

Cleaning Up Georgia's Hazardous Sites

**Environmental Protection Division
Georgia Department of Natural Resources
Hazardous Sites Response Program
January 2001**

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Executive Summary

The Georgia Environmental Protection Division (EPD) is working to protect people and the environment from the dangers posed by hazardous sites throughout Georgia. We have made good progress, but the job is far from complete.

The purpose of this report is to outline:

- The scope of the problem in Georgia
- EPD's progress in investigating and cleaning up hazardous sites
- Recommendations for the future.

The **Hazardous Site Response Act**, which was enacted in 1992, authorizes EPD to clean up hazardous sites that threaten human health or the environment. This law enables EPD to use the **Hazardous Waste Trust Fund** to hire contractors to clean sites if the persons responsible for the contamination are unable or unwilling.

During the past eight years, EPD has made significant progress in meeting this complex and difficult challenge. So far, 645 sites have been determined to be threats to human health and the environment. Many of these sites were active before environmental regulations were enacted.

Fees collected from industries and government agencies that produce, handle, and dispose of solid wastes, hazardous wastes

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State funded cleanup at abandoned hazardous waste handler, Tift County, February 1996.

and other dangerous materials finance the Trust Fund. Fines collected from violators of Georgia's various environmental laws also finance the fund. EPD's ability to collect these fees will sunset July 1, 2003, unless reauthorized by the legislature.

Investigation of these sites includes determining how far contamination has spread through groundwater or soil. It is a time-consuming and critical aspect of the cleanup process.

EPD has completed investigation and cleanup at 113 out of the 645 sites. Total cost is \$73.6 million, which has been paid from the Hazardous Waste Trust Fund.

Of the 532 remaining sites, cleanup or investigation is underway at 422 sites. Work will begin soon at the remaining 110. Finishing the job at these 532 sites will cost the Trust Fund an additional \$171 million. This could increase to \$269 million as older city and county landfills, which were not required to install liners, begin to leak and contaminate groundwater.

Allowing the fees to sunset in 2003 would result in a funding shortfall of \$244 million for all of the state's hazardous sites. The 2003 sunset would effectively shut down future cleanup operations at orphaned sites; end funding for local governments and pollution prevention; and reduce the state's ability to enforce cleanups by the private parties or industries responsible for illegal disposal of hazardous waste.

In addition, it is important to note that simply extending the fees through 2013 without increasing the fees will still result in a shortfall.

The Hazardous Site Response Act is a good law that protects people and our environment. We have made steady progress under this law, however, we cannot finish the job unless EPD's authority for collecting the fees is extended and the fees are increased.

Recommendations for the future:

- In 2001, set up a legislative study committee to examine the fee structure that supports the Hazardous Waste Trust Fund and to make recommendations for extending and increasing the fees.
- In 2002, extend and increase the fees that finance the Hazardous Waste Trust Fund through July 1, 2013, to eliminate the projected shortfall of \$244 million.

What does the Hazardous Site Response Act do?

Under the Hazardous Site Response Act (commonly referred to as the state superfund law), EPD discovers hazardous sites, publishes this information, and gets persons who caused the contamination to clean them up. If the persons responsible do not clean up, EPD uses the state Hazardous Waste Trust Fund to hire contractors to clean them up. EPD also uses the Hazardous Waste Trust Fund to help local governments and state agencies investigate and clean up their sites, promote pollution prevention, and pay its staff to administer the program.

The Hazardous Waste Trust Fund is financed by fees EPD collects from industries and government agencies that generate, manage or dispose of hazardous wastes, hazardous substances and solid wastes, and from fines EPD collects from violators of state environmental laws.

Each year, EPD is required to publish the Hazardous Site Inventory. The inventory is a list of the state's worst hazardous sites. It tells the public where the sites are, what kinds of dangers they pose, and cleanup status.

How bad is the hazardous sites problem in Georgia?

Hazardous sites pose many kinds of problems. Wastes at these sites frequently pose fire and explosion hazards. Soil and groundwater can be contaminated by cancer-causing chemicals and other toxic substances that can get into drinking water supplies. People living or working nearby can be at risk of suffering health problems if they are exposed to contaminated soil, water, or air. In some cases, hazardous sites endanger the health and survival of plants, animals, and aquatic life. In addition to damaging people's health and the environment, contamination at these sites also can diminish surrounding property values making them difficult to sell or be developed.

Some examples of hazardous sites include old wood preserving operations that used creosote, chemical manufacturing plants, leaking dry cleaning operations, old unlined solid waste landfills, and defunct industrial waste handling facilities.



Chemical fire at an old industrial landfill, McDuffie County, September 1999

How many hazardous sites are in Georgia?

There are currently 532 hazardous sites on the state inventory. As shown in Figure 1 (left), hazardous sites are located all across the state. Although the majority of sites are clustered around major urban areas, approximately two-thirds of the counties have at least one site.

New sites are continually being discovered and added to the Hazardous Site Inventory. Figure 2 (below) shows how the state inventory has grown since it was first published in 1994.

Figure 1.

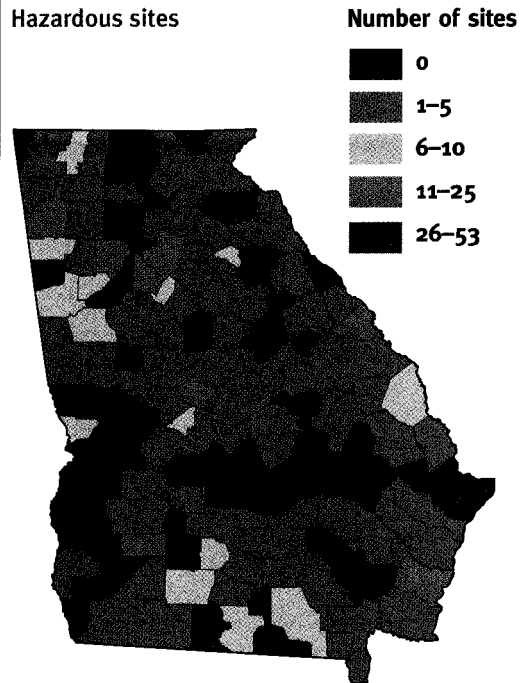
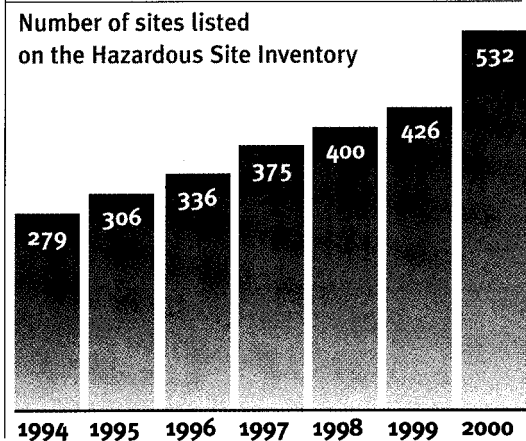


Figure 2.



What is being done to prevent the creation of new hazardous sites?

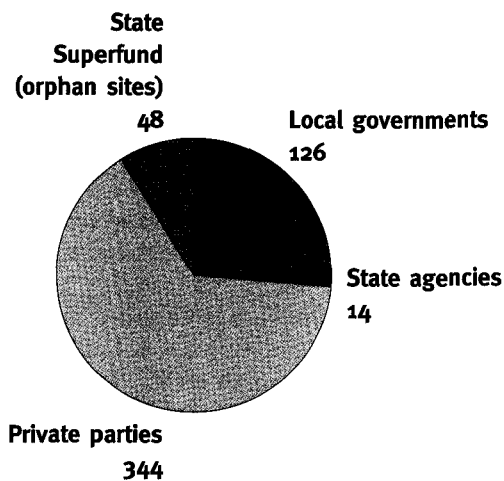
Many of the sites became polluted before today's tough environmental laws. EPD enforces these laws to keep chemicals from being dumped, but spills and illegal releases can still happen. When hazardous sites are discovered, EPD responds quickly to get them cleaned up.

EPD also uses the Hazardous Waste Trust Fund to help prevent pollution that causes hazardous sites. Each year, EPD transfers 10 percent of the money appropriated to the Hazardous Waste Trust Fund to the Pollution Prevention Assistance Division of the Department of Natural Resources, which uses this money to help industry find ways to reduce wastes. In addition, the state superfund law establishes a fee structure to encourage waste management practices that pollute less.

Even with all this, a strong and effective state cleanup program is still needed because it is impossible to prevent hazardous chemicals from being dumped and because experience tells us there are many old, undiscovered sites that will need to be cleaned up.

Figure 3

Site cleanup responsibility



Who is cleaning up hazardous sites?

Figure 3 shows who is responsible for investigating and cleaning up hazardous sites currently listed on the Hazardous Site Inventory.

Private party sites are those where the persons responsible for contaminating the site are cleaning it up under close EPD supervision. Appendix I lists all the private party sites currently listed on the state inventory. EPD encourages private parties to clean up their sites voluntarily. Since private parties are responsible for most of the hazardous sites in Georgia, their cooperation is essential to the success of the statewide cleanup challenge. EPD works very closely with them to insure their cleanup meets state standards.

Orphan sites are those where private parties cannot be found or do not have the money to clean up the site. These sites are listed in Appendix II. At these sites, EPD uses the Hazardous Waste Trust Fund to hire contractors to clean up. The list of orphan sites could grow if private parties now cleaning up their sites cannot finish the job or if new orphan sites are discovered. Orphan sites pose some of the greatest threats to people and the environment and are a high priority for prompt cleanup. The following examples illustrate how the Hazardous Waste Trust Fund is being used to address orphan sites:

- > Safely removing and disposing of 4,500 tons of hazardous waste from defunct waste handlers in Fulton, Jackson, Wilkinson, and Colquitt Counties;
- > Putting out a chemical fire that burned a closed 100 acre industrial waste landfill in McDuffie County where toxic smoke threatened nearby residents (see photo on page 3);
- > Providing clean drinking water to residents in Bibb, Peach and Jackson Counties after their wells were contaminated by waste dumps;
- > Removing 179,000 tons of waste and soil contaminated with cancer-causing wood preserving wastes at wood treatment facilities in Appling, Colquitt, Glynn, and Clinch Counties;
- > Protecting approximately 1,000 residents living in the Herndon Homes community in Atlanta from further exposure to harmful levels of toxic substances by removing contaminated soil and cleaning up a turn-of-the-century industrial waste landfill underneath the housing project.

Local governments are working hard to investigate and clean up their sites (Appendix III). Prior to 1993, local government landfills were not required to be built over engineered liners to keep them from leaking into soil and groundwater. Many of these older landfills have now begun to leak. These contamination problems must be cleaned up. Under the law, almost all of these sites are eligible to receive up to \$2 million per site from the Hazardous Waste Trust Fund to help pay for investigation and cleanup costs.

State agencies are also responsible for some sites as shown in Appendix IV. Although cleanup costs for most state agency sites will be paid from each agency's own budget, state agencies are also eligible to apply for funding from the Hazardous Waste Trust Fund to help them pay for investigation and cleanup costs for qualifying sites.

How are hazardous sites cleaned up?

EPD cleans up hazardous sites according to risk-based standards, which means the worst problems are cleaned up first so that people are not exposed to harmful levels of hazardous substances. This means not only tackling the worst sites first, but also dealing with the worst problems at those sites, many of which are large and complex.

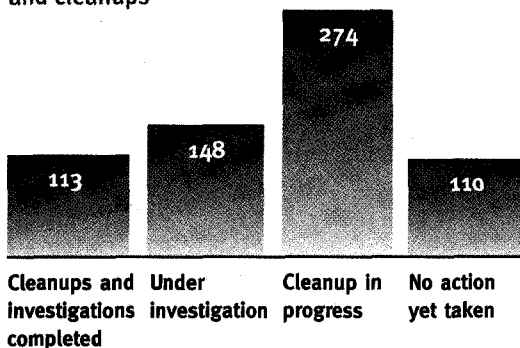
Sites are usually cleaned up in three stages. The first step is removing hazardous wastes that may be in tanks, drums, pits or dumped on the ground. After the wastes have been removed, contaminated soil is dug up and removed for disposal. If it is technically infeasible or too costly to remove all the contamination, then control systems are put in place to stop contamination from leaking and to keep people from being exposed. Finally, contaminated groundwater is pumped out, treated or monitored to make sure no one drinks it. The last stage can take years because it is costly and difficult to remove contaminants once they get into groundwater.

EPD's cleanup standards ensure that sites are cleaned up to levels that pose no significant risk to human health. They ensure that after cleanup, people will have less than a 1 in 100,000 chance of developing cancer as a result of living or working at the site. Cleanups also eliminate any significant risk that people will be exposed to toxic substances that cause other types of disease or injury.

Risk-based cleanup standards allow resources to be spent cleaning up problems that pose the greatest threat to people and the environment. For instance, a site in a residential area would require more cleanup than a site in an industrial park because the amount of exposure to hazardous substances would normally be higher where people are living. This means that resources are not wasted on cleaning up contamination that does not pose a threat.

Figure 4.

Status of hazardous site investigations and cleanups



How many sites have been cleaned up?

Significant progress has been made in cleaning up Georgia's hazardous sites. Figure 4 shows the status of investigations and cleanups.

Since 1994, EPD has identified 645 sites requiring action; 113 of these have been completely cleaned up or investigated and meet state cleanup standards. In keeping with the "worst first" approach to cleaning up sites, EPD has used contractors to remove 563,000 tons of waste from 54 orphan sites. Because of the difficulty and cost associated with cleaning up plumes of contaminated groundwater, there are only 30 sites where waste, soil, and groundwater have been completely cleaned up.

Of the 532 sites now on the state inventory, cleanups are in progress at 274; site investigations to determine how much cleanup is necessary are underway at another 148. Investigations have not yet begun at the remaining 110 sites because they are a lower priority for action or have just recently been added to the state inventory.

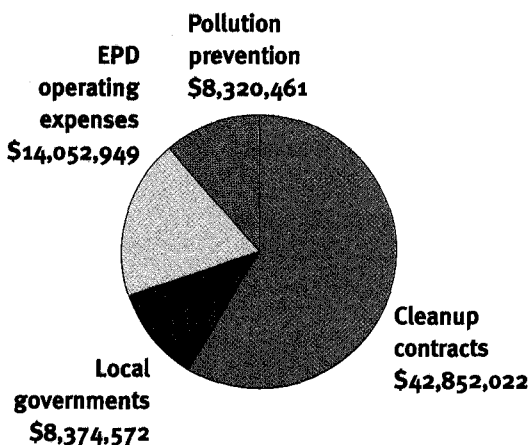
What role does the federal government play in cleaning up hazardous sites?

Because there are so many hazardous sites across our nation, the United States Environmental Protection Agency (USEPA) is able to clean up only the worst sites in each state; the rest are referred to the states for cleanup. Of the hundreds of sites USEPA has discovered in Georgia, only fifteen have been bad enough to be listed on the federal National Priority List (NPL) for cleanup. Without an adequate state program in Georgia, seriously contaminated sites that do not get put on the NPL would continue to pollute soil and groundwater and threaten people's health.

How much does it cost to clean up hazardous sites?

Figure 5.

Hazardous site cleanup obligations and expenditures
July 1, 1992 through October 31, 2000
Total \$73,600,004



Since the Hazardous Site Response Act was passed in 1992, EPD has spent or contractually obligated \$73.6 million from the Hazardous Waste Trust Fund. Figure 5 provides a breakdown of how this money has been spent or obligated.

EPD uses the Hazardous Waste Trust Fund to pay state contractors to investigate and clean up orphan sites, and to help pay for the investigation and cleanup of sites owned by local governments. EPD's operating expenses pay its 40 member staff to oversee cleanups being done by private parties and state contractors, find and investigate sites, publish the annual inventory, and collect the fees. Each year, EPD also transfers 10 percent of the money appropriated to the Hazardous Waste Trust Fund to the Pollution Prevention Assistance Division of the Department of Natural Resources, which works with industries to reduce wastes and pollution.

What are the sources of revenue for hazardous site cleanups?

The revenue that goes into the Hazardous Waste Trust Fund comes from fees and fines EPD collects. Figure 6 shows a breakdown of revenue by source type, and Appendix V gives a breakdown of revenue by source and appropriations by year.

In state fiscal year 2000, the program collected \$1.8 million in hazardous waste fees from 1,390 hazardous waste handlers. The hazardous waste fees are structured to encourage waste reduction and management of wastes in the least polluting way by placing the highest fee on wastes that are shipped off-site for disposal or incineration, and the lowest fee on wastes that are recycled or reused on-site.

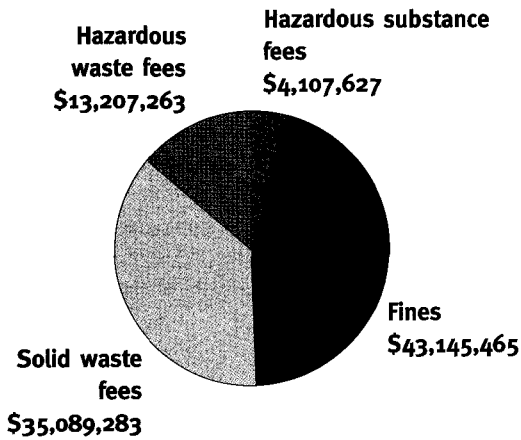
Businesses and industries who are required to report that they are handling hazardous chemicals pay fees depending upon the amount they handle: for amounts under 1,000 pounds, the fee is \$500; for 1,000–10,000 pounds, it is \$1,000; and for amounts over 10,000 pounds, it is \$1,500. In state fiscal year 2000, EPD collected \$553,497 from 404 facilities.

Owners and operators of solid waste landfills are required to collect \$0.50 per ton for solid waste disposed in their landfill and remit that to EPD annually. In state fiscal year 2000, EPD collected \$5.9 million from 94 public and private landfills, almost three times the amount paid by hazardous waste handlers and businesses reporting hazardous substance handling.

Except for fines paid for violations of the Georgia Comprehensive Solid Waste Management Act, fines collected by EPD as a result of violations of the state's various environmental laws are paid into the State Treasury for appropriation into the Hazardous Waste Trust Fund. The amount of these fines varies from year to year; in state fiscal year 2000, EPD collected \$4.9 million.

Figure 6.

HWTF revenue by source type FY1993–FY2000
Total \$95,549,638



**What else needs to be done
to clean up hazardous sites?**

In addition to finishing investigations and cleanups at sites currently on the state inventory, there will be more sites added to the inventory in the future that will have to be cleaned up. For sites currently on the state inventory, Figure 4 (page 7) shows that 274 site cleanups need to be completed. Most of the 148 sites currently under investigation will also require cleanups as will 110 sites where investigations and cleanups have not yet begun. In the future, there will probably be more orphan and private party sites added to the inventory that have not yet been discovered.

In addition to the local government landfills already listed, there are another 158 older landfills that were not required to have liners under them when they were built that could leak in the future. At most all of these sites, wastes, soil and groundwater contamination need to be cleaned up to state standards.

How much more will it cost the State of Georgia to finish hazardous site cleanups and continue preventing pollution?

As shown in Figure 7 (right), it will cost about \$269 million to finish orphan site cleanups, help local governments clean up their sites, oversee private party cleanups, and help the Pollution Prevention Assistance Division encourage pollution prevention.

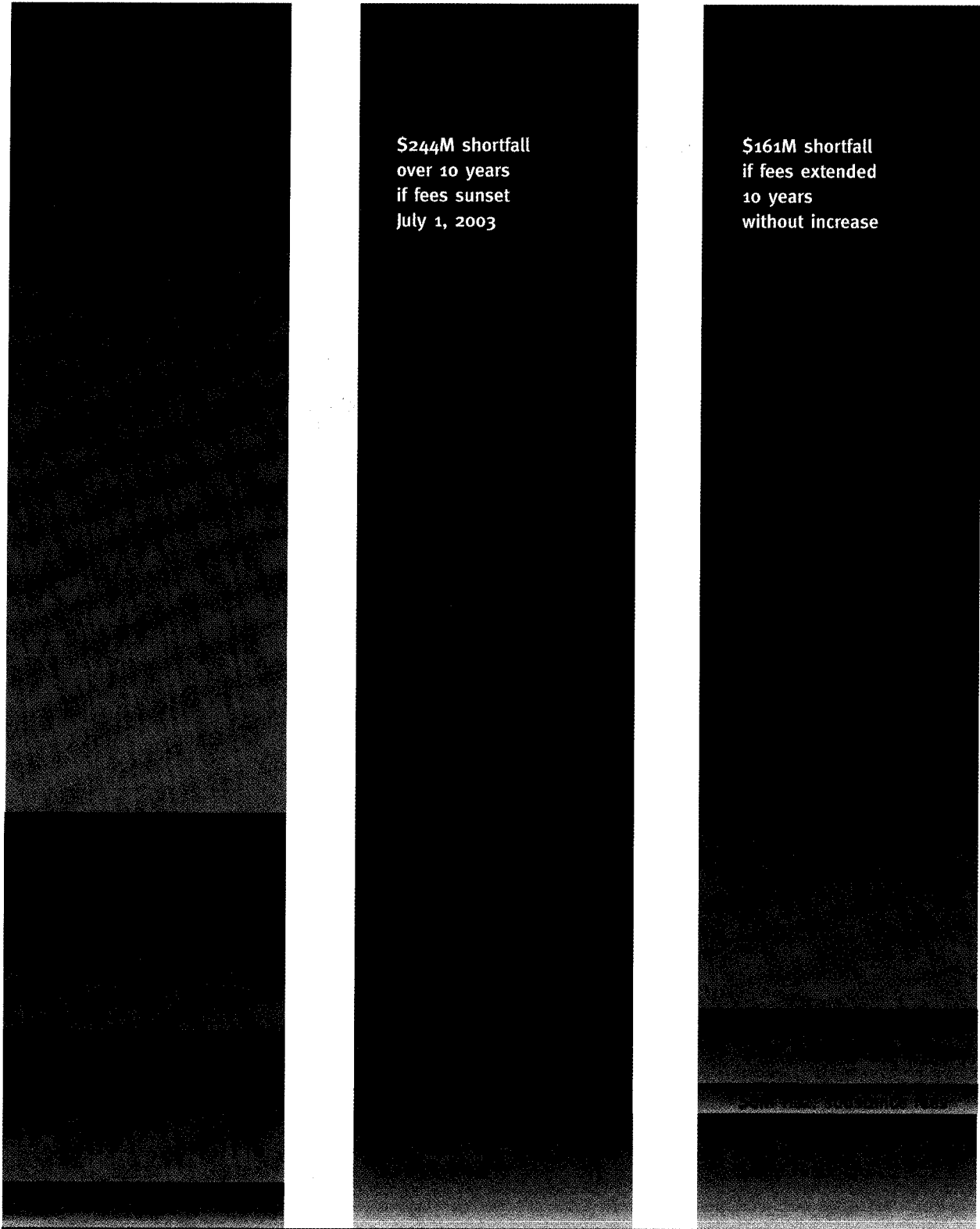
If EPD's authority for collecting the hazardous waste, hazardous substance and solid waste fees sunsets July 1, 2003, there will be a \$244 million shortfall in funds needed for cleanups and pollution prevention. Even if the fees are extended for 10 years beyond July 1, 2003 without increasing them, there will still be a \$161.1 million shortfall. If the fees are not extended and increased beyond July 1, 2003, or if significant new sources of revenue are not found, EPD will not be able to complete the job of hazardous site cleanup and pollution prevention.

Local governments are concerned because they are paying significantly more into the Hazardous Waste Trust Fund than they are receiving. Payments to local governments to help them investigate and clean up their landfills have accounted for only 11 percent of all expenditures by EPD from the Hazardous Waste Trust Fund. This is because EPD has had to concentrate on cleaning up orphan sites which pose greater threats. Local governments are also concerned because they are paying twice as much in solid waste fees than the hazardous waste and hazardous substance fee payers combined. If EPD is going to be able to meet the needs and address the concerns of local governments, additional funding will be necessary.

Figure 7.

Projected cleanup funds shortfall
July 1, 2003–July 1, 2013

■ Projected costs
■ Projected revenues
■ Projected shortfall

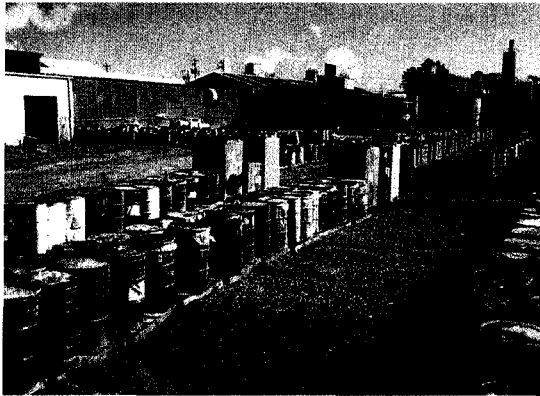


\$269 million projected costs

\$25 million projected revenue

\$108 million projected revenue

What happens if the fees are not extended and increased?



State funded cleanup at abandoned waste handler, Wilkinson County, May 1996.

Significant progress has been made during the last eight years in cleaning up orphan sites, getting private parties to accept responsibility and clean up pollution they have caused, helping local governments investigate and clean up their sites, and preventing pollution. Still, a lot more work remains.

The authority for collecting the fees sunsets July 1, 2003 unless reauthorized by the legislature. Allowing the fees to sunset July 1, 2003 would result in a funding shortfall of \$244 million and would shut down cleanups at orphan sites, funding to local governments, and reduce cleanups by the persons who are responsible for contaminating sites. Increasing the fees and extending them through July 1, 2013 could eliminate the shortfall by providing necessary funds to complete the job of cleaning up these hazardous sites.

Unless funding is obtained from increased fees or other sources, these hazardous sites will continue to pollute the environment and endanger people's health. Georgia has a good state superfund law that protects people, their property and the environment. EPD has acted under this law and gotten many sites cleaned up. However, the job cannot be finished if the authority for collecting fees is not extended; and EPD will not be able to finish the job in a timely manner unless fees are increased or additional sources of revenue are found.

This additional funding will ensure that EPD can complete its mission to protect the health of Georgia's citizens and their environment from the dangers posed by hazardous sites.

Appendix I

Private party sites currently on the HSI

HSI ID	SITE NAME	COUNTY
10221	Akzo Coatings	Appling
10202	McCranie Brothers Wood Preserving	Atkinson
10512	Georgia Classic Cleaners	Barrow
10332	Spring City Knitting Company	Bartow
10631	TACC International Corp	Bartow
10483	Delphi Energy & Engine Mgmt Systems	Ben Hill
10040	Fitzgerald 115/46 Substation #G732712	Ben Hill
10402	Central of Georgia Railroad–Macon Site	Bibb
10511	Macon MGP Site	Bibb
10574	Peacock Auto Salvage	Bibb
10027	Riverwood International Georgia formerly Macon Kraft)	Bibb
10043	Southern Wood Piedmont–Central of Georgia RR	Bibb
10502	Transco Railcar Facility (Former)	Bibb
10524	Wheelers Manufacturing Co Inc	Bibb
10529	Georgia Power–Statesboro #3 Substation	Bulloch
10573	Louisiana Pacific Corp	Bulloch
10188	Atlas Chemical Co	Burke
10614	Legion Industries	Burke
10093	U S Naval Submarine Base–Kings Bay	Camden
10360	Douglas & Lomason Company	Carroll
10599	SNG–Carrollton Meter Station	Carroll
10060	Southwire–Copper Division	Carroll
10061	Southwire–Wire & Cable Division	Carroll
10363	Southwire Stripling Chapel Rd Property	Carroll
10604	Trent Tube Division	Carroll
10218	Union Camp Corp–dba Thomas Treating	Charlton
10208	139 Brampton Rd (formerly Rheem Mfg)	Chatham
10579	Abercorn & Largo Development	Chatham
10351	ARAMARK Uniform Services	Chatham
10162	Ashland Chemical Co	Chatham
10128	Atlanta Gas Light Co–Savannah MGP Site	Chatham
10018	Atlantic Wood Industries	Chatham
10440	Blue Ribbon Dry Cleaners	Chatham
10590	Central of Georgia Railroad–Battfield Park	Chatham
10095	Central of Georgia RR/Bernuth–Lembcke Site	Chatham
10593	Chatham County Mosquito Control	Chatham
10600	Colonial Terminals Inc–1100 W Lathrop	Chatham
10045	Colonial Terminals Plant #1	Chatham
10098	Colonial Terminals Plant #2	Chatham
10101	CSX Transportation–Powell Duffryn	Chatham
10339	CSX Transportation–Stevens Oil	Chatham
10003	CSX Transportation Savannah Tremont Road	Chatham
10611	CSXT De Priest Signal Shop	Chatham
10186	General Chemical Corp (formerly Allied Chemical)	Chatham
10549	Georgia Air National Guard, Savannah/Site #1	Chatham
10550	Georgia Air National Guard, Savannah/Site #2	Chatham
10551	Georgia Air National Guard, Savannah/Site #5	Chatham

HSI ID	SITE NAME	COUNTY
10552	Georgia Air National Guard, Savannah/Site #6	Chatham
10553	Georgia Air National Guard, Savannah/Site #8	Chatham
10554	Georgia Air National Guard, Savannah/Site #9	Chatham
10555	Georgia Air National Guard, Savannah/Site#10	Chatham
10556	Georgia Air National Guard, Savannah/Site#11	Chatham
10262	Georgia Pacific–Savannah	Chatham
10105	Hunter Army Airfield	Chatham
10395	Hunter Army Airfield–Fire Training Area	Chatham
10521	Hunter Army Airfield–MCA Barracks	Chatham
10047	Hutchinson Island Site 1	Chatham
10179	Kemira	Chatham
10641	Kemira Pigments	Chatham
10629	North Brothers Inc	Chatham
10503	Reese & Co Inc Tract	Chatham
10415	Savannah Electric–Plant Kraft	Chatham
10434	Savannah Paint Manufacturing	Chatham
10561	SNG–Savannah Foods Meter Station (SNG-307)	Chatham
10565	SNG–Stone Container Meter Station	Chatham
10497	Southeastern Family Homes Inc	Chatham
10591	Southern Motors of Savannah Inc	Chatham
10371	Southern States Phosphate & Fertilizer Co.	Chatham
10091	Travis Field/Savannah International Airport	Chatham
10241	Union Camp Corp–Allen Blvd Landfill	Chatham
10114	Union Camp Corp–Former Amoco Property	Chatham
10638	Brookstone Fine Wood Products Inc	Cherokee
10491	Athens/Clarke County Willow St Landfill & Incinerator	Clarke
10153	Atlanta Gas Light Co–Athens MGP Site	Clarke
10354	Barnett Shoals	Clarke
10355	General Time Corporation	Clarke
10052	Georgia Power–Athens Foundry St Property	Clarke
10376	Loef Co Inc (The)	Clarke
10014	Westinghouse Electric Corp	Clarke
10563	Hana Convenience Store Property	Clayton
10411	Parkwood Village Shopping Center	Clayton
10583	Pavilion Cleaners, Riverdale Mall	Clayton
10009	U S Army–Fort Gillem–N Landfill Area	Clayton
10032	Brockway Standard–Homerville Plant	Clinch
10005	G. C. Lee Site	Clinch
10157	Manor Timber Company	Clinch
10626	St. Regis Wood Treating Site (Former)	Clinch
10140	Union Timber	Clinch
10146	Air Force Plant 6	Cobb
10508	Aladdin Cleaners	Cobb
10466	Baychem Inc	Cobb
10427	Callaway Chemical Co	Cobb
10622	Chemtronics	Cobb
10513	Circle K Store #5259	Cobb
10326	Corners Shopping Center	Cobb
10530	Encore Dry Cleaners (Former)	Cobb
10519	Fabricare Cleaners	Cobb
10538	Flags Village Shopping Center	Cobb

HSI ID	SITE NAME	COUNTY
10435	Former Diversey–Olympic Mfg Inc	Cobb
10518	North Park Pavillion Shopping Center	Cobb
10115	Phibro-Tech fka CP Chemicals	Cobb
10347	Sardis Road Creosote Site	Cobb
10505	Station at Vinings (The)	Cobb
10171	Intermetro Industries Corp	Coffee
10259	Farmers Favorite Fertilizer	Colquitt
10425	Reynolds Metals Co	Colquitt
10437	GIW Industries Inc	Columbia
10384	J Strom Thurmond Lake Airstrip #1	Columbia
10394	Vogue Cleaners at Columbia Square Shopping Ctr.	Columbia
10635	Del Cook Lumber Company	Cook
10586	Brown Steel Contractors–Broad St Facility	Coweta
10340	CPI Plastics Inc	Coweta
10154	Douglas & Lomason Company	Coweta
10049	Georgia Power–Yates Steam Elect Generating Plant	Coweta
10090	William L Bonnell Company	Coweta
10589	SNG–Fort Falley Meter Station	Crawford
10228	Gold Kist Chemical Blending Plant	Crisp
10053	Engelhard Corp–Attapulugus Operations	Decatur
10633	Tex-Par Energy Inc	Decatur
10126	U S Army Corps of Engineers Airstrip (current)	Decatur
10419	Aeroquip Facility	DeKalb
10147	Ashland Chemical Co	DeKalb
10606	Atlanta Oil Services	DeKalb
10615	BFI Conley Landfill	DeKalb
10612	Dettelbach Pesticide Warehouse	DeKalb
10499	Eagle Rockbridge Shopping Center	DeKalb
10410	Former Rally Restaurant & Briarcliff Station	DeKalb
10072	General Electric–Apparatus Service Center	DeKalb
10481	Hickson Corp–CCA Production Facility	DeKalb
10121	North Decatur Rd/Burlington Rd Site	DeKalb
10616	Rockbridge Park Chemical Drums	DeKalb
10577	Albany Warehouse Co Site	Dougherty
10075	Georgia Power–Albany Substation	Dougherty
10197	Georgia Power–Mitchell Steam Elect Generating Plant	Dougherty
10398	MacGregor Golf Company	Dougherty
10065	Merck & Company	Dougherty
10210	Southeast Terminal	Dougherty
10024	TH Agriculture & Nutrition Co–NPL Site	Dougherty
10094	U S Marine Corps Logistics Base–NPL Site	Dougherty
10226	Vandy Musgrove Property	Dougherty
10495	5998 Fairburn Rd–Dry Cleaners	Douglas
10123	Arivec Chemicals	Douglas
10601	SNG–Yates Junction Meter Station	Douglas
10151	Young Refining	Douglas
10428	Home Oil	Early
10008	CSX Transportation–Middleton Derailment	Elbert
10380	Twin City Mfg Co	Emanuel
10474	Bekaert Corporation	Floyd
10107	C&H Transportation	Floyd

HSI ID	SITE NAME	COUNTY
10404	Celanese Fiber Co	Floyd
10046	General Electric Company	Floyd
10418	Georgia Power–Lindale Substation	Floyd
10469	ITT Automotive–Precision Die Casting	Floyd
10109	Rome Coal Tar Pit	Floyd
10068	Rummel Fibre Company	Floyd
10592	SNG–336 Summerville/Trion/Lafayette M/S	Floyd
10570	SNG–Cartersville Meter Station	Floyd
10564	SNG–Dalton #1 Meter Station	Floyd
10569	SNG–Rome District Office	Floyd
10568	SNG–Rome Meter Station #1	Floyd
10408	Tallahassee Street Property	Floyd
10557	2955 Peachtree Rd	Fulton
10170	A&D Barrel & Drum Co	Fulton
10284	Atlanta Fish Warehouse (Former)	Fulton
10183	Atlanta Fulton Industrial Center (REO #178)	Fulton
10348	Bumper Distribution of Atlanta	Fulton
10441	Cascade Springs Dry Cleaner	Fulton
10195	Eltra Corp–Prestolite Battery Division	Fulton
10196	Estech General Chemicals	Fulton
10127	Former Dickies Industrial Services Site	Fulton
10498	General Chemical Corporation	Fulton
10496	General Shale Brick	Fulton
10560	Georgia General Properties Inc (Property of)	Fulton
10077	Indcon	Fulton
10158	Johnson Controls	Fulton
10088	Larkin Coils	Fulton
10096	M & J Solvents Company	Fulton
10204	Metalplate Galvanizing Corp	Fulton
10584	Midtown Cleaners & Laundry Inc	Fulton
10443	Mindis Recycling–Shredding Division	Fulton
10594	Old National Shopping Center	Fulton
10547	Rayloc Facility	Fulton
10548	RentRite Property	Fulton
10542	Roswell Station	Fulton
10459	Seaboard Industrial Blvd Site	Fulton
10138	Seitzinger	Fulton
10500	SNG–East Point Meter Station	Fulton
10084	Southern Wood Piedmont–East Point	Fulton
10184	SSC Industries	Fulton
10422	Stephenson Chemical Co	Fulton
10393	Tift Site	Fulton
10150	U S Army–Ft McPherson-Incinerator Ash Disposal	Fulton
10263	Universal Forest Products	Fulton
10637	Welcome Years Inc	Fulton
10120	Westinghouse Warehouse	Fulton
10069	Atlanta Gas Light Co–Brunswick MGP	Glynn
10251	Chemresol	Glynn
10487	Coastal Cleaners	Glynn
10028	Escambia Treating Co–Brunswick	Glynn
10156	Federal Law Enforcement Training Center	Glynn

HSI ID	SITE NAME	COUNTY
10399	Former Atlantic Engineered Products	Glynn
10619	Georgia Pacific Corp Pulp & Paper	Glynn
10279	Harbison Walker Refractory-Calsilite	Glynn
10058	Hercules	Glynn
10006	Hercules 009 Landfill-NPL Site	Glynn
10558	Interstate Paint Company (Former)	Glynn
10144	LCP Chemicals-NPL Site	Glynn
10417	O'Brien Corporation Property	Glynn
10307	Old Sterling Landfill	Glynn
10587	Southern Tri-State Electric Inc	Glynn
10242	Terry Creek Dredge Spoil Area	Glynn
10523	American Amalgamated/Executive Dry Cleaners	Gwinnett
10223	Anacomp-Cyanide Storage Building	Gwinnett
10201	McClusky Farm	Gwinnett
10636	One Hour Martinizing	Gwinnett
10532	Panolam Industries	Gwinnett
10504	Phoenix Metals Distribution Facility	Gwinnett
10063	Rockbridge Square Shopping Center	Gwinnett
10515	Sechem Inc Site	Gwinnett
10082	Southern Industrial Park-Parcel #5	Gwinnett
10137	York Casket Hardware (aka Piedmont Metals)	Gwinnett
10458	Habersham Co Pea Ridge Rd Landfill	Habersham
10044	Mt Airy Wood Preserving Co	Habersham
10578	Avery Dennison	Hall
10595	Clark Property	Hall
10423	Piedmont Laboratories Inc	Hall
10559	Shade/Allied Inc	Hall
10073	Dunlop Slazenger Corp	Hart
10135	Monroe Auto Equipment Company	Hart
10535	SNG-Hampton Meter Station	Henry
10141	Southern States	Henry
10085	PPG Industries	Houston
10180	Robins Air Force Base-NPL Site	Houston
10099	Alco Controls	Jeff Davis
10122	Amoco Fabrics & Fibers-Hazlehurst Mills	Jeff Davis
10245	Oil Processing Corp	Jefferson
10102	Georgia Power-Millen 230/115 KV Substation	Jenkins
10057	General Tire-Aldora Plant	Lamar
10539	SNG-Barnesville Meter Station	Lamar
10401	Forstmann & Co Inc (old burn pit)	Laurens
10324	Forstmann & Company	Laurens
10366	Forstmann & Company (1,1-DCA Site)	Laurens
10472	Parker Hannifin Corp/Abex NWL Div	Laurens
10190	Barrett Farm Battery Disposal Site	Lee
10067	Chemtall	Liberty
10420	Daniels Cleaners	Liberty
10113	Atlanta Gas Light Co-Valdosta MGP	Lowndes
10336	Ceco Concrete Construction	Lowndes
10124	Chemical Conservation of Georgia	Lowndes
10133	Chemical Specialties Inc (CSI)	Lowndes
10015	Langdale Forest Products Corp	Lowndes

HSI ID	SITE NAME	COUNTY
10346	SAFT America	Lowndes
10089	Southern Bag Corp	Lowndes
10617	Stewart Fertilizer	Lowndes
10342	North Georgia Agricultural Services Inc	Madison
10215	Transcontinental Gas Pipe Line-Comp Station 130	Madison
10199	Hoover Treated Wood Products	McDuffie
10543	United Technologies Automotive Inc	McDuffie
10021	Williams-Mesena Rd Landfill	McDuffie
10373	Woodbury Box Co Inc	Meriwether
10029	Escambia Treating Co-Camilla	Mitchell
10033	Georgia Power-Plant Mitchell 115KV	Mitchell
10588	Siemon Company (The)	Morgan
10534	Diamond Rug & Carpet Mills-Eton Plant	Murray
10575	Georgia Power-Bibb Municipal Incinerator	Muscogee
10382	GNB Technologies Inc	Muscogee
10486	Orkin Pest Control	Muscogee
10605	SNG-Columbus #3 Meter Station	Muscogee
10112	U S Army-Fort Benning	Muscogee
10493	Tenneco Packaging	Newton
10048	American Linen Supply Co	Oconee
10206	Murrow Brothers Delinting Waste	Oconee
10344	Metropolitan Sandblasting Site	Paulding
10261	Vinings Chemical Company	Paulding
10510	Star Laundry-City of Fort Valley/Fort Valley Utilities Comm	Peach
10062	Woolfolk Chemical Works-NPL Site	Peach
10020	Henkel Site	Polk
10613	Shiloh Road Site	Polk
10632	SNG-342 Rockmart Meter Station	Polk
10567	SNG-Cedartown Meter Station	Polk
10051	Georgia Power-Branch Steam Elect Generating Plant	Putnam
10172	Aid Corp	Rabun
10281	Rabun Apparel (formerly Rabun Mills)	Rabun
10132	Atlanta Gas Light Co-Augusta MGP Site	Richmond
10017	Blackman Uhler Chemical Co	Richmond
10620	Cherokee Shopping Center	Richmond
10433	First Union National Bank Tract 'A'	Richmond
10432	First Union National Bank Tract 'C'	Richmond
10117	Georgia Power-Augusta 15th St 115/13.8 KV	Richmond
10378	Gravel Pit Road Ditch	Richmond
10136	Monsanto Chemical Company-NPL Site	Richmond
10145	Olin Chemicals	Richmond
10517	Silverstein's Cleaners	Richmond
10571	SNG-Augusta #1 Meter Station	Richmond
10596	SNG-Augusta #2 Meter Station	Richmond
10083	Southern Wood Piedmont - Augusta	Richmond
10341	Carolina Commercial Heat Treating	Rockdale
10247	Eltra Corp-C & D Battery Division	Rockdale
10175	Transcontinental Gas Pipe Line-Conyers M&R	Rockdale
10580	SNG-Statesboro Meter Station	Screven
10582	SNG-Sylvania Meter Station	Screven
10572	Sylvania Yarn Systems Inc	Screven

HSI ID	SITE NAME	COUNTY
10016	Torrington Company	Screven
10352	Atlanta Gas Light-Griffin MGP Site	Spalding
10430	Rental Uniform Service of Griffin	Spalding
10581	SNG-Griffin Meter Station	Spalding
10630	Coats & Clark	Stephens
10139	304 N Dudley St Site	Sumter
10436	Former Champion Home Builders Facility	Sumter
10426	Piggly Wiggly	Sumter
10520	Sanderlin Agriculture Services	Sumter
10603	Woodgrain Millwork Inc	Sumter
10540	Dawson Manufacturing Co	Terrell
10055	Stevens Industries	Terrell
10429	ARAMARK Uniform Services	Thomas
10489	Cleaver - Brooks-Thomasville	Thomas
10173	Georgia Power-Meigs 115/25 KV Substation	Thomas
10531	Georgia Transformer	Thomas
10618	Jotan Inc	Thomas
10338	Ball Farms South/Magnolia Site	Tift
10628	Coastal Plains Treating Co	Tift
10473	Forstmann & Co Inc	Tift
10353	Golden Seed	Tift
10056	Marzone/Chevron-NPL Site	Tift
10143	Parramore Fertilizer	Tift
10597	East Beasley Road Drum Site	Troup
10212	Sycamore Pesticide Site	Turner
10624	SNG-East Macon Meter Station	Twiggs
10248	Kendrick Sanitation Service Site	Upson
10219	W F Harris & Sons Wood Preserving	Upson
10329	Mathis Brothers-S Marbletop Rd Landfill-NPL Site	Walker
10002	Shaver's Farm	Walker
10412	Walton Manufacturing Company	Walton
10097	Atlanta Gas Light Co-Waycross MGP	Ware
10026	CSX Transportation-Waycross Facility	Ware
10634	Voith Fabrics	Ware
10625	Washington Manufacturing Company	Washington
10468	Fonda Milling Company	White
10405	AMC International Inc	Whitfield
10001	Dow Chemical-Dalton Site	Whitfield
10250	Lyndal Chem (aka: Chem Processing of Georgia)	Whitfield
10334	Polychem, LTD	Whitfield
10229	Textile Rubber & Chemical Co	Whitfield
10369	Hargis Railfleet Services-East Site	Wilkinson

Appendix II

Orphan Sites Currently on the HSI

HSI ID	SITE NAME	COUNTY
10022	Baxley Creosoting Co	Appling
10207	Old Willacoochee Wood Preservers	Atkinson
10359	Winder-Barrow Speedway	Barrow
10192	Berrien Products	Berrien
10413	Muse Scrap Metals	Carroll
10350	Yates Lane Drum Site	Carroll
10364	Former Circle K Store #7703	Chatham
10191	Barlow Creosoting	Clinch
10246	Morgan Post Treating Impoundment	Clinch
10116	Georgia Metals	Cobb
10627	Liberty Oil & Refining	Colquitt
10205	Moultrie Wood Preserving Co	Colquitt
10327	Palmetto Tire Fire	Coweta
10345	DeKalb Pest Control Services Inc	Dekalb
10256	CR&A Battery Co	Douglas
10337	Wallace Lake Road Dump	Douglas
10194	Damascus Groundwater Contamination	Early
10598	Farm Air Services (aka Bruces Flying Svc)	Early
10403	Futch Wire	Effingham
10200	Martin Fireproofing Company	Elbert
10416	2386/2391 Paul Ave	Fulton
10222	Northside Dr Landfill (formerly Herndon Homes)	Fulton
10111	Scripto Plant & Office Complex	Fulton
10367	Sun Laboratories of Atlanta	Fulton
10264	U S Plating Burn Site	Fulton
10400	Whitehall Street Wire Burning Site	Fulton
10297	Ben Gober Landfill	Gwinnett
10260	Griffith Oil Co	Jackson
10414	Han-Har Metal Finishing Corp	Long
10166	Ideal City Site	Macon
10070	Pelham Phosphate Company	Mitchell
10375	Williams Residence	Mitchell
10152	Peach Metal Industries	Peach
10106	Cedartown Battery Site	Polk
10216	Terhune Company	Polk
10365	Goldberg Brothers	Richmond
10165	Conyers Battery Exchange	Rockdale
10209	Smith Wrecking Service	Screven
10266	Whitlock Junkyard PCB Spill	Stephens
10233	S&M Scrap Metal Company	Tift
10142	So Green Waste Pile	Tift
10349	David Jones Tax Parcel #280-12	Walker
10361	Virginia Avenue Drum Site	Walker
10238	Holley Electric Corp	Wayne
10507	119 Industrial Blvd	Wilkinson
10407	Elite Coatings/Hargis Enterprises	Wilkinson
10198	Gordon Service Company	Wilkinson
10368	Hargis Enterprises Waste Pile	Wilkinson

Appendix III

Local Government Sites Currently on the HSI

HSI ID	SITE NAME	COUNTY
10385	Baldwin Co–Union Hill Ch Rd Ph 2 (SL) & Ph 3 (MSWL)	Baldwin
10274	Speedway SR 324 Landfill	Barrow
10642	Bartow Co–SR 293 Emerson (SL) Ph 1 (C&D), MSWL Ph 2 & 3	Bartow
10283	Fitzgerald-Kiochee Church Rd Ph 1 & 2 (SL)	Ben Hill
10011	Nashville Old City Landfill	Berrien
10308	Allied Industrial Park	Bibb
10167	Former Macon Naval Ordnance Landfill	Bibb
10294	Macon–11th St Ph 1 & 2 (SL)	Bibb
10467	Bleckley Co–Municipal Landfill, Cochran SR 26 (SL)	Bleckley
10645	Quitman–SR 33 Ph 1 (LS)	Brooks
10646	Bryan Co–US 280/Mill Creek (SL)	Bryan
10391	Statesboro-Lake View Rd (SL)	Bulloch
10450	Burke Co–Clarke Rd (SL)	Burke
10322	Waynesboro Old City Dump	Burke
10278	Butts Co–Brownlee Rd (SL)	Butts
10647	Camden Co–Vacuna Rd Ph 2 (SL)	Camden
10648	Carrollton– SR 166 (SL)	Carroll
10621	Catoosa Co Road Dept Maint Facility	Catoosa
10313	City of Savannah Landfill (Savannah Sanitary LF)	Chatham
10488	Savannah Economic Dev Auth–GA Kaolin Terminals as Agent	Chatham
10649	Savannah-Dean Forest Rd (SL)	Chatham
10315	Sharon Pit (Landfill)	Chatham
10372	Truman Parkway Ph 2	Chatham
10454	Chattooga Co–Penn Bridge Rd Ph I (SL)	Chattooga
10650	Cherokee Co– Blalock Rd Ph 3 & 4 (SL)	Cherokee
10277	Clarke Co–Athens Dunlap Rd Ph 1, 2, 3 & 4 (SL)	Clarke
10392	Clayton Co–SR 3 Lovejoy #2 (SL) & Site #4	Clayton
10275	Clinch Co–Smith Rd Ph 1 MSWL	Clinch
10271	Cobb Co–Cheatham Rd Ph 2 (SL)	Cobb
10651	Coffee Co–129/17 Mile River (SL)	Coffee
10452	Colquitt Co–CR 15 Sunset Ph 1 (SL)	Colquitt
10168	Moultrie WWTP	Colquitt
10509	Swift Meat Processing Plant	Colquitt
10652	Columbia Co–Bakerk Place Rd (SL) Ph 1 & 2	Columbia
10311	Production Anodizing Corp.	Cook
10291	Coweta County Landfill	Coweta
10289	Cordele– Crisp City-Co Landfill	Crisp
10654	Dawson Co–Shoal Hole Rd (SL)	Dawson
10343	Decatur County Industrial Park Landfill	Decatur
10125	ITT United Plastics	Decatur
10655	Dekalb Co–Seminole Rd Ph 1, 2, 2A, 3 & 4 (SL)	Dekalb
10299	Laurelwood Burial Site	Dekalb
10656	Dooly Co–CR 101 (SL)	Dooly
10447	Dougherty Co–Fleming/Gaissert Rd (SL)	Dougherty
10059	Firestone Tire & Rubber Co (Albany Plant)–NPL Site	Dougherty
10030	Former Turner Air Force Base	Dougherty
10657	Douglas Co–Cedar Mtn Rd Ph 1 (SL)	Douglas
10658	Blakely-Howell St/Pitt Rd (SL)	Early

HSI ID	SITE NAME	COUNTY
10659	Elbert Co–Hull Chapel Rd Ph 1 (SL)	Elbert
10268	Automatic Sprinkler Corp of America (Former)	Emanuel
10252	Emanuel Co–Hwy 80 Landfill	Emanuel
10660	Emanuel Co–SR 297 Swainsboro (SL)	Emanuel
10661	Fannin Co–SR 5 Ph 2 (SL)	Fannin
10451	Fayette County–1st Manassas Mile Rd, Nside (SL) & Grady Ave Ph 2 (SL)	Fayette
10012	Fox Manufacturing Company	Floyd
10387	Forsyth Co–Hightower Rd Ph 1 & 3 (SL) & Ph 4 MSWL	Forsyth
10662	Franklin Co–Harrison Bridge Rd Ph 1 (SL)	Franklin
10663	Fulton Co–Merk/Miles Rd (SL)	Fulton
10276	Southern States Landfill	Fulton
10664	Gilmer Co–SR 52 N/TV Tower Ph 1-5 (SL)	Gilmer
10282	4th Street Landfill (Brunswick Airport)	Glynn
10665	Glynn Co– Cate Rd (SL) & (L)	Glynn
10317	T Street Dump	Glynn
10476	City of Calhoun–Harris Rd. MSWL	Gordon
10213	W B Roddenbery Syrup Plant	Grady
10479	Greene Co–US 278 W #2 Ph 1 & 2 (SL)	Greene
10286	Button Gwinnett Landfill	Gwinnett
10292	Crymes Landfill	Gwinnett
10270	Hall Co–Allen Creek Ph A (SL)	Hall
10666	Haralson Co–US 78 Bremen Ph 1 & 2 (SL)	Haralson
10667	Hart Co–SR 172 S Ph 1, 2 & 3 (SL)	Hart
10478	Heard Co–Frolona Rd (SL)	Heard
10668	Henry Co–W Asbury Rd Ph 1 & 2 (SL)	Henry
10477	Ocilla–SR 32 S Ph 1 (SL)	Irwin
10480	Jackson Co–SR 82 Prison Farm Ph 2 (SL)	Jackson
10304	Old City Landfill	Jeff Davis
10305	Old Hazlehurst SW Disposal Site	Jeff Davis
10669	Jefferson Co–US 1 (Avera Rd) (SL)	Jefferson
10438	Jones Co–Cumslo Rd CR S1079, Gray & Ph 2 (SL)	Jones
10456	Barnesville–Goggins Rd (L) & (SL)	Lamar
10670	Lamar Co–Grve St Ext (Old Milner Rd) (SL) & Regional Solid Waste Auth MSWL	Lamar
10386	Laurens Co–Bethsaida Church Rd (SL)	Laurens
10671	Lee Co–SR 32 Ph 1 (SL)	Lee
10672	Liberty Co–Limerick Rd (SL) & (L)	Liberty
10453	Lowndes Co–SR 31 Clyattville Ph 3 A1 (SL)	Lowndes
10673	Valdosta–Wetherington Lane (SL)	Lowndes
10490	Lumpkin Co–Barlow Homes Rd Ph 2 (SL)	Lumpkin
10446	Macon Co–SR 49 N #3 (SL)	Macon
10388	Madison Co–Sanitary Landfill 2 & 3 (SL)	Madison
10675	Mcintosh Co–King Rd (SL)	Mcintosh
10676	Mitchell Co–SR 3A (SL)	Mitchell
10485	Forsyth, Old Brent Rd Ph 1 & 1	Monroe
10389	Morgan Co–US 441 N (CO NK CP Ph 1 & 2 (SL)	Morgan
10677	Murray Co–US 411 Westside (SL), (L) & Site 2 MSWL	Murray
10288	Columbus Municipal Landfill	Muscogee
10678	Newton Co–Lower River Rd Site 2 HE MWSL & Forest Tower/Lwr Rvr Rds (SL)	Newton

HSI ID	SITE NAME	COUNTY
10457	Peach Co–Housers Mill Rd (SL)	Peach
10019	Powersville Landfill–NPL Site	Peach
10086	Former Pickens Co Landfill	Pickens
10679	Pickens Co–Jones Mtn Rd Westside, Ph 2 & 3 (SL)	Pickens
10680	Pierce Co–SR 121 Ph 1 & 2 (SL)	Pierce
10330	Cedartown Industries–NPL Site	Polk
10092	Cedartown Municipal Landfill–NPL Site	Polk
10310	Polk Co–US 278 Cedartown Ph 2 (SL) & Grady Rd (SL)	Polk
10484	Rabun Co–Eastman Mtn Rd #2 (SL)	Rabun
10272	Conyers–Miller Bottom Rd Ph 204 (SL)	Rockdale
10390	Screven Co–Rocky Ford Rd (SL)	Screven
10449	Griffin–Shoal Creek Rd (SL) & Ph 2	Spalding
10448	Spalding Co–Yamacraw Rd Ph 1 TCT A (SL)	Spalding
10461	Stephens Co–SR 145 Ph 2 & 3 (SL)	Stephens
10681	Tattnell Co–SR 174 Ohoophee RV (SL) SR 178	Tattnell
10682	Terrell Co–US 82 Danson (SL)	Terrell
10683	Tifton–Omega/Eldorado Rd Ph 1 & 3 (SL)	Tift
10684	Towns Co–SR 288 Ph 1 (SL)	Towns
10475	City of LaGrange–Municipal Solid Waste LF	Troup
10685	Thomaston–Zorn St Ph 2 & 3	Upson
10460	Ware Co–US 82 Waresboro (SL)	Ware
10455	Washington Co–Kaolin Rd S Ph 1, 2 & 3 (SL)	Washington
10686	Wayne Co–Goose Creek Ph 1 (SL)	Wayne
10445	White Co–Dukes Creek (SL)	White
10482	Dalton–Rocky Face (WS) Ph 2 (SL)	Whitfield
10257	Dalton Sanitary Landfill–North Area	Whitfield
10258	Dalton Sanitary Landfill–South Area	Whitfield
10687	Dalton–Old Dixie Hwy Ph 2, 4, 5 & 6 (SL)	Whitfield
10462	Wilkes Co–CR 40 (SL)	Wilkes
10688	Wilkinson Co–SR 57 PBLC Works Camp (SL)	Wilkinson

Appendix IV

State agency sites currently on the HSI

HSI ID	SITE NAME	COUNTY
10623	Bill E Ireland Youth Development Center	Baldwin
10169	Diamond Manufacturing Company	Chatham
10406	McKenzie Tank Lines	Chatham
10464	Paktank Corp–Savannah Terminal	Chatham
10465	Rhodes Air National Guard Station Areas A&B	Chatham
10255	Union Camp Corp–Hwy 17 Disposal Site	Chatham
10269	University of Georgia–Milledge Ave Site	Clarke
10025	Former Georgia Dept of Trans–Dist 4 Main HQ	Coffee
10071	Georgia Ports Authority–Bainbridge Terminal	Decatur
10494	Ruby Quarry Asphalt Plant Site	Jones
10325	Butler Island	McIntosh
10609	University of Georgia–Plant Sciences Farm	Oconee
10041	Reliant Corporation	Union
10409	Martin Marietta Aggregates	Warren

Appendix V

Revenue and appropriations by year

COLLECTIONS	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY01	TOTAL
Hazardous waste fees	\$655,703	\$1,928,015	\$1,869,401	\$1,336,809	\$1,832,695	\$1,784,881	\$1,997,457	\$1,802,302	To be received July 1, 2001	\$13,207,263
Solid waste fees	\$1,359,653	\$3,942,391	\$4,438,585	\$3,908,854	\$4,897,322	\$4,547,442	\$6,092,235	\$5,902,801	To be received July 1, 2001	\$35,089,283
Civil penalties	\$3,209,528	\$4,320,528	\$4,579,090	\$5,841,844	\$10,496,977	\$6,779,446	\$2,969,446	\$4,948,422	To be received July 1, 2001	\$43,145,465
Hazardous substance reporting	\$0	\$0	\$512,915	\$937,734	\$638,103	\$716,770	\$748,608	\$553,497	To be received July 1, 2001	\$4,107,627
TOTALS										
COLLECTIONS	\$5,224,884	\$10,191,118	\$11,399,991	\$12,025,241	\$17,865,097	\$13,828,539	\$11,807,746	\$13,207,022		\$95,549,638
APPROPRIATIONS	\$0	\$4,300,000	\$8,918,534	\$11,512,235	\$17,900,013	\$7,380,472	\$12,790,539	\$12,807,746	\$7,595,077	\$83,204,616

NOTE: Appropriations are less than collections because fees collected one fiscal year are appropriated to the trust fund the following fiscal year.