the new drums were found. The drums contained unknown liquids and a tar-like structure.	Semi-Volatiles	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site Temporary Storage
NAME: FULTON TERMINALS CATEGORY: INACTIVE WASTE MGMT FAC CITY: FULTON STATE: NY NPL: Y COST: $18,174.00 EVENT: RV6 START: 02/14/90 COMPL: 02/23/90	This inactive petroleum and chemical storage/transfer facility stored waste oils and sludge on site. Leaking tanks and uncontained wastes were present. Surface water sediments contained waste oil contamination.	Polychlorinated Biphenyls	Direct Contact: Ingestion Fire/ Explosion Hazard Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation	Equipment Installation Excavation Migration Control

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GASPORT ELEM SCHOOL* CATEGORY: OTHER CITY: GASPORT STATE: NY NPL: N COST: $6,000.00 EVENT: RV1 START: 02/22/90 COMPL: 02/23/90	Three crates labelled as containing ether, nitrous oxide and oxygen cylinders had been stored at the Gasport Elementary School for 25 years. These crates were stored in the basement as part of a Packaged Disaster Hospital (PDH) placed at the school during the 1960s. There are nearly 500 students enrolled at the school.	Ether	Fire/ Explosion Hazard	No Action
NAME: JOHNNY CAKE ROAD FARM CATEGORY: OTHER CITY: DANUBE TWP LONG ISLAND STATE: NY NPL: N COST: $44,000.00 EVENT: RV1 START: 09/04/90 COMPL: 09/12/90	The Johnny Cake Farm site was a 377-acre dairy farm located in a rural farming town. The site consists of a two-story farmhouse, a garage, a dairy barn, and a stable. In 1987, the property was purchased by a new owner who shortly therafter began a cocaine manufacturing and distributing operation. Chemicals used in the drug processing were allegedly dumped down the septic system and into the swimming pool. Soil and ground water were both contaminated.	Toluene Tetrachloroethylene Trichloroethylene Dichloroethylene	Ground Water Contamination Soil Contamination Surface Water Contamination Drinking Water Contamination	Bulk Materials Migration Control Stage Containers On Site Containment Temporary Storage Off Site Disposal Incineration/ Thermal Destruction
NAME: MIDDLEPORT ELEM SCH* CATEGORY: OTHER CITY: MIDDLEPORT STATE: NY NPL: N COST: $6,000.00 EVENT: RV1 START: 02/23/90 COMPL: 02/23/90	Packaged Disaster Hospitals (PDHs) including cylinders of ether, nitrous oxide, and oxygen had been improperly stored in the school basement since 1957.	Ether	Fire/ Explosion Hazard	No Action

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RADIUM CHEMICAL CATEGORY: INACTIVE PRODUCTION FACILITY CITY: WOODSIDE, QUEENS, NYC STATE: NY NPL: Y COST: $3,984,000.00 EVENT: RV1 START: 07/26/88 COMPL: 06/02/90	Radium Chemical Co. handled radium "needles" or sealed sources used for cancer therapy. It was estimated that the company had approximately 110-140 curies of Radium-226 in the form of sealed sources. Some of the sources were located in a "vault" inside the facility. Two other adjacent rooms in the facility were believed to contain radioactive sources of unknown materials as well. Chemicals and other combustible materials also were located inside the building.	Radium Ethyl Ether Mercury	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Direct Contact: Non-Specific	Bulk Materials Collect/ Retain Contaminants Equipment Installation Overpacking Containers Detonation
NAME: SALAMANCA DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SALAMANCA STATE: NY NPL: N COST: $85,000.00 EVENT: RV1 START: 09/20/88 COMPL: 10/07/89	EPA was asked to investigate an abandoned fire extinguisher manufacturing facility. The site was located within the boundaries of the Seneca Indian Reservation. The site consisted of drums in various stages of decay and a cylinder.	Tricalcium Phosphate 1,1,1-Trichloroethane Toluene Zinc Octoate Xylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Collect/ Retain Contaminants Landfill Overpacking Containers Stage Containers On Site Incineration/ Thermal Destruction
NAME: UNION ROAD SITE CATEGORY: OTHER CITY: CHEEKTOWAGA STATE: NY NPL: N COST: $68,000.00 EVENT: RV1 START: 01/29/88 COMPL: 02/22/90	The Union Road Site encompassed a sensitive ecosystem of 71 acres. There was a pit/lagoon which was used as a waste disposal facility by a railroad company. Surface drainage traversed the pit/lagoon, entered the marsh, and then discharged into the Slate Bottom Creek.	Heptachlor Epoxide Endosulfan Sulfate Endrin Lead Chromium Copper	Direct Contact: Ingestion Direct Contact: Inhalation Surface Water Contamination	Installed Fence Signs Filtration

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CARIBE HOME CENTER CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: $39,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	The Caribe Home Center encompasses approximately 120,000 square feet in a heavily populated section of the island. The warehouse at the facility was destroyed by Hurricane Hugo. The hazardous material that was stored there, primarily acids, ketones, and other solvents, was scattered on a concrete pad on site.	Acetone Benzene Phosphoric Acid	Direct Contact: Non-Specific Soil Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Temporary Storage
NAME: SOUTH GATE FARM CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: $45,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	Southgate Farm was a recently abandoned nursery (landscaping) facility located on the Southgate Farm Estate. The owner abandoned the site following damage sustained during Hurricane Hugo. Various pesticides, herbicides, and fungicides were left haphazardly stored on site due to the extensive damage caused by the hurricane. Private residences were located within 300 feet of the site.	Diazinon Phosphoric Acid Copper Sulfate Sulfuric Acid Herbicides Fungicides Pesticides	Direct Contact: Ingestion Soil Contamination Surface Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site
NAME: VI DEPT OF AGRICULTURE CATEGORY: OTHER CITY: ST. CROIX STATE: VI NPL: N COST: $252,000.00 EVENT: RV1 START: 03/08/90 COMPL: 07/17/90	The facility, notably the warehouse storing hazardous materials, was heavily damaged in the Fall of 1989 by Hurricane Hugo. These materials, primarily pesticides, were found to be unlabeled, stored improperly, and subject to frequent rainfall.	Malathion Diazinon	Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers On Site

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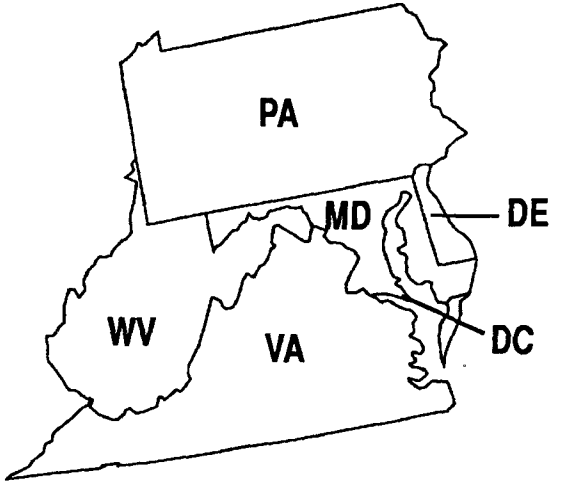
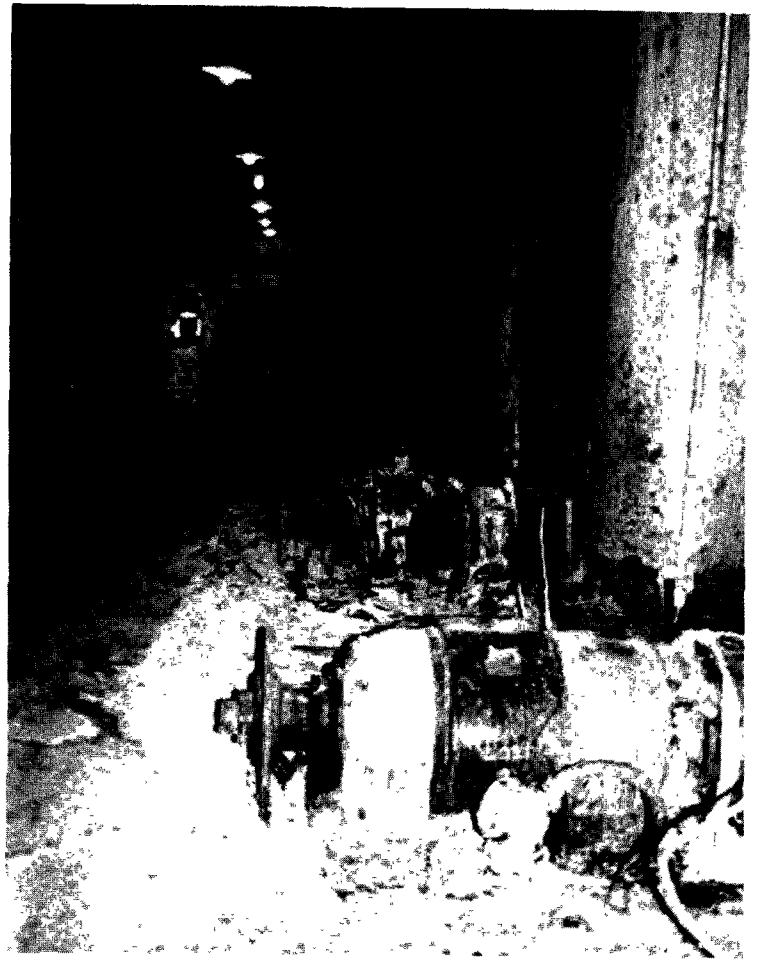
U.S. EPA REGION III





For Information Contact:

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841 Chestnut Street, 6th Floor
Philadelphia, PA 19107
(215) 597-0992

REGION III FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
DE	DEWEY BEACH CYLINDER	DEWEY BEACH	N	X
MD	ST. MARY'S SALVAGE	ST. MARYS	N	
PA	ALADDIN PLATING	CLARKS SUMMIT	F	
	AMBLER ASBESTOS PILES	AMBLER	F	
	AMERICAN STREET TANNERY +	PHILADELPHIA	N	X
	BELFIELD AVENUE SITE	PHILADELPHIA	N	
	BELFIELD AVENUE SITE +	PHILADELPHIA	N	
	CRAWFORD STATION	MIDDLETOWN	N	
	DRAKE CHEMICAL	LOCK HAVEN	F	
	HAVERTOWN PCP SITE +	HAVERFORD TWP.	F	
	PRESQUE ISLE CHEMICAL	WASHINGTON TWPO	N	
	THOMPSON ST. TRAILER SITE	PHILADELPHIA	N	X
	TONOLLI CORP	NESQUEHONING	F	
VA	COCKERILLE ESTATE ABANDONED LAB SITE	GREENWOOD	N	
	HART PROPERTY	OAKTON	N	
WV	EIGHT DRUMS SITE	PRITCHARD	N	
	ELKVIEW DRUM DUMP	ELKVIEW	N	
	JENKINJONES DRUM DUMP	JENKINJONES	N	

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* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION III FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
WV	SEWELL BOTTOM DRUM DUMP	NEW RIVER GEORGE NAT'L PA	N	

USCG SITES

TOTALS FOR REGION III:	
Number of Removal Completions	19
NPL Sites	5
Classic Emergency Sites.....	3
Total Cost for FY 90 (excluding USCG sites)	$6,012,924

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: DEWEY BEACH CYLINDER* CATEGORY: OTHER CITY: DEWEY BEACH STATE: DE NPL: N COST: $35,000.00 EVENT: RV1 START: 08/20/90 COMPL: 08/22/90	A cylinder of foreign origin washed upon the beach. The cylinder was 66 inches long and 8.5 inches in diameter. It appeared to have been in the ocean a long time due to the appearance of one inch barnacles. It was determined that the cylinder contained oxygen.		Direct Contact: Non-Specific	
NAME: ST. MARY'S SALVAGE CATEGORY: OTHER CITY: ST. MARYS STATE: MD NPL: N COST: $750,000.00 EVENT: RV1 START: 06/07/90 COMPL: 08/16/90	St. Mary's Salvage site was located in an industrial park surrounded by an industrial/commerical area. About a dozen homes were located within a quarter-mile radius. One large machine utilized in the compaction operation was still present at the site. Gross leaking and spillage were the apparent causes for the PCB contamination at the site. The site was graded for use as a parking lot and localized contamination spread throughout the grounds.	Polychlorinated Biphenyls	Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation Grade Seed

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ALADDIN PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CLARKS SUMMIT STATE: PA NPL: Y COST: $430,000.00 EVENT: RV1 START: 03/03/87 COMPL: 02/28/90	This site was an abandoned electroplating facility which operated from 1947 through 1982. A fire occurred and the processing building was almost totally destroyed. Vats containing concentrated acids and bases along with more than 20 drums and other miscellaneous containers were left unsecured and exposed to the elements. Owner performed on site disposal of electoplating wastes during years of operation via pipes from the building. This site was situated in a residential area. Site is on NPL and RD/RA is in process.	Cyanides Nickel Powder Chromium Copper	Drinking Water Contamination Direct Contact: Inhalation Soil Contamination	Migration Control Neutralize Materials Overpacking Containers Stage Containers On Site Blending Containment
NAME: AMBLER ASBESTOS PILES CATEGORY: INACTIVE PRODUCTION FACILITY CITY: AMBLER STATE: PA NPL: Y COST: $60,000.00 EVENT: RV3 START: 01/27/89 COMPL: 02/02/90	Two large piles of asbestos tailings were located at this site. Weathering had broken down the surface, causing wind stripping of asbestos. Offsite asbestos migration was confirmed at a playground at the base of one of the piles. The fence around the site was inadequate to restrict access and trespassing was evident.	Asbestos	Direct Contact: Inhalation Direct Contact: Non-Specific Surface Water Contamination	Cover/ Cap Neutralize Materials

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AMERICAN STREET TANNERY*+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PHILADELPHIA STATE: PA NPL: N COST: $95,000.00 EVENT: RV2 START: 06/26/90 COMPL: 07/06/90	At least three tanning companies operated in this building through Lease Custom Leather Services, Inc. The building was abandoned in 1986 after Lease Custom Leather Services went bankrupt. The tanning industry utilizes many corrosive, toxic, combustible, flammable, and carcinogenic materials. There were approximately 400 drums and 300 lab size containers stored inside and outside the building. This site was located in an urban area.	Acids Solvents	Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal
NAME: BELFIELD AVENUE SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PHILADELPHIA STATE: PA NPL: N COST: $150,000.00 EVENT: RV1 START: 08/20/87 COMPL: 10/11/89	This site was the Visual Packaging Co., formerly a chemical repackaging and specialty chemical blender. In 1987 the site was damaged by explosions followed by a fire. The facility housed the packaging company and several other small businesses. Materials used for blending were stored in six 1,000-gallon tanks and in one 7,000-gallon underground storage tank. These materials were flammable, combustible, and highly toxic. The area surrounding the site was primarily residential.	Toluene Tetrahydrofuran Polychlorinated Biphenyls Butyl Ether (n-) Naphtha:stoddard Solvent Pentachlorophenol Aroclor	Fire/ Explosion Hazard	Extinguish Fire Overpacking Containers Stage Containers On Site

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BELFIELD AVENUE SITE+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PHILADELPHIA STATE: PA NPL: N COST: $900,000.00 EVENT: RV2 START: 08/24/87 COMPL: 10/24/89	This site was the Visual Packaging Co., formerly a chemical repackaging and specialty chemical blender. In 1987 the site was damaged by explosions followed by a fire. The facility housed the packaging company and several other small businesses. Materials used for blending were stored in six 1,000-gallon tanks and in one 7,000-gallon underground storage tank. These materials were flammable, combustible, and highly toxic. The area surrounding the site was primarily residential.	Toluene Tetrahydrofuran Polychlorinated Biphenyls Butyl Ether (n-) Naphtha:stoddard Solvent Pentachlorophenol Aroclor	Fire/ Explosion Hazard	Extinguish Fire Overpacking Containers Stage Containers On Site
NAME: CRAWFORD STATION CATEGORY: OTHER CITY: MIDDLETOWN STATE: PA NPL: N COST: $250,000.00 EVENT: RV1 START: 03/28/89 COMPL: 03/23/90	The Crawford Station site was a power station that had drums suspected to contain hazardous chemicals.	Hydrazine Hydrate	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard Surface Water Contamination	Off Site Disposal
NAME: DRAKE CHEMICAL CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LOCK HAVEN STATE: PA NPL: Y COST: $952,624.00 EVENT: RV3 START: 08/10/88 COMPL: 04/17/90	The Drake Chemical site was a chemical production facility that had five lined and unlined lagoons containing pretreatment sludges, 30 chemical tanks and reactors, 1,878 drums of various organic chemicals, and 18 gas cylinders.	Organic Solvents Herbicides Caustics Inorganic Acids	Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Neutralize Materials Off Site Disposal

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HAVERTOWN PCP SITE+ CATEGORY: OTHER CITY: HAVERFORD TWP. STATE: PA NPL: Y COST: $614,100.00 EVENT: RV1 START: 12/11/87 COMPL: 09/28/90	This site contained the National Wood Preserves, Inc., a facility which operated a wood treatment plant. During 1947 through 1963, the National Wood Preserves Facility deposited waste material into a nearby 25-foot well. The wastes contained PCP and oil used in treating wood products. Approximately one million gallons of the PCP sludge was pumped down the well. A concrete sewer line had intercepted the sludge and was releasing it directly into a stream. Two thousand people lived within a quarter mile of the site.	Dibenzofuran Pentachlorophenol	Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination	Equipment Installation Migration Control Stage Containers On Site
NAME: PRESQUE ISLE CHEMICAL CATEGORY: CITY: WASHINGTON TWPO STATE: PA NPL: N COST: $148,200.00 EVENT: RV1 START: 10/19/89 COMPL: 09/30/90	The Presque Isle Chemical site consisted of approximately 28 acres of mostly wooded land. The site was a former solvent distillation facility from 1965 through 1971. Approximately 50 residences are located a quarter mile from the site and children used the site as a play area.	Polychlorinated Biphenyls Chromium	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Fence
NAME: THOMPSON ST. TRAILER SITE* CATEGORY: OTHER CITY: PHILADELPHIA STATE: PA NPL: N COST: $1,010,000.00 EVENT: RV1 START: 09/30/88 COMPL: 04/06/90	The Thompson St. Trailer Site consisted of five semi-trailers that were backed into an abandoned loading dock. The initial assessment revealed that three of the trailers were loaded with drums with unknown contents. The trailers appeared to be in fair to poor condition, and one appeared to have been involved in a fire. The site was located in a residential/commercial area.	Methyl Ethyl Ketone	Fire/ Explosion Hazard	Overpacking Containers Stage Containers On Site

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: TONOLLI CORP CATEGORY: INACTIVE PRODUCTION FACILITY CITY: NESQUEHONING STATE: PA NPL: Y COST: $250,000.00 EVENT: RV1 START: 10/09/87 COMPL: 12/22/89	The Tonolli Corp. owned and operated a secondary lead smelting plant. The facility operated from 1974 to 1985, at which time the plant was abandoned. The site consisted of a battery crushing operation, a smelter, a refinery, a water treatment plant, a hazardous waste landfill, and a hazardous waste above ground storage tank. Approximately 17,000 people lived within a three mile radius of the site and public drinking water wells were located within one mile of the site. It was evident that heavy metals were migrating off site.	Lead Arsenic Dust Cadmium Chromium Zinc	Biological Threat Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination	Equipment Installation Excavation Overpacking Containers Pump, Drain Surface
NAME: COCKERILLE ESTATE ABANDONED LAB S CATEGORY: OTHER CITY: GREENWOOD STATE: VA NPL: N COST: $150,000.00 EVENT: RV1 START: 11/29/88 COMPL: 10/31/89	The site consisted of two buildings that had been abandoned for approximately 15 years. Both buildings were unsecured and contained hundreds of lab reagent bottles, many of which were covered by household debris. The majority of the reagent bottles did not have proper labeling. Two compressed gas cylinders also were present at the site.	Chlorobenzene 2-Methylpyridine 1-Hexane Sodium Methylate Cadmium Oxide Arsenic Acid Solution Acetic Acid Ethylamine Sodium Nitrate	Direct Contact: Non-Specific Fire/ Explosion Hazard Other	Bulk Materials Overpacking Containers
NAME: HART PROPERTY CATEGORY: MIDNIGHT DUMP CITY: OAKTON STATE: VA NPL: N COST: $15,000.00 EVENT: RV1 START: 09/02/86 COMPL: 03/01/90	The site contains eight 55-gallon drums that were midnight dumped in a residential area. The drums contained dioxin-bearing herbicides. Ten to 12 people lived within a quarter mile of the drums.	Benxene Hexachloride Benzene Endrin	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Drinking Water Contamination Surface Water Contamination	Overpacking Containers Stage Containers On Site Temporary Storage

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EIGHT DRUMS SITE CATEGORY: MIDNIGHT DUMP CITY: PRITCHARD STATE: WV NPL: N COST: $35,000.00 EVENT: RV1 START: 12/07/89 COMPL: 06/01/90	Eleven drums containing various amounts of mining industry wastes and unknowns were abandoned on private property. The drums were in poor physical condition and it was observed that during hot weather the material liquefied and expanded through the top of the drums. The materials in the drums had been identified as hazardous substances and due to the close proximity of the local population posed a serious threat.	Toluene Benzene Methyl Chloride	Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Surface Water Contamination	Overpacking Containers Off Site Disposal
NAME: ELKVIEW DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: ELKVIEW STATE: WV NPL: N COST: $35,000.00 EVENT: RV1 START: 11/06/89 COMPL: 01/30/90	Seven 55-gallon drums were abandoned and submerged in a tributary to the Elk River, a major source of drinking water. Six of the drums were in good condition but one had a hole in it and an orange-yellow material on it posing a significant risk of harm.	Carbolic Oil	Biological Threat Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Fire/ Explosion Hazard Soil Contamination	Overpacking Containers Stage Containers On Site Off Site Disposal
NAME: JENKINJONES DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: JENKINJONES STATE: WV NPL: N COST: $98,000.00 EVENT: RV1 START: 02/20/90 COMPL: 07/27/90	Twenty three 55-gallon drums of waste solvents and tank degreasing sludge had been dumped by unknown persons. Two of the drums had emptied their contents along an embankment and the others were in poor condition and leaking. The site was unsecured and had been vandalized.	Trichloroethane 1,1-Dichloroethane	Direct Contact: Dermal Direct Contact: Inhalation Soil Contamination Surface Water Contamination	Overpacking Containers Excavation Off Site Disposal

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SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SEWELL BOTTOM DRUM DUMP CATEGORY: MIDNIGHT DUMP CITY: NEW RIVER GEORGE NAT'L PA STATE: WV NPL: N COST: $35,000.00 EVENT: RV1 START: 01/30/90 COMPL: 05/24/90	A single unlabeled drum was found eight to ten feet from the shoreline of the New River. The drum was highly deteriorated and had spilled some of its contents.	Toluene Trichloroethane Methyl Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Surface Water Contamination Soil Contamination	Overpacking Containers Excavation Off Site Disposal

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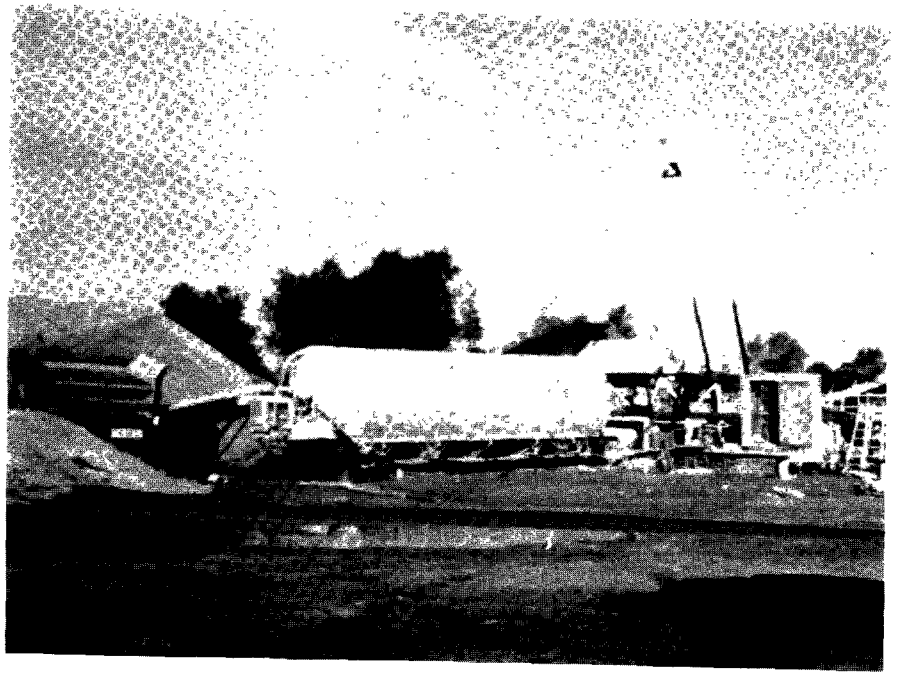
U.S. EPA REGION IV



For Information Contact:

Chief, Superfund Emergency Response and Removal Branch,
Waste Management Division
345 Courtland Street, N.E.
Atlanta, GA 30365
(404) 347-3931

REGION IV FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
AL	EARL HAMMOND DUMP SITE	LEXINGTON	N	
	MARSHALL COUNTY MAINTENANCE DRUMS	ALBERTVILLE	N	
	MOBILE BAY OIL COMPANY	THEODORE	N	
	WALLACE & WALLACE CHEMICAL AND OIL CORP	TUSKEGEE	N	
FL	S & S FLYING SERVICE	MARIANNA	N	
	SKIPPERS III	COCOA	N	X
	TOWER CHEMICAL CO +	CLERMONT	F	
GA	BIDEZ ROAD MIDNIGHT DUMP	LITHONIA	N	
	BURKE COUNTY PESTICIDES WAREHOUSES	ALEXANDER	N	
	CLARK BROTHERS WAREHOUSE	ALBANY	N	
	GENERAL REFINING CO. ABANDONED SITE	GARDEN CITY	N	
	LITHONIA DRUMS DUMP	LITHONIA	N	
	MAXI-EM, INC	ATLANTA	N	
	OYSTER SHELL CAFE	PATTERSON	N	
	PAVILLION DRUM SITE	MARIETTA	N	X
	RIVER ROAD DRUMS	DECATUR	N	
	STONEWALL DRIVE DRUM SITE	ATLANTA	N	X
	TURNER HILL ROAD DRUM SITE	LITHONIA	N	
	WASHINGTON ETHER SITE	WASHINGTON	N	X
KY	CUSTOM INDUSTRIAL SERVICES	SHELBYVILLE	N	
	DEENA PRODUCTS CO., INC	ARLINGTON	N	
	RAY'S SUPERIOR FOOD MARKET	JELLICO	N	
MS	BROOKHAVEN DRUM SITE	BROOKHAVEN	N	
	FMHA-JAMES TUCKER SITE	UTICA	N	
	HATTIESBURG DRUMS SITE	HATTIESBURG	N	
	HOWARD STREET PCB	VICKSBURG	N	X
	JONES COUNTY DRUMS	LAUREL	N	
	OCEAN SPRING ETHER	OCEAN SPRING	N	X
	PRAIRIE/STARKVILLE ETHER SITES	PRAIRIE	N	X
	PRENTISS CREOSOTE & FOREST PRODUCTS	PRENTISS	N	

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION IV FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
MS	SOUTHEASTERN WOOD PRESERVING	CANTON	N	
NC	ABERDEEN PESTICIDE DUMPS +	ABERDEEN	F	
	CAMPBELL PROPERTY DRUM	RUTHERFORDTON	N	
	CAROLINA TRANSFORMER	FAYETTEVILLE	F	
	F C X., INC (STATESVILLE PLANT)	STATESVILLE	F	
	GOAT PASTURE ROAD	WADESBORO	N	X
	NEW HAVEN DRIVE TCE SITE	GASTONIA	N	
	OLD MT. HOLLY ROAD PCE SITE	CHARLOTTE	N	X
	SURRY COUNTY TIRE FIRE	DOBSON	N	
SC	PALMETTO WOOD PRESERVING, INC	CAYCE	F	
	WOODBURN ANALYTICAL LAB 7/FIELDING CHEM	ANDERSON	N	
TN	ARLINGTON BLENDING & PACKAGING CO.	ARLINGTON	F	
	CHILHOWEE LAKE PCB DRUMS	TALLASSEE	N	X
	COSCIA DRIVE PESTICIDES SITE	FRAYSER	N	
	HORN LAKE ROAD PAILS SITE	MEMPHIS	N	
	RANGE ROAD DRUM SITE	MEMPHIS	N	

USCG SITES

TOTALS FOR REGION IV:	
Number of Removal Completions	46
NPL Sites	6
Classic Emergency Sites.....	10
Total Cost for FY 90 (excluding USCG sites)	$14,371,387

+ A removal action was previously completed at this site.
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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EARL HAMMOND DUMP SITE CATEGORY: MIDNIGHT DUMP CITY: LEXINGTON STATE: AL NPL: N COST: $60,000.00 EVENT: RV1 START: 01/26/89 COMPL: 01/26/90	Thirty 55-gallon drums were midnight dumped onto rural property. Oil-based material spilled on the ground as a result of dumping.	Waste Oils	Direct Contact: Dermal Soil Contamination Surface Water Contamination	Overpacking Containers Recycling
NAME: MARSHALL COUNTY MAINTENANCE DRUMS CATEGORY: MIDNIGHT DUMP CITY: ALBERTVILLE STATE: AL NPL: N COST: $10,000.00 EVENT: RV1 START: 11/20/89 COMPL: 12/20/89	Drums were abandoned along the side of a road.	Toluene Benzene Zylene	Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal Temporary Storage
NAME: MOBILE BAY OIL COMPANY CATEGORY: INACTIVE PRODUCTION FACILITY CITY: THEODORE STATE: AL NPL: N COST: $80,000.00 EVENT: RV1 START: 01/25/89 COMPL: 01/25/90	The Mobile Bay Oil Company was at this site for approximately two years. Waste oil and solvents were stored in two 4,500-gallon above ground storage tanks. Spillage and boilovers resulted in contamination of soil around the tanks with waste oil and solvent mixture. An open pit between the tanks contained similar material. The site appeared to have been abandoned.	Ethylbenzene Xylene,p- Xylene,m- Toluene Xylene,o-	Fire/ Explosion Hazard Soil Contamination Direct Contact: Dermal Direct Contact: Inhalation Surface Water Contamination	Incineration/ Thermal Destruction Off-Site Neutralize Materials
NAME: WALLACE & WALLACE CHEMICAL AND OI CATEGORY: INACTIVE PRODUCTION FACILITY CITY: TUSKEGEE STATE: AL NPL: N COST: $70,000.00 EVENT: RV1 START: 01/09/89 COMPL: 12/21/89	This site contained approximately 269 55-gallon drums grouped in three separate storage areas. The materials in the drums primarily consisted of various types of lube oils, hydraulic fluids, and solvents. The drums appeared to have been leaking their contents onto the ground.	Ethylbenzene Toluene Ethyl Acetate DDT Benzene DDD DDE Methane Trichlorofluoro Phenanthrene	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation	Off Site Disposal

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: S & S FLYING SERVICE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MARIANNA STATE: FL NPL: N COST: $863,637.00 EVENT: RV2 START: 03/23/90 COMPL: 09/14/90	S&S Flying Service was a cropdusting outfit in service for 20 years. The site consisted of an airplane hangar and two land areas associated with crop dusting. The aerial applicator did not practice proper waste management. Pesticide containers and wing tanks were washed out on the grounds of the facility. Approximately 8,000 cubic yards of soil had been contaminated.	Trifluralin Chlorothalonil DDT Camphene,octachloro-	Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Off Site Disposal Incineration/ Thermal Destruction
NAME: SKIPPERS III* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: COCOA STATE: FL NPL: N COST: $314,000.00 EVENT: RV1 START: 05/15/89 COMPL: 03/01/90	Skippers III was an electoplating operation that specialized in electroplating jewelry and small objects for individuals and industry. While in operation the facility engaged in nickel, silver, gold, zinc, and copper plating and anondizing of aluminium. The baths used for electroplating and anondizing held approximately 30 gallons of plating solution rinse/water, soapy water or acid.	Caustic Soda Solution Sodium Cyanide Silver Cyanide Barium Cyanide Zinc Cyanide Lead Chromium Hydrogen Chloride Arsenic Acid Solution	Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Overpacking Containers Off Site Disposal
NAME: TOWER CHEMICAL CO+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CLERMONT STATE: FL NPL: Y COST: $483,000.00 EVENT: RV3 START: 02/08/88 COMPL: 07/13/90	The Tower Chemical Company was a former pesticide formulation facility. This facility used DDT as a raw product and had an open, contaminated burn/bury area and percolation pond. Both areas were highly contaminated and posed a threat to the surrounding environment.	DDT Volatile Organics Xylene MEK MIBK Toluene	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Inhalation Ground Water Contamination Ecological Damage Biological Threat	Excavation Incineration/ Thermal Destruction Other Treatment Technologies

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BIDEZ ROAD MIDNIGHT DUMP CATEGORY: MIDNIGHT DUMP CITY: LITHONIA STATE: GA NPL: N COST: $35,000.00 EVENT: RV1 START: 03/15/89 COMPL: 11/01/89	Seven drums of chemicals had been dumped alongside Bidez Road. Labelling on one of the drums indicated that it contained Tetrahydrofuran.	Tetrahydrofuran	Fire/ Explosion Hazard Soil Contamination Ecological Damage Biological Threat	Overpacking Containers Off Site Disposal
NAME: BURKE COUNTY PESTICIDES WAREHOUSE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALEXANDER STATE: GA NPL: N COST: $267,000.00 EVENT: RV1 START: 07/24/89 COMPL: 05/18/90	Numerous containers of a variety of pesticides were stored in and around the warehouses. Several drums abandoned outside of the buildings had deteriorated beyond recognition. Much of the bagged products stored inside the warehouses had been released because their containers also had deteriorated.	Aldicarb Dursban Methyl Parathion DDT Carbaryl Toxaphene Paraquat 2,4,5 - T	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Bulk Materials Excavation Incineration/ Thermal Destruction
NAME: CLARK BROTHERS WAREHOUSE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: ALBANY STATE: GA NPL: N COST: $58,000.00 EVENT: RV1 START: 05/23/90 COMPL: 08/13/90	The Clark Brothers Warehouse site was a bonded warehouse which accepted a wide variety of commodities including foodstuffs, appliances, agricultural supplies and pesticides. The pesticides were not stored with the foodstuffs. Several containers of the pesticide had rusted through and released their contents.	Pentane Carbon Disulfide Carbon Tetrachloride	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Incineration/ Thermal Destruction Off-Site
NAME: GENERAL REFINING CO. ABANDONED SI CATEGORY: INACTIVE WASTE MGMT FAC CITY: GARDEN CITY STATE: GA NPL: N COST: $4,200,000.00 EVENT: IR1 START: 08/14/85 COMPL: 07/20/90	This site was a former oil recycling facility. Twenty tanks of waste oil and four lagoons filled with sludge from sulfuric acid processing were left on site. Filter press solids also were stored on site.	Lead Sludges Waste Oil	Surface Water Contamination Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Solidify Materials Neutralize Materials Solvent Extraction

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SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LITHONIA DRUMS DUMP CATEGORY: MIDNIGHT DUMP CITY: LITHONIA STATE: GA NPL: N COST: $60,000.00 EVENT: RV1 START: 03/14/89 COMPL: 11/06/89	The Lithonia Drum Dump was the result of the apparent abandonment of 36 unmarked 55-gallon drums of waste in an industrial park.	Chromic Acid Tetrachloroethylene Dichloromethane Ethane, 1,1,2-Trichloro	Direct Contact: Dermal Direct Contact: Inhalation	Temporary Storage Off Site Disposal
NAME: MAXI-EM, INC CATEGORY: ACTIVE PRODUCTION FACILITY CITY: ATLANTA STATE: GA NPL: N COST: $2,500.00 EVENT: RV1 START: 03/14/90 COMPL: 03/14/90	A spill of hydroflouric acid occurred at this site. The warehouse was used by an individual to dilute concentrated hydrofluoric acid. The release occurred due to equipment failure/operator error.	Hydrofluoric Acid	Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Migration Control Neutralize Materials
NAME: OYSTER SHELL CAFE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: PATTERSON STATE: GA NPL: N COST: $15,000.00 EVENT: RV1 START: 06/11/90 COMPL: 08/06/90	There was a spill of green liquid at this site.	Sulfuric Acid	Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Neutralize Materials Off-Site
NAME: PAVILLION DRUM SITE* CATEGORY: MIDNIGHT DUMP CITY: MARIETTA STATE: GA NPL: N COST: $8,000.00 EVENT: RV1 START: 01/26/90 COMPL: 08/03/90	Four drums containing unknown substances were discovered in a wooded area adjacent to a residential area and small stream.	Paint Wastes	Surface Water Contamination Biological Threat Ecological Damage Direct Contact: Non-Specific	Overpacking Containers Temporary Storage Recycling Blending

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: RIVER ROAD DRUMS CATEGORY: MIDNIGHT DUMP CITY: DECATUR STATE: GA NPL: N COST: $20,000.00 EVENT: RV1 START: 04/26/89 COMPL: 11/10/89	Four 55-gallon drums and several smaller containers were abandoned on a dirt road. The drums and smaller containers had leaked and contaminated the surrounding soil. There was no labelling or visible markings on any of the drums.	Paint Wastes Solvents	Soil Contamination Fire/ Explosion Hazard Direct Contact: Dermal	Overpacking Containers Temporary Storage
NAME: STONEWALL DRIVE DRUM SITE* CATEGORY: MIDNIGHT DUMP CITY: ATLANTA STATE: GA NPL: N COST: $20,000.00 EVENT: RV1 START: 06/11/90 COMPL: 07/31/90	This site contained one intact drum and one spilled drum which contaminated the surrounding soil. The contents of the spilled drum were originally thought to be mercury.	Polyisopropylene	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Excavation Stage Containers Off Site
NAME: TURNER HILL ROAD DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: LITHONIA STATE: GA NPL: N COST: $105,000.00 EVENT: RV1 START: 03/15/89 COMPL: 01/16/90	The Turner Hill Road Drum site was the result of illegal transportation and disposal of 31 drums of hazardous waste on an undeveloped lot. Some of the drums were leaking and deteriorating which resulted in soil contamination.	Propionitrile Acrylonitrile Trichloroethane Propionic Acid Tetrachloroethane	Soil Contamination Ground Water Contamination	Overpacking Containers Excavation Off Site Disposal
NAME: WASHINGTON ETHER SITE* CATEGORY: OTHER CITY: WASHINGTON STATE: GA NPL: N COST: $10,000.00 EVENT: RV1 START: 09/19/90 COMPL: 09/19/90	This site contained 96 containers of ether at an old Civil Defense Hospital.	Ether	Fire/ Explosion Hazard Direct Contact: Dermal	Detonation Off-Site

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CUSTOM INDUSTRIAL SERVICES CATEGORY: INACTIVE WASTE MGMT FAC CITY: SHELBYVILLE STATE: KY NPL: N COST: $1,700,000.00 EVENT: RV1 START: 01/24/89 COMPL: 04/20/90	The Custom Industrial Services facility was supposed to operate as a waste solvent fuels blending facility, however, additional non-acceptable wastes were received by the company. The unacceptable materials included lab packs, cyanides, and acids. There were 1,156 drums and two bulk tankers on site.	Ethylbenzene Toluene Lead Ether Solvents	Fire/ Explosion Hazard Surface Water Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Off Site Disposal Detonation
NAME: DEENA PRODUCTS CO., INC CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ARLINGTON STATE: KY NPL: N COST: $305,000.00 EVENT: RV2 START: 01/26/90 COMPL: 07/25/90	The potential existed for a hydrogen cyanide gas release at the Deena Products Co. because the strong acids had not been segregated from the cyanide-bearing wastes.	Cyanides Chromium Other Metals	Fire/ Explosion Hazard Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Bulk Materials Overpacking Containers Off Site Disposal
NAME: RAY'S SUPERIOR FOOD MARKET CATEGORY: MIDNIGHT DUMP CITY: JELLICO STATE: KY NPL: N COST: $23,000.00 EVENT: RV1 START: 10/28/89 COMPL: 01/22/90	Two quarters of elemental mercury had been dumped onto the parking lot at this site. Approximately 50 feet by 100 feet of the parking lot had been contaminated.	Mercury	Direct Contact: Dermal Direct Contact: Ingestion Soil Contamination Direct Contact: Inhalation	Off Site Disposal Collect/ Retain Contaminants
NAME: BROOKHAVEN DRUM SITE CATEGORY: OTHER CITY: BROOKHAVEN STATE: MS NPL: N COST: $10,000.00 EVENT: RV1 START: 02/13/89 COMPL: 11/08/89	Several 55-gallon drums of reagent grade petroleum ether and one 55-gallon drum of cyclohexane were discovered in a roadside ditch.	Cyclohexanone, Cycohexanol	Fire/ Explosion Hazard Soil Contamination Direct Contact: Dermal Direct Contact: Inhalation	Detonation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: FMHA-JAMES TUCKER SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: UTICA STATE: MS NPL: N COST: $84,000.00 EVENT: RV1 START: 09/06/89 COMPL: 07/25/90	This site contained abandoned pesticides.	Pesticides	Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Landfill Off-Site
NAME: HATTIESBURG DRUMS SITE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: HATTIESBURG STATE: MS NPL: N COST: $15,000.00 EVENT: RV1 START: 07/23/90 COMPL: 07/26/90	There were eight abandoned drums at this site.	Methyl Ethyl Ketone	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Recycling
NAME: HOWARD STREET PCB* CATEGORY: OTHER CITY: VICKSBURG STATE: MS NPL: N COST: $5,000.00 EVENT: RV1 START: 05/30/90 COMPL: 05/30/90	Three transformers dated 1947 fell from a utility pole into a small stream in a residential area. One of the transformers leaked PCBs into the stream.	Polychlorinated Biphenyls	Direct Contact: Ingestion	Collect/ Retain Contaminants Migration Control Containment
NAME: JONES COUNTY DRUMS CATEGORY: MIDNIGHT DUMP CITY: LAUREL STATE: MS NPL: N COST: $20,000.00 EVENT: RV1 START: 06/13/89 COMPL: 11/08/89	This site was located on an 800-acre hunting preserve in a rural area. An unknown party had used the area for indiscriminate dumping of 55-gallon drums.	Ethylbenzene Methyl Isobutyl Ketone Xylene,m- Toluene	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Fire/ Explosion Hazard Surface Water Contamination	Collect/ Retain Contaminants Recycling Incineration/ Thermal Destruction Landfill Off-Site

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: OCEAN SPRING ETHER* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: OCEAN SPRING STATE: MS NPL: N COST: $25,000.00 EVENT: RV1 START: 06/21/90 COMPL: 06/22/90	One case of ether was stored at this site creating the threat of explosion.	Ether	Fire/ Explosion Hazard	Detonation
NAME: PRAIRIE/STARKVILLE ETHER SITES* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: PRAIRIE STATE: MS NPL: N COST: $35,000.00 EVENT: RV1 START: 05/08/90 COMPL: 05/17/90	Approximately 31 cases of clinical grade ether, made in 1962, were located in warehouses at the Prairie Site. Each case contained approximately 96 quarter-pound cans. One case of the ether also was stored in the basement of City Hall at the Starkville Site. Seventy-two cans were in this case.	Ethyl Ether	Fire/ Explosion Hazard	Detonation
NAME: PRENTISS CREOSOTE & FOREST PRODUC CATEGORY: MIDNIGHT DUMP CITY: PRENTISS STATE: MS NPL: N COST: $13,000.00 EVENT: RV2 START: 07/24/89 COMPL: 10/28/89	This site was a wood preserving operation that used pressure cylinders with creosote and pentachlorophenol. The product and waste storage tanks, lagoons, and pole storage yards, were all heavily contaminated.	Creosote (wood) Pentachlorophenol	Surface Water Contamination Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal	Recycling Capping Incineration/ Thermal Destruction Solidify Materials
NAME: SOUTHEASTERN WOOD PRESERVING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CANTON STATE: MS NPL: N COST: $580,000.00 EVENT: RV1 START: 06/09/86 COMPL: 12/24/89	This facility was a wood preserving and treating operation. The wood was treated with creosote and pentachlorophenol. Storage tanks, two buried lagoons, piles of contaminated soil and surface contamination were present at this site. The creek bank also was contaminated.	Carbolic Oil Creosote,coal Tar Pentachlorophenol	Surface Water Contamination Soil Contamination Direct Contact: Non-Specific	Stage Containers On Site Excavation Temporary Storage Bioremediation

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ABERDEEN PESTICIDE DUMPS+ CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ABERDEEN STATE: NC NPL: Y COST: $620,000.00 EVENT: RV2 START: 08/13/86 COMPL: 02/28/90	Abandoned pesticide formulating facilities. Buried trenches containing formulating waste and off-spec product. Area wide ground water contamination.	DDT Dieldrin DDD DDE Heptachlor Camphene,octachloro-	Soil Contamination Ground Water Contamination Direct Contact: Non-Specific	Containment Excavation Temporary Storage Incineration/ Thermal Destruction
NAME: CAMPBELL PROPERTY DRUM CATEGORY: MIDNIGHT DUMP CITY: RUTHERFORDTON STATE: NC NPL: N COST: $12,000.00 EVENT: RV1 START: 11/04/88 COMPL: 12/18/89	Eight drums of hazardous substances were abandoned at this site.	Ethylbenzene Xylene,m- Toluene Oils,misc:mineral	Fire/ Explosion Hazard Ground Water Contamination	Off Site Disposal
NAME: CAROLINA TRANSFORMER CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FAYETTEVILLE STATE: NC NPL: Y COST: $60,000.00 EVENT: RV3 START: 03/14/90 COMPL: 05/16/90	PCB capacitors and transformers were dumped at this site.	Polychlorinated Biphenyls	Ground Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion	Overpacking Containers Off Site Disposal
NAME: F C X., INC (STATESVILLE PLANT) CATEGORY: ACTIVE PRODUCTION FACILITY CITY: STATESVILLE STATE: NC NPL: Y COST: $60,000.00 EVENT: RV1 START: 01/12/89 COMPL: 01/12/90	This site was a former pesticide formulator and bulk distribution center. Alleged waste pesticides were buried underneath a warehouse. The ground water was contaminated with pesticides.	DDT Lindane	Ground Water Contamination Soil Contamination	Monitoring Wells Installed

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* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GOAT PASTURE ROAD* CATEGORY: MIDNIGHT DUMP CITY: WADESBORO STATE: NC NPL: N COST: $15,000.00 EVENT: RV1 START: 11/28/89 COMPL: 11/28/89	The Goat Pasture Road site was located in a rural area with a low population density. Wastes found at the site had been disposed of illegally and stored in such a fashion that materials were likely to be released and migrate beyond the site. The five drums found at the site contained high strength industrial floor cleaners. These materials were highly corrosive.	Corrosives Caustics	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ground Water Contamination Surface Water Contamination	Off Site Disposal Overpacking Containers
NAME: NEW HAVEN DRIVE TCE SITE CATEGORY: OTHER CITY: GASTONIA STATE: NC NPL: N COST: $250,000.00 EVENT: RV1 START: 09/20/89 COMPL: 07/27/90	Forty private wells on New Haven Drive were found to be contaminated with Tetrachloroethylene. No alternative source of water was immediately available. The city water supply system was extended to hook up 52 homes.	Tetrachloroethylene	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination Drinking Water Contamination	Alternate Water Supply
NAME: OLD MT. HOLLY ROAD PCE SITE* CATEGORY: OTHER CITY: CHARLOTTE STATE: NC NPL: N COST: $5,000.00 EVENT: RV1 START: 04/06/90 COMPL: 05/04/90	This site was a residence that was using a well contaminated with PCE, TCE and DCE. The residence was hooked up to the municipal water system.	PCE TCE DCE	Direct Contact: Inhalation Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination Drinking Water Contamination	Alternate Water Supply
NAME: SURRY COUNTY TIRE FIRE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: DOBSON STATE: NC NPL: N COST: $250,000.00 EVENT: RV1 START: 06/14/89 COMPL: 02/15/90	This fire involved approximately 1,000,000 tires, causing airborne release of contaminants and runoff of leachate into surface water. Fund-lead response involved covering the burning tires with dirt and recovery of oil from a nearby creek.	Volatile Organics	Direct Contact: Inhalation Surface Water Contamination Biological Threat Ecological Damage	Collect/ Retain Contaminants Excavation Extinguish Fire

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: PALMETTO WOOD PRESERVING, INC CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CAYCE STATE: SC NPL: Y COST: $2,000,000.00 EVENT: RV2 START: 05/17/88 COMPL: 01/23/90	This facility pressure treated lumber which resulted in an excess of chromated copper arsenate being drained onto the ground. A residence approximately 200 feet from the wood preserving plant experienced contamination of their drinking water.	Chromium Copper Arsenic	Ground Water Contamination Drinking Water Contamination Direct Contact: Ingestion	Excavation Solidify Materials Alternate Water Supply
NAME: WOODBURN ANALYTICAL LAB 7/FIELDIN CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ANDERSON STATE: SC NPL: N COST: $1,400,000.00 EVENT: RV1 START: 02/22/89 COMPL: 05/03/90	This site had cadmium contamination from a fire at the facility.	Cadmium Sulfuric Acid Lab Packs	Ground Water Contamination Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Ingestion	Off Site Disposal Excavation Detonation
NAME: ARLINGTON BLENDING & PACKAGING CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ARLINGTON STATE: TN NPL: Y COST: $17,000.00 EVENT: RV2 START: 07/05/90 COMPL: 07/07/90	This site was used to formulate pesticides and other chemicals. Toxic chemical residues migrated off site.	Chlordane Pesticides	Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination	Excavation Migration Control Backfill
NAME: CHILHOWEE LAKE PCB DRUMS* CATEGORY: MIDNIGHT DUMP CITY: TALLASSEE STATE: TN NPL: N COST: $150,000.00 EVENT: RV1 START: 09/16/89 COMPL: 12/20/89	Drums of suspected PCB waste and other hazardous materials were discovered in a lake near Alcoa, TN.	Polychlorinated Biphenyl S	Biological Threat Direct Contact: Dermal Ecological Damage	Off Site Disposal

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: COSCIA DRIVE PESTICIDES SITE CATEGORY: ACTIVE PRODUCTION FACILITY CITY: FRAYSER STATE: TN NPL: N COST: $30,000.00 EVENT: RV1 START: 04/27/89 COMPL: 11/09/89	Drums of a pesticide, Paris Green, were found by firefighters in a burning barn.	Pesticides	Direct Contact: Inhalation Direct Contact: Dermal	Off Site Disposal
NAME: HORN LAKE ROAD PAILS SITE CATEGORY: MIDNIGHT DUMP CITY: MEMPHIS STATE: TN NPL: N COST: $1,250.00 EVENT: RV1 START: 02/14/89 COMPL: 10/06/89	Nine 5-gallon plastic pails, two leaking were found on a public highway. The pails were marked "Hazardous Materials - Dispose". The pails were determined to contain non hazardous pig dung.	Non-Hazardous Material		Overpacking Containers Temporary Storage Excavation Off Site Disposal
NAME: RANGE ROAD DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: MEMPHIS STATE: TN NPL: N COST: $5,000.00 EVENT: RV1 START: 10/24/89 COMPL: 03/02/90	Four 55-gallon drums were dumped into a wooded area off Range Road. These drums were located less than 100 yards from a nearby residential area. Three of the four drums were leaking when discovered.	Ethylbenzene Toluene Bis(2-Ethylhexl)phthalate Tetrachloroethylene Benzene,dimethyl Aldrin Acetone Benzene Trichloroethane	Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination Ground Water Contamination	Overpacking Containers Off Site Disposal

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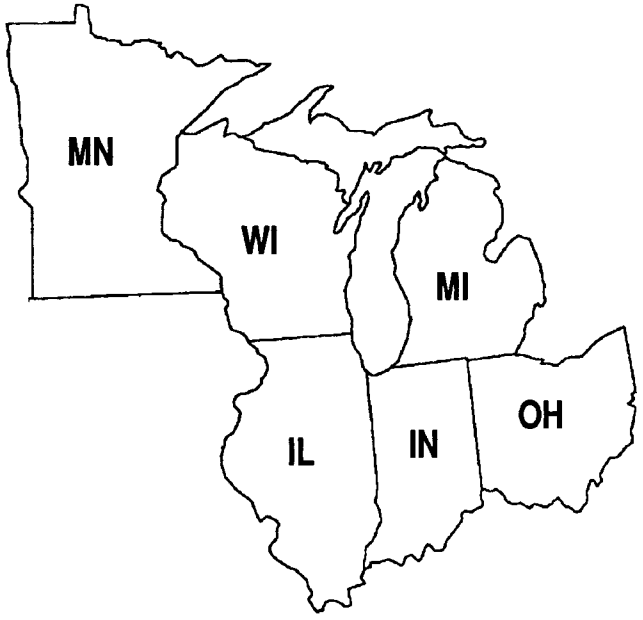
U.S. EPA REGION V



For Information Contact:

Chief, Emergency and
Enforcement Response Branch,
Waste Management Division
230 S. Dearborn Street
Chicago, IL 60604
(312) 886-6236

REGION V FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
IL	MORRIS PAINTS AND VARNISH	EAST ST. LOUIS	N	X
	MT RICHARDS OIL CO	CROSSVILLE	N	
	PAXTON AVENUE LAGOONS	CHICAGO	N	
	QUINCY DRUMS	QUINCY	N	
IN	BAKER PROP	MUNICE	N	
	C & M PLATING	ROANOKE	N	
	ENGINUITY, INC.	ALBANY	N	
	INGRAM RICHARDSON CO	FRANKFORT	N	
	TRIPLE J MOTORS SITE	GARY	N	
	TUSSEY TRAILER SITE	WATERLOO	N	X
MI	BROOKS FOUNDRY	ALBION	N	
	FOREST HUMBOLDT DUMPING	DETROIT	N	X
	HAWKENS FURNISHINGS	UNION CITY	N	
	MAINTENANCE MACHINE PRODUCTS, INC.	MAYVILLE	N	
	NAGEL RESIDENCE SITE	LINCOLN PARK	N	
	PLATING EQUIPMENT USED INC	DETROIT	N	
	TAYLOR SITE	DETROIT	N	
	WALLED LAKE MERCURY SITE	WALLED LAKE	N	X
	WILSON DRAIN	WESTLAND	N	X
OH	GLAZE PLATING	ELYRIA	N	
	K & S CIRCUITS(CLAYTON)	CLAYTON	N	
	LANCASTER TIRE FIRE SITE	LANCASTER	N	X

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION V FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
WI	ROCK PAINT & CHEM CO	MILTON	N	

USCG SITES

TOTALS FOR REGION V:	
Number of Removal Completions	23
NPL Sites	0
Classic Emergency Sites.....	6
Total Cost for FY 90 (excluding USCG sites)	$7,871,889

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: MORRIS PAINTS AND VARNISH* CATEGORY: INACTIVE PRODUCTION FACILITY CITY: EAST ST. LOUIS STATE: IL NPL: N COST: $455,000.00 EVENT: RV1 START: 03/16/90 COMPL: 06/06/90	This site was a former paint manufacturing facility. The site covered two to three acres in an industrial/residential area. During a site inspection more than 2,000 drums were found in poor condition and areas of spillage, dumping and open burning were observed. A fire at the facility's warehouse, allegedly set by vandals, caused concern about the possibility of a similar occurrence at the manufacturing building. A site assessment confirmed the presence of low flashpoint materials.	Toluene Methyl Ethyl Ketone Naphtha:stoddard Solvent	Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Recycling Excavation Overpacking Containers
NAME: MT RICHARDS OIL CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CROSSVILLE STATE: IL NPL: N COST: $1,407,266.00 EVENT: RV1 START: 07/25/89 COMPL: 04/04/90	This site was an abandoned oil refinery covering four acres in an agricultural, residential and light industrial area. The refinery had 39 oil tanks that were leaking PCB-contaminated oil into an adjacent waterway.	Polychlorinated Biphenyls	Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Excavation
NAME: PAXTON AVENUE LAGOONS CATEGORY: MIDNIGHT DUMP CITY: CHICAGO STATE: IL NPL: N COST: $250,000.00 EVENT: RV1 START: 09/11/89 COMPL: 01/26/90	This site was a skimmer lagoon that had been an illegal dumping site since the 1950s. It was located in a predominantly industrial area and was approximately 1,000 feet by 500 feet in area.	Ethylenediamine	Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Neutralize Materials Overpacking Containers Solidify Materials

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: QUINCY DRUMS CATEGORY: OTHER CITY: QUINCY STATE: IL NPL: N COST: $242,973.00 EVENT: RV1 START: 10/02/89 COMPL: 11/02/89	The Quincy Drums were found 100-200 feet offshore at a depth of about 40 feet. A commercial diver encountered the drums and was subsequently burned by chemicals. A sonar survey of the area identified 12 suspected drum areas.	Solvents	Direct Contact: Ingestion Direct Contact: Dermal Drinking Water Contamination Ecological Damage Ground Water Contamination	Overpacking Containers
NAME: BAKER PROP CATEGORY: OTHER CITY: MUNICE STATE: IN NPL: N COST: $125,000.00 EVENT: RV1 START: 11/20/89 COMPL: 02/13/90	This site was located in a predominantly residential/agricultural area. The owner of the property acquired oily rock wool insulation from his former employer which he used to insulate the garage, a chicken coop, and around an underground pipe. The insulation turned out to be PCB contaminated.	Polychlorinated Biphenyls	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination	Bulk Wastes Excavation
NAME: C & M PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ROANOKE STATE: IN NPL: N COST: $1,450,000.00 EVENT: RV2 START: 10/21/88 COMPL: 05/17/90	This site was an inactive metal plating facility located in a residential area adjacent to downtown business and shopping area. The site consisted of three buildings, one of which was used to store drummed hazardous wastes. A site assessment revealed that the roof was leaking and drums of cyanide were corroded and leaking. Two 6,000 gallon tanks of cyanide and over 100 bottles of lab chemicals were found.	Caustic Soda Solution Cyanides Chromium Copper Zinc Hydrogen Chloride Nitric Acid	Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Migration Control Overpacking Containers Collect/ Retain Contaminants Neutralize Materials Excavation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ENGINUITY, INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALBANY STATE: IN NPL: N COST: $490,400.00 EVENT: RV1 START: 06/19/89 COMPL: 06/11/90	This site was an inactive metal plating facility centrally located in a residential area. A site assessment documented the presence of hazardous wastes including cyanide, lacquer wastes, acids, and heavy metals. There was a leaking acid tank on the site and as a result 40 residences were excavated while the acids were contained.	Cyanides Chromium Zinc Hydrogen Chloride Nitric Acid	Direct Contact: Dermal Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Neutralize Materials Overpacking Containers Blending
NAME: INGRAM RICHARDSON CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FRANKFORT STATE: IN NPL: N COST: $130,500.00 EVENT: RV1 START: 05/23/90 COMPL: 07/06/90	This former ceramic manufacturing plant was located in an industrial/residential area. A large transformer stored outside on an asphalt lot was vandalized and leaked ten gallons of PCB contaminated oil. Before the spill was discovered, trucks tracked the oil over 200-300 square feet of the lot.	Aroclor 1260 (pcb)	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific	Excavation Migration Control
NAME: TRIPLE J MOTORS SITE CATEGORY: OTHER CITY: GARY STATE: IN NPL: N COST: $18,400.00 EVENT: RV1 START: 09/14/89 COMPL: 12/06/89	This site was an auto repair shop surrounded by residences and a school. One hundred and nine abandoned, leaking, dented and deteriorating five-gallon cans of paint and paint supplies were found. The containers were found to have a low flashpoint and there was evidence of soil contamination.	Lead Solvents	Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Excavation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: TUSSEY TRAILER SITE* CATEGORY: OTHER CITY: WATERLOO STATE: IN NPL: N COST: $5,000.00 EVENT: RV1 START: 07/12/90 COMPL: 09/25/90	This site was a trailer which contained jars of potentially explosive materials. These jars were a mixture of household chemicals including chlorine and methanol. One of the jars had previously exploded and caused a small fire in the trailer.	Chlorine Gas	Direct Contact: Inhalation Fire/ Explosion Hazard	Bulk Wastes Neutralize Materials
NAME: BROOKS FOUNDRY CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ALBION STATE: MI NPL: N COST: $875,000.00 EVENT: RV1 START: 04/27/89 COMPL: 02/08/90	This company primarily manufactured counterweights for heavy construction equipment from 1942 through 1989. Characteristic wastes were being generated and improperly managed by the facility and the soil was found to contain PCB contamination. The presence of hundreds of drums of hazardous wastes and a significant gas leak were discovered. The presence of ignitable and corrosive characteristic wastes was confirmed.	Asbestos Polychlorinated Biphenyls Lead Mercury Cadmium Chromium Cobalt Hydrogen Chloride Nitric Acid	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Materials Bulk Wastes Collect/ Retain Contaminants Neutralize Materials Overpacking Containers Solidify Materials Recycling Blending
NAME: FOREST HUMBOLDT DUMPING* CATEGORY: MIDNIGHT DUMP CITY: DETROIT STATE: MI NPL: N COST: $50,000.00 EVENT: RV1 START: 05/18/90 COMPL: 06/01/90	An anonymous note was received stating that drums of hazardous materials had been deposited in a vacant lot in a residential and light industrial area. The drums were marked "corrosive" and liquid material had pooled on the ground around them.	Bases	Direct Contact: Ingestion Direct Contact: Dermal Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Bulk Materials Collect/ Retain Contaminants Excavation Migration Control Pump, Drain Surface

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HAWKENS FURNISHINGS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: UNION CITY STATE: MI NPL: N COST: $566,950.00 EVENT: RV2 START: 11/28/88 COMPL: 12/07/89	This site housed a furniture outlet on the first floor and an abandoned plating facility in the basement. The Schafer Manufacturing Company operated a plating facility at the site from 1939 until 1973. During operation, the majority of the plating wastes were discharged into an open septic system which overflowed into a river. The site also contained open drums and vats of wastes. Further investigation of this site revealed a second waste pit near the river bank.	Polychlorinated Biphenyls Cyanides Lead Mercury Nickel Powder Cadmium Chromium Copper Zinc	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Migration Control Blending
NAME: MAINTENANCE MACHINE PRODUCTS, INC CATEGORY: OTHER CITY: MAYVILLE STATE: MI NPL: N COST: $72,450.00 EVENT: RV1 START: 02/15/90 COMPL: 07/16/90	This site was an abandoned machine shop containing 26 drums. There were apparent solvent odors, two leaking drums, and a badly leaking roof. The facility was unsecured and there was evidence of extensive vandalism. The site was surrounded by residences and streams.	Toluene Acetone Trichloroethane Chromium	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Blending

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: NAGEL RESIDENCE SITE CATEGORY: OTHER CITY: LINCOLN PARK STATE: MI NPL: N COST: $228,000.00 EVENT: RV1 START: 09/21/89 COMPL: 11/14/89	This site was a three-bedroom home located in a residential neighborhood. Four individuals were hospitalized due to respiratory problems allegedly the result of a smelting operation conducted in the basement. A resident of the home acquired off-spec amalgam from his place of employment and was smelting the metal to recover any silver that may have been present. There were highly elevated levels of mercury inside the house but no elevated levels were recorded outside the house.	Mercury	Direct Contact: Inhalation Fire/ Explosion Hazard	Bulk Wastes Collect/ Retain Contaminants
NAME: PLATING EQUIPMENT USED INC CATEGORY: INACTIVE PRODUCTION FACILITY CITY: DETROIT STATE: MI NPL: N COST: $25,000.00 EVENT: RV2 START: 05/08/90 COMPL: 05/29/90	This site is a former reconditioning and recycling facility for electroplating equipment and related chemicals located in a densely populated urban area. It was discovered that someone was illegally storing and generating hazardous wastes on site. This site also contained open vats filled with strong acids, bases, flammable and cyanide-bearing materials.	Cyanide Heavy Metals	Other Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Recycling Bulk Wastes Neutralization
NAME: TAYLOR SITE CATEGORY: OTHER CITY: DETROIT STATE: MI NPL: N COST: $53,000.00 EVENT: RV1 START: 12/06/89 COMPL: 12/12/89	The resident of this site noticed evidence of an unknown substance in an isolated area of her backyard. The affected area was sampled and mercury contaminated soil was identified. The youngest child exhibited some medical problems which may be attributed to the mercury contamination.	Mercury	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Soil Contamination	Excavation

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SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: WALLED LAKE MERCURY SITE* CATEGORY: OTHER CITY: WALLED LAKE STATE: MI NPL: N COST: $50,000.00 EVENT: RV1 START: 04/23/90 COMPL: 05/07/90	The Walled Lake Mercury Site consisted of a parking lot, grassy beach area, and a small lake behind an apartment building. A resident acquired mercury to use as weights in his remote control cars. His son took an undetermined amount of mercury and played with it in the aforementioned areas.	Mercury	Air Contamination Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Excavation
NAME: WILSON DRAIN* CATEGORY: MIDNIGHT DUMP CITY: WESTLAND STATE: MI NPL: N COST: $75,000.00 EVENT: RV1 START: 07/12/89 COMPL: 10/01/89	The Wilson Drain site was a storm sewer channel running into a river. A spill of an unknown petroleum-based solvent of unknown origin occurred in the Wilson Drain.	Xylene,p- Xylene,m- Methyl Ethyl Ketone Xylene,o-	Direct Contact: Inhalation Ecological Damage Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Migration Control Pump, Drain Surface Recycling Blending
NAME: GLAZE PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: ELYRIA STATE: OH NPL: N COST: $261,000.00 EVENT: RV1 START: 03/07/89 COMPL: 02/07/90	This was an abandoned zinc plating facility located in a highly populated residential, industrial, and commercial area of the city. The facility was abandoned in 1985 after a fire. A second fire in 1988 destroyed the building, leaving no roof and open vats of wastes. An assessment showed liquids with PH from 1 to 13 and elevated levels of chromium and zinc.	Cyanides Lead Cadmium Chromium Copper Zinc	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Ecological Damage Soil Contamination Surface Water Contamination	Bulk Wastes Collect/ Retain Contaminants Excavation Neutralize Materials

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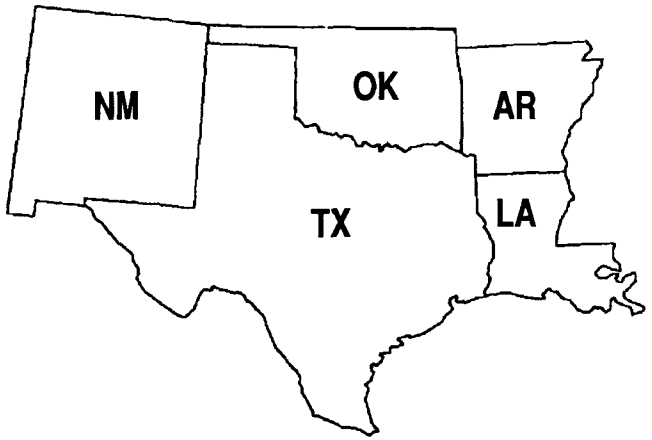
SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: K & S CIRCUITS(CLAYTON) CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CLAYTON STATE: OH NPL: N COST: $650,000.00 EVENT: RV1 START: 06/01/89 COMPL: 02/15/90	This site was an abandoned circuit board plating facility. It contained three buildings used to store a variety of chemicals, an area where plating sludge had been pumped onto a field, and an underground tank full of plating sludge.	Cyanides Acid Copper Lead Nickel Cadmium	Direct Contact: Dermal Direct Contact: Inhalation Soil Contamination Fire/ Explosion Hazard	Bulk Wastes Neutralization Excavation Overpacking Containers
NAME: LANCASTER TIRE FIRE SITE* CATEGORY: OTHER CITY: LANCASTER STATE: OH NPL: N COST: $10,000.00 EVENT: RV1 START: 05/14/90 COMPL: 05/16/90	This site was a former tire shredding and recapping facility. The site contained stockpiled tires. A fire broke out at the site and residents from 30 to 40 homes were evacuated.	Oil From Tires	Air Contamination Direct Contact: Inhalation Drinking Water Contamination Fire/ Explosion Hazard Soil Contamination Surface Water Contamination	Migration Control
NAME: ROCK PAINT & CHEM CO CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MILTON STATE: WI NPL: N COST: $380,950.00 EVENT: RV1 START: 07/17/89 COMPL: 04/10/90	Rock Paint & Chem Co. formerly blended paints for use on machinery. While in operation, the company dumped paint solvents into an open pit on site. Two hundred drums of paint, paint waste, and a lab full of chemicals, and drums scattered around the site were found during a site assessment.	Xylene, O- Ethylbenzene Xylene,p- Xylene,m- Toluene Methyl Ethyl Ketone Trichloroethylene	Direct Contact: Ingestion Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Overpacking Containers Blending

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION VI



For Information Contact:

Chief, Emergency Response Branch, Environmental Services Division
1445 Ross Avenue
Dallas, TX 75202
(214) 655-2270

REGION VI FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
LA	GULF COAST VACUUM SERVICES	ABBEVILLE	F	
	LOUISIANA VACUUM SERVICE	PORT ALLEN	N	
	MAIN PRO DRUM SITE	LAFAYETTE	N	
NM	CARNVE-DEADMAN'S CURVE	CARNVE	N	
	PAGANO SALVAGE	LOS LUNAS	F	
	SHIPROCK DRUM SITE	SHIPROCK	N	
OK	COYLE DRUMS	COYLE	N	
TX	BULL OIL CHEMICAL TRANSPORTER, INC.	SPRING	N	
	EL PASO DRUM SITE	EL PASO	N	
	FRAZIER RESIDENCE	CROSBY	N	
	GRANT ROAD DRUM SITE	HOUSTON	N	
	HARDY R0AD DRUM SITE	SPRING	N	
	HARRY HINES DRUM WAREHOUSE	DALLAS	N	
	HIGH-TECH PLATING	BALCH SPRINGS	N	
	HWM, INC.	SOUTHLAKE	N	
	PESSES CHEMICAL CO.	FORT WORTH	F	
	SMITH COMPANY OF UVALDE	BATESVILLE	N	
	TEX-TIN CORP.	TEXAS CITY	F	
	WAYNE FEEDS	PECOS	N	

USCG SITES

TX	BOLIVAR PENINSULA I	PORT BOLIVAR	N	
	HOUSTON SHIP CHANNEL	HOUSTON	O	
	NINTH STREET DRUMS	GALVESTON	N	
	PORT ARTHUR DRUM	PORT AUTHOR	O	
	PORT BOLIVAR II	PORT BOLIVAR	N	
	SABINE PASS DRUM	SABINE PASS	N	
	SAN LUIS BEACH	GALVESTON	N	

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

REGION VI FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
TX	SEAWALL, TX	GALVESTON	N	
	TERRAMAR BEACH	GALVESTON	N	

TOTALS FOR REGION VI:	
Number of Removal Completions	28
NPL Sites	4
Classic Emergency Sites.....	0
Total Cost for FY 90 (excluding USCG sites)	$8,037,000

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: GULF COAST VACUUM SERVICES CATEGORY: INACTIVE WASTE MGMT FAC CITY: ABBEVILLE STATE: LA NPL: Y COST: $145,000.00 EVENT: RV1 START: 03/21/90 COMPL: 05/25/90	This site was an active pit used for disposal of oil, mud, drilling fluid, and waste salt water generated by truck washing. This site is currently inactive. The west pit was overflowing its Levee. Due to holes in the fence, there was unrestricted access to the site.	Volatile Compounds Lead Chromium Cadmium Arsenic Mercury Organic Compounds	Surface Water Contamination	Fence Signs Pump And Treatment
NAME: LOUISIANA VACUUM SERVICE CATEGORY: INACTIVE WASTE MGMT FAC CITY: PORT ALLEN STATE: LA NPL: N COST: $345,000.00 EVENT: RV1 START: 10/02/89 COMPL: 02/14/90	This site was an abandoned drilling fluid mixing facility. Bulging, corroding and leaking drums were found onsite.	Aluminium Chromium Heavy Metals Aromatic Hydrocarbons	Fire/ Explosion Hazard Soil Contamination	Overpacking Containers Stage Containers On Site
NAME: MAIN PRO DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LAFAYETTE STATE: LA NPL: N COST: $75,000.00 EVENT: RV1 START: 03/12/90 COMPL: 06/27/90	This abandoned facility was a distribution site for petroleum products. The drums found on this site contained oil field drilling materials and had deteriorated and were leaking.	Volatiles	Surface Water Contamination Soil Contamination Fire/ Explosion Hazard Direct Contact: Inhalation Direct Contact: Dermal	Overpacking Containers Excavation Backfill
NAME: CARNVE-DEADMAN'S CURVE CATEGORY: INACTIVE WASTE MGMT FAC CITY: CARNVE STATE: NM NPL: N COST: $100,000.00 EVENT: RV1 START: 05/03/89 COMPL: 05/02/90	This site was previously a landfill, and operated from 1983-1985. There is a possibility of ground water contamination. No record of wastes was kept during the landfill operation.	Nitromatic Hydrocarbons Gasoline (leaded) Organic Solvents Nitrocellulose	Drinking Water Contamination Ground Water Contamination Soil Contamination	Filtration

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: PAGANO SALVAGE CATEGORY: OTHER CITY: LOS LUNAS STATE: NM NPL: Y COST: $1,950,000.00 EVENT: RV1 START: 06/21/89 COMPL: 06/18/90	This site was an active salvage yard specializing in "high-tech" salvage materials. Several of the transformers and capacitors had leaked.	Polychlorinated Biphenyls	Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation Off Site Disposal
NAME: SHIPROCK DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SHIPROCK STATE: NM NPL: N COST: $90,000.00 EVENT: RV1 START: 08/28/89 COMPL: 04/06/90	This site was an operation and maintenance facility. 38 drums were found, some of them containing pesticides. The drums had deteriorated and were leaking.	Pesticides	Fire/ Explosion Hazard Direct Contact: Inhalation	Solidification/ Stabilization Overpacking Containers Excavation Incineration/ Thermal Destruction Off Site Disposal
NAME: COYLE DRUMS CATEGORY: OTHER CITY: COYLE STATE: OK NPL: N COST: $550,000.00 EVENT: RV1 START: 04/09/90 COMPL: 07/26/90	This site was a rural pasture area containing approximately 50 buried drums.	Pesticides	Drinking Water Contamination Direct Contact: Dermal Direct Contact: Inhalation Direct Contact: Ingestion Soil Contamination	Excavation Off Site Disposal
NAME: BULL OIL CHEMICAL TRANSPORTER, IN CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SPRING STATE: TX NPL: N COST: $1,500,000.00 EVENT: RV1 START: 07/12/89 COMPL: 03/09/90	This site was a closed chemical storage and packaging facility.	Organic Chemicals	Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Fence Bulk Materials Neutralize Materials Overpacking Containers Solidification/ Stabilization Excavation Stage Containers On Site Stage Containers Off Site

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: EL PASO DRUM SITE CATEGORY: INACTIVE WASTE MGMT FAC CITY: EL PASO STATE: TX NPL: N COST: $565,000.00 EVENT: RV1 START: 10/23/89 COMPL: 03/23/90	There was improper handling and storage of PCB contaminated liquids at the El Paso Drum Site.	Polychlorinated Biphenyls	Direct Contact: Non-Specific Soil Contamination	Excavation Incineration/ Thermal Destruction Off Site Disposal Landfill
NAME: FRAZIER RESIDENCE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: CROSBY STATE: TX NPL: N COST: $62,000.00 EVENT: RV1 START: 03/19/90 COMPL: 06/26/90	24 drums of hazardous materials were left at this private residence.	Poison B Corrosives Flammables	Direct Contact: Non-Specific	Off Site Disposal Overpacking Containers
NAME: GRANT ROAD DRUM SITE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: HOUSTON STATE: TX NPL: N COST: $100,000.00 EVENT: RV2 START: 11/27/89 COMPL: 06/19/90	The Grant Road Drum Site was an abandoned field containing approximately 50 drums.	Lead Chromium Xylene Toluene Ethylbenzene Trichloroethene	Direct Contact: Non-Specific	Stage Containers On Site Off Site Disposal Overpacking Containers
NAME: HARDY ROAD DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: SPRING STATE: TX NPL: N COST: $50,000.00 EVENT: RV1 START: 05/22/89 COMPL: 05/21/90	This site was a midnight dump. Drums made of fiberboard had decomposed and were threatening to rupture inner plastic liners.	Zinc Nitrate Diphenylamine 3,4-Dichlorophenyl Isocyanate	Direct Contact: Inhalation Direct Contact: Ingestion Fire/ Explosion Hazard	Landfill Off Site Disposal Overpacking Containers

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SUPERFUND EMERGENCY RESPONSE ACTIONS

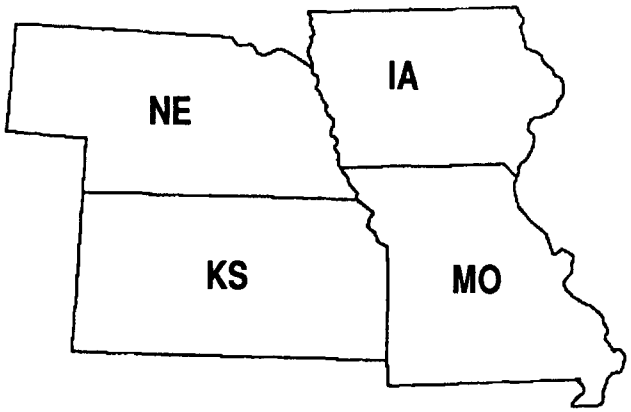
SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: HARRY HINES DRUM WAREHOUSE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: DALLAS STATE: TX NPL: N COST: $700,000.00 EVENT: RV1 START: 08/01/89 COMPL: 05/15/90	This site was an active warehouse facility containing improperly stored drums of various hazardous materials.	Pesticides Herbicides Acids Corrosives	Direct Contact: Non-Specific Soil Contamination	Backfill Excavation Off Site Disposal Overpacking Containers Solidification/ Stabilization
NAME: HIGH-TECH PLATING CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BALCH SPRINGS STATE: TX NPL: N COST: $284,000.00 EVENT: RV1 START: 03/03/90 COMPL: 06/14/90	This abandoned electoplating facility contained 54 vats of acidic and caustic waste with cyanide.	Cyanide Waste Acidic Waste Caustic Sludge	Direct Contact: Inhalation	Off Site Disposal
NAME: HWM, INC. CATEGORY: INACTIVE WASTE MGMT FAC CITY: SOUTHLAKE STATE: TX NPL: N COST: $120,000.00 EVENT: RV1 START: 03/27/90 COMPL: 08/19/90	This site is a hazardous waste management facility. The company is known for its improper storage practices in three different locations in and around Southlake.	MIBK Toluene Xylene Ethanol Propanol Acetone TCE Chromium	Soil Contamination Surface Water Contamination	Off Site Disposal Overpacking Containers Solidification/ Stabilization Incineration/ Thermal Destruction
NAME: PESSES CHEMICAL CO. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: FORT WORTH STATE: TX NPL: Y COST: $10,000.00 EVENT: RV2 START: 07/09/90 COMPL: 07/12/90	The Pesses Chemical Co. was an abandoned recycling facility which accepted nickel cadmium sludge, copper cadmium sludge, off-spec batteries, and spent batteries.	Lead	Direct Contact: Non-Specific	Fence Signs

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SMITH COMPANY OF UVALDE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BATESVILLE STATE: TX NPL: N COST: $1,326,000.00 EVENT: RV1 START: 05/02/89 COMPL: 01/12/90	This facility formulated pesticide/herbicide products during a 30-35 year period. Their products were used in aerial applications. As a result of spills, leaks, poor operating practices, and improper disposal of wastes the site was contaminated.	Pesticides/herbicides	Direct Contact: Non-Specific Soil Contamination	Landfill Excavation
NAME: TEX-TIN CORP. CATEGORY: ACTIVE PRODUCTION FACILITY CITY: TEXAS CITY STATE: TX NPL: Y COST: $50,000.00 EVENT: RV1 START: 09/29/89 COMPL: 10/06/89	This site consisted of 128 acres, which was originally started as a tin smelter by the U.S. Government during World War II. It began as a Fund lead removal but has subsequently been taken over by the responsible party.	Heavy Metals	Direct Contact: Non-Specific	Fence
NAME: WAYNE FEEDS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: PECOS STATE: TX NPL: N COST: $15,000.00 EVENT: RV1 START: 07/30/90 COMPL: 08/02/90	This site was an inactive pesticide formulation business.	Pesticides	Direct Contact: Non-Specific	Fence Signs

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION VII



For Information Contact:

Chief, Emergency Planning and Response Branch, Environmental Services Division
25 Funston Road
Kansas City, KS 66115
(913) 551-5000

REGION VII FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
KS	CHEMICAL COMMODITIES INC-OLATHE +	OLATHE	N	
	GARLAND PARK DRUMS	KANSAS CITY	N	
	TROUP/THOMPSON DRUM SITE	KANSAS CITY	N	
MO	BARTON STREET DRUM	ST LOUIS	N	
	BRANCH STREET DRUM SITE	ST LOUIS	N	
	EGGEMAN DRUM SITE	POTOSI	N	
	ELLISVILLE AREA SITE	BALLWIN	F	
	GARFIELD STREET DRUMS	ST LOUIS	N	
	HARLEM DRUM	KANSAS CITY	N	
	KRAMER SITE	ELVINS	N	X
	MULBERRY HILL ROAD DUMP	BARNHART	N	
	SCHOOL STREET DRUM SITE	ST LOUIS	N	
	SOUTH CITY INCINERATOR	ST LOUIS	N	
	STRINGBERG DRUM	HARRISONVILLE	N	
NE	OMAHA CAR WASH	OMAHA	N	
	SUNOL LYE SPILL	SUNOL	N	

USCG SITES

TOTALS FOR REGION VII:	
Number of Removal Completions	16
NPL Sites	1
Classic Emergency Sites.....	1
Total Cost for FY 90 (excluding USCG sites)	$1,379,677

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CHEMICAL COMMODITIES INC-OLATHE+ CATEGORY: ACTIVE PRODUCTION FACILITY CITY: OLATHE STATE: KS NPL: N COST: $870,000.00 EVENT: RV1 START: 06/12/89 COMPL: 04/04/90	This facility had been in generation, transportation, recycling, repackaging, and storage of various chemicals since the early 1950s. The chemicals were stored on the grounds in six buildings, two storage trailers, and boxes. There were thousands of chemical containers containing industrial type chemicals and old lab chemicals. Chlorinated solvents were stored in above ground tanks and had contaminated the soil. Facility was a major threat to the public because of the storage conditions.	1,2-Dichloroethane Dichlorobenzene (mixed) Carbon Tetrachloride Acetone Methyl Ethyl Ketone Trichloroethylene	Direct Contact: Non-Specific Fire/ Explosion Hazard Soil Contamination Ground Water Contamination	Containment Overpacking Containers Stage Containers On Site Solidification/ Stabilization
NAME: GARLAND PARK DRUMS CATEGORY: MIDNIGHT DUMP CITY: KANSAS CITY STATE: KS NPL: N COST: $545.00 EVENT: RV1 START: 11/27/89 COMPL: 01/23/90	Forty-five one-to five-gallon containers were midnight dumped in a city park. The containers were found to contain flammable and hazardous substances. There existed the threats of direct contact, soil and air contamination, and fire and/or explosion.	Ethylbenzene Toluene Aluminum (fume Or Dust) Barium And Compounds Methyl Chloride	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination	Bulk Wastes Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Incineration/ Thermal Destruction
NAME: TROUP/THOMPSON DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: KANSAS CITY STATE: KS NPL: N COST: $545.00 EVENT: RV1 START: 11/27/89 COMPL: 07/11/90	Four drums were abandoned at the intersection of Troup and Thompson streets. Three of the drums contained flammables composed of volatile organics. There were threats of fire and/or explosion and direct contact to the public.	Ethylbenzene Toluene Cyclohexane Benzene Tetrachloroethane	Air Contamination Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination	Collect/ Retain Contaminants Overpacking Containers Stage Containers Off Site Incineration/ Thermal Destruction

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: BARTON STREET DRUM CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: $545.00 EVENT: RV1 START: 06/12/90 COMPL: 08/14/90	An abandoned drum was found in an industrial area and within 50 feet of the Mississippi River. The drum was labelled as "Cork Mastic". The drum presented a threat based on ignitability and the possibility of a release to the river.	Ethylbenzene Methyl Isobutyl Ketone Bis(2-Ethylhexl)phthalate Tetrachloroethylene Xylenol Benzo(ghi)perylene Benzene	Fire/ Explosion Hazard Surface Water Contamination	Stage Containers On Site Incineration/ Thermal Destruction Off-Site
NAME: BRANCH STREET DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: $15,870.00 EVENT: RV1 START: 04/05/89 COMPL: 10/18/89	Six partially filled drums were dumped and abandoned on city property. The drummed material was unsecured in an industrial area adjacent to commercial and residential property. The drums were rusty and dented with a release of material from one drum. The drums were unlabelled.	Ethylbenzene Tetrachloroethylene Methyl Ethyl Ketone	Direct Contact: Ingestion Direct Contact: Dermal Ground Water Contamination	Overpacking Containers
NAME: EGGEMAN DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: POTOSI STATE: MO NPL: N COST: $108,000.00 EVENT: RV2 START: 09/12/89 COMPL: 01/30/90	This site was an abandoned drum site and non-permitted disposal site. The owner used it as a salvage/storage area and the site contained junked cars, scrap metal, drums, and paint cans. Though this site was in a rural, sparsely populated area, approximately 935 people lived within three miles of the site. Local drinking water was obtained from a shallow aquifer threatened by the site.	Anthracene Pyrene Benzo(a)pyrene 1,2-Dichloroethylene Trichloroethylene	Direct Contact: Ingestion Drinking Water Contamination Ground Water Contamination Fire/ Explosion Hazard Air Contamination	Off Site Disposal Overpacking Containers

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: ELLISVILLE AREA SITE CATEGORY: MIDNIGHT DUMP CITY: BALLWIN STATE: MO NPL: Y COST: $93,718.00 EVENT: RV1 START: 06/07/90 COMPL: 07/31/90	This site was used to dispose of drummed liquid and solid wastes and contained an estimated 1,000 deteriorated drums. The site was situated on a gully that drained directly into the headwaters of a tributary of the Missouri River. A visible discharge of leachate was flowing into the creek from the buried and partially buried drums. There was evidence that the underlying ground water was being contaminated by the downward flow of leachate from the site.	Ethylbenzene Toluene 2,3,7,8-Tetrachloro Dibenzo-P-Dioxin(tcdd)	Direct Contact: Non-Specific Soil Contamination Surface Water Contamination	Installed Fence Off Site Disposal
NAME: GARFIELD STREET DRUMS CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: $7,800.00 EVENT: RV1 START: 06/12/90 COMPL: 08/14/90	Four 55-gallon drums of flammable liquid were abandoned in a residential area. The drums were deemed as hazardous based on ignitability.	Ethylbenzene Methyl Isobutyl Ketone Toluene Xylenol Methyl Ethyl Ketone	Fire/ Explosion Hazard	Incineration/ Thermal Destruction
NAME: HARLEM DRUM CATEGORY: MIDNIGHT DUMP CITY: KANSAS CITY STATE: MO NPL: N COST: $115,320.00 EVENT: RV1 START: 09/29/89 COMPL: 03/01/90	Approximately 97 abandoned drums and containers were discovered at an intersection within 150 feet of a residential area. The materials in the drums and containers included corrosives and ignitibles. The drums were not secured and accessible to residents and vandals. Damage was possible to anyone in direct contact with the compounds. There also was the danger of air release.	Tetrahydrofuran	Direct Contact: Non-Specific Ecological Damage Fire/ Explosion Hazard Soil Contamination	Excavation Overpacking Containers Stage Containers On Site

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: KRAMER SITE* CATEGORY: INACTIVE WASTE MGMT FAC CITY: ELVINS STATE: MO NPL: N COST: $100,000.00 EVENT: RV2 START: 06/15/90 COMPL: 06/22/90	The Kramer Site was a former unlicensed dump site used for drum disposal from 1973 to 1982. The drums were visible on the surface and additional drums were believed to be buried. There was a fire at the site which caused noxious smoke and danger of exploding drums.	Toluene Aluminum Oxide Methyl Alcohol Methyl Ethyl Ketone Iso-Propanolamine	Air Contamination Biological Threat Ground Water Contamination Soil Contamination Surface Water Contamination	Overpacking Containers
NAME: MULBERRY HILL ROAD DUMP CATEGORY: MIDNIGHT DUMP CITY: BARNHART STATE: MO NPL: N COST: $545.00 EVENT: RV2 START: 06/12/90 COMPL: 08/14/90	Eighteen drums were discovered on this site that were apparently left behind when other drums were removed. They had accidentally been covered with trash and debris. One drum contained flammable material considered hazardous. The possibility of ignitability presented a threat of fire and/or explosion to the environment.	Aluminum (fume Or Dust) Barium And Compounds Zinc	Fire/ Explosion Hazard	Stage Containers Off Site Off-Site Temporary Storage
NAME: SCHOOL STREET DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: $23,600.00 EVENT: RV1 START: 05/11/89 COMPL: 03/22/90	Nine drums were discovered in a vacant lot abandoned by an unknown party. The drums contained flammable materials and one drum contained a solid material found to be toxic for mercury. The material presented the possibility of an ingestion hazard, a direct contact hazard, and a threat to ground water.	Mercury	Direct Contact: Dermal Direct Contact: Ingestion Ground Water Contamination	Overpacking Containers Stage Containers Off Site Temporary Storage Off-Site Temporary Storage

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SOUTH CITY INCINERATOR CATEGORY: MIDNIGHT DUMP CITY: ST LOUIS STATE: MO NPL: N COST: $8,144.00 EVENT: RV1 START: 04/06/89 COMPL: 12/13/89	Four unsecured drums of hazardous waste were abandoned on city property at the South City Incinerator. The drums were in fairly good condition and there was no evidence of leakage. The potential of exposure existed due to heavy truck traffic and heavy equipment operation in this industrial area.	Styrene Toluene Benzene Creosote,coal Tar	Direct Contact: Non-Specific Surface Water Contamination	Overpacking Containers
NAME: STRINGBERG DRUM CATEGORY: MIDNIGHT DUMP CITY: HARRISONVILLE STATE: MO NPL: N COST: $545.00 EVENT: RV1 START: 04/24/90 COMPL: 08/14/90	The Stringbergs requested assistance with a leaking drum abandoned on their property. The 20-gallon drum was found to contain DDT, a suspected human carcinogen.	DDT	Direct Contact: Non-Specific Soil Contamination	Overpacking Containers
NAME: OMAHA CAR WASH CATEGORY: MIDNIGHT DUMP CITY: OMAHA STATE: NE NPL: N COST: $15,000.00 EVENT: RV1 START: 07/03/90 COMPL: 07/11/90	Six five-gallon cans of wastes were abandoned at an Omaha car wash and adjacent private residence. The cans were discovered to contain chloroform. Two of them were open upon discovery. These cans were not secured and easily accessible to the public. Additionally, they represented an extreme fire hazard.	Ethylbenzene Xylene,p- Xylene,m- Toluene Chloroform Xylene,o-	Biological Threat Fire/ Explosion Hazard	Stage Containers On Site Temporary Storage

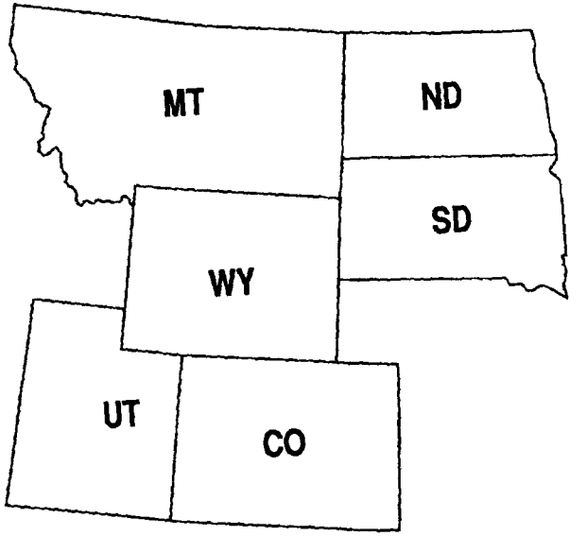
+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

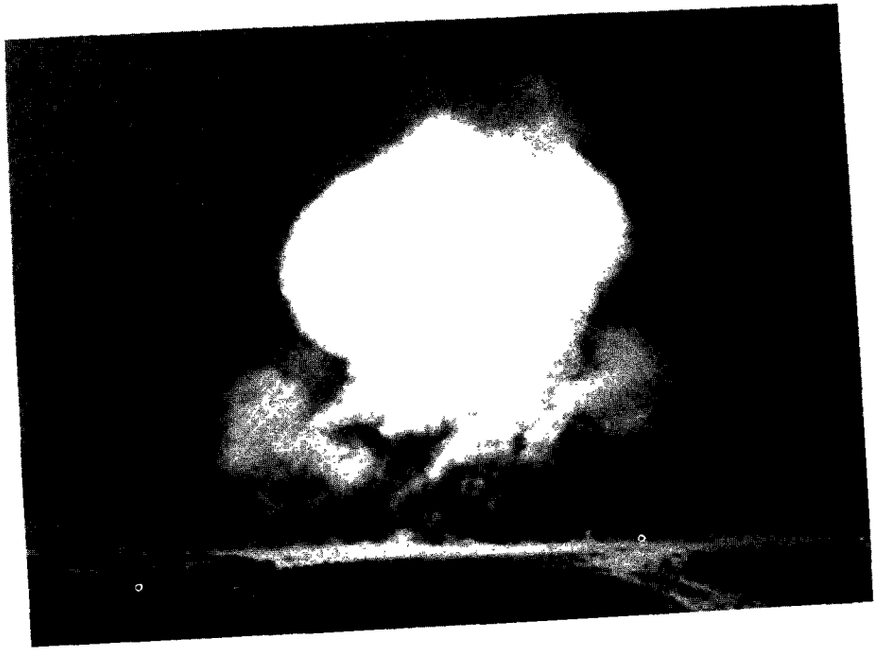
SUPERFUND EMERGENCY RESPONSE ACTIONS

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SUNOL LYE SPILL CATEGORY: MIDNIGHT DUMP CITY: SUNOL STATE: NE NPL: N COST: $19,500.00 EVENT: RV1 START: 05/08/90 COMPL: 06/21/90	Unknown quantities of caustic sodium hydroxide powder were dumped by an entrance ramp to I-80. This material represented a severe threat to the public because of its extremely alkaline nature. Contact with this material could cause extensive damage to the eyes, skin, and alimentary canal. It could also result in blindness.	Caustic Soda Solution	Direct Contact: Ingestion Direct Contact: Dermal	Containment Off Site Disposal Neutralization

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION VIII





For Information Contact:

Chief, Emergency Response
Branch, Hazardous Waste
Management Division
One Denver Place
999 18th Street, Suite 500
Denver, CO 80202-2405
(303) 293-1723

REGION VIII FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
CO	AUSTIN BLUFFS DRUMS	COLORADO SPRINGS	N	
	CHEMICAL SALES (NEW LOCATION)	DENVER	F	X
	ELIZABETH HORSE FARM	ELIZABETH	N	
	LEADVILLE DRUMS	LEADVILLE	N	
	LIMON ELEVATOR	LIMON	N	X
	ROCKY FLATS INDUSTRIAL PARK (THORO)	GOLDEN	N	X
MT	BLACKFEET PENCIL FACTORY	BROWNING	N	X
	LAME DEER DRUMS	LAME DEER	N	X
	MOUAT INDUSTRIES	COLUMBUS	F	
	ROCKY BOY POST AND POLE	BOX ELDER	N	
SD	CUNY TABLE BAIT	EAGLE BUTTE	N	X
	TWISS BUS BAIT	ROCKYFORD (NEAR)	N	
UT	BECK STREET SALVAGE	SALT LAKE CITY	N	

USCG SITES

TOTALS FOR REGION VIII:	
Number of Removal Completions	13
NPL Sites	2
Classic Emergency Sites.....	6
Total Cost for FY 90 (excluding USCG sites)	$4,188,965

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AUSTIN BLUFFS DRUMS CATEGORY: MIDNIGHT DUMP CITY: COLORADO SPRINGS STATE: CO NPL: N COST: $10,114.00 EVENT: RV1 START: 08/23/89 COMPL: 10/13/89	This site was a remote location where someone illegally dumped 16 drums of waste along a roadside. Hazcatting of materials revealed high ignitability and organic vapors. The drums were leaking an oily black liquid presumed to be paint waste and or cleaning waste. The nearest residence was 100 yards away.	Flammables Various Volatile Organics Paint/cleaning Wastes	Air Contamination Direct Contact: Inhalation Direct Contact: Non-Specific Fire/ Explosion Hazard	Bulk Wastes Overpacking Containers Stage Containers On Site Off Site Disposal
NAME: CHEMICAL SALES (NEW LOCATION)* CATEGORY: OTHER CITY: DENVER STATE: CO NPL: Y COST: $30,675.00 EVENT: RV1 START: 02/11/89 COMPL: 10/02/89	159 drums which were stored on site in an industrial area were discovered to be in leaking and deteriorating condition. The contents of the drums included decon water, decon sludges, and soil samples left from previous remedial investigation activities at Chemical Sales/Rocky Mountain Arsenal Superfund Site. The site also contained some flammables.	Flammables TCE Organics	Fire/ Explosion Hazard Ground Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Containment Temporary Storage Off Site Disposal Incineration/ Thermal Destruction
NAME: ELIZABETH HORSE FARM CATEGORY: MIDNIGHT DUMP CITY: ELIZABETH STATE: CO NPL: N COST: $476,000.00 EVENT: RV1 START: 07/09/90 COMPL: 09/10/90	The site which was being used as an equestrian recreation area was formerly used as a storage and disposal site for capacitors. A site assessment indicated the presence of PCBs and in several areas the concentration of PCBs was high.	Polychlorinated Biphenyls	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination	Excavation Overpacking Containers Stage Containers On Site Containment Off Site Disposal Monitoring Wells Installed
NAME: LEADVILLE DRUMS CATEGORY: INACTIVE PRODUCTION FACILITY CITY: LEADVILLE STATE: CO NPL: N COST: $671.00 EVENT: RV1 START: 06/13/89 COMPL: 12/19/89	A spill of free, elemental mercury occurred in the backyard of a private residence. Two drums of mercury contaminated soils were temporarily stored in a city maintenance yard. After recovery of the mercury, the remaining soil was disposed of as non-hazardous waste.	Mercury	Direct Contact: Inhalation Direct Contact: Non-Specific Soil Contamination	Bulk Materials Collect/ Retain Contaminants Stage Containers Off Site Excavation Containment Temporary Storage Gravity Separation

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LIMON ELEVATOR* CATEGORY: OTHER CITY: LIMON STATE: CO NPL: N COST: $182,409.00 EVENT: RV1 START: 06/09/90 COMPL: 09/14/90	Following a tornado, a collapsed, abandoned pesticide storage facility revealed numerous leaking containers of pesticides, three shock-sensitive, compressed gas cylinders, and 20 yards of contaminated soil.	Ethylene Dibromide 1,2-Dichloroethane Malathion Aluminum Phosphide DDT Carbon Tetrachloride Parathion,liquid Benxene Hexachloride Calcium Cyanide	Direct Contact: Ingestion Direct Contact: Inhalation Fire/ Explosion Hazard Soil Contamination Air Contamination	Bulk Materials Collect/ Retain Contaminants Neutralize Materials Overpacking Containers Pump, Drain Surface Excavation Stage Containers On Site Off Site Disposal Containment
NAME: ROCKY FLATS INDUSTRIAL PARK (THOR CATEGORY: ACTIVE PRODUCTION FACILITY CITY: GOLDEN STATE: CO NPL: N COST: $87,300.00 EVENT: RV1 START: 08/26/88 COMPL: 09/27/90	Chemical wastes were discharged into a tributary which eventually drains into a lake and reservoir. Ground water contamination was present. Shallow wells around the lake may have used surface water for domestic use and the lake was a source of water for irrigation. Fire/explosion hazard was a key concern because the site was in "no man's land" for fire protection. Local fire departments were unwilling to respond to emergencies at the site.	1,2-Dichloroethane Toluene 1,4 Dioxane Tetrachloroethylene 1,2-Dichloroethylene Chloroform Trichloroethane Arsenic Dust Vinyl Chloride	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Direct Contact: Non-Specific Drinking Water Contamination Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Collect/ Retain Contaminants Containment Equipment Installation Migration Control Monitoring Wells Installed Air Stripping
NAME: BLACKFEET PENCIL FACTORY* CATEGORY: ACTIVE PRODUCTION FACILITY CITY: BROWNING STATE: MT NPL: N COST: $99,859.00 EVENT: RV1 START: 01/20/90 COMPL: 09/17/90	Improper handling of TCE by the Blackfeet Writing Company's Pencil Factory contaminated soils adjacent to a potable water service line for Blackfeet Pencil Factory. This is a nationally significant removal site due to its location on Indian Lands.	Trichloroethylene	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Equipment Installation Excavation Containment

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: LAME DEER DRUMS* CATEGORY: MIDNIGHT DUMP CITY: LAME DEER STATE: MT NPL: N COST: $42,392.00 EVENT: RV1 START: 11/01/89 COMPL: 07/20/90	Twenty-six 55-gallon drums were discovered on an Indian reservation in deteriorating condition. 17 of the drums were leaking onto the ground. There was the threat of fire and/or explosion and contamination of a drinking water well that was only 300 feet away.	Xylene,p- Asbestos	Fire/ Explosion Hazard Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination Drinking Water Contamination	Overpacking Containers Off Site Disposal
NAME: MOUAT INDUSTRIES CATEGORY: INACTIVE PRODUCTION FACILITY CITY: COLUMBUS STATE: MT NPL: Y COST: $22,000.00 EVENT: RV1 START: 03/30/90 COMPL: 04/13/90	Chromium ore processing has led to suspected soil, ground water, and surface water contamination both on and off site. This site was located near a business and employees have easy access to contaminated portions of the site.	Chromium	Soil Contamination Surface Water Contamination Direct Contact: Ingestion Direct Contact: Inhalation Ground Water Contamination	Installed Fence
NAME: ROCKY BOY POST AND POLE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: BOX ELDER STATE: MT NPL: N COST: $2,500,000.00 EVENT: RV1 START: 09/12/88 COMPL: 08/31/90	The Post and Pole Treating facility located on the Rocky Boy Indian Reservation had been in operation for 15 years with uncontrolled spillage and disposal of waste products. This site was an abandoned 2-acre post and telephone pole treating plant. Individuals continued to enter the site to use chemical vats to treat wooden posts and to fill propane tanks. This was a nationally significant site due to the presence of dioxin and its location on Indian lands.	Dibenzofuran Benzo(j,k)fluorene 1,2-Benzphenanthrene Benzo(a)pyrene Creosote,coal Tar Creosote (wood) Pentachlorophenol Dioxin	Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation Stage Containers On Site Incineration/ Thermal Destruction On-Site

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CUNY TABLE BAIT* CATEGORY: MIDNIGHT DUMP CITY: EAGLE BUTTE STATE: SD NPL: N COST: $7,045.00 EVENT: RV1 START: 04/06/89 COMPL: 04/04/90	Approximately 45 bags of oats treated with zinc phosphide were discovered on Indian Reservation land. This hazardous material, originally used as prairie dog bait, was stored in a dilapidated shed in danger of immediate collapse. The area was used heavily for cattle grazing and the nearest residence was 150 yards away.	Zinc Phosphide	Direct Contact: Ingestion Direct Contact: Non-Specific Soil Contamination Direct Contact: Inhalation Fire/ Explosion Hazard	Bulk Materials Overpacking Containers Stage Containers On Site Containment Off Site Disposal
NAME: TWISS BUS BAIT CATEGORY: MIDNIGHT DUMP CITY: ROCKYFORD (NEAR) STATE: SD NPL: N COST: $7,000.00 EVENT: RV1 START: 04/04/90 COMPL: 04/04/90	Approximately seven tons of abandoned prairie dog bait were discovered in an old school bus and dilapidated shed. There was concern due to children residing in a nearby orphanage and the possibility of vandalism/deterioration of the bus or shed.	Zinc Phosphide	Biological Threat Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal	Bulk Wastes Collect/ Retain Contaminants Stage Containers On Site Off Site Disposal
NAME: BECK STREET SALVAGE CATEGORY: INACTIVE WASTE MGMT FAC CITY: SALT LAKE CITY STATE: UT NPL: N COST: $723,500.00 EVENT: RV1 START: 01/30/89 COMPL: 10/31/89	Beck Street Salvage site formerly operated as a military salvage yard. Approximately 200 drums and 40,000 small containers of solvents and oil substances were found in leaking, deteriorating condition. The site was fenced but not securely enough to keep out transients and trespassers. The fact that the site was located near a gas refinery increased the risk of fire/explosion.	Chromic Acid Asbestos Polychlorinated Biphenyls Cyanides Chromium Trioxide	Direct Contact: Dermal Direct Contact: Non-Specific Fire/ Explosion Hazard Ground Water Contamination Soil Contamination Surface Water Contamination	Bulk Wastes Excavation Overpacking Containers Stage Containers On Site Containment Off Site Disposal

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION IX

Also: AS
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For Information Contact:

Chief, Emergency Response Section, Field Operations Branch, Hazardous Waste Management Division
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1730

REGION IX FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
AS	AMERICAN SAMOA PESTICIDES	TAFUNA	N	
CA	BORDER AREA DRUM SITE	SAN DIEGO VICINITY	N	
	DURHAM DRUM SITE	GARDEN VALLEY	N	X
	LOMPOC PLATING SITE	LOMPOC	N	X
	NORCO BATTERY	NORCO	N	
	PRATTER DRUM SITE	BAKERSFIELD	N	
	ROSEVILLE DRUMS	PLACER CITY	N	X
	SUNLAND CHEMICAL SITE	SUNLAND	N	

USCG SITES

TOTALS FOR REGION IX:	
Number of Removal Completions	8
NPL Sites	0
Classic Emergency Sites.....	3
Total Cost for FY 90 (excluding USCG sites)	$3,406,240

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AMERICAN SAMOA PESTICIDES CATEGORY: OTHER CITY: TAFUNA STATE: AS NPL: N COST: $106,502.00 EVENT: RV1 START: 04/02/90 COMPL: 07/27/90	The American Samoa Department of Agriculture's pesticide and chemical storage building was destroyed by a hurricane. Approximately 95% of the pesticides were damaged. Many transformers also were damaged. Six of 47 transformers were found to contain PCBs.	Polychlorinated Biphenyls Dieldrin Chlorine	Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation	Bulk Wastes Neutralize Materials Overpacking Containers
NAME: BORDER AREA DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: SAN DIEGO VICINITY STATE: CA NPL: N COST: $75,000.00 EVENT: RV1 START: 07/19/90 COMPL: 07/19/90	Approximately 89 drums were found at a closed pottery kiln warehouse in Tijuana, Mexico. It was determined that the drums originated in the United States. The drums were tested on site and nine hazard groups were found to be present. The drums were transferred to the US EPA and disposed of at a regulated disposal facility.	Paint Wastes Methyl Ethyl Ketone Trichloroethane	Fire/ Explosion Hazard	Overpacking Containers Stage Containers Off Site
NAME: DURHAM DRUM SITE* CATEGORY: OTHER CITY: GARDEN VALLEY STATE: CA NPL: N COST: $310,000.00 EVENT: RV1 START: 10/24/89 COMPL: 07/20/90	There were 75 drums and 1,000 1 to 5 gallon containers of military surplus chemicals stockpiled at a private residence. The Durham Drum Site was one of the largest methamphetamine drug labs in the state.	Benzene Acetone Phosporic Acid Chromic Acid Ethyl Acetate Hydrogen Chloride Resins Lead Based Paints Flammable Liquids	Direct Contact: Dermal Direct Contact: Ingestion Soil Contamination Direct Contact: Inhalation Ecological Damage Fire/ Explosion Hazard Ground Water Contamination Surface Water Contamination	Stage Containers On Site Stage Containers Off Site Bulk Materials Bulk Wastes Neutralize Materials Overpacking Containers Excavation Temporary Storage Other Treatment Technologies
NAME: LOMPOC PLATING SITE* CATEGORY: OTHER CITY: LOMPOC STATE: CA NPL: N COST: $165,000.00 EVENT: RV1 START: 04/01/90 COMPL: 07/31/90	Approximately 75 drums and 20 tanks of hazardous chemicals were found in a dilapidated residence at the Lompoc Plating Site. There were environmental threats to ground water and potential threats to a nearby flower farm and national park, as well as local residents.	Hydrochloric Acid Solvents Cyanides	Ground Water Contamination Biological Threat	Bulk Materials Bulk Wastes

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

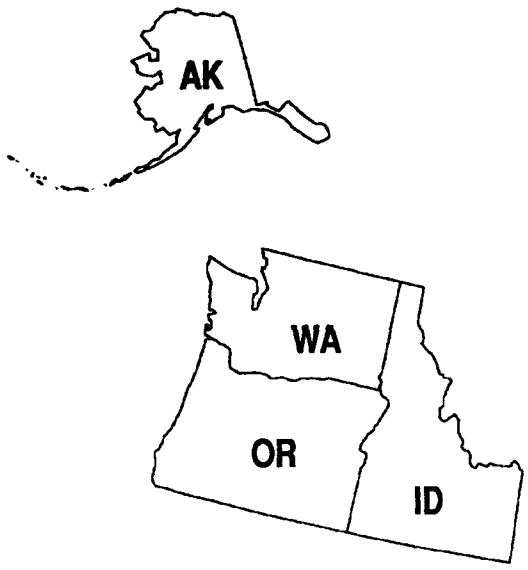
SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: NORCO BATTERY CATEGORY: OTHER CITY: NORCO STATE: CA NPL: N COST: $2,200,343.00 EVENT: RV2 START: 02/08/89 COMPL: 10/27/89	Norco Battery was a battery recycling operation which was no longer in business. A Department of Health investigation indicated hazardous lead levels on site. In addition, a site sample confirmed contamination on and off site.	Lead	Direct Contact: Dermal Direct Contact: Ingestion Direct Contact: Inhalation Soil Contamination	Excavation
NAME: PRATTER DRUM SITE CATEGORY: MIDNIGHT DUMP CITY: BAKERSFIELD STATE: CA NPL: N COST: $365,000.00 EVENT: RV3 START: 07/24/89 COMPL: 03/23/90	Approximately 270 drums of hazardous wastes were discovered at a furniture warehouse in a mixed commercial/residential area. The materials were stored on site for more than 90 days without segregation according to hazard class. Some drums were unmarked or had illegible markings. Proximity of drums to local residences warranted action.	Acetyl Chloride Anhydrous Hydrazine Ethyl Bromide Carbon Tetrachloride Formic Acid Vinyl Ethyl Ether Benzene Acetone Phosphoric Acid	Direct Contact: Ingestion Direct Contact: Inhalation Direct Contact: Dermal Fire/ Explosion Hazard	Bulk Materials Stage Containers Off Site
NAME: ROSEVILLE DRUMS* CATEGORY: MIDNIGHT DUMP CITY: PLACER CITY STATE: CA NPL: N COST: $15,000.00 EVENT: RV1 START: 03/03/88 COMPL: 08/15/90	Drums containing phenolic hazardous substances were midnight dumped on a little used, dirt road. These drums had leaked their contents onto the ground and some surface soil contamination was present.	Toluene Phenol 1-Hexane Dichloromethane	Air Contamination Direct Contact: Dermal Direct Contact: Inhalation Surface Water Contamination Soil Contamination	Overpacking Containers Stage Containers On Site Excavation Blending

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: SUNLAND CHEMICAL SITE CATEGORY: OTHER CITY: SUNLAND STATE: CA NPL: N COST: $169,395.00 EVENT: RV1 START: 05/29/90 COMPL: 06/14/90	This site is located in a residential area. There were three buildings on the property housing the resident and the chemicals. Four thousand reagents bottles were found on site containing eight hazard groups. They had been stored at the site since 1952. There existed the threat of fire, spillage, and migration of chemicals on the site to the surrounding neighborhood.	Aluminium Chromium Mercury Tin Picric Acid Nitric Acid	Air Contamination Fire/ Explosion Hazard Soil Contamination	Stage Containers Off Site Detonation Recycling

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

U.S. EPA REGION X



For Information Contact:

Chief, Superfund Response and Investigations Section,
Hazardous Waste Division
1200 Sixth Avenue
Seattle, WA 98101
(206) 442-1263

REGION X FY 1990 REMOVAL COMPLETIONS

STATE	SITE NAME	CITY	NPL STATUS	CLASSIC * EMERGENCY
ID	AGRICULTURE SUPPLY INC.	MARSING	N	
	ARRCOM CORP (DREXLER ENTERPRISE INC)	RATHDRUM	F	
WA	CLIFF'S BATTERY SERVICE	SUNNYSIDE	N	
	CROP KING/WOODS PESTICIDE FIRE	YAKIMA	N	

USCG SITES

TOTALS FOR REGION X:	
Number of Removal Completions	4
NPL Sites	1
Classic Emergency Sites.....	0
Total Cost for FY 90 (excluding USCG sites)	$2,359,000

+ A removal action was previously completed at this site.
* Classic Emergencies are defined as removal actions which require the initiation of on-site activities within hours of the lead agency's determination that a removal action is necessary.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: AGRICULTURE SUPPLY INC. CATEGORY: INACTIVE PRODUCTION FACILITY CITY: MARSING STATE: ID NPL: N COST: $95,000.00 EVENT: RV1 START: 06/11/90 COMPL: 09/13/90	This 1.25-acre site in a mixed residential commercial area which is operated as retail sales of agricultural chemicals was abandoned in 1986. The site contained two leaking sulfuric acid tanks, numerous acid/sludge pesticide containers and DDT-contaminated soil. The area has a river and is in close proximity to shallow community drinking water wells.	Sulfuric Acid DDT	Direct Contact: Inhalation Direct Contact: Dermal Drinking Water Contamination Ground Water Contamination Soil Contamination	Bulk Wastes Off Site Disposal
NAME: ARRCOM CORP (DREXLER ENTERPRISE I CATEGORY: INACTIVE PRODUCTION FACILITY CITY: RATHDRUM STATE: ID NPL: Y COST: $438,000.00 EVENT: RV3 START: 04/10/90 COMPL: 05/30/90	This site was a 1.2-acre abandoned waste oil recycling facility located above a sole source aquifer which contributes to the Spokane river. Twenty-seven partially filled storage tanks were found on site, a number of them leaking. Asbestos piping was found in the boiler room. The site was not secure as a result of vandalism.	Lead	Direct Contact: Inhalation Direct Contact: Dermal	Bulk Wastes Landfill Grade
NAME: CLIFF'S BATTERY SERVICE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: SUNNYSIDE STATE: WA NPL: N COST: $1,350,000.00 EVENT: RV1 START: 03/21/90 COMPL: 05/12/90	This two-acre site is located in a mixed commercial/residential area, and operated from 1958 to 1981 dismantling lead batteries with disposal of casings in a nearby marshy area. Lead content in the soil is as high as 35%. The casings layer is approximately 25-inches thick and buried at a depth of 60 inches.	Lead Acid	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Bulk Wastes Off Site Disposal Backfill

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SITE INFORMATION	SITE DESCRIPTION	PRIMARY CONTAMINANTS	THREATS	MITIGATIVE ACTION(S)
NAME: CROP KING/WOODS PESTICIDE FIRE CATEGORY: INACTIVE PRODUCTION FACILITY CITY: YAKIMA STATE: WA NPL: N COST: $476,000.00 EVENT: RV1 START: 12/06/89 COMPL: 04/26/90	An abandoned warehouse in an industrial area of Yakima burned. Contents included pesticides, herbicides, asbestos and unknowns. Fire was contained with water which was partially collected. Initial work was done under emergency conditions.	Asbestos Pesticides	Direct Contact: Ingestion Direct Contact: Inhalation Drinking Water Contamination Soil Contamination	Bulk Wastes Neutralize Materials Off Site Disposal

+ A removal action was previously completed at this site.
* This is a Classic Emergency removal action.

SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS FROM 01/01/80 TO 09/30/89

REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
X	ALASKA	ALASKA BATTERY ENTERPRISES	FAIRBANKS	Y	4
		ALASKA HUSKEY BATTERY INC.	ANCHORAGE	N	3
		BENDLES ROAD OILING CO.	CHUGIAK	N	1
		OHLSON MOUNTAIN PCB	HOMER	N	1
		STANDARD STEEL	ANCHORAGE	N	3
IV	ALABAMA	BAYFRONT ROAD DRUM SITE	MOBILE	N	4
		CALLAHAN DRUM	PRATTVILLE	N	1
		CHURCH OF GOD PROPERTY	MOODY	N	1
		FLOYD BRADFORD ROAD CHEMICALS	LEEDS	N	4
		FMHA-USDA/ROY SITE	PINE LEVEL	N	3
		GARNER ROAD DRUM DUMP	CORDOVA	N	3
		INGRAM PROPERTY	MORGAN COUNTY	N	2
		MCALLISTER DRUM SITE	ASHVILLE	N	1
		MCALLISTER DRUM SITE	ASHVILLE	N	1
		MOBILE RIVER	MOBILE	N	4
		MOWBRAY ENGINEERING CO.	GREENVILLE	Y	1
		MOWBRAY ENGINEERING CO.	GREENVILLE	Y	2
		NEWFOUND ROAD	BIRMINGHAM	N	1
		PETRO CHEMICAL	ATHENS	N	1
		RICHWOOD AVENUE	IRONDALE	N	4
		SOUTHERN PLATING	MOBILE	N	4
		TURKEY CREEK BARREL DUMP	BIRMINGHAM	N	2
		WELCO INC. DUMP	WOODVILLE	N	4
		WELCO INC. DUMPSITES	PAINT ROCK	N	2
VI	ARKANSAS	ALLEN TRANSFORMER	FORT SMITH	N	2
		BATESVILLE LANDFILL FIRE	BATESVILLE	N	2
		GRAMLICH RESIDENCE SITE	FORT SMITH	N	4
		GREENS PCB DRUMS	OZARK	N	2
		JACKSONVILLE CRANE SITE	JACKSONVILLE	N	4
		MOUNTAIN PINE PRESSURE TREATER	PLAINVIEW	N	3
		OLD HENLEY	NORPHLET	N	3

*** Annual Report:**

1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS FROM 01/01/80 TO 09/30/89

REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
VI	ARKANSAS	WEATHERFORD RESIDENCE	JACKSONVILLE	N	4
IX	AMERICAN SAMOA	A.S. POWER PLANT	AMERICAN SAMOA	N	1
		SATALA POWER PLANT	AMERICAN SAMOA	N	1
		TAFUNA POWER PLANT #1	AMERICAN SAMOA	N	1
		TAFUNA POWER PLANT #2	AMERICAN SAMOA	N	1
		TAPUTIMU FARM	ISLAND TUTUILA	N	1
	ARIZONA	DELA-TEK	COOLIDGE	N	2
		GILA RESERVATION DRUM DUMP	MARICOPA	N	3
		GILA RIVER INDIAN RESERVATION	MARICOPA COUNTY	N	1
		NAVAJO PESTICIDES	RED MESA	N	4
		PARKER PESTICIDES	PARKER	N	4
		STANFORD SITE #1	YUMA	N	3
		STANFORD SITE #2	YUMA	N	3
		THE CHROME SHOP	TUCSON	N	1
		TUBA CITY ACID TANK	COPPER MINE	N	1
	CALIFORNIA	ABANDONED DRUM	ANTIOCH	N	1
		ABANDONED DRUM	CARLSBAD	N	1
		ABCO METAL FINISHING	MONROVIA	N	3
		AERO QUALITY PLATING CO.	OAKLAND	N	2
		ANGELES NATIONAL FOREST	PASADENA	N	1
		AVENUE A	ROSAMOND	N	4
		BLOOMFIELD AVENUE	SANTA FE SPRINGS	N	1
		BRIDGES AND SONS TRUCKING	ROSAMOND	N	4
		BROWN'S FIELD SITE	CHULA VISTA	N	1
		BUILDERS HARDWARE FINISHING	LOS ANGELES	N	3
		CALIFORNIA BIONUCLEAR	SUN VALLEY	N	2
		CHEROKEE TRUCKING	LOS ANGELES	N	1
		COPPEROPOLIS SITE	COPPEROPOLIS	N	1
		CREATIVE DYNAMICS	SAN DIEGO	N	2
		CRYSTAL COVE BEACH	LONG BEACH	N	1

*** Annual Report:**

1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
IX	CALIFORNIA	DEL NORTE PESTICIDE	CRESCENT CITY	Y	3
		DIXCO CHEMICAL SALES	ANAHEIM	N	1
		DRAINAGE DITCH	MOUNTAIN VIEW	N	1
		E.C. KRAMER	ANAHEIM	N	2
		EL MONTE SITE	EL MONTE	N	1
		FAIRCHILD SEMICONDUCTOR/MOUNTAIN VIEW	MOUNTAIN VIEW	Y	4
		FLOATING DRUM	LOS ANGELES	N	1
		FRICKER CHEMICAL	ANAHEIM	N	1
		GARDEN VALLEY SITE	EL DORADO	N	2
		GARVEY AVENUE SITE	BALDWIN PARK	N	2
		GENERAL DISPOSAL	SANTA FE SPRINGS	N	1
		INDUSTRIAL WASTE PROCESSING	FRESNO	N	3
		IRON MOUNTAIN MINE	REDDING	Y	4
		L. FRICKER CO.	ANAHEIM	N	1
		L. FRICKER CO.	ANAHEIM	N	1
		LAGUNA BEACH II	LAGUNA BEACH	N	1
		LONG BEACH DRUM	LONG BEACH	N	1
		LORENTZ BARREL & DRUM	SAN JOSE	Y	3
		MCCOLL	FULLERTON	Y	1
		MCCOLL	FULLERTON	Y	3
		MCKINNON STREET	SAN FRANCISCO	N	3
		MURRIETA SCHOOL	MURRIETA	N	4
		MYSTERY DUMP	SACRAMENTO	N	1
		N. TULIP ST.-ESCONDIDO	ESCONDIDO	N	1
		NICKEL SOLUTION RECYCLING	LOS ANGELES	N	1
		NORWALK DRUM SITE	NORWALK	N	1
		OPERATING INDUSTRIES	MONTEREY PARK	Y	2
		PACIFIC INTERMEDIATES	SATICOY	N	4
		PARKSIDE DRIVE	MECCA	N	1
		PRATTER DRUM SITE	BAKERSFIELD	N	4
		PURITY OIL	MALAGA	Y	1
		PURITY OIL	MALAGA	Y	3
		RIGEL STREET SITE	SAN DIEGO	N	2

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IX	CALIFORNIA	RIVERSIDE PESTICIDE	RIVERSIDE	N	1
		ROIC-SUN VALLEY	SUN VALLEY	N	1
		RYAN PAINTS	OAKLAND	N	3
		SACRAMENTO RIVER	SACRAMENTO	N	1
		SOUTH BAY ASBESTOS AREA	ALVISO	Y	1
		SOUTH BAY ASBESTOS AREA	ALVISO	Y	2
		SOUTH HALF MOON BAY	SAN MATEO	N	1
		STANDARD CHEMICAL	HUNTINGTON	N	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	Y	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	Y	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	Y	1
		STRINGFELLOW ACID PITS	GLEN AVON HEIGHTS	Y	1
		TECATE SITE	TECATE	N	1
		UNKNOWN CHEMICAL DRUMS	LAGUNA BEACH	N	1
		WASTE DISPOSAL INC.	LOS ANGELES	Y	3
		WESTERN STATES REFINING	FONTANO	N	1
		WHITTIER-PROPEL	WHITTIER	N	3
		YUCAIPA DRUG LAB	YUCPA	N	1
VIII	COLORADO	BRIGHTON DRUM	BRIGHTON	N	4
		CALIFORNIA GULCH	LEADVILLE	Y	1
		CAMAX SITE	ADAMS CITY	N	2
		CAPT. JACK MILL	WARD	N	3
		CENTRAL CITY-CLEAR CREEK	IDAHO SPRINGS	Y	2
		CENTRAL CITY-CLEAR CREEK	CENTRAL CITY	Y	4
		DENVER RADIUM SITE	DENVER	Y	4
		DENVER RADIUM-B&C METALS	DENVER	Y	1
		EAGLE MINE	MINTURN/RADCLIFF	Y	1
		ENGLEWOOD DDT	ENGLEWOOD	N	3
		FARMERS IRRIGATION DITCH	BROOMFIELD	N	3
		FREJONLEY MINE	ROUTT CITY	N	1
		GENE MURREN	ERIE CITY	N	1
		GRAFF DRUMS	FT. MORGAN	N	3

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VIII	COLORADO	HEROLD SITE (BLACK HAWK)	BLACKHAWK	N	2
		HIGH QUALITY CIRCUITS	COLORADO SPRINGS	N	3
		LOVELAND FIREWORKS	LOVELAND	N	4
		MULE CREEK DRUMS	ADAMS CITY	N	3
		ORDWAY DRUM	ORDWAY	N	4
		PDC SPAS	JEFFERSON CITY	N	1
		RIVERSIDE CEMETERY	COMMERCE CITY	N	3
		ROCKY MTN CUSTOM CHROME	COLORADO SPRINGS	N	3
		S. ADAMS CO. WATER DISTRICT	DENVER	N	3
		SAND CREEK INDUSTRIAL	COMMERCE CITY	Y	4
		WOODBURY CHEMICAL CO.	COMMERCE CY	Y	1
I	CONNECTICUT	BOURDEAUDHUI	WELLINGTON	N	1
		CONNECTICUT RIVER DRUM SITE	ROCKY HILL	N	2
		HOUSATONIC RIVER DRUMS	STRATFORD	N	2
		KAPINOS SITE	WELLINGTON	N	1
		LINEMASTER SWITCH CORP.	WOODSTOCK	N	2
		O'SULLIVAN'S ISLAND	DERBY	N	1
		O'SULLIVAN'S ISLAND	DERBY	N	1
		OLD SAYBROOK FIRE	OLD SAYBROOK	N	4
		ROLIFITE CANAL ST SITE	SHELTON	N	3
		RYE STREET PESTICIDE SITE	EAST WINDSOR	N	1
III	DELAWARE	ARMY CREEK LANDFILL	NEW CASTLE COUNTY	Y	1
		ATLANTIC AVE. DRUM SITE	ELSMERE	N	3
		DELAWARE BAY DRUM	CAMDEN	N	3
		DELAWARE RIVER II	AUGUSTINE BEACH	N	2
		DELAWARE SAND & GRAVEL LANDFILL	NEW CASTLE CITY	Y	1
		DOVER AFB	DOVER	Y	1
		HARVEY & KNOTT DRUM, INC.	KIRKWOOD	Y	1
		INDIAN RIVER	INDIAN RIVER	N	2
		NEW CASTLE CONTAINERS	NEW CASTLE	N	1
		RAINTREE	CHRISTIANA	N	4

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III	DELAWARE	SEALAND LTD	MT PLEASANT	N	1
		TYBOUTS CORNER LANDFILL	NEW CASTLE COUNTY	Y	1
		TYBOUTS CORNER LANDFILL	NEW CASTLE COUNTY	Y	2
IV	FLORIDA	ABANDONED DRUM	FORT PIERCE	N	1
		ABANDONED DRUM/HILLSBOROUGH	TAMPA	N	1
		ABANDONED DRUM/HILLSBOROUGH	TAMPA	N	1
		ABANDONED DRUM/MARATHON	MARATHON KEY	N	1
		AMERICAN CREOSOTE/PENSACOLA	PENSACOLA	Y	1
		AMERICAN CREOSOTE/PENSACOLA	PENSACOLA	Y	1
		AMERICAN CREOSOTE/PENSACOLA	PENSACOLA	Y	1
		AMERICAN CREOSOTE/PENSACOLA	PENSACOLA	Y	1
		AMERICAN CREOSOTE/PENSACOLA	PENSACOLA	Y	1
		BEACHED DRUM	COCOA BEACH	N	1
		CITY INDUSTRIES, INC.	ORLANDO	N	1
		COLEMAN-EVANS WOOD PRESERVING CO.	JACKSONVILLE	Y	1
		CREOSOTE TANKS RELEASE	JACKSONVILLE	N	1
		EDMUND'S SALVAGE YARD	CROSS CITY	N	3
		ELLIS ROAD	JACKSONVILLE	N	4
		ELLIS ROAD	JACKSONVILLE	N	2
		GENERAL LAMINATES	JASPER CITY	N	3
		GULF BREEZE II	FORT WALTON BEACH	N	4
		GULF BREEZE NAT'L SEASHORE	PENSACOLA	N	4
		HILLSBOROUGH RIVER ABAN. DRUM	TAMPA	N	4
		HIPPS ROAD LANDFILL	DUVAL COUNTY	Y	1
		HOLLINGSWORTH SOLDERLESS SITE	FORT LAUDERDALE	Y	2
		LAKE WORTH INLET	LAKE WORTH INLET	N	1
		LUMMIS ISLAND	MIAMI	N	1
		ORI	FT WALTON BEACH	N	3
		PCB MIDNIGHT DUMP	BALDWIN	N	1
		PEMBROKE PINES	HOLLYWOOD	N	1
		PEPPER STEEL & ALLOYS, INC.	MEDLEY	Y	1
		PERSONS' PROPERTY PCB DRUMS	W PALM BEACH	N	2

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
IV	FLORIDA	PETROLEUM PRODUCTS CORP.	PEMBROKE PINES	Y	1
		PIONEER SAND CO.	WARRINGTON	Y	1
		S & S FLYING SERVICE	MARIANNA	N	4
		SAND KEY	BISCAYNE BAY	N	1
		SNAPPER LANE	KEY LARGO	N	1
		SOUTHERN CROP SERVICES	DELRAY BEACH	N	4
		ST. JOHN RIVER	JACKSONVILLE	N	1
		TOWER CHEMICAL CO	CLERMONT	Y	1
		TRI-CITY OIL CONSERVATIONIST	TEMPLE TERRACE	Y	1
		UNKNOWN CHEMICAL DISCHARGE	TAMPA	N	1
		WHITEHOUSE OIL PITS	WHITEHOUSE	Y	1
		WHITEHOUSE OIL PITS	WHITEHOUSE	Y	3
		WILLIAMS PESTICIDE SITE	AUGUSTA	N	1
		WORTHINGTON SPRING SITE	WORTHINGTON SPRING	N	3
		YELLOW WATER ROAD DUMP	BALDWIN	Y	1
	GEORGIA	ABRAMS BIG STAR PROP. DUMP SITE	OAKWOOD	N	4
		BANKS CO. DRUM SITE	HOMER	N	3
		BARNES MILL DRUM SITE	MARIETTA	N	2
		BARROW CO. DRUM SITE	BARROW COUNTY	N	1
		BATTLEFIELD PARKWAY AMMO DUMP	FORT OGLETHORPE	N	4
		BERRIEN PRODUCTS	NASHVILLE	N	1
		BUFORD HIGHWAY	ATLANTA/DORAVILLE	N	1
		CASCADE ROAD	ATLANTA	N	1
		CATOOSA COUNTY LABPACK	FT. OGLETHORPE	N	1
		CEDARTOWN BATTERY	CEDARTOWN	N	4
		CHEMRESOL INC.	BRUNSWICK	N	4
		COBB COUNTY DRUM	MARIETTA	N	3
		DADE CO. DRUM SITE	TRENTON	N	3
		DAVIS FARM	NICKELSVILLE	N	1
		DICKERSON POST TREATING	HOMERVILLE	N	3
		DICKERSON POST TREATING	HOMERVILLE	N	3
		EASTERN CHEMICAL CO.	LITHONIA	N	1

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
IV	GEORGIA	FT. OGLETHORPE DRUM	FT. OGLETHORPE	N	1
		GA HIGHWAY 138	CLAYTON CITY	N	1
		GAIL FOSTER PROPERTY	WADLEY	N	1
		GWINNETT COUNTY LAB PACK	SUWANEE	N	4
		HADAWAY ROAD	KENNESAW	N	1
		HEAD PCB SPILL	JEFFERSON	N	1
		HEADLAND DRIVE DRUMS	EAST POINT	N	4
		HELTON PROPERTY SITE	DALTON	N	2
		HOLLYWOOD CEMETERY SITE	ATLANTA	N	2
		IVY ROAD (BESSIE RUNNER)	MABLETON	N	1
		JOHNSON PROPERTY SITE	STOCKBRIDGE	N	1
		KENYON STREET DRUM SITE	ATLANTA	N	2
		KHOURY TRAILER PARK	FORT VALLEY	N	4
		LAKE KATHY ROAD SPILL	DALTON	N	1
		LINECREST WAY	DECATUR/DEKALB	N	2
		MARIETTA ROAD	ATLANTA	N	1
		MARZONE CHEMICAL CO.	TIFTON	N	1
		MATHIS/SHAVER FARM SITE	LAFAYETTE	N	3
		MC DONALD FARM SITE	DALTON	N	2
		MERCURY OIL SPILL	MARIETTA	N	3
		NAOMI DRUM SITE	NAOMI	N	2
		NASHVILLE PESTICIDE SITE	NASHVILLE	N	1
		NATIONAL SMELTING & REFINING CO.	ATLANTA	N	4
		NEWNAN LANDFILL	NEWNAN	N	2
		OLD LARAMORE LTD	LEESBURG	N	1
		PAPER MILL ROAD ABANDONED DRUM	LAWRENCEVILLE	N	4
		PAYCO PALLET AND DRUM	ELLENWOOD	N	1
		PEACHTREE MERCURY	NORCROSS	N	3
		PULVERIZING PLANT DRUM SITE	CHAMBLEE	N	2
		ROCK BRIDGE PARK	ROCKBRIDGE	N	1
		ROCK ROAD DRUM SITE	GREENVILLE	N	3
		ROME COAL TAR	ROME	N	1
		ROOSEVELT HIGHWAY SPILL	COLLEGE PARK	N	1

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IV	GEORGIA	SALVO PROPERTY	LITHIA SPRINGS	N	1
		SIMPSON ROAD DRUM	ATLANTA	N	1
		SWAINSBORO PRINTWORKS	SWAINSBORO	N	1
		SWAINSBORO PRINTWORKS	SWAINSBORO	N	1
		SWEETWATER CREEK DRUMS	DOUGLASVILLE	N	2
		U.S. CUSTOMS PESTICIDE	SAVANNAH	N	1
		VILLA RICA-HIGH POINT ROAD	DOUGLAS CITY	N	1
		WOODWARD MILL ROAD	BUFORD	N	1
		ZENITH CHEMICAL	DALTON	N	2
IX	HAWAII	HAUULA BEACH PARK	HAWAII	N	2
		M/V VICTORIA II KEEHI LAGOON	OAHU	N	1
		PCB TRANSFORMERS	OAHU	N	1
		PIER 35	HONOLULU	N	1
VII	IOWA	AIDEX CORP.	COUNCIL BLUFFS	Y	1
		CURTIS ANIMAL PRODUCTS	CORNING	N	1
		EGINOIRE FERTILIZER	LORIMOR	N	3
		MICHAEL BATTERY	BETTENDORF	N	2
X	IDAHO	ARRCOM (DREXLER ENTERPRISES)	RATHDRUM	Y	
		ARRCOM (DREXLER ENTERPRISES)	RATHDRUM	Y	1
		ARRCOM (DREXLER ENTERPRISES)	RATHDRUM	Y	3
		BUNKER HILL MINING & METALLURG.	KELLOGG	Y	1
		BUNKER HILL MINING & METALLURG.	SMELTERVILLE	Y	4
		COMEBACK MINE	PIONEERVILLE	N	1
		COMEBACK MINE	PIONEERVILLE	N	1
		ELK RIVER MITCHELL SITE	ELK RIVER	N	3
		EMMITT PCB	EMMITT	N	1
		GREENSPEED LAWNCARE	BOISE	N	3
		MUNICIPAL LANDFILL	POCATELLO	N	1
		PACIFIC HIDE & FUR RECYCLING	POCATELLO	Y	1

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REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
V	ILLNOIS	A & F MATERIALS RECLAIMING	GREENUP	Y	1
		A & F MATERIALS RECLAIMING	GREENUP	Y	1
		A & F MATERIALS RECLAIMING	GREENUP	Y	1
		A & F MATERIALS RECLAIMING	GREENUP	Y	1
		A-CHEMICAL	CHICAGO	N	1
		A-CHEMICAL	CHICAGO	N	2
		ABANDONED DRUM	EAST ST LOUIS	N	1
		ALBURN INCINERATION	SOUTHSIDE CHICAGO	N	1
		AUTOCRAT	NEW ATHENS	N	3
		BELVIDERE MUNICIPAL LANDFILL	BELVIDERE	Y	2
		BLUE CYANIDE CHIPS	COOK COUNTY	N	1
		BYRON/JOHNSON SALVAGE YARD	BYRON	Y	1
		BYRON/JOHNSON SALVAGE YARD	BYRON	Y	2
		CHEM PAC	CHICAGO	N	3
		CHICAGO DRUM	CHICAGO	N	1
		CHICAGO INDUSTRIAL WASTE HAULERS	ALSIP	N	4
		CYANIDE INCIDENT	CHICAGO	N	1
		DANVILLE PLATING	DANVILLE	N	1
		DEAD CREEK	SAUGET	N	1
		FLOYD HUTTER	WILL COUNTY	N	1
		GEBHART FERTILIZER	LATHAM	N	1
		HIXON PLATING	BUSHNELL	N	1
		LASALLE ELECTRICAL UTILITIES	LASALLE	Y	1
		LASALLE ELECTRICAL UTILITIES	LASALLE	Y	1
		LASALLE ELECTRICAL UTILITIES	LASALLE	Y	1
		LIQUID DYNAMICS	CHICAGO	N	1
		SORRENTO SITE	SORRENTO	N	1
		STEWART DRUM	CHICAGO	N	1
		U.S. SCRAP	CHICAGO	N	1
	INDIANA	9TH AVE DRUM	GARY	Y	3
		ABANDONED DRUM	OHIO RIVER	N	1
		BENNETT STONE QUARRY	BLOOMINGTON	Y	1

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V	INDIANA	BLOOMINGTON CAPACITOR SITE	BLOOMINGTON	N	1
		CAM-OR	WESTVILLE	N	3
		CANTU WELL	GARY	N	2
		DOWDEN LANDFILL	FORTVILLE	N	1
		ELKHART SITE	ELKHART	N	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		ENVIROCHEM CORP.	ZIONSVILLE	Y	1
		GALEN MEYERS	OSCEOLA	N	1
		GALEN MEYERS	OSCEOLA	N	2
		GARY DOG POUND	GARY	N	1
		I-69	FISHERS	N	1
		I.J. RECYCLING	FORT WAYNE	N	2
		I.J. RECYCLING	FORT WAYNE	N	4
		INDIANA REFINERY	PRINCETON	N	1
		LAKE SANDY JO	GARY	Y	1
		LAKE SANDY JO	GARY	Y	1
		LEMON LANE LANDFILL	BLOOMINGTON	Y	1
		LUSHER STREET	ELKHART	N	3
		LUSHER STREET	ELKHART	N	3
		MAIN STREET WELL	ELKHART	Y	2
		MICHIGAN CITY DRUMS	MICHIGAN CITY	N	1
		MIDCO I	GARY	Y	1
		MIDCO II	GARY	Y	1
		MIDCO II	GARY	Y	4
		MIDWEST PLATING	LOGANSPORT	N	1
		MIDWEST PLATING-KOKOMO	KOKOMO	N	2
		MONON WATERWORKS	MONON	N	2
		POER FARM	HANCOCK COUNTY	Y	1
		PORTAGE DRUMS	PORTAGE	N	2
		R.J. TRUCKING	PRINCETON	N	1
		SEYMOUR RECYCLING CORP.	SEYMOUR	Y	1

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V	INDIANA	SHELTON WELLS	COLUMBUS	N	2
		STEEL CONTAINER	HAMMOND	N	1
		STEEL CONTAINER	HAMMOND	N	1
		SYCAMORE STREET	ELKHART	N	2
		TRI-STATE	COLUMBUS	Y	2
		TRI-STATE	COLUMBUS	Y	3
		TYLER STREET DRUMS	GARY	N	2
		WEDZEB ENTERPRISES	LEBANON	Y	2
		WESTERN SCRAP CORP.	GARY	N	4
		WESTVILLE OIL CO.	WESTVILLE	N	3
		WESTVILLE OIL CO.	WESTVILLE	N	4
VII	KANSAS	BEAUTY ROSE COSMETICS	KANSAS CITY	N	2
		CHEROKEE COUNTY (TRI STATE)	CHEROKEE COUNTY	Y	2
		CHEROKEE COUNTY (TRI STATE)	CHEROKEE COUNTY	Y	3
		JOHN'S REFINERY	WICHITA	N	1
		LEAVENWORTH ROAD EXPLOSIVES	KANSAS CITY	N	4
		RICHMOND STREET DRUM	KANSAS CITY	N	1
		ROBINSON DRUM SITE	ROBINSOM	N	4
		ROE LANE TANK	KANSAS CITY	N	3
		YODER VOCS	YODER	N	4
IV	KENTUCKY	A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	Y	1
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	Y	2
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	Y	3
		A L TAYLOR (VALLEY OF DRUMS)	SHEPHARDVILLE	Y	4
		BOWLING GREEN TOXICS	BOWLING GREEN	N	2
		CHENAULT RECTIFIERS	RICHMOND	N	2
		CLYDE ELROD DRUM SITE	KEVIL	N	4
		COAL BRANCH HOLLOW	GREENUP	N	1
		DISTLER BRICKYARD	WEST POINT	Y	1
		DISTLER FARM	JEFFERSON COUNTY	Y	1
		DONALDSON ART SIGN COMPANY	COVINGTON	N	4

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IV	KENTUCKY	GEORGE O'BRYAN SITE	LOUISVILLE	N	1
		GREENUP TIRE FIRE	GREENUP	N	3
		HARRISON	CYNTHIANA	N	1
		HENDERSON DRUM SITE	HENDERSON	N	4
		INDUSTRIAL PLASTICS	LOUISVILLE	N	3
		KEITH FARM POND	BOWLING GREEN	N	1
		LEE'S LANE LANDFILL	LOUISVILLE	Y	3
		LEE'S LANE LANDFILL	LOUISVILLE	Y	3
		MIDNIGHT DUMPING (KY)	HENDERSONVILLE	N	1
		NATIONAL ELECTRIC SERVICE SITE	DAYHOIT	N	4
		NEWPORT DUMP SITE	NEWPORT	Y	3
		NICHRO PLATING COMPANY	LOUISVILLE	N	2
		O'CON ENGINEERING	BONNIEVILLE	N	3
		SMITH'S FARM	BROOKS	Y	1
		SMITH'S FARM	BROOKS	Y	3
		TAYLORSPORT SAND & GRAVEL PIT	TAYLORSPORT	N	3
		TINDALL PROPERTY SITE	LAWRENCEBURG	N	3
		WHITLEY COUNTY	SILER	N	1
VI	LOUISIANA	AMERICAN CREOSOTE	WINNFIELD	N	3
		AMERICAN CREOSOTE	WINNFIELD	N	3
		AMERICAN CREOSOTE	WINNFIELD	N	4
		BARGE STAR 7	LAROSE	N	1
		CLEVE REBER	SORRENTO	Y	1
		OLD INGER OIL REFINERY	DARROW	Y	1
		OLD INGER OIL REFINERY	DARROW	Y	1
		OLD INGER OIL REFINERY	DARROW	Y	1
		OLD INGER OIL REFINERY	DARROW	Y	1
		OLD INGER OIL REFINERY	DARROW	Y	3
		STONEWALL DRUG DUMP	STONEWALL	N	1
		W.J. OIL CO.	LAROSE	N	1
I	MASSACHUSETTS	#7 COMMERCIAL	BROCKTON	N	3

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I	MASSACHUSETTS	ABANDONED DRUM	CAPE COD	N	2
		BAIRD & MCGUIRE	HOLBROOK	Y	1
		BAIRD & MCGUIRE	HOLBROOK	Y	1
		BEAL STREET DRUM	HINGHAM	N	2
		BREAKNECK ROAD	SOUTHBRIDGE	N	2
		CANNON ENGINEERING CORP.	PLYMOUTH	Y	1
		CAPE COD CANAL	SANDWICH	N	3
		CHARLES GEORGE RECLAMATION	TYNGSBOROUGH	Y	1
		CHATHAM BEACH	CHATHAM	N	3
		CHATHAM DRUMS	CHATHAM	N	4
		COTTAGE ST.	DORCHESTER	N	3
		DEAN STREET	NORWOOD	Y	1
		EDGARTOWN	MARTHA'S VINEYARD	N	4
		FAIRVIEW ROAD	NORWOOD	N	3
		HIGH SACHEM SITE	MASHPEE	N	2
		HOUGELS NECK	QUINCY	N	1
		HULL CAUSTIC WASTE (SAMOSET)	HULL	N	3
		INDUSTRI-PLEX	WOBURN	Y	1
		INDUSTRI-PLEX	WOBURN	Y	3
		IRON HORSE PARK	BILLERICA	Y	1
		LOWNEY WAY	CHARLESTOWN	N	3
		MARCONI BEACH	WELLFLEET	N	4
		MEGUNCO ROAD	ASHLAND	N	4
		MENEMSHA II	MARTHA'S VINEYARD	N	4
		MERRIMACK RIVER	LOWELL	N	4
		MIDNIGHT DUMP	DIGHTON	N	1
		NANTASKET BEACH	HULL	N	3
		NANTASKET BEACH	HULL	N	3
		NEW BEDFORD SITE	NEW BEDFORD	Y	1
		NEW BEDFORD SITE	NEW BEDFORD	Y	1
		NEW BEDFORD SITE	NEW BEDFORD	Y	1
		NYANZA SITE	ASHLAND	Y	3
		PAMET RIVER	TRURO	N	4

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I	MASSACHUSETTS	PUTNAM FIRE	PUTNAM	N	4
		SALEM ACRES	SALEM	Y	3
		SILRESIM CHEMICAL CORP.	LOWELL	Y	1
		SILRESIM CHEMICAL CORP.	LOWELL	Y	1
		SILRESIM CHEMICAL CORP.	LOWELL	Y	2
		SOUTH BEACH	EDGARTOWN	N	4
		VINEYARD SOUND	MARTHA'S VINEYARD	N	4
III	MARYLAND	ADAMSTOWN SITE	FREDERICK COUNTY	N	3
		BALTIMORE IRON & METALS	BALTIMORE	N	1
		CALIFORNIA MARYLAND DRUM	ST MARY'S COUNTY	N	1
		CAPITOL ASSAY LABS	BALTIMORE	N	2
		CECIL COUNTY DUMP	NORTHEAST	N	1
		CECIL COUNTY DUMP	NORTHEAST	N	1
		CHEMICAL METALS INDUSTRIES	BALTIMORE	N	1
		COLUMBIA PARK DRUM	COLUMBIA PARK	N	1
		EVANS TRAIL	CALVERTON	N	1
		IRON HILL DRUM SITE	ELKTON	N	3
		KANE & LOMBARD STREET DRUMS	BALTIMORE	Y	1
		KANE & LOMBARD STREET DRUMS	BALTIMORE	Y	2
		LOCOMOTIVE JUNKYARD	BALTIMORE	N	1
		MIDDLETOWN ROAD DUMP	ANNAPOLIS	N	1
		OAKLAND JUNKYARD	OAKLAND	N	3
		SAND, GRAVEL & STONE	ELKTON	Y	1
		SECURITY BOULEVARD	BALTIMORE	N	1
		SOUTHERN MARYLAND WOOD TREATING	HOLLYWOOD	Y	1
		SPECTRON, INC.	ELKTON	N	4
		SPRINGER SEPTIC SERVICES	CHAPITCO	N	1
		UNION PLATIND	BALTIMORE	N	1
		UNITED RIGGING & HAULING	BELTSVILLE	N	1
I	MAINE	ANDROSCOGGIN (FLOOD)	PENNOBS/PISCATAQ	N	2
		GREAT DIAMOND ISLAND	PORTLAND	N	1

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I	MAINE	KENNEBEC (FLOOD)	KENNEBEC	N	2
		KESWICK ROAD	PORTLAND	N	1
		PINETTE'S SALVAGE	WASHBURN	Y	1
		SACO TANNERY WASTE PITS	SACO	Y	1
		UNION CHEMICAL CO.	SOUTH HOPE	N	1
		WATERBORO PATENT CORPORATION	WATERBORO	N	4
V	MICHIGAN	ABANDONED DRUMS-ECORSE	ECORSE	N	1
		AVENUE "E" GROUNDWATER	TRAVERSE CITY	Y	1
		BERLIN & FARRO	SWARTZ CREEK	Y	1
		BERLIN & FARRO	SWARTZ CREEK	Y	1
		BERLIN & FARRO	SWARTZ CREEK	Y	1
		BERLIN & FARRO	SWARTZ CREEK	Y	1
		CANNELTON INDUSTRIES	SAULT STE MARIE	N	3
		CARTER INDUSTRIAL	DETROIT	N	2
		CARTER INDUSTRIALS, INC.	DETROIT	Y	4
		CARTER INDUSTRIES	DETROIT	Y	4
		CHEMICAL DRUM	HESSEL	N	1
		DRUMS ON BEACH	MANISTIQUE	N	1
		DUELL AND GARDNER LANDFILL	DALTON TWP	Y	1
		FORT & SCOTTEN STREETS	DETROIT	N	1
		G & H LANDFILL	UTICA	Y	1
		G & H LANDFILL	UTICA	Y	1
		G & H LANDFILL	UTICA	Y	1
		G & H LANDFILL	UTICA	Y	2
		GROUP EIGHT TECHNOLOGY	WYANDOTTE	N	4
		HOLTZMAN/SILVERMAN	YPSILANTI	N	4
		INTERNATIONAL DISK CORP.	ELLSWORTH	N	1
		INTERNATIONAL DISK CORP.	ELLSWORTH	N	3
		LIQUID DISPOSAL INC	UTICA	Y	1
		LIQUID DISPOSAL INC	UTICA	Y	1
		LIQUID DISPOSAL INC	UTICA	Y	1
		LIQUID DISPOSAL INC	UTICA	Y	1

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V	MICHIGAN	MIDNIGHT DUMPING	DETROIT	N	1
		MILLPOINT (SPRING LAKE)	SPRINGLAKE	N	1
		MT. ELLIOTT DRUM	DETROIT	N	2
		NILES TOWNSHIP	NILES	N	1
		NORTHERNAIRE PLATING	CADILLAC	Y	1
		OTT/STORY/CORDOVA	NORTH MUSKEGON	Y	1
		PBM ENTERPRISES	ROMULUS	N	1
		PEERLESS PLATING	MUSKEGON	N	1
		PIONEER EQUIPMENT CO.	DETROIT	N	4
		PLATING EQ. USED	DETROIT	N	3
		RASMUSSEN'S DUMP	GREEN OAK TWP	Y	1
		REVERE COPPER & BRASS	DETROIT	N	3
		ROSE TOWNSHIP DUMP	ROSE TWP	Y	1
		S.E.R. PLATING	KALAMAZOO	N	3
		SAGINAW PAINTING CO.	SAGINAW	N	1
		SELKIRK - BENHAM ST. DRUMS	DETROIT	N	3
		STEVENSON ROAD DRUM	CLINTON TWP	N	3
		THERMO CHEM INC.	MUSKEGON	Y	4
		VERONA WELL FIELD	BATTLE CREEK	Y	1
		VERONA WELL FIELD	BATTLE CREEK	Y	1
		VERONA WELL FIELD	BATTLE CREEK	Y	2
		VERONA WELL FIELD	BATTLE CREEK	Y	2
		ZEIMAN & GRAMES ROAD DUMP SITE	MILAN	N	4
	MINNESOTA	BOW CHEMICAL	ST PAUL PARK	N	1
		ISANTI SOLVENT SITES	ISANTI COUNTY	N	1
		LEHILLIER/MANKATO SITE	MANKATO	Y	1
		RUMPLE JUNKYARD	ISANTI	N	1
		SOUTH ANDOVER SITES	ANDOVER	Y	4
		ST. LOUIS RIVER	DULUTH	N	2
		ST. LOUIS RIVER-DULUTH HARBOR	DULUTH	N	1
		UNION SCRAP IRON & METAL CO.	MINNEAPOLIS	Y	1
		UNION SCRAP IRON & METAL CO.	MINNEAPOLIS	Y	4

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VII	MISSOURI	4325 JACKSON ST	KANSAS CITY	N	3
		ACCESS ROAD TO OLD HIGHWAY 141	JEFFERSON COUNTY	N	4
		B & B SALVAGE	WARRENSBURG	N	3
		BALDWIN PARK	ST. LOUIS	N	3
		BLISS/FRONTENAC	FRONTENAC	N	1
		BLUE RIVER FLOOD	KANSAS CITY	N	1
		BROADWAY SALVAGE	ST LOUIS	N	3
		BUBBLING SPRINGS ARENA	FENTON	N	4
		CASHEL PROPERTY	ST. LOUIS COUNTY	Y	1
		CASTLEWOOD COMMUNITIY SITE	ST. LOUIS	N	1
		CASTLEWOOD COMMUNITIY SITE	ST. LOUIS	N	3
		CHESTERFIELD TANK	ST. LOUIS RIVER	N	2
		COMMUNITY CHRISTIAN CHURCH	MANCHESTER	N	1
		CROOKED R. DRUM	RAYVILLE	N	3
		DEARBORN DRUMS	DEARBORN	N	2
		DELMAR STREET DRUMS	ST LOUIS	N	3
		DICKHOENER PCB SITE	CUBA	N	3
		ELLISVILLE SITE (CALLAHAN)	ELLISVILLE	Y	1
		ERWIN FARM	VERONA	N	1
		FLOOD DAMAGE	ST. LOUIS	N	1
		FRANKLIN/GIMBLIN ST.	ST. LOUIS	N	1
		HOLLY STREET DRUM SITE	KANSAS CITY	N	1
		LACY MANOR DRIVE	JEFFERSON CTY	N	1
		MEXICO FEED & SEED	MEXICO	N	1
		MINKER/STOUT/ROMAINE CREEK	IMPERIAL	Y	3
		NEOSHO WASTEWATER SCHOOL	NEOSHO	N	1
		NODAWAY DRUMS	NODAWAY	N	2
		NORTH 'U' DRIVE PCBS	SPRINGFIELD	N	2
		NORTH 'U' DRIVE PCBs	SPRINGFIELD	Y	1
		ODESSA MANUFACTURING CO.	MAYSVILLE	N	3
		POLLOCK SITE	KANSAS CITY	N	4
		QUAIL RUN MOBILE MANOR	GRAY SUMMIT	N	3
		ROBERTS ST. DRUM	KANSAS CITY	N	3

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VII	MISSOURI	ROCKWOOD SCHOOL DISTRICT	EUREKA	N	1
		ROSE CHEMICAL	HOLDER	N	1
		ROSE CHEMICAL	HOLDER	N	2
		RUSHA FARM	LAWRENCE COUNTY	N	1
		SADDLE & SPUR ARENA	HIGH RIDGE	N	4
		SOLID STATE CIRCUITS	REPUBLIC	Y	1
		STORE SAFE EXPLOSIVES	KANSAS CITY	N	3
		SULLINS RESIDENCE	MAXVILLE	Y	1
		TALLEY FARM	LAWRENCE COUNTY	N	1
		THOLOZAN ST. SITE	ST. LOUIS	N	1
		TIMBERLINE STABLES	NEW BLOOMFIELD	N	4
		VALLEY GARDEN DRIVE	KANSAS CITY	N	1
		WALLS RESIDENCE SUBSITE (PIAZZA ROAD)	ST. JAMES	N	4
		WEAVER DRUMS	KANSAS CITY	N	2
IV	MISSISSIPPI	ABANDONED DRUM SITE	JACKSON	N	1
		AMERICAN CREOSOTE WORKS (MS)	LOUISVILLE	N	1
		AMORY CIVIL DEFENSE HOSPITAL	AMORY	N	4
		BENTON FURNITURE CO.	ASHLAND	N	2
		BERGERON MARINE	PEARLINTON	N	1
		CANTON PLATING & BUMPER WORKS	CANTON	N	1
		CAUSTIC CHEMICAL	WOODVILLE	N	1
		COWART VBS	TALLAHATCHIE CITY	N	3
		DSI FACILITY	BILOXI	N	4
		GOOKEN FARMS DRUM SITE	SENATOBIA	N	3
		GULF BATTERY EXCHANGE	OCEAN SPRINGS	N	1
		MIDNIGHT DUMP	MCHENRY	N	1
		NATCHEZ DRUG SITE	NATCHEZ	N	1
		NESBIT SCALE HOUSE	NESBIT	N	1
		NESBIT SCALE HOUSE	NESBIT	N	1
		NEWSOME BROTHERS OLD REICHOLD SITE	COLUMBIA	Y	3
		NEWSOME BROTHERS SITE	COLUMBIA	Y	1
		NEWSOME BROTHERS/OLD REICHOLD	COLUMBIA	Y	4

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IV	MISSISSIPPI	PLASTIFAX, INC.	GULFPORT	N	1
		PRENTISS CREOSOTE & FOREST PRODUCTS	PRENTISS	N	4
		S. ELECTROFORMING	KOSCIUSKO	N	1
		SONFORD PRODUCTS	JACKSON	N	1
		SOUTHERN LUMBER CO.	CROSBY	N	1
VIII	MONTANA	MILL CREEK SITE (ANACONDA)	ANACONDA	Y	3
		MONTANA POLE AND TREATING	BUTTE	Y	4
		MOTHERLODE FACILITY	EAST HELENA	N	1
		RELIANCE REFINERY	KALISPELL	N	3
		SILVER BOW CREEK/WALKERVILLE	SILVER BOW/DEER LDGE	Y	3
IV	NORTH CAROLINA	ABERDEEN PESTICIDE	ABERDEEN	N	1
		AHOSKIE MIDNIGHT DUMP	AHOSKIE	N	1
		ALANDALE DR. CHEMICAL SITE	WILMINGTON	N	2
		AUBURN CHURCH ROAD DRUMS	RALEIGH	N	2
		BARNES PROPERTY	FAIRMONT	N	3
		BEACH CONTAINERS	OREGON INLET	N	2
		BOSTIC DRUM	HOLLY RIDGE	N	3
		BUCKHORN PESTICIDE FIRE	BUCKHORN	N	1
		BUCKHORN RD. DRUM SITE	SANFORD	N	2
		BUSH BROTHERS PLATING	REIDVILLE	N	1
		CALDWELL COUNTY	LENOIR	N	1
		CAPE FEAR WOOD PRESERVING	FAYETTEVILLE	Y	1
		CAPE FEAR WOOD PRESERVING	FAYETTEVILLE	Y	2
		CAPE FEAR WOOD PRESERVING	FAYETTEVILLE	Y	4
		CAPE FEAR WOOD PRESERVING	FAYETTEVILLE	Y	1
		CAPE HATTERAS NATIONAL SEASHORE	RODANTHE	N	1
		CARBONTON ROAD DRUM SITE	SANFORD	N	4
		CAROLINA PRODUCTION	ASHEVILLE	N	3
		CAROLINA TRANSFORMER CO.	FAYETTEVILLE	Y	1
		CHADBOURN TIRE FIRE	CHADBOURN	N	4
		CHARLES MACON LAGOON & DRUM	CORDOVA	Y	1

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IV	NORTH CAROLINA	CHEMTRONICS INC.	SWANNANOA	Y	1
		CLAYTON BALLFIELD PESTICIDE	CLAYTON	N	1
		CLEVELAND CO. DRUM SITE	SHELBY	N	3
		CORNELL-DUBLIER	SANFORD	N	3
		CURRITUCK PHOSPHORUS	CURRITUCK	N	4
		DAVENPORT CREOSOTE SPILL	PINETOPS	N	1
		DOCKERY PROPERTY	CORDOVA	N	1
		DOT MAINTENANCE YARD	SHALLOTE	N	1
		ELIZABETH CITY DRUM	ELIZABETH CITY	N	1
		EVERHART LUMBER SITE	NEW BERN	N	1
		FORBUSH METAL FINISHING	YADKINVILLE	N	3
		FURNACE RD. DRUM SITE	LINCOLNTON	N	2
		GASTON CO. DRUM SITE	GASTONIA	N	3
		GIBSON MIDNIGHT DUMP	GIBSON	N	3
		GILLCREST ROAD	WAKE FOREST	N	1
		HOLLINGSWORTH PESTICIDE SITE	FAYETTEVILLE	N	2
		HUMPBACK MTN. RD. DRUMS	SPRUCE PINE	N	2
		JMC PLATING	LEXINGTON	N	3
		LAUREL SPRINGS PCB SITE	LAUREL SPRINGS	N	2
		LENOIR REFINING	LENOIR	N	1
		MARTINS CREEK ROAD	BARNARDSVILLE	N	4
		MIDNIGHT DUMPING/GUILFORD	GUILFORD	N	1
		ONE HOUR KORETIZING	DURHAM	N	1
		PCB CONTAMINATION WELLS	TAYLORSVILLE	N	3
		PIERCE (LYNN) PROPERTY	APEX	N	4
		PILOT MOUNTAIN TIRE FIRE	PILOT MOUNTAIN	N	4
		PLYMOUTH WOOD TREATMENT	PLYMOUTH	N	1
		POTTERS PITS	MACO	N	1
		QUEENS PROPERTY	CHARLOTTE	N	2
		RED CAP DOG FOOD	BURLINGTON	N	4
		ROUTE 211 PESTICIDE SITE	ABERDEEN	N	1
		ROWES CORNER DRUM DUMP	ROWES CORNER	N	2
		SALVAGE OIL OF AMERICA	ROCKINGHAM	N	1

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		SANFORD PLATING COMPANY	SANFORD	N	2
		SCOTTS CREEK BATTERY	NEW BERN	N	1
		SOUTH RIVERDALE DRIVE	DURHAM	N	1
		U.S. 70 DUMP SITE	MORGANTOWN	N	2
		U.S. HWY 1 TRUCK SITE	VASS	N	1
		UNION CO. DRUM SITE	MONROE	N	3
		UNITED HOUSE OF PRAYER DRUM SITE	SALISBURY	N	4
		WESTERN CAROLINA SMELTING	MADISON	N	1
		WOODY'S TIRE FIRE	GASTONIA	N	3
VIII	NORTH DAKOTA	ARSENIC TRIOXIDE	SOUTHEASTERN ND	Y	2
		ARSENIC TRIOXIDE	LIDGERWOOD	Y	4
		GRAND FORKS DRUM SITE	GRAND FORKS	N	1
		VAAGAN-DAHLE FARM	CARPIO	N	1
VII	NEBRASKA	ECONOMY PRODUCTS	OMAHA	N	1
		ENVIRONMENTAL SERVICES INC.	OMAHA	N	1
		FREMONT TRIZONE CYLINDER	FREMONT	N	4
		HOFFMAN DRUM (ALLIANCE)	ALLIANCE	N	3
		HOFFMAN DRUM (ALLIANCE)	ALLIANCE	N	3
		MARCY STREET	OMAHA	N	1
		MURDOCK GROUNDWATER	MURDOCK	N	1
		MURDOCK GROUNDWATER	MURDOCK	N	2
		NEBRASKA ARMY ORDNANCE PLANT	MEAD	Y	4
		PARK MOBILE HOME GROUNDWATER CONT.	NORFOLK	N	4
I	NEW HAMPSHIRE	13 NIQUETTE (27)	NASHUA	N	3
		17 NIQUETTE	NASHUA	N	3
		AUBURN RD	LONDONDERRY	Y	2
		AUBURN RD LANDFILL	LONDONDERRY	Y	4
		BURNS HILL ROAD	HUDSON	N	1
		BURSEY ASBESTOS	HUDSON	N	1

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I	NEW HAMPSHIRE	FLETCHER'S PAINT STORE FACILITY	MILFORD	N	4
		FLETCHER'S PAINT WORKS	MILFORD	Y	4
		GONIC SITES	GONIC	N	1
		HALL STREET	BOW	N	2
		JOHNS MANVILLE ASBESTOS SITE	HUDSON	N	1
		KEEFE ENVIRONMENTAL SERVICES	EPPING	Y	1
		LAKE SUNAPEE	SUNAPEE	N	1
		LOWELL ROAD	HUDSON	N	1
		MATARAZZO	HUDSON	N	1
		MOTTOLO PIG FARM	RAYMOND	Y	1
		OTTATI & GOSS/KINGSTON STEEL	KINGSTON	Y	1
		POINTER ASBESTOS	HUDSON	N	1
		RIDGE AVENUE ASBESTOS	HUDSON	N	1
		RUSSEL AVE. (28)	NASHUA	N	3
		S. BANK ASBESTOS	NASHUA	N	1
		S. BANK ASBESTOS	NASHUA	N	2
		SAVAGE MUNICIPAL WATER SUPPLY	MILFORD	Y	1
		SHADY LANE ASBESTOS	NASHUA	N	1
		SYLVESTER	NASHUA	Y	1
		TIBBETTS ROAD	BARRINGTON	Y	1
		TIBBETTS ROAD	BARRINGTON	Y	3
		TIBBETTS ROAD	BARRINGTON	Y	3
		TINKHAM GARAGE	LONDONDERRY	Y	1
II	NEW JERSEY	ARKANSAS COMPANY	NEWARK	N	4
		ATLANTIC RESOURCES	SAYREVILLE	N	3
		BLUE POLY DRUM	GLOUCESTER CITY	N	1
		BLUE SPRUCE INTERNATIONAL	BOUND BROOK	N	1
		BRADY METALS	NEWARK	N	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1

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II	NEW JERSEY	BRIDGEPORT RENTAL & OIL SVCS.	LOGAN TWP	Y	1
		BURNT FLY BOG	MARLBORO TWP	Y	1
		CAMPLAIN ROAD	HILLSBOROUGH	N	1
		CAMPLAIN ROAD	HILLSBOROUGH	N	2
		CHEMICAL CONTROL	ELIZABETH	Y	1
		CHEMICAL CONTROL	ELIZABETH	Y	1
		CHEMICAL INSECTICIDE CORP.	METUCHEN	N	3
		CHEMICAL INSECTICIDE CORP.	EDISON TWP	Y	4
		CHEMICAL LEAMAN TANK LINES	BRIDGEPORT	Y	2
		CONTAMINATED WELLS	EAST HANOVER	N	3
		CONTAMINATED WELLS	EAST HANOVER	N	3
		COOPER RIVER	CAMDEN	N	3
		COULTER STREET	TOMS RIVER	N	3
		DELANCY TRAILER	NEWARK	N	1
		DELAWARE RIVER	GLOUSTER	N	2
		DUANE MARINE	PERTH AMBOY	N	1
		DUANE MARINE	PERTH AMBOY	N	1
		EWAN PROPERTY	SHAMONG TOWNSHIP	Y	4
		FRIED INDUSTRIES	EAST BRUNSWICK TWP	Y	1
		GEMS LANDFILL	GLOUCESTER TWP	Y	1
		GOOSE FARM	PLUMSTED TWP	Y	1
		HAYES PARK POOL	NEWARK	N	1
		HIGGINS FARM RT. 518	FRANKLIN TWP	Y	4
		HILLSBOROUGH-ROUTE 206	HILLSBOROUGH	N	2
		HORSESHOE ROAD DUMP	SAYREVILLE	N	1
		INDUSTRIAL LATEX	WALLINGTON	N	2
		INDUSTRIAL LATEX	WALLINGTON	N	3
		INDUSTRIAL LATEX	WALLINGTON	Y	4
		INTERNATIONAL METALLURGICAL SERVICES	NEWARK	N	3
		INTERNATIONAL METALLURGICAL SERVICES	NEWARK	N	4
		KEARNY DRUM DUMP #1 & #5	KEARNY	N	1
		KEARNY DRUM DUMP #2	KEARNY	N	1
		KIN-BUC LANDFILL	EDISON TWP	Y	1

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II	NEW JERSEY	LIPARI LANDFILL	PITMAN	N	1
		LIPARI LANDFILL	PITMAN	N	1
		LOCKWOOD ST	NEWARK	N	1
		MINSEI	WOODLAND TWP	N	2
		MYERS PROPERTY	FRANKLIN TWP	Y	1
		MYERS PROPERTY	FRANKLIN TWP	Y	3
		NASCOLITE	MILLVILLE AND VINELAND	Y	3
		NL INDUSTRIES INC.	PEDRICKTOWN	Y	4
		PERONA TIRE FIRE	ATLANTIC	N	2
		POMONA OAKS RESIDENTIAL WELLS	GALLOWAY TWP	Y	1
		PULVERIZING SERVICES	MOORESTOWN	N	3
		QUANTA RESOURCES	EDGEWATER	N	1
		RENORA, INC.	EDISON TOWNSHIP	Y	1
		ROEBLING STEEL CO.	FLORENCE	Y	4
		SIGNO DELTA WAREHOUSE	WALL TWP	N	2
		SODNEY PAINT	WALLINGTON	N	4
		TIDEWATER BALING	NEWARK	N	4
		WALDICK AEROSPACE DEVICES	WALL TWP	Y	1
		YELLOW GOOP ON BEACH	LONG BRANCH	N	1
VI	NEW MEXICO	ARGENT CORPORATION	RIO RANCHOS	N	1
		CIMARRON MINING	CARRIZOZO	N	2
		PRONTO SERVICES	ALBUQUERQUE	N	1
		S VALLEY PCB TANK SITE	ALBUQUERQUE	N	1
		SPRINGER WOOD TREATER	SPRINGER	N	4
		WHITFIELD TANKLINES	ALBUQUERQUE	Y	3
IX	NEVADA	AEROLITE PLATING	RENO	N	3
		BIG SPRING RANCH	SHAFTER	N	1
		CYANIDE SPILL	GLENDALE	N	1
		ECHO BAY STATION	LAKE MEAD	N	1
		POLYCARB WELLS	WELLS	N	3
		SILVERADO LEACH MILL FACILITY	EUREKA 20 MI N OF	N	3

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IX	NEVADA	WASHO DRUM	RENO	N	1
II	NEW YORK	ABANDONED DRUM	ROCKAWAY	N	1
		ABANDONED DRUMS ERIE CANAL	BUFFALO	N	1
		AMERICAN THERMOSTAT	SOUTH CAIRO	Y	1
		ARSENIC MINES	KENT	N	3
		ASBESTOS DUMPING	E. FARMINGDALE	N	2
		ASBESTOS/TORREY PLACE	YONKERS	N	2
		ATLAS ELECTROPLATING	BUFFALO	N	4
		BAYSHORE	ISLIP	N	1
		BERN METALS	BUFFALO	N	4
		BERNCOLOR INC.	POUGHKEEPSIE	N	1
		BERNE METALS	BUFFALO	N	3
		BLOOMING GROVE	ORANGE COUNTY	N	2
		BOSSERT MANUFACTURING	UTICA	N	4
		BYRON BARREL & DRUM	BYRON	Y	1
		CANNY TRUCKING	BINGHAMPTON	N	4
		CATSKILL TIRE FIRE	CATSKILL	N	4
		CAYADOTTA CREEK	JOHNSTOWN	N	1
		CIRCUITRON CORPORATION	FARMINGDALE	Y	4
		CLAREMONT POLYCHEMICAL	OLD BETHPAGE	Y	4
		CLOTHIER DISPOSAL	TOWN OF GRANBY	Y	3
		EAST MORICHES	BROOKHAVEN	N	4
		FORT DRUM	WATERTOWN	N	2
		FORT TOTTEN	NEW YORK CITY	N	1
		FRIENDSHIP DRIVE	ROCKY POINT	N	4
		FULTON TERMINALS	FULTON	Y	2
		FULTON TERMINALS	FULTON	Y	2
		FULTON TERMINALS	FULTON	Y	2
		GAZZOLA DRIVE	LONG ISLAND	N	2
		HIGH VIEW TERRACE	WEST SENECA	N	3
		HIGH VIEW TERRACE	WEST SENECA	N	4
		HONEYOE FALLS	N. BLOOMFIELD	N	3

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II	NEW YORK	HUDSON RIVER	NEW YORK	N	3
		HYDE PARK DRUM SITE	DUTCHESS COUNTY	N	2
		JAGGER LANE	SOUTHAMPTON	N	1
		KENTUCKY AVE WELL FIELD	HORSEHEADS	Y	1
		LA CLAIR RESIDENCE	FORT ANN	N	3
		LINCOLN AVENUE	PORT JEFFERSON	N	3
		LINCOLN AVENUE	BOHEMIA	N	1
		LINDENHURST	BABYLON	N	2
		LONG ISLAND BEACH	RYE	N	1
		LONG ISLAND SOUND	MORICHES	N	4
		LOVE CANAL (BLACK CREEK)	NIAGARA FALLS	Y	1
		MADISON WIRE CO	WEST SENECA	N	2
		MATTIACE PETRO CHEMICAL	GLEN COVE	N	3
		MEK SPILL	HICKSVILLE	N	1
		MILLER ROAD	AMITYVILLE	N	3
		MORELAND FARM	COMMACK	N	2
		N. LINDENHURST	BABYLON	N	2
		NEWSTEAD SITE	NEWSTEAD	N	4
		NIAGARA RIVER	YOUNGSTOWN	N	3
		NOAH'S PATH	ROCKY POINT	N	4
		OLEAN WELL FIELD	OLEAN	Y	1
		OLEAN WELL FIELD	OLEAN	Y	1
		OLEAN WELL FIELD	OLEAN	Y	1
		PARTHEY LANE	AMITYVILLE	N	2
		POLLUTION ABATEMENT SVCS (PAS)	OSWEGO	Y	1
		POLLUTION ABATEMENT SVCS (PAS)	OSWEGO	Y	3
		PRIMO SHIELD	UTICA	N	2
		RIDGE ROAD AT RT. 20	POMPEY	N	3
		RIDGE ROAD AT RT. 20	POMPEY	N	3
		ROSEN SITE	CORTLAND	Y	4
		SABRE PARK	NIAGARA	N	4
		SAG HARBOR	SOUTHAMPTON	N	1
		SAG HARBOR	SOUTHAMPTON	N	1

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II	NEW YORK	SAMMIS AVENUE-DEER PARK	BABYLON	N	1
		SHIRLEY #2	BROADWAY	N	2
		SIGNO TRADING	WESTCHESTER	N	3
		SIGNO/COTY	STATEN ISLAND	N	2
		SIGNO/KENSTON	BROOKLYN	N	2
		SIGNO/MT. VERNON	MOUNT VERNON	N	1
		TOWN OF KENT	PUTNAM COUNTY	N	2
		VANDERHURST #2	OLEAN	N	4
		WADING RIVER	SUFFOLK COUNTY	N	1
		WALLKILL WELL	WALLKILL	N	1
		WIDE BEACH	BRANT	Y	1
		WIDE BEACH	BRANT	Y	2
		WINDUS DR.	SHIRLEY	N	1
		WINDUS DR.	SHIRLEY	N	1
		YORK OIL CO.	MORIA	Y	1
		YORK OIL CO.	MORIA	Y	1
V	OHIO	ABANDONED CHEMICALS	CLEVELAND	N	1
		AEROQUIP/REPUBLIC HOSE	OAKLAND	N	1
		AMERICAN STEEL DRUM	BEDFORD	N	1
		AMERICAN STEEL DRUM	BEDFORD	N	3
		ANACONDA ROAD SITE	AKRON	N	1
		ASBESTOS BAGS ORWELL	ORWELL	N	2
		CENTRAL WASTE LANDFILL	ALLIANCE	N	2
		CHEM-DYNE	HAMILTON	Y	1
		CHEM-DYNE	HAMILTON	Y	1
		CHEM-DYNE	HAMILTON	Y	1
		CHEMECO	ASTABULA	N	3
		CHEMICAL MINERALS RECLAMATION	CLEVELAND	N	1
		COMMERCIAL OIL	OREGON	N	3
		COMMERICAL OIL	OREGON	N	2
		DAYTON TIRE & RUBBER CO.	DAYTON	N	2
		DAYTON TIRE & RUBBER CO.	DAYTON	N	4

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V	OHIO	GP & K, INC.	MENTOR	N	1
		GREINERS LAGOON	FREMONT	N	1
		GREINERS LAGOON	FREMONT	N	1
		GREINERS LAGOON	FREMONT	N	1
		GREINERS LAGOON	FREMONT	N	3
		HYTECH CHROME	LOGAN	N	1
		J.C. HAYNES	NEWARK	N	1
		J.V. PETERS	MIDDLEFIELD	N	1
		K & S CIRCUITS	PHILLIPSBERG	N	3
		KREJCI DUMP	BOSTON TWP	N	4
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	1
		LASKIN/POPLAR OIL CO.	JEFFERSON	Y	3
		LIQUID WASTE MANAGEMENT	SHANDON	N	2
		LIQUID WASTE MANAGEMENT	SHANDON	N	2
		MIDNIGHT DUMP,W.58TH STREET	CLEVELAND	N	1
		OLD MILL	ROCK CREEK	Y	1
		OLD MILL	ROCK CREEK	Y	1
		OLD MILL	ROCK CREEK	Y	1
		PETROLEUM POWER & MAINTENANCE	LOUISVILLE	N	2
		RASER TANNERY	ASHTABULA	N	1
		RELIABLE PLATING	FINDLAY	N	3
		SEAWAY WAREHOUSE	WASHINGTON COURTHOUSE	N	1
		SKILJAN/DIAL	CLEVELAND	N	1
		SUMMIT EQUIPMENT & SUPPLIES	AKRON	N	2
		SUMMIT NATIONAL	DEERFIELD	Y	1
		SUMMIT NATIONAL	DEERFIELD	Y	3
		SUMMIT NATIONAL LIQUID DISPOSAL SERV.	DEERFIELD	Y	4
		T.P. LONG	AKRON	N	1
		UNITED SCRAP LEAD CO.	TROY	Y	1
		VALLEYWOOD SUBDIVISION	VALLEYWOOD	N	1

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VI	OKLAHOMA	10TH ST. DUMP/JUNKYARD	OKLAHOMA CITY	Y	2
		COMPASS INDUSTRIES	TULSA	Y	3
		DUNCAN TRANSFORMER SITE	DUNCAN	N	1
		FOURTH STREET ABANDONED REFINERY	OKLAHOMA CITY	Y	4
		HADDOCK AIRPORT	ERRICK	N	1
		JACK DENNIS PESTICIDE BURN SITE	MIDWEST CITY	N	1
		JACK DENNIS PESTICIDE BURN SITE	MIDWEST CITY	N	1
		TAR CREEK (OTTAWA COUNTY)	MIAMI	Y	1
		WHEATLAND DRUM	OKLAHOMA CITY	N	1
X	OREGON	DEPOE BAY	LINCOLN CITY	N	3
		MARTIN ELECTRIC	LAKE OSWEGO	N	4
		NORTHWEST DUST CONTROL	WHITE CITY	N	1
		UNION AVE. PCB SITE	PORTLAND	N	1
		UNITED CHROME PRODUCTS INC	CORVALLIS	Y	1
		WILLAMETTE RIVER	PORTLAND	N	2
III	PENNSYLVANIA	ABANDONED CHEMICAL TRAILER	WEST VERSAILLES	N	4
		ABM EDDYSTONE	EDDYSTONE	N	1
		ALDERFER LANDFILL	FRANCONIA TOWNSHIP	N	4
		AMBLER ASBESTOS PILES	AMBLER	Y	1
		AMBLER ASBESTOS PILES	ASBESTOS	Y	1
		AMERICAN INSULATOR	NEW FREEDOM	N	3
		APACHE WASTE OIL	CORISHOHOCKEN	N	1
		ASHLAND CHEMICAL	PHILADELPHIA	N	2
		BENSALEM DRUM	BENSALEM TWP.	N	1
		BERKS SAND PIT-VAN ELLSWYCK	LONGSWAMP TWP	Y	1
		BFG ELECTOPLATING	PUNXSUTAWNY	N	1
		BIEDLER ROAD	UPPER MARION TWP.	N	1
		BOYERTOWN SCRAP METAL	BOYERTOWN	N	1
		BRODHEAD CREEK	STROUDSBURG	Y	1
		BROWN'S BATTERY BREAKING	SHOEMAKERSVILLE	Y	1
		BRUIN LAGOON	BRUIN BOROUGH	Y	1

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III	PENNSYLVANIA	BRUIN LAGOON	BRUIN BOROUGH	Y	1
		BURIED DRUM REMOVAL	MCKEAN COUNTY	N	1
		BUTLER TUNNEL	PITTSTON	Y	1
		C & F CHEMICAL	GOSHEN	N	1
		C. E. BRUBAKER	LANCASTER	N	1
		CAMP RUN DRUM	MCKEAN COUNTY	N	1
		CAUSTIC MIDNIGHT DUMP	PHILADELPHIA	N	1
		DONEGAL TWP. MIDNIGHT DRUM DUMP	BUTLER COUNTY	N	3
		DORNEY ROAD LANDFILL	UPPER MACUNGIE TWP.	Y	1
		DRACUP WAREHOUSE	YOUNGSVILLE	N	1
		DRACUP WAREHOUSE	YOUNGSVILLE	N	1
		DRAKE CHEMICAL	LOCKHAVEN	Y	1
		DRAKE CHEMICAL	LOCK HAVEN	Y	1
		DUNCANSVILLE TANKER	DUNCANSVILLE	N	1
		DUNNING MOUNTAIN DRUM FIRE	BLAIR COUNTY	N	1
		DURHAM TWP SOLVENT SPILL	DURHAM TWP.	N	2
		EAGER BEAVER LUMBER CO.	TOWNVILLE	N	3
		EAST KANE TAR PIT	EAST KANE	N	4
		EDDYSTONE AVE. TRAILER SITE	EDDYSTON	N	4
		EWEING ROAD DRUM SITE	COLLIER TWP	N	1
		FENNEL ROAD	BUCKS COUNTY	N	1
		FRONT ST. TANKER	CHESTER	N	3
		GARAGE FIRE	GLENSIDE	N	1
		GRADYVILLE MIDNIGHT DUMPING	GRADYVILLE	N	1
		HIGH QUALITY PLATING	OLD ZIONSVILLE	N	1
		HOWARD RODGER'S DRUM	FRANKLIN	N	2
		HUTCHINSON PCB MINE	HUTCHINSON	N	3
		INTERSTATE TRANSFORMER	ELLWOOD CITY	N	1
		JACKSON CERAMICS INC.	FALLS CREEK	N	4
		JOHNSON BRONZE	NEW CASTLE	N	3
		KEVAK PROPERTY	GLEN LYON	N	3
		KEYSER AVE BOREHOLE	LACKAWANA COUNTY	N	2
		KRUM TRASH	DANVILLE	N	1

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III	PENNSYLVANIA	LACKAWANNA REFUSE	OLD FORGE	Y	1
		LANCASTER BATTERY	MANHEIM TWP.	N	2
		LANSDOWNE RADIATION	LANSDOWNE	Y	3
		M.W. MANUFACTURING	VALLEY TWP	Y	1
		MALITOVSKY DRUM CO.	PITTSBURGH	N	1
		MERCER COUNTY DRUM DUMP	MERCER COUNTY	N	1
		METCOA RADIATION SITE	PULASKI TWP	N	2
		MILL CREEK DUMP	ERIE	Y	1
		MILL CREEK DUMP	ERIE	Y	2
		MONROE STREET SITE	YORK	N	4
		MT. POCONO	MONROE COUNTY	N	1
		MUNICIPAL & INDUSTRIAL DISPOSAL CORP.	ELIZABETH TOWNSHIP	N	4
		MUSKRAT ROAD DRUM	BUCKS COUNTY	N	1
		NICKEL PLATE ROAD	COCHRANTON	N	3
		NVF COMPANY	KENNETT SQUARE	N	3
		OLD AMERICAN GLYCERINE	MCKEAN	N	1
		OLD GARAGE	MARION HEIGHTS	N	1
		PAGAN ROAD	ERIE COUNTY	N	2
		PAOLI RAIL YARDS	PAOLI	N	3
		PATRICK DIEHL	BLAIR COUNTY	N	1
		PINEY CREEK DRUM	BLAIR COUNTY	N	1
		PLYMOUTH MEETING DRUM	PLYMOUTH MEETING	N	2
		POTTSTOWN ABANDONED TRAILER	POTTSTOWN	N	1
		PRINTED CIRCUITS, INC.	BRISTOL TWP	N	1
		REVERE CHEMICAL	NOCKAMIXON TWP.	Y	1
		ROTUNDA DRIVE	ERIE COUNTY	N	2
		RTE 13 DRUM SITE	BUCKS COUNTY	N	1
		RTE. 563 DRUM SITE	SALFORD TWP.	N	3
		SANDONELLE PCB	FINDLEY TWP.	N	2
		SATELLITE/AMMET INCENDIARY	ALLEGHENY COUNTY	N	1
		SOLLY AVE. MIDNIGHT DRUM DUMP	NE PHILADELPHIA	N	3
		SON OF LANSDOWNE	LANSDOWNE	N	3
		SSCD SCHOOLYARD SITE	PUNXSUTAWNEY	N	2

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III	PENNSYLVANIA	STARBRICK	CONEWANGO TWP	N	1
		SUNSET GOLF COURSE	HARRISBURG	N	1
		SWISSVALE AUTO	SWISSVALE BOROUGH	N	2
		TAYLOR BOROUGH DUMP	TAYLOR BOROUGH	Y	1
		TAYLOR BOROUGH DUMP	TAYLOR BOROUGH	Y	2
		THOMPSON STREET TRAILER	PHILADELPHIA	N	4
		TINICUM MARSH	FALLCROFT	N	1
		TRI-STATE ENGINEERING	WASHINGTON COUNTY	N	1
		TROWBRIDGE ESTATES MERCURY	SOUTHAMPTON TWP.	N	2
		TURCO COATINGS	PHOENIXVILLE	N	1
		TYSONS DUMP	UPPER MERION TWP	Y	1
		VALMONT SITE	HAZLETON	N	4
		VULCANIZED RUBBER AND PLASTICS	MORRISVILLE	N	1
		WACHS LANDFILL	WEST NEWTON	N	3
		WADE (ABM)	CHESTER	Y	1
		WADE (ABM)	CHESTER	Y	1
		WALSH LANDFILL	HONEYBROOK TWP.	Y	1
		WESTINGHOUSE ELEVATOR	GETTYSBURG	Y	1
		WESTINGHOUSE ELEVATOR	GETTYSBURG	Y	1
		WESTLINE SITE	WESTLINE	Y	1
		WESTLINE SITE	WESTLINE	Y	1
II	PUERTO RICO	CAMUY RIVER DUMP SITE	CAMUY	N	2
		DORADO DRUM SITE	DORADO	N	1
		PUERTO RICO ORGANIC INC	ARECIBO	N	1
I	RHODE ISLAND	CASTLE HILL	NEWPORT	N	1
		COOKS LANDFILL	EAST PROVIDENCE	N	1
		DAVIS LIQUID WASTE	SMITHFIELD	Y	1
		MENEMSHA	PROVIDENCE	N	2
		PICILLO FARM	COVENTRY	Y	1
		STAMINA MILLS	N. SMITHFIELD	Y	1
		STAMINA MILLS	N. SMITHFIELD	Y	4

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I	RHODE ISLAND	WESTERN SAND & GRAVEL	BURRILLVILLE	Y	1
IV	SOUTH CAROLINA	B. MILLER SITE	MULLINS	N	4
		BABB DRUMS	LITTLE CHICAGO	N	2
		BURKETT CYLINDER	CHARLESTON	N	1
		C.D. BUFF	UMA	N	1
		CAROLAWN INC.	FORT LAWN	Y	1
		CAROLAWN INC.	FORT LAWN	Y	1
		DONALDSON ROADSIDE DUMP	GREENVILLE	N	3
		DREYFUS STREET	COLUMBIA	N	1
		EARL ALLEN CHEMICAL SITES	NORTH AUGUSTA	N	1
		GEIGER OIL SITE	CHARLESTON	Y	3
		HORRY CO. FIREWORKS	CONWAY	N	1
		HURRICANE HUGO RECONNAISSANCE	CHARLESTON	N	4
		INMAN WAREHOUSE	INMAN	N	3
		JIMMY'S TRUCK STOP	ORANGEBURG	N	1
		KELLWOOD TIMBER PRODUCTS	HARDEEVILLE	N	4
		KERSHAW CO. LANDFILL	KERSHAW COUNTY	N	2
		LANDO DRUMS SITE	LANDO	N	2
		MEDLEY FARM DRUM DUMP	GAFFNEY	N	1
		NATIONAL GALVANIZING	TRAVELER'S REST	N	1
		NICHOLS AIR STRIP	NICHOLS	N	3
		PALMETTO WOOD PRESERVING	CAYCE	Y	1
		REIMER DRUM	BATH	N	1
		US HIGHWAY 17A SOUTH DRUM	GEORGETOWN	N	4
		WOODWARD PROPERTY DRUMS	MYRTLE BEACH	N	2
VIII	SOUTH DAKOTA	CHEYENNE RIVER SIOUX RESVN. DRUMS	EAGLE BUTTE	N	4
		HELDT CHEMICAL (SD SERV)	BROOKINGS	N	1
		LONE MAN PESTICIDES	PINE RIDGE	N	4
		PORCUPINE BAIT	PORCUPINE	N	4
		RED SHIRT TABLE ELEM. SCHOOL	RED SHIRT TABLE	N	4
		TRI-STATE REF. "C" MINT	SIOUX FALLS	N	4

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IV	TENNESSEE	AMERICAN CREOSOTE WORKS, INC.	JACKSON	Y	4
		AMERICAN CREOSOTE/JACKSON PLNT	JACKSON	Y	1
		AMERICAN CREOSOTE/JACKSON PLNT	JACKSON	Y	1
		ARLINGTON BLENDING & PACKAGING	ARLINGTON	Y	1
		GALLAWAY PONDS SITE	GALLAWAY	Y	1
		GALLAWAY PONDS SITE	GALLAWAY	Y	3
		HAMILL-HOOKER RD #3	CHATTANOOGA	N	1
		J & L DRUM DITE	MEMPHIS	N	1
		JAQUES MILLER SITE (KIRBY)	NASHVILLE	N	2
		MILLER SITE	ROAN MOUNTAIN	N	1
		WRIGLEY CHARCOAL	WRIGLEY	Y	4
		WRIGLEY CHARCOAL	WRIGLEY	Y	4
IX	PACIFIC TRUST	PCB WASTES (15-SAIPAN)	PACIFIC TRUST TERR	N	1
		SAIPAN #1 (PCB)	SAIPAN	N	4
		SAIPAN #2 PESTICIDE SITE A	SAIPAN	N	4
		W TRUST TERR (11-HARMON AREA)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (13-GPA/NAVAL)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (14-CNMI-PCB)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (16-PALAU)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (17-MARSHALL IS)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (18-GUAM DPH)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (19-MARSHALL IS)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (2-UNIV GUAM)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (20-MARSHALL IS)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (21-EBEYE PUB)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (25-PONAPE ELECT)	PACIFIC COAST TERR	N	1
		W TRUST TERR (26-PONAPE)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (27-PONAPE FRST)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (28-PONAPE)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (29-KOSRAE)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (3-GUAM MEM HOSP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (30-TRUK)	PACIFIC TRUST TERR	N	1

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IX	PACIFIC TRUST	W TRUST TERR (32-YAP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (33-YAP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (4-GUAM EDUC)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (4-GUAM PUB HOSP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (5-GUAM AGRI)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (7-GUAM ECON)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (8-GUAM PHYS)		N	1
		W TRUST TERR (9-GUAM DEPT PHL)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (B-DELA CRUZ)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (C-MAJURO HOSP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (D-MED CLINIC)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (F-PROT YAP)	PACIFIC TRUST TERR	N	1
		W TRUST TERR (G-USCG LORAN)	PACIFIC TRUST TERR	N	1
		W. TRUST TERR (4 SITES)	PACIFIC TRUST TERR	N	1
VI	TEXAS	301 MAIN STREET	SOUTH HOUSTON	N	1
		ACRYLONITRIL SPILL	TEXAS CITY	N	1
		AFFEL PART	GALVESTON	N	4
		AGGIE CHEMICAL	SAN ANTONIO	N	1
		AMERICAN THIO-CHEM	FORT WORTH	N	3
		AMOCO DOCK 31	TEXAS CITY	N	1
		BARKER CHEMICAL	GRANDVIEW	N	1
		BESTPLATE INC.	HUTCHINS	N	2
		BESTPLATE INC.	HUTCHINS	N	3
		BIO-ECOLOGY SYSTEMS, INC.	GRAND PRAIRIE	Y	1
		BOLIVAR BEACH	BOLIVAR	N	4
		CARGO SHIP EXPLOSION	HOUSTON	N	1
		CATFORD ROAD	HOUSTON	N	4
		CHEMICAL DRUMS-PADRE ISLAND	BROWNSVILLE	N	1
		CRYSTAL CHEMICAL COMPANY	HOUSTON	Y	1
		CRYSTAL CHEMICAL COMPANY	HOUSTON	Y	1
		CRYSTAL CHEMICAL COMPANY	HOUSTON	Y	4
		CRYSTAL CITY AIRPORT	CRYSTAL CITY	Y	1

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VI	TEXAS	CRYSTAL CITY AIRPORT	CRYSTAL CITY	Y	1
		CRYSTAL CITY AIRPORT	CRYSTAL CITY	Y	3
		DAVIS STREET DRUM SITE	HOUSTON	N	4
		DEMPSEY RESIDENCE	PEARLAND	N	2
		FRENCH, LTD.	CROSBY	Y	1
		FRENCH, LTD.	CROSBY	Y	1
		FRENCH, LTD.	CROSBY	Y	1
		FRENCH, LTD.	CROSBY	Y	4
		GALVESTON BEACH	GALVESTON	N	4
		GENEVA IND/FUHRMANN ENERGY CP.	HOUSTON	Y	1
		GENEVA IND/FURHMANN ENERGY CP.	HOUSTON	Y	1
		GENEVA IND/FURHMANN ENERGY CP.	HOUSTON	Y	1
		GENEVA IND/FURHMANN ENERGY CP.	HOUSTON	Y	1
		GENEVA IND/FURHMANN ENERGY CP.	HOUSTON	Y	1
		GULF INTERCOASTAL WATERWAY	GALVESTON	N	4
		HERITAGE/LAUREL	FRIENDSWOOD	N	2
		HIGHLANDS ACID PIT	HIGHLANDS	Y	1
		HIGHLANDS ACID PIT	HIGHLANDS	Y	1
		HOLLEY RESIDENCE	PEARLAND	N	2
		HOUSTON SHIP CHANNEL	HOUSTON	N	1
		J & J PLASTICS	TURNEY	N	2
		JEFFERSON ROAD DRUM SITE	GRAND PRAIRIE	N	3
		JENSEN DRIVE DRUM SITE	HOUSTON	N	4
		JENSEN DRIVE DRUM SITE	HOUSTON	N	4
		LOVE RESIDENCE	FRIENDSWOOD	N	3
		MATAGORDA BEACH	MATAGORDA	N	4
		MATAGORDA ISLAND	GULF COAST	N	1
		MIDNIGHT DUMP	PORT ARTHUR	N	1
		MOTCO, INC.	LA MARQUE	Y	1
		MOTCO, INC.	LA MARQUE	Y	1
		MOTCO, INC.	LA MARQUE	Y	2
		MOTCO, INC.	LA MARQUE	Y	1
		MOTCO, INC.	LA MARQUE	Y	1

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VI	TEXAS	NEAR WILLS POINT	VAN ZANDT COUNTY	N	1
		NIAGARA CHEMICAL	HALINGER	N	2
		OFFATTS BAYOU	GALVESTON	N	4
		PADRE MUSTANG (86)	GULF COAST	N	2
		PADRE MUSTANG ISLANDS I	GULF COAST	N	1
		PADRE MUSTANG ISLANDS II	GULF COAST	N	1
		PADRE MUSTANG ISLANDS III	GULF COAST	N	1
		PADRE MUSTANG ISLANDS IV(LEGUNA MADRE)	GULF COAST	N	1
		PANTHER CREEK	GALLENO PARK	N	1
		PESSES CHEMICAL	FORT WORTH	Y	1
		PETRO-CHEMICAL SYSTEMS	LIBERTY	Y	1
		PIRATE'S BEACH	GALVESTON ISLAND	N	4
		PIRATES BEACH	GALVESTON ISLAND	N	2
		POCKET PARK	GALVESTON	N	4
		PORT BOLIVAR	GALVESTON	N	4
		ROLLOVER PASS	GILCHRIST	N	4
		SENUTA RESIDENCE	FRIENDSWOOD	N	3
		SHIP CHANNEL	HOUSTON	N	1
		SIKES DISPOSAL PITS	CROSBY	Y	1
		SIKES DISPOSAL PITS	CROSBY	Y	3
		SIKES DISPOSAL PITS	CROSBY	Y	4
		SIKES DISPOSAL PITS	CROSBY	Y	4
		SKYLARK (YATES RESIDENCE)	PEARLAND	N	2
		SOUTH ACRES	SOUTH HOUSTON	N	1
		SOUTH OF WACO	MCCLENNAN COUNTY	N	1
		SPANISH GRANT BEACH	GALVESTON	N	4
		STEWART BEACH	GALVESTON	N	4
		STEWCO INC.	WASKOM	Y	1
		STYRENE SPILL	TEXAS CITY	N	1
		TEXARKANA WOOD PRESERVING	TEXARKANA	Y	2
		TEXARKANA WOOD PRESERVING	TEXARKANA	Y	2
		TEXARKANA WOOD PRESERVING	TEXARKANA	Y	4
		TEXARKANA WOOD PRESERVING	TEXARKANA	Y	4

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VI	TEXAS	TRIANGLE CHEMICAL CO.	BRIDGE CITY	Y	1
		TRIANGLE CHEMICAL CO.	BRIDGE CITY	Y	1
		TRIANGLE CHEMICAL CO.	BRIDGE CITY	Y	1
		U.S. CUSTOMS - MILLINGTON ADDITION	PRESIDIO	N	4
		WINKLER ROAD	PEARLAND	N	1
VIII	UTAH	GREEN RIVER CYANIDE	EMERY CITY	N	1
		LIVINGSTON PROPERTY	WEST JORDAN	N	4
		MONTGOMERY WARD STORE	MONTICELLO	N	1
		RANDALL RESIDENCE	MONTICELLO	N	1
		SINGLEY DRUMS	BOUNTIFUL	N	4
		WASATCH CHEMICAL CO. (LOT 6)	SALT LAKE CITY	Y	3
III	VIRGINIA	C & R BATTERY CO. INC.	CHESTERFIELD COUNTY	Y	2
		CHESAPEAKE BAY	ASSATEQUE NATIONAL PARK	N	2
		GREENWOOD CHEMICAL CO	NEWTOWN	Y	3
		HAMPTON CYLINDERS SITE	HAMPTON ROADS	N	1
		LYNNHAVEN BAY	VIRGINIA BEACH	N	2
		MATHEWS ELECTROPLATING	SALEM	Y	3
		POINT OF ROCKS	ENON	N	4
		RHINEHART TIRE FIRE	FREDERICK COUNTY	Y	1
		ROANOKE RIVER DRUMS	ROANOKE	N	2
		TIDEWATER TNT	SUFFOLK	N	3
II	VIRGIN ISLANDS	ST. JOHN	VIRGIN ISLANDS	N	2
I	VERMONT	CYANIDE INCIDENT	VERGENNES	N	1
		PINE STREET CANAL	BURLINGTON	Y	1
		SPRINGFIELD LANDFILL	SPRINGFIELD	Y	2
X	WASHINGTON	ABANDONED DRUM	KALAMA	N	1
		AMERICAN SURPLUS	S. TACOMA	N	1

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X	WASHINGTON	LAKE WASHINGTON DRUM	SEATTLE	N	3
		LAKE WASHINGTON SHIP CHANNEL	SEATTLE	N	2
		LITTLE LEAGUE PESTICIDE	ORCHARD	N	1
		MARROWSTONE ISLAND	PUGET SOUND	N	1
		NORTHWEST TRANSFORMER	EVERSON	N	1
		OLYMPIA PESTICIDE FIRE	OLYMPIA	N	2
		PALLISTER PAINT SITE	EVERETT	N	3
		PALLISTER PAINT SITE	EVERETT	N	3
		PCB CONTAMINATION	WOODENVILLE	N	1
		SPOKANE DRUM FIRE	SPOKANE	N	1
		SPOKANE JUNK YARD	SPOKANE	N	4
		WESTERN PROCESSING CO., INC.	KENT	Y	1
		WILLIAMS & SON	BUCODA	N	1
V	WISCONSIN	ALPHA CASTING FOUNDRIES	PALMYRA	N	4
		BETTER BRITE (CHIPPEWA)	CHIPEWA	N	3
		BETTER BRITE-CHROME	DEPERE	N	2
		C-WAY	SPENCER	N	1
		CHEM SCIENCES	GERMANTOWN	N	3
		J.K. DRUM	NEW LONDON	N	4
		LAKEWOOD	LAKEWOOD	N	3
		LUBRICANTS INC.	WEST ALLIS	N	3
		MALLEABLE IRON	BEAVER DAM	N	2
		OAK CREEK	OAK CREEK	N	1
		OCONOMOWCO ELECTROPLATING INC.	ASHIPPIN	Y	2
		REUPING LEATHER CO.	FONDULAC	N	2
		REUPING LEATHER CO.	FONDULAC	N	2
		RODGERS LABORATORIES	MILWAUKEE	N	1
		SCHMALZ DUMP	HARRISON	Y	1
		SPECTRO CHEM	OREGON	N	1
		TRY-CHEM	MILWAUKEE	N	3
		WAUSAU GROUNDWATER CONTAM	CITY WAUSAU	Y	1

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III	WEST VIRGINIA	4-H CAMP TARPIT	UPSHUR CO.	N	3
		ATWELL MT. DRUM	ATWELL	N	3
		BIG JOHN'S SALVAGE	FAIRMONT	N	1
		BIG JOHN'S SALVAGE-HOULT RD.	HOLT ROAD	N	1
		BITTLE WELL CONTAMINATION	CHARLESTOWN	N	1
		CHESAPEAKE PCB	CHESAPEAKE	N	1
		CLARK PROPERTY	KANAWHA COUNTY	N	1
		COONS RUN	ADAMSONVILLE	N	1
		CUMMINGS SALVAGE YARD DUMP	SEDALIA	N	3
		EDWARDS ROAD SITE	COALBURG	N	2
		FIFTH STREET DRUM DUMP	HUNTINGTON	N	4
		FRAZIERS BOTTOM PCB SITE	FRAZIERS BOTTOM	N	2
		GARFIELD STREET DRUM	MCMECHEN	N	3
		GREENBRIAR RIVER FLOOD	ALDERSON	N	1
		HARRIS PROPERTY	POCA	N	2
		HARRISON CO. PCB SPILL	HARRISON CO.	N	2
		HOLDER CORPORATION	ONA	N	1
		HOLDER CORPORATION	ONA	N	1
		INTERSTATE 70 ACID SPILL	WHEELING	N	1
		KABLETOWN ROAD	JEFFERSTON COUNTY	N	2
		KAY LANE DRUM DUMP	CHARLESTON (KNOLLWOOD)	N	4
		KEYSTONE DRIVE PESTICIDE DUMP	CHARLESTON	N	3
		LAKIN STATE FARM	CHESTER	N	3
		LEETOWN ABANDONED CHEMICAL DRUM	LEETOWN	N	4
		LEETOWN PESTICIDE	LEETOWN	Y	1
		MANILLA CREEK	POCA	N	1
		MECHLING HILL DRUM DUMP	FOLLANSBEE	N	4
		MOUNT CLARE DRUM DUMP	MOUNT CLARE	N	4
		OTSEGO PCB CAPACITOR	OTSEGO	N	4
		PETERSBURG FLOOD DEBRIS	PETERSBURG	N	3
		PRECIOUS METAL ABANDONED DRUMS	BECKLEY	N	3
		RAY YORK BODY SHOP	OAK HILL	N	3
		RICHARDSON PROPERTY	HUNTINGTON	N	1

*** Annual Report:**

1 - Covers removal actions completed during the time frame 01/01/80 - 09/30/86
2 - Covers removal actions completed during the time frame 10/01/86 - 09/30/87
3 - Covers removal actions completed during the time frame 10/01/87 - 09/30/88
4 - Covers removal actions completed during the time frame 10/01/88 - 09/30/89

SERA ANNUAL REPORT INDEX OF COMPLETED REMOVAL ACTIONS FROM 01/01/80 TO 09/30/89

REGION	STATE	SITE NAME	CITY	NPL	ANNUAL* REPORT
III	WEST VIRGINIA	RIDGEVIEW PCB SITE	BOONE CO.	N	3
		SASSER ELECTRIC CO. DRUM	MT. HOPE	N	3
		SEMCO PCB SITE	CHESAPEAKE	N	1
		SEMCO PCB SITE	CHESAPEAKE	N	1
		SHAFFER EQUIPMENT CO.	MINDEN	N	3
		STONEMAN PROPERTY	TYLER COUNTY	N	1
		UPPER GLADE DRUM	UPPER GLADE	N	3
		WALTER TAYLOR	NITRO	N	1
		WHEELING ACID SPILL	WHEELING	N	2
		WHEELING HILL	WHEELING	N	1
		YOKUM CHLORDANE CONTAMINATION	PETERSBURG	N	1
VIII	WYOMING	ALLIED BARREL & CONTAINER CO.	BUFFALO	N	3
		ELLERBY REFINERY SITE	MORTON	N	1
		MICKELSON RANCH	BIG PINEY	N	4
		MYSTERY BRIDGE AT HWY 20	EVANSVILLE	Y	4
		TRUCK ACCIDENT	ARLINGTON	N	1
		YTTRIUM PROCESSING PLANT	LARAMIE	N	4

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☆ U.S. GOVERNMENT PRINTING OFFICE:1992-648-003/4071

U.S. Environmental Protection Agency
Region 5, Library (PL-12J)
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